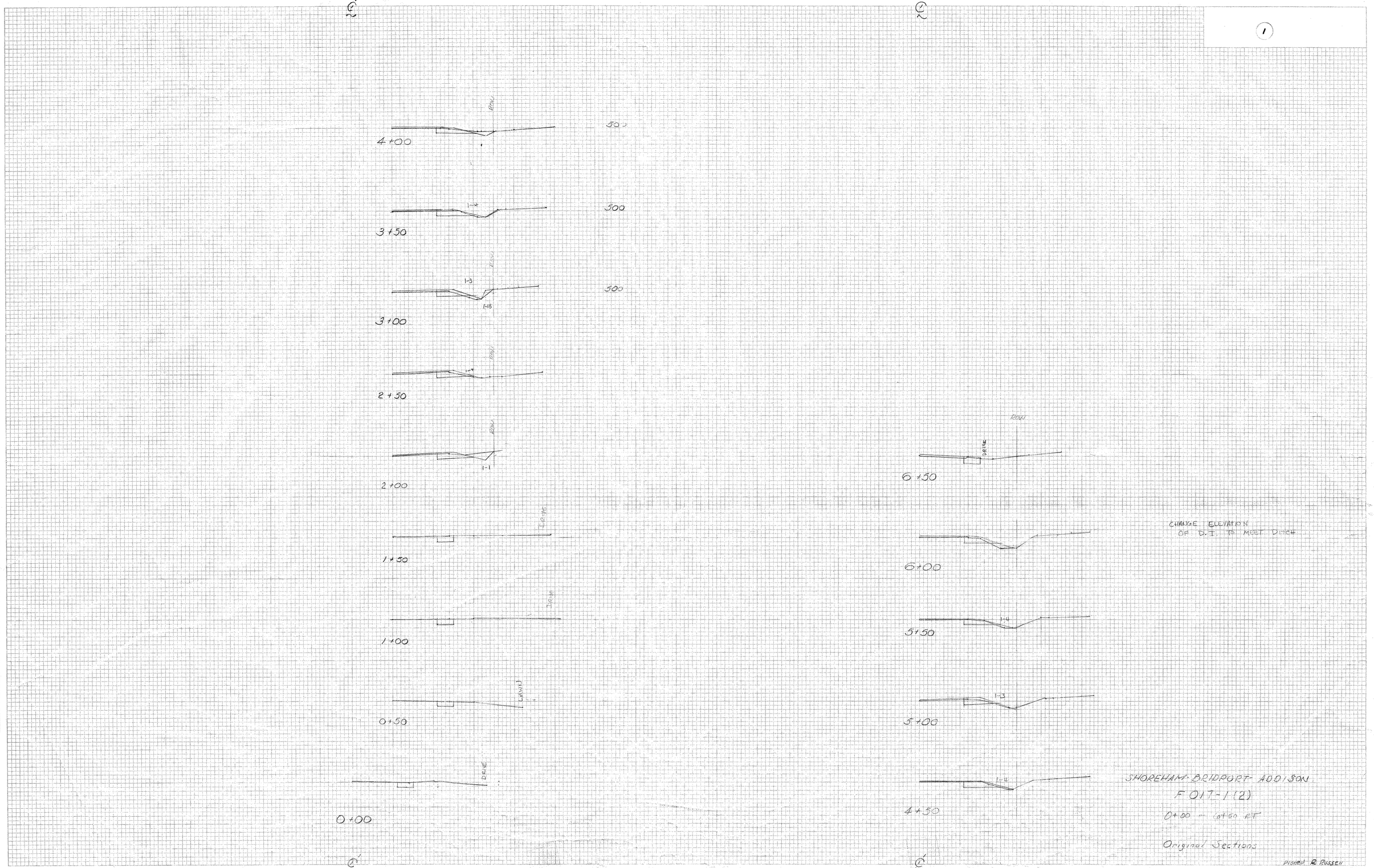
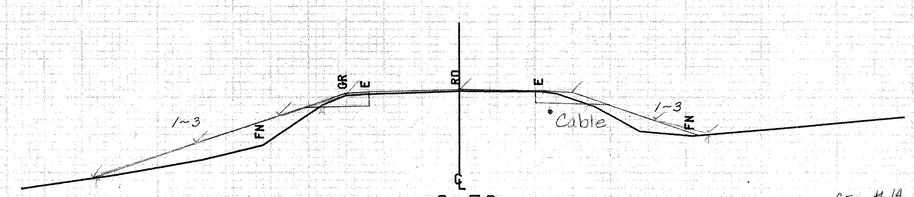


1
4+00
500
3+50
500
3+00
500
2+50
2+00
1+50
1+00
0+50
0+00
6+50
6+00
5+50
5+00
4+50
CHANGE ELEVATION OF D.I. TO MEET DITCH
SHOREHAM-BRIDPORT-ADDISON
F 017-1(2)
0+00 – 6+50 RT
Original Sections
PLATE & CROSS SECTION O. P. R. & R. C. STANDARD

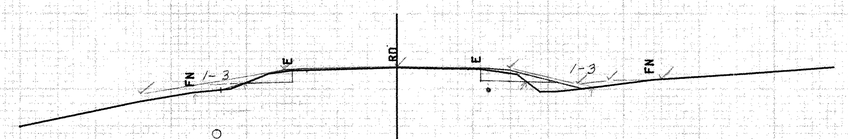


490

8+50

C- 14
F-8+ 72
SB 16

8+30~8+93 Lt.
Removal & Disposal of
Guide Posts



490

8+00

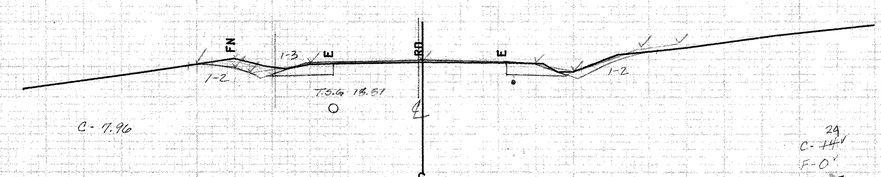
C- 8 12
F-4+ 6
SB 13

8+00 Lt
Begin Geotextile Fabric for
Silt Fence

EARTH

19.87	494.0
23.0	493.3
25.0	493.8
30.0	494.5
25.0	495.1
21.0	494.2
19.87	494.0

7.96



490

C- 7.96

C- 14 29
F- 0
SB 15

7+50

7+15 Lt
Begin Removing & Resetting Fence
Begin Temporary Barbed Wire Fence (4-strand)

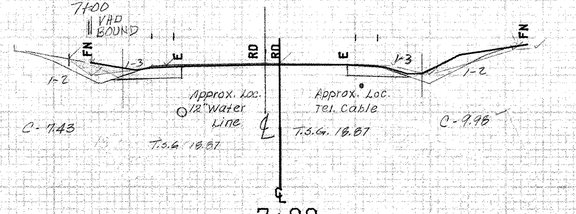
4" E
+19

EARTH

20.87	496.0
20.87	495.5
25.0	494.9
25.0	497.2
20.87	496.0

7.43

4-23-72



C- 7.43

C- 9.98

490

C- 1 27
F- 0
SB 15

7+00

18.87	495.1
20.0	495.0
26.0	496.9
30.0	498.7
24.0	497.8
18.87	495.1

Cut 19.93 to WR

Rev P.O.T. 11+07.35 =
Surv P.O.T. 7+00.00
EQ = +407.35

18" M
6+73

Cut 2-4-92 WTG

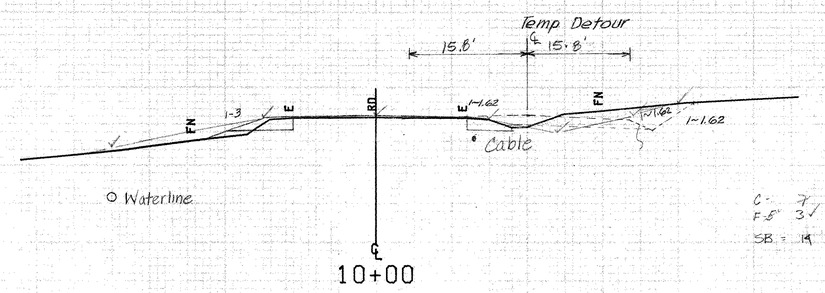
SHOREHAM MM 3.73 ~ MM 3.88

FROM STA. 7+00		TO STA. 8+50	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED 03/13/84	
SURVEYED BY	FANTONI	MARCH 84	
SHEET 252 OF 420 SHEETS		SHEET 252 OF 477	

SCALE 10 FEET

10+10 Lt.
Begin Removal and Disposal
of Guard Rail

11+40 Lt
End Removing & Resetting Fence
Temporary Barbed Wire Fence (4-strand)



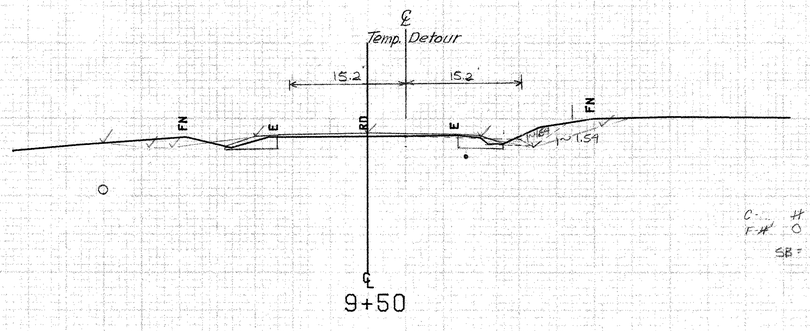
DETOUR
C - 39
F - 1
SB - 25

T.S.G. 17.02

20.0	484.7
24.0	484.0
34.0	486.3
40.0	487.8
25.0	486.4
20.0	484.7

480

C - 7 14
F - 8 3
SB - 14



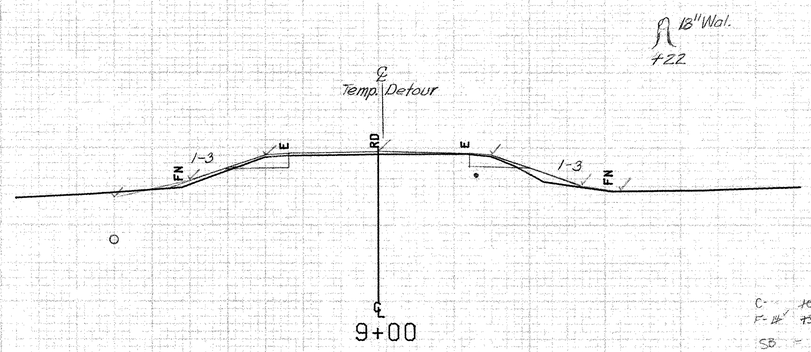
DETOUR
C - 8
F - 0
SB - 7

T.S.G. 17.02

18.0	486.5
22.0	486.2
31.0	487.0
35.0	490.0
18.0	486.5

480

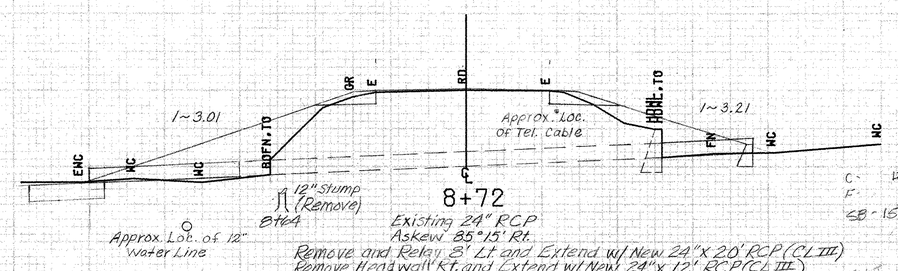
C - 11 12
F - 11 0
SB - 12



480

C - 10 14
F - 11 13 8
SB - 13.5

8+80 Rt.
Begin Construction of
Temporary Detour



490

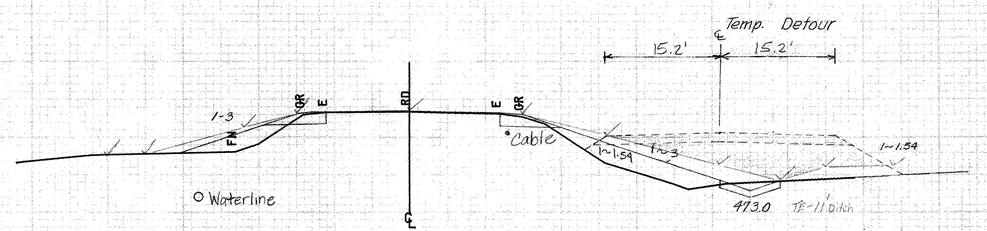
C - 12 14
F - 16 16.9
SB - 15

Existing 24" RCP
Askew 85°15' Rt.
Remove and Relay 8' Lt. and Extend w/ New 24" x 20' RCP (CL III)
Remove Headwall Rt. and Extend w/ New 24" x 12' RCP (CL III)
4'x10' Type II Stone Pad at Outlet and Cradle Headwall @ Inlet

SHOREHAM MM 3.73 ~ MM 3.88

SCALE 10 FEET

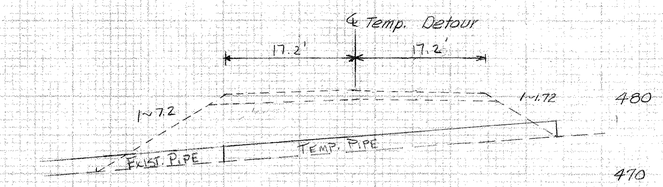
FROM STA. 8+72		TO STA. 10+00	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED 03/13/84	
SURVEYED BY	FANTONI	MARCH 84	
SHEET 253 OF 420	SHEETS	SHEET 253 OF 477	



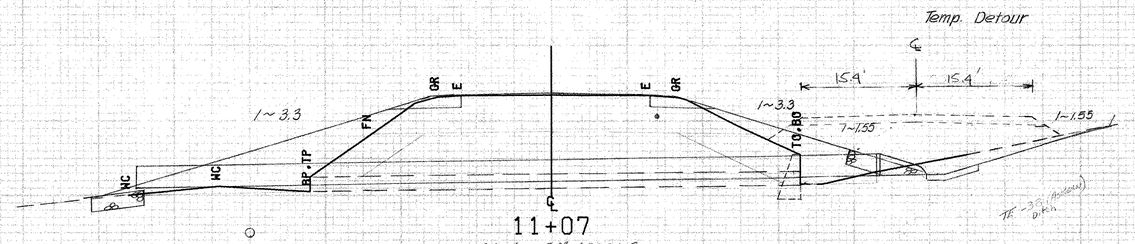
11+50

DETOUR
C - 0
F - 139
SB - 40

C - 4 9 15
F - 72 69
SB - 14

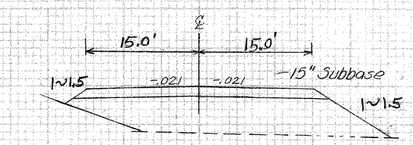


11+20 Rt. ~ 11+48 Rt.
TEMPORARY PIPE FOR DETOUR
24" X 44' CSP (.064) Mod. Askew 60° 30' Rt.



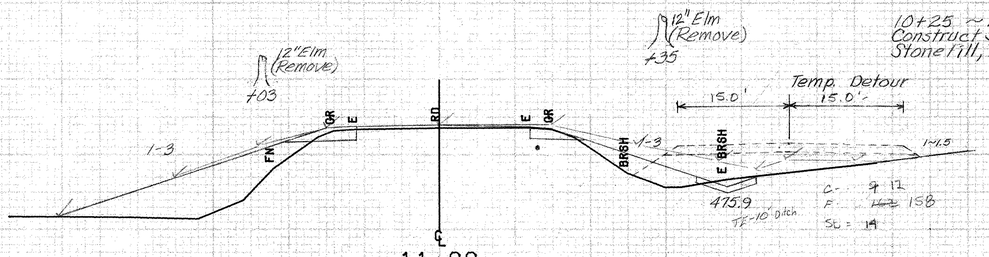
11+07

Existing 24" ACCGMP
Askew 66° 12' Rt.
Remove Existing Pipe ~ New 36" × 98' PCCSP (.079) w/ 36" CSPES (.079) or CAAP (.105) w/ 36" CAAPES (.075) Option Type II Stone Fill @ Inlet & 12' × 8' Type II Stone Pad @ Outlet



TEMPORARY DETOUR
TYPICAL SECTION

10+25 ~ 11+75 Rt.
Construct Special Ditch w/ Stone Fill, Type I



11+00

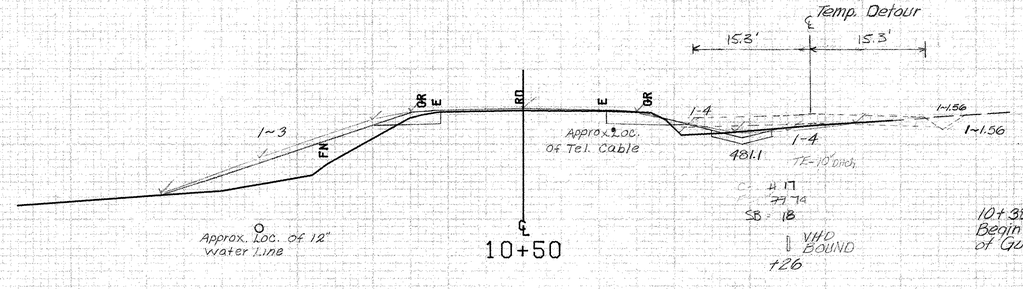
DETOUR
C - 0
F - 94
SB - 40

C - 9 12
F - 158
SB - 14

12" Wal. (Remove)
+70

DETOUR	REMOVAL
64	479.7
59	479.1
55	479.2
46	478.7
42	478.2
37	479.2
30	480.5
31	481.2
61	481.2
64	479.7

Rem 67.8'



10+50

DETOUR
C - 13
F - 12
SB - 40

C - 4 17
F - 79 74
SB - 18

VHD BOUND
+26

Approx. Loc. of 12" Water Line

10+38 Rt.
Begin Removal and Disposal of Guard Rail

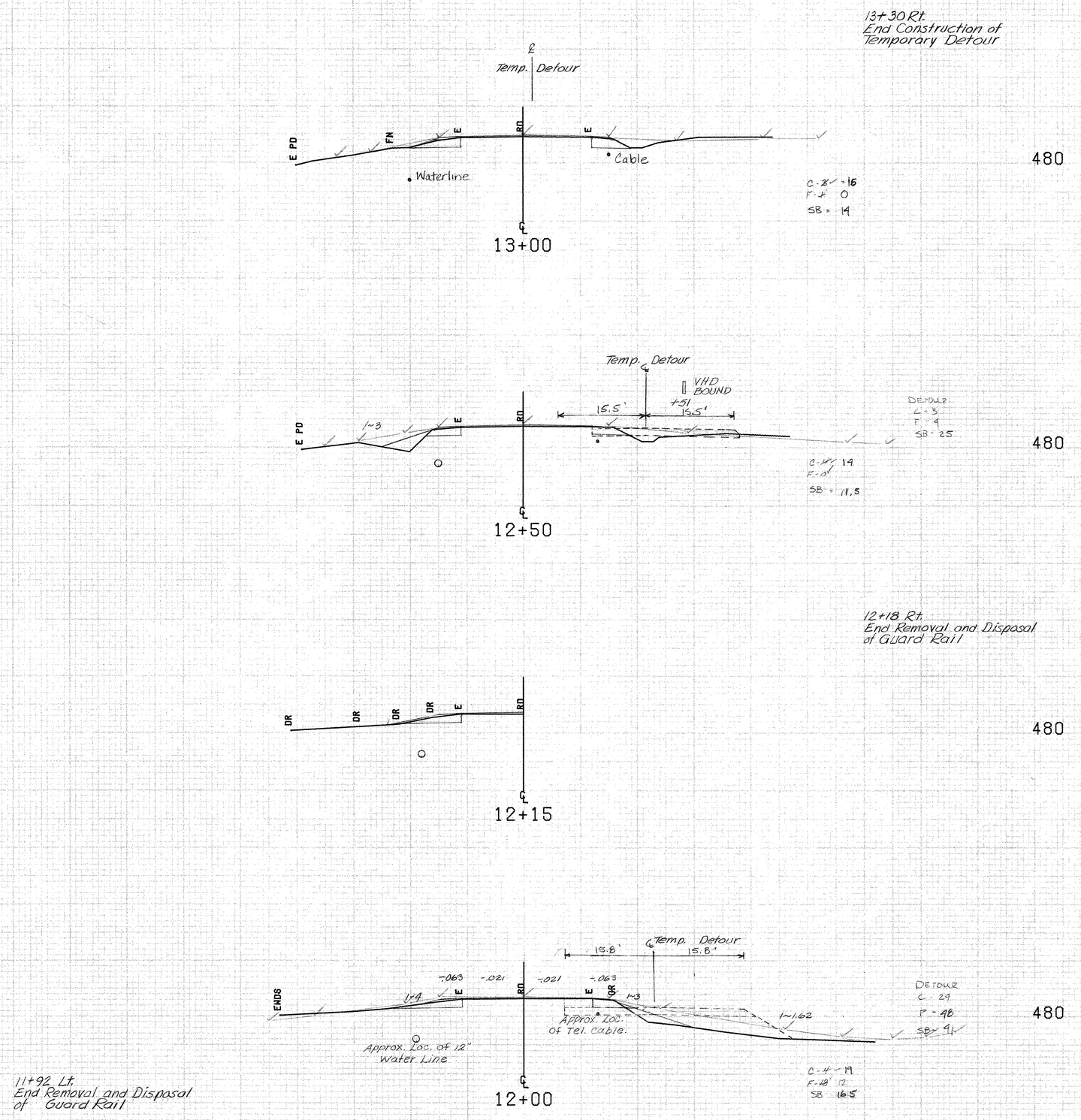
DETOUR	REMOVAL
53	483.7
44	483
35	481.8
28	481.8
24	482.8
23	483.5
38	484
53	483.7

Rem 39'

SHOREHAM MM 3.73 ~ MM 3.88

SCALE 10 FEET

FROM STA. 10+50		TO STA. 11+50	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED 03/13/84	
SURVEYED BY	FANTONI	MARCH 84	
SHEET 254 OF 420 SHEETS		SHEET 254 OF 477	



DETOUR	REMOVAL
38	482
29	482.6
20	483.3
37	483.3
38	482

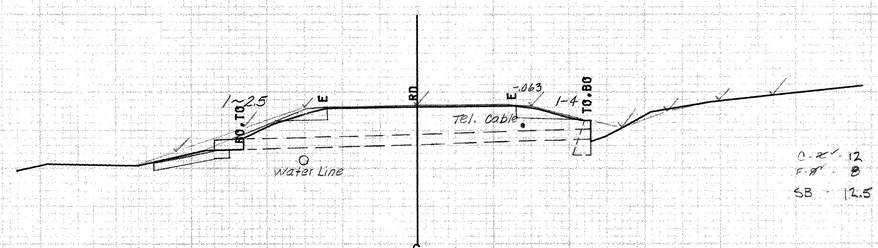
DETOUR	REMOVAL
44	478
24	481.6
22	481.7
39	481.4
44	478

SHOREHAM MM 3.73 ~ MM 3.88

FROM STA. 12+00		TO STA. 13+00	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED 03/13/84	
SURVEYED BY	FANTONI	MARCH 84	
SHEET 255 OF 420 SHEETS		SHEET 255 OF 477	

SCALE 10 FEET

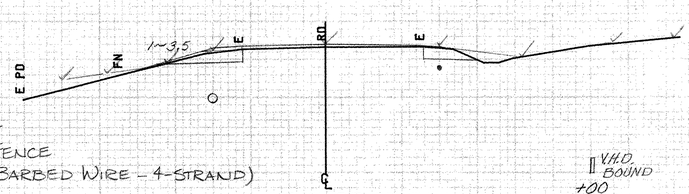
15+00 Lt
END GEOTEXTILE FABRIC for Silt fence



480

14+50
Existing 18" RCP
Askew 90°00'
Retain and Extend Lt. w/NEW 18"x4' RCP (CL.III)
and 3' x 10' Type I Stone Pad at Outlet

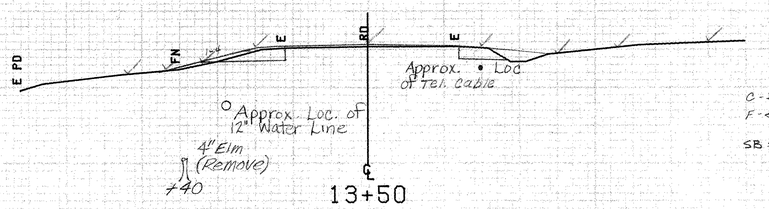




14+05 Lt ~ 20+75 Lt
REMOVE AND RESET FENCE
TEMPORARY FENCE (BARBED WIRE - 4-STRAND)

14+00

480



13+50

480

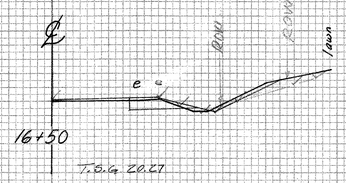
SHOREHAM MM 3.73 ~ MM 3.88

FROM STA.	13+50	TO STA.	14+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	03/13/84
SURVEYED BY	FANTONI		MARCH 84
SHEET 256 OF 420 SHEETS		SHEET 256 OF 477	

SCALE 10 FEET

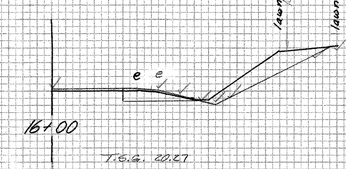
Rt.	
22.0	498.6
23.0	498.3
24.0	498.9
34.0	502.3
37.0	503.3
39.0	504.3
30.0	502.7
22.0	498.6

CUT 2.2 W



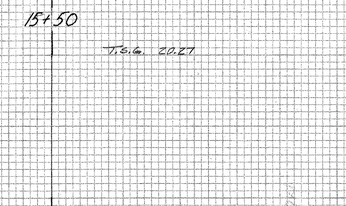
Rt.	
21.0	499.6
28.0	499.6
26.0	499.0
32.0	504.1
40.0	505.6
52.0	505.6
22.0	498.8
21.0	499.6

CUT 3.0 W



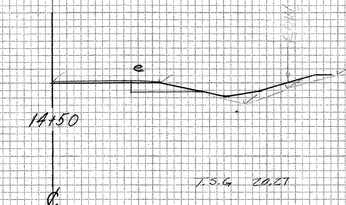
Rt.	
20.27	498.5
23.0	498.2
38.0	505.7
38.0	505.7
29.0	502.0
28.0	498.7
20.27	498.5

CUT 1.1 W



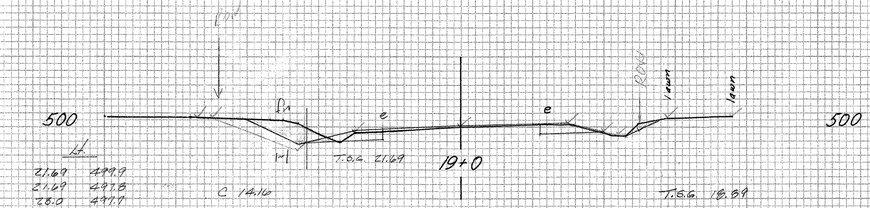
Rt.	
20.27	498.9
27.0	497.1
33.0	499.2
40.0	501.1
36.0	501.1
29.0	499.0
25.0	498.2
20.27	498.9

CUT 1.0 W



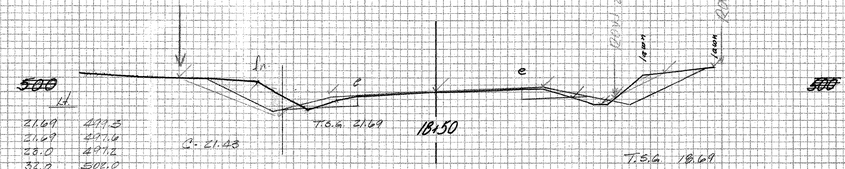
500 Lt	
21.69	499.9
21.69	497.8
28.0	497.9
30.0	501.1
25.0	501.0
25.0	500.5
21.69	499.9

14.16



Rt.	
28.0	498.8
29.0	501.0
26.0	500.5
23.0	498.8

CUT 2.7 W



500 Lt	
21.69	499.5
21.69	497.4
28.0	497.2
32.0	502.0
25.0	501.6
21.69	499.5

21.43

Rt.	
26.0	500.0
32.0	502.7
29.0	502.7
26.0	500.0

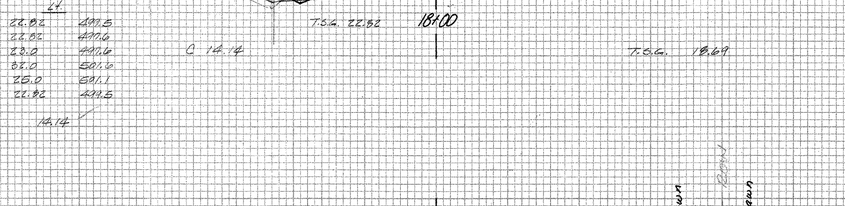
CUT 3.1 W

500 Lt	
22.82	499.5
22.82	499.6
23.0	499.6
32.0	501.6
25.0	501.1
22.82	499.5

14.14

Rt.	
28.0	498.6
24.0	498.4
26.0	499.2
30.0	501.3
38.0	505.1
31.0	505.8
34.0	505.4
27.0	501.7
23.0	498.6

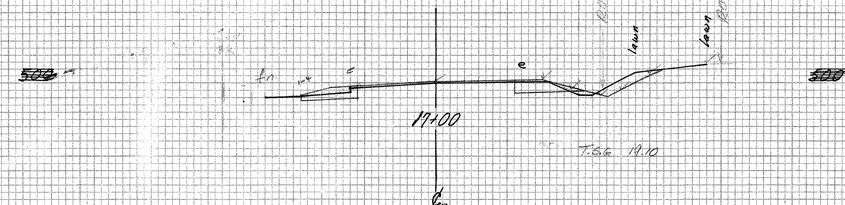
CUT 2.7 W



500 Lt	
21.47	498.3
21.47	498.0
23.0	497.8
28.0	500.0
25.0	500.0
21.47	498.3

5.71

CUT 1.5 W



Rt.	
21.0	498.0
23.0	498.7
29.0	501.7
26.0	504.6
22.0	500.5
21.0	498.0

CUT 1.7 W

500 Lt	
22.5	498.3
23.0	498.2
26.0	499.1
32.0	501.5
37.0	501.0
28.2	501.6
22.5	498.5

CUT 1.0 W

CUT 2.4 W

Sharon - Bridport - Addison
F017-1(2)
1450 Rt - 1940 Rt
17400 Lt - 17440 Lt
Sheet 250-A of 471

PLATE 3 CROSS SECTION C. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

PLOTTED/PENCIL DIEGEL 16/20

FINAL SURVEY NOTE BOOK
ORIGINAL SURVEY NOTE BOOK
SURVEYED
PLOTTED
TRACED
AREAS
AREAS CHECKED
BY
DATE

FINAL SURVEY — SURVEYED, PLOTTED, TRACED, NOTE BOOK, AREAS, AREAS CHECKED, NO., BY, DATE

ORIGINAL SURVEY — SURVEYED, PLOTTED, TRACED, NOTE BOOK, AREAS, AREAS CHECKED, NO., BY, DATE

Town N.12 H.W.M.

21+50

Lt.

20.27	498.4
22.0	498.4
23.0	498.0
26.0	499.4
20.27	498.2

T.S.G. 20.27

Cut 2.17

21+00

20.27	498.5
24.0	498.5
26.0	499.0
22.0	499.3
22.0	498.0
20.27	498.6

T.S.G. 20.27

Cut 2.73

20+50

18.6	498.0
22.0	498.0
23.0	497.8
20.0	500.3
23.0	500.3
18.5	498.0

T.S.G. 18.49

Cut 1.51

20+0

18.0	498.5
23.0	497.8
26.0	499.3
22.0	499.1
19.0	498.5

T.S.G. 18.89

Cut 1.41

19+50

20.27	498.2
21.0	498.1
20.0	498.1
26.0	498.9
34.0	500.9
25.0	501.7
20.27	499.6
20.27	498.1

T.S.G. 20.27

Cut 1.43

24+00

20.27	498.2
21.0	498.2
23.0	498.2
28.0	500.3
21.0	499.2
20.27	498.2

T.S.G. 20.27

Cut 1.57

23+50

20.27	498.5
24.0	498.5
26.0	499.0
22.0	499.3
22.0	498.0
20.27	498.6

T.S.G. 20.27

Cut 2.73

23+00

20.27	498.1
21.0	498.1
20.0	498.1
26.0	498.9
34.0	500.9
25.0	501.7
20.27	499.6
20.27	498.1

Cut 1.43

22+50

20.27	498.5
24.0	498.5
26.0	499.0
22.0	499.3
22.0	498.0
20.27	498.6

Cut 2.73

22+0

20.27	498.1
21.0	498.1
20.0	498.1
26.0	498.9
34.0	500.9
25.0	501.7
20.27	499.6
20.27	498.1

Cut 1.43

25+50

20.27	498.2
22.0	498.1
28.0	500.2
32.0	500.0
25.0	501.2
22.0	500.3
20.27	499.3
20.27	498.2

T.S.G. 20.27

C - 3.13

Cut 1.57

26+50

20.27	498.2
22.0	498.1
28.0	500.2
32.0	500.0
25.0	501.2
22.0	500.3
20.27	499.3
20.27	498.2

T.S.G. 20.27

C - 3.13

Cut 1.57

25+0

20.27	498.0
22.0	498.0
26.0	499.2
33.0	501.0
26.0	500.8
20.27	500.2
20.27	499.0

T.S.G. 20.27

T.S.G. 20.00

C - 3.90

Cut 1.69

Lt.	
20.0	500.0
22.0	498.9
22.0	498.9
20.0	500.1
22.0	500.7
20.0	500.6

3.90

24+50

20.27	497.5
21.0	497.5
22.0	497.5
29.0	501.0
20.27	499.6
20.27	497.5

T.S.G. 20.27

Cut 2.47

25+0

20.27	498.1
21.0	498.1
20.0	498.1
26.0	498.9
34.0	500.9
25.0	501.7
20.27	499.6
20.27	498.1

T.S.G. 20.27

C - 3.13

Cut 1.43

Rt.	
20.27	500.1
20.27	499.3
21.0	499.0
25.0	499.0
28.0	499.3
22.0	500.2
20.27	500.1

3.93

25+50

20.27	498.2
22.0	498.1
28.0	500.2
32.0	500.0
25.0	501.2
22.0	500.3
20.27	499.3
20.27	498.2

T.S.G. 20.27

C - 4.00

Cut 1.57

24+50

20.27	497.5
21.0	497.5
22.0	497.5
29.0	501.0
20.27	499.6
20.27	497.5

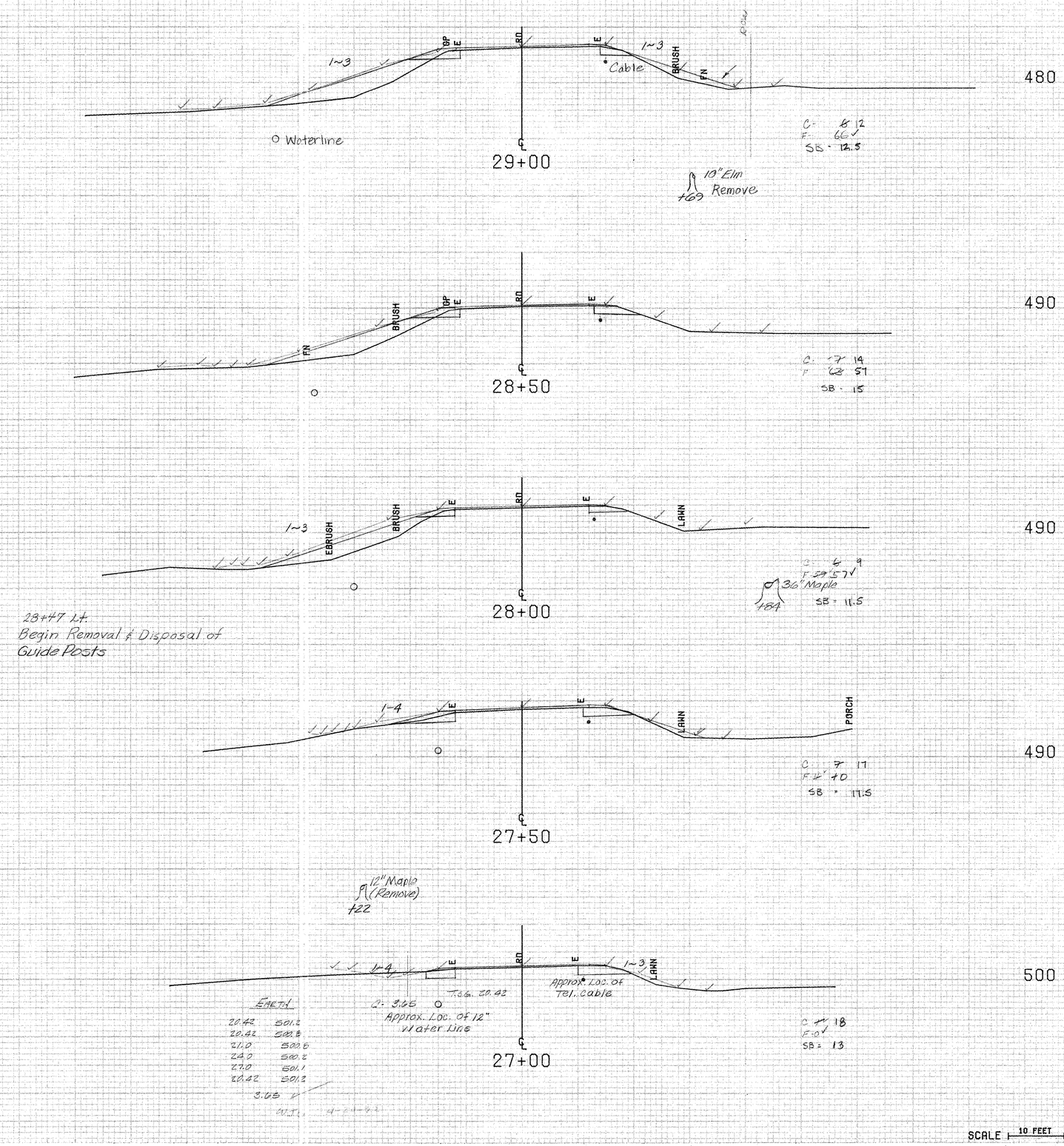
T.S.G. 20.27

Cut 2.47

Shoram-Bridport-Addison
F017-1(2)
19+50 ~ 26+50

Sheet 25-E of 477

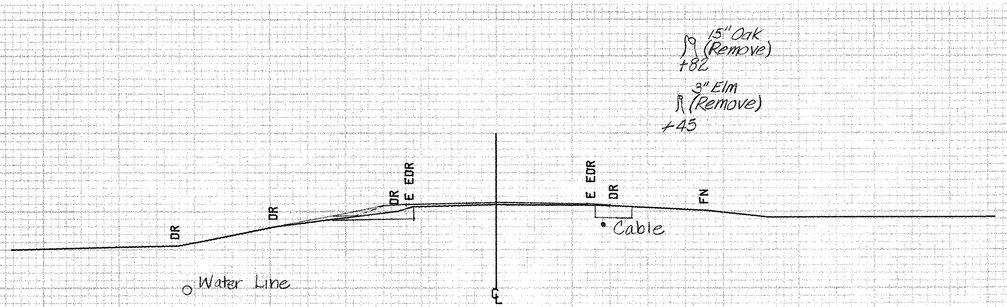
PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
METZGEN CORPORATION



Shoreham MM 4.09 ~ MM 4.18

SCALE 10 FEET

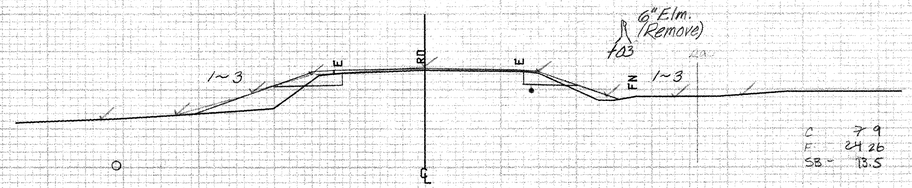
FROM STA. 27+00		TO STA. 29+00	
PROJECT NAME	SHOREHAM-ADDISON	MAIN1	
NO.	F017-1(2)	PLOTTED 01/09/85	
SURVEYED BY	FANTONI	DEC 1984	
SHEET 257 OF 420 SHEETS		SHEET 257 OF 477	



470

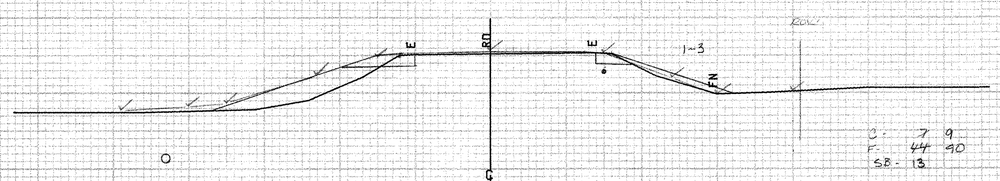
31+20 ~ 31+46 Rt
18" CMP - Retain

31+00 ~ 32+00 Rt
Removing and Resetting Fence
Temporary Barbed Wire Fence (4-Strand)



C 7 9
F 24 26
SB ~ 13.5

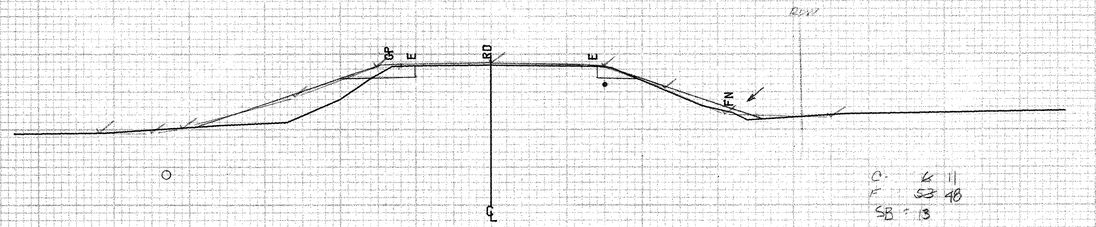
470



C 7 9
F 44 40
SB ~ 13

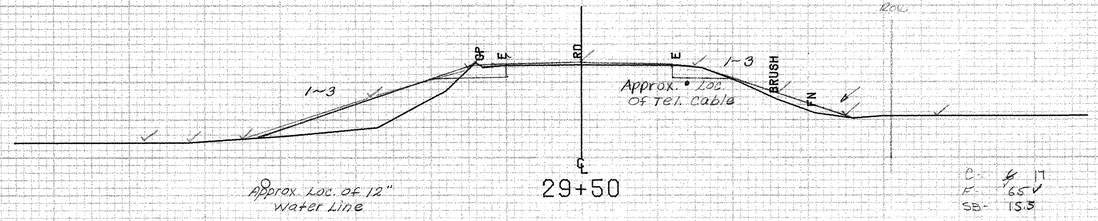
470

30+47 Lt.
End Removal & Disposal of
Guide Posts



C 6 11
F 53 48
SB ~ 13

470



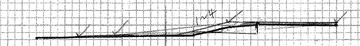
C 6 17
F 65 V
SB ~ 15.5

480

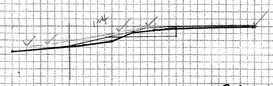
Shoreham MM 4.09 ~ MM 4.18

FROM STA.	29+50	TO STA.	31+30
PROJECT NAME	SHOREHAM-ADDISON		MAIN1
NO.	F017-1(2)		PLOTTED 01/09/85
SURVEYED BY	FANTONI		DEC 1984
SHEET 259 OF 480 SHEETS		SHEET 258 OF 477	

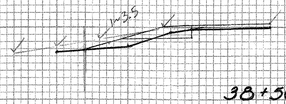
SCALE 10 FEET



33+50



36+00



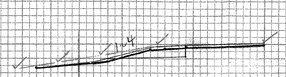
38+50



33+00



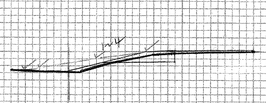
35+50



38+00



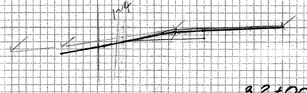
32+50



35+00



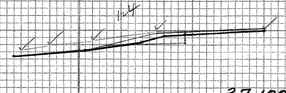
37+50



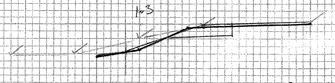
32+00



34+50



37+00



31+50



34+00



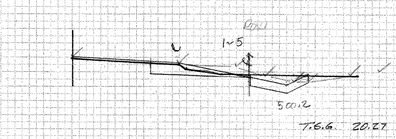
36+50

SHOREHAM - BRIDPORT - ADDISON
F017-1(12)
Original Section's
31+50 ~ 38+50 LT

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

SHEET 25B-A-L OF 477

SPECIAL DITCH (4)

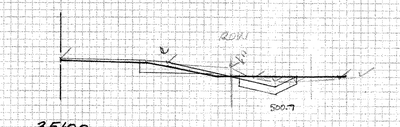


T.S.G. 20.27

35+50

500		
27.0	501.5	
31.0	500.7	
35.0	500.7	
39.2	501.6	
27.0	501.5	

CUT 51.8 SQ FT

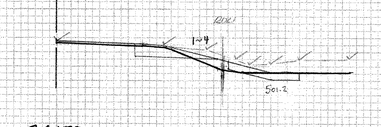


T.S.G. 20.27

35+00

500		
27.0	501.9	
30.0	501.2	
33.0	501.2	
39.0	501.7	
42.0	502.1	
27.0	501.9	

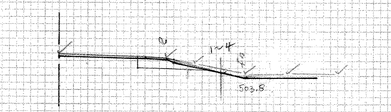
CUT 7.33 SQ FT



34+50

BEGIN CONSTRUCTION OF SPECIAL DITCH 34+50 ~ 40+00 (TO BE PAID AS TRENCH EXCAVATION) W/ STONE FILL TYPE I

500



34+00

500

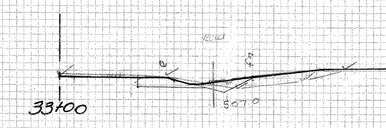


T.S.G. 20.27

33+50

500		
20.27	507.0	
22.0	505.9	
24.0	505.3	
26.0	505.3	
85.0	505.6	
21.0	508.0	
20.27	507.0	

CUT 13.67 SQ FT

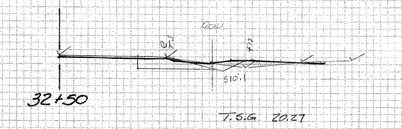


T.S.G. 20.27

33+00

510		
20.27	508.2	
25.0	507.7	
34.0	508.7	
20.0	510.2	
37.0	510.2	
27.0	507.1	
20.27	508.2	

CUT 14.1 SQ FT

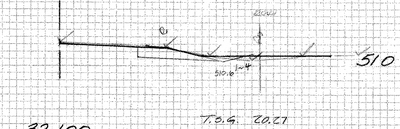


T.S.G. 20.27

32+50

510		
20.27	510.0	
26.0	509.0	
34.0	510.4	
27.0	510.6	
24.0	510.0	
20.27	510.0	

CUT 7.89 SQ FT



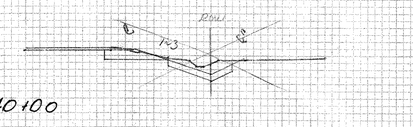
T.S.G. 20.27

32+00

510

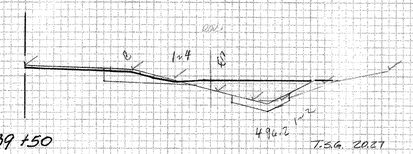
510		
20.27	510.8	
21.0	511.6	
26.0	510.8	
34.0	511.6	
20.27	510.8	
20.27	510.8	

CUT 4.81 SQ FT



40+00

500

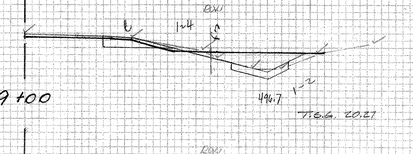


T.S.G. 20.27

39+50

500		
20.27	499.0	
23.50	499.0	
27.0	498.0	
32.0	496.7	
36.0	496.7	
42.0	498.0	
44.0	501.0	
20.27	499.0	

CUT 47.89 SQ FT

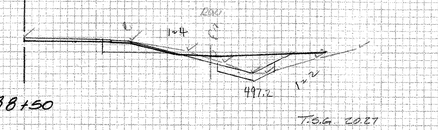


T.S.G. 20.27

39+00

500		
26.0	499.5	
27.0	498.5	
32.0	497.1	
36.0	497.1	
41.0	498.2	
26.0	499.5	

CUT 23.45 SQ FT

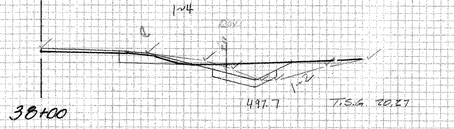


T.S.G. 20.27

38+50

500		
24.0	500.0	
28.0	498.7	
32.0	497.1	
36.0	497.1	
41.0	498.4	
46.0	500.0	
24.0	500.0	

CUT 9.27 SQ FT
498.5

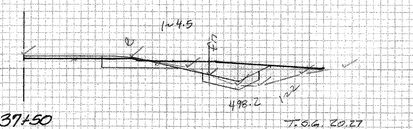


T.S.G. 20.27

38+00

500		
24.0	500.0	
27.0	498.3	
31.0	497.6	
33.0	497.6	
40.0	498.6	
46.0	500.6	
24.0	500.0	

CUT 20.15 SQ FT

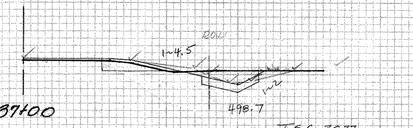


T.S.G. 20.27

37+50

500		
20.27	500.1	
28.0	500.3	
29.0	499.8	
30.0	499.9	
33.0	499.9	
39.0	499.6	
45.0	500.8	
20.27	500.1	

CUT 24.1 SQ FT

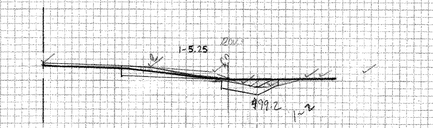


T.S.G. 20.27

37+00

500		
25.0	500.4	
26.0	500.1	
29.0	499.1	
32.0	499.1	
38.0	500.3	
25.0	500.4	

CUT 11.05 SQ FT

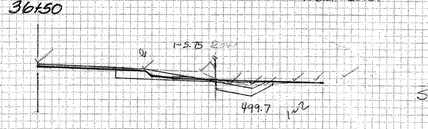


T.S.G. 20.27

36+50

500		
26.0	500.3	
28.0	499.8	
29.0	499.2	
32.0	499.2	
37.0	500.5	
26.0	500.3	

CUT 2.37 SQ FT



T.S.G. 20.27

36+00

500		
25.0	500.6	
27.0	499.6	
30.0	500.0	
32.0	500.0	
36.0	500.8	
25.0	500.6	

CUT 2.4 SQ FT

500

SHORE HAM - 108/0201 - 400150N

FOIT-1(2)

32+00 ~ 39+50 ET

Original Sections

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DEVOON CORPORATION

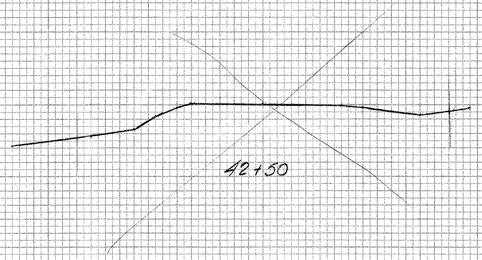
PLOTTED 12/20/ R.BOSSERT

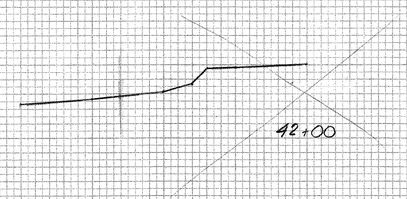
SHEET 258-A-R OF 477

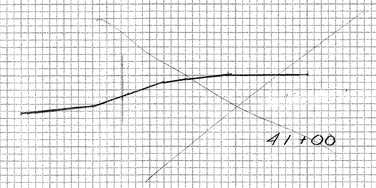
FINAL SURVEY NOTE BOOK NO. — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED, BY, DATE

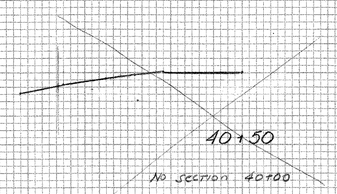
ORIGINAL SURVEY NOTE BOOK NO. — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED, BY, DATE

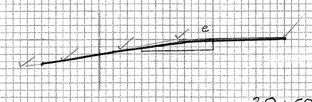
6

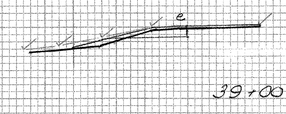


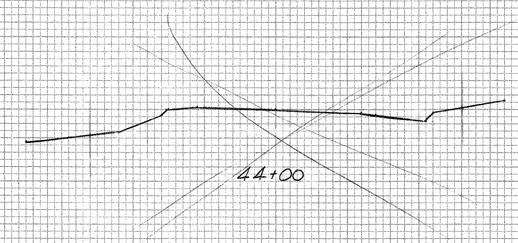


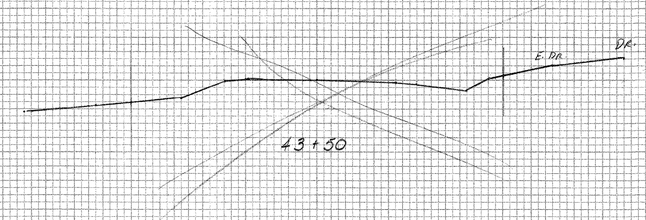


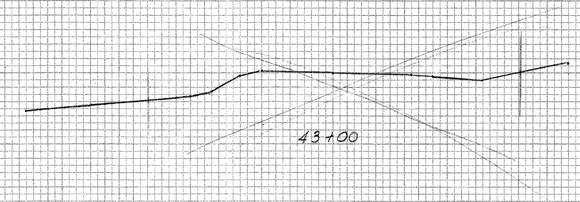












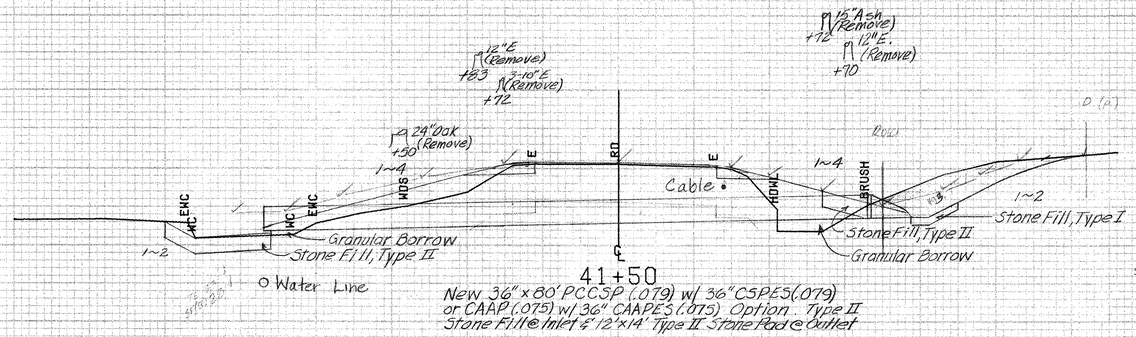
FINAL SURVEY
NOTE BOOK No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

SHOREHAM-BRIDPORT-ADDISON
F 017-1(2)
39+00 - 39+50 Lt
Original Sections

Rev. [illegible] 12-21-90

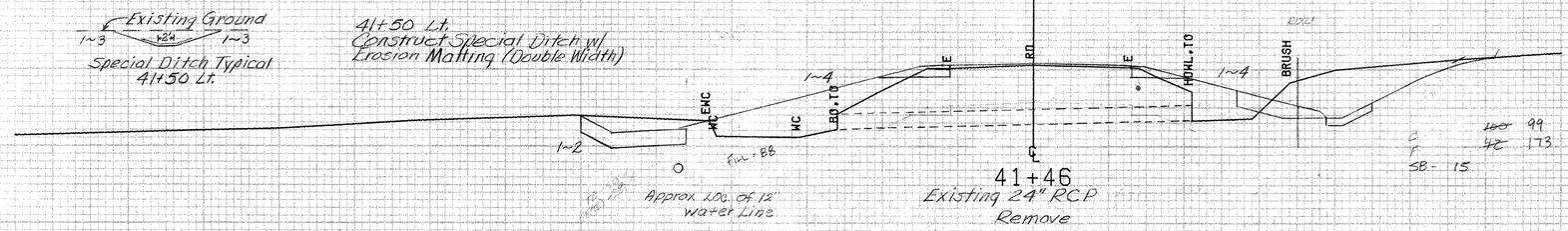
PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION



500

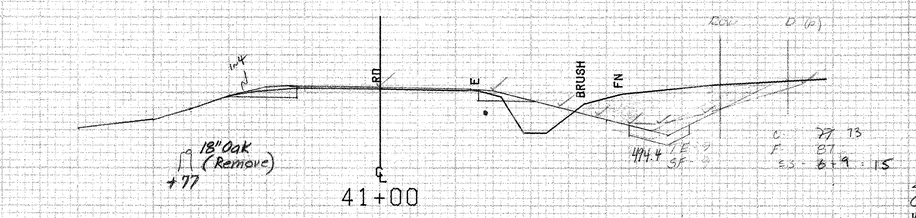
33.0	495.4
34.0	495.1
43.0	497.5
49.0	499.3
58.0	500.8
50.0	500.8
42.0	498.9
33.0	495.4

C 74
F 90
SB = 15



500

C 99
F 173
SB = 15

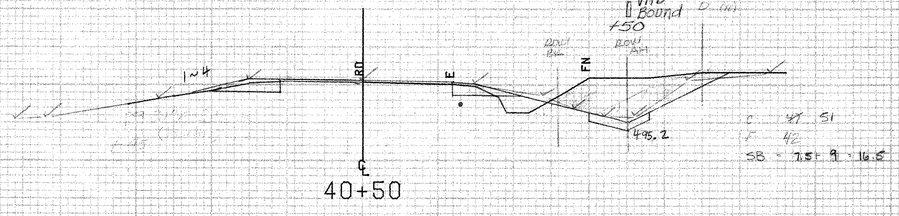


500

26.0	497.9
29.0	497.0
35.0	496.0
37.0	496.0
43.0	497.5
45.0	498.0
62.0	501.2
82.0	499.7
67.0	498.7
26.0	497.9

C 27 73
F 87
SB = 6+9 = 15

40+00 ~ 41+65 Rt.
Construct Special Ditch (Trench Ex.) w/ Stone Fill, Type I

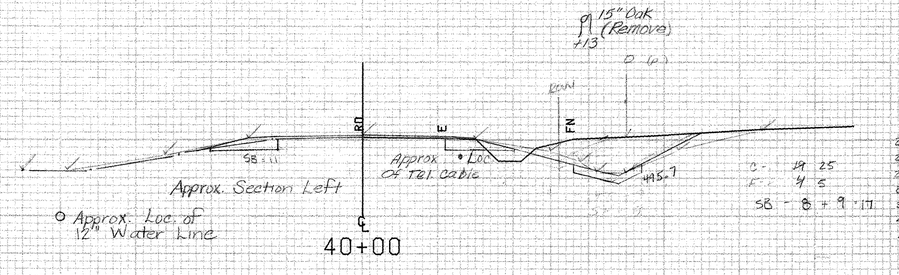


500

25.0	497.7
29.0	497.1
32.0	496.1
86.0	496.1
43.0	500.6
47.0	501.0
48.5	501.9
45.0	501.7
38.0	501.0
30.0	501.0
25.0	497.7

C 47 51
F 42
SB = 7.5+9 = 16.5

39+75 Rt ~ 41+25 RT
REMOVE EXISTING FENCE (NON-PART.)



500

25.0	497.0
25.0	496.7
27.0	497.3
27.0	495.1
35.0	495.1
45.0	501.0
28.0	500.1
25.0	497.0

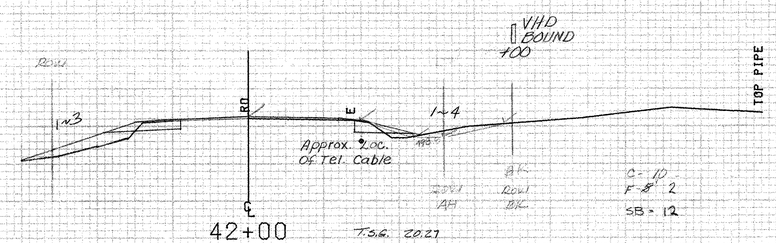
C 19 25
F 4 5
SB = 8+9 = 17

39+75 ~ 41+50 Rt
Removing and Resetting Fence
Temporary Barbed Wire Fence (4-Strand)

SHOREHAM MM 4.33 ~ 4.37

FROM STA.	40+00	TO STA.	41+50
PROJECT NAME	SHOREHAM-ADDISON		MAINZ
NO.	F017-1(2)	PLOTTED	01/09/85
SURVEYED BY	FANTONI	DEC	1984
SHEET 257 OF 420 SHEETS		SHEET	259 OF 477

SCALE 10 FEET



22.0	496.5
26.0	498.6
34.0	500.4
29.0	500.0
22.0	496.5

500

SCALE 10 FEET

SHOREHAM NAM 4.33 — 4.37

FROM STA.	42+00	TO STA.	42+00
PROJECT NAME	SHOREHAM-ADDISON		MAIN2
NO.	F017-1(2)	PLOTTED	01/09/85
SURVEYED BY	FANTONI	DEC 1984	
SHEET 260 OF 420 SHEETS		SHEET 260 OF 477	

ROAD WAY SECTIONS 7

42 + 50 TO 44+00

FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TRACED
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED Brady / Fairchild
PLOTTED Kostas
TRACED Kostas
AREAS
AREAS CHECKED
BY
DATE 12-20-95 1-12-97

500

21.09	497.9
25.0	497.2
27.0	500.5
22.0	499.4
21.09	498.4
21.09	497.9

Cut 8-4-92 WTG

500

20.51	498.0
22.0	498.0
26.0	498.0
29.0	500.0
31.0	501.1
24.0	500.2
21.0	499.5
20.51	498.0

Cut 10-8-92 WTG

500

20.17	498.3
21.0	498.0
25.0	498.0
29.0	500.1
31.0	500.7
33.0	501.6
21.0	499.0
20.17	498.3

Cut 10-12-92 WTG

500

19.86	498.6
23.0	497.7
25.0	497.7
29.0	498.7
34.0	499.8
19.86	498.6

Cut 10-12-92 WTG

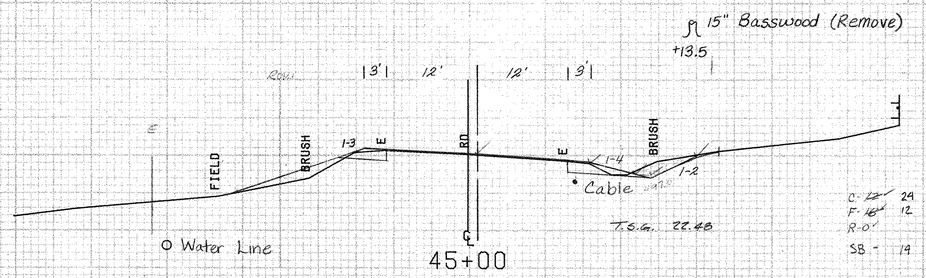
SHOREHAM-BRIDPORT-ADDISON
F 017-1(2)
42+50 - 44+00
ORIGINAL SECTIONS

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

Cut 2-4-92 WTG

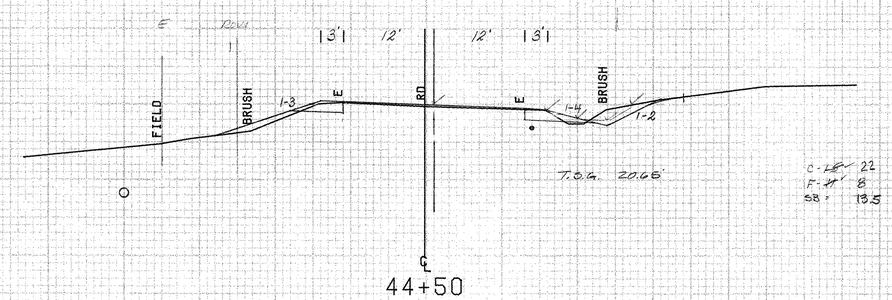
SHEET 260-A OF 477

NOTE: The 15" Basswood at 45+13.5 is marking a Property Line Corner. The tree shall be tied in before Removal and replaced by a Boundary Marker.



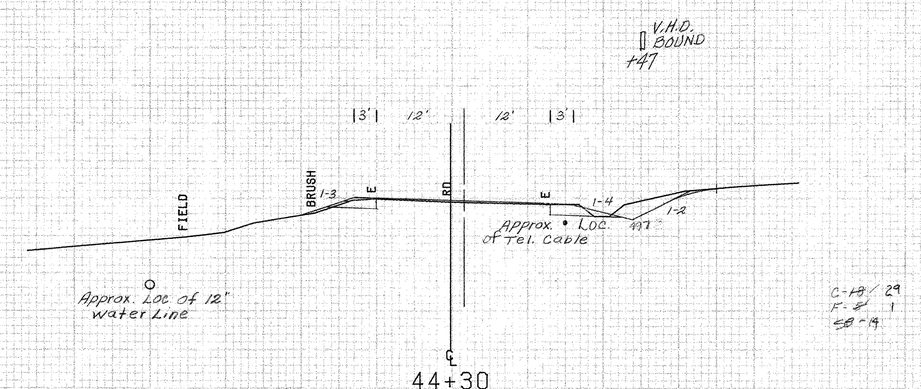
500

22.48	497.2
23.0	497.3
31.0	500.0
25.0	499.4
22.48	497.2



21.50	498.0
23.0	498.0
27.0	499.9
24.0	499.4
21.50	498.0

490

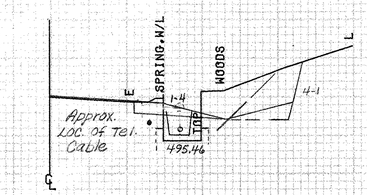


490

SHOREHAM MM 4.39 ~ MM 4.52

FROM STA. 44+30	TO STA. 45+00	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON	
NO.	F017-1(2)	PLOTTED 03/29/84
SURVEYED BY	FANTONI	03/84
SHEET 261 OF 420 SHEETS	SHEET 261 OF 477	

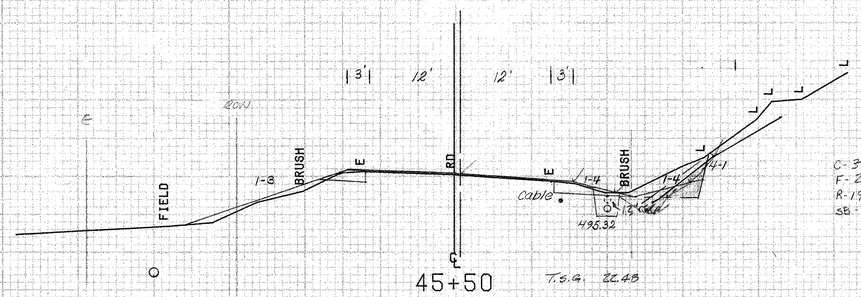
SCALE 10 FEET



45+78 Rt.
Exist. Spring w/ 5'x5' Concrete Cover
Remove to Elev. 496.0 and Backfill
w/ Stone Fill, Type I

500

45+49 Rt. ~ 45+76 Rt.
Existing 12" CMP REMOVE

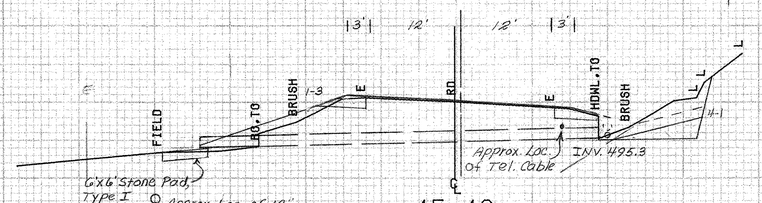


Rock		Earth	
23.5	495.7	22.48	496.2
24.0	495.3	23.5	495.7
26.0	495.3	33.0	502.0
27.0	497.3	30.0	501.4
32.0	497.3	22.48	496.0
33.0	502.0	22.48	496.2
23.5	495.7		

C- 35 45
F- 25
R- 19
SB- 12.5

500

45+46 Rt.
Begin 6" x 54' Underdrain



C- 49 56
F- 42
R- 42 15
SB- 14

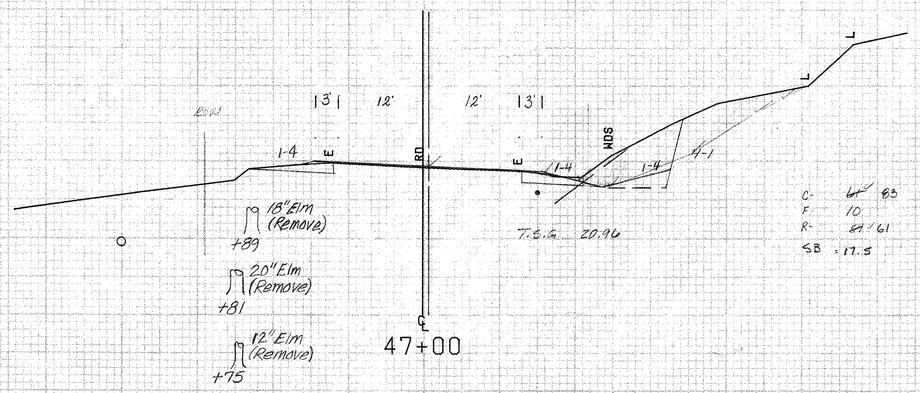
500

Existing 18" R.C.P. ~ Retain
Extend w/ New 18"x 8' RCP CL III w/
6'x6' Stone Fill Pad @ Outlet
REMOVE L PORTION OF INLET HEADWALL

SHOREHAM MM 4.39 ~ MM 4.52

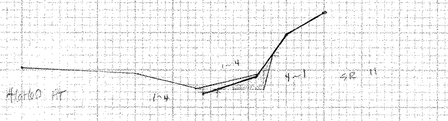
FROM STA.	45+46	TO STA.	45+78
PROJECT NAME		SHOREHAM-BRIDPORT-ADDISON	
NO.		F017-1(2)	PLOTTED 03/29/84
SURVEYED BY		FANTONI	03/84
SHEET 262 OF 420 SHEETS		SHEET 262 OF 477	

SCALE 10 FEET



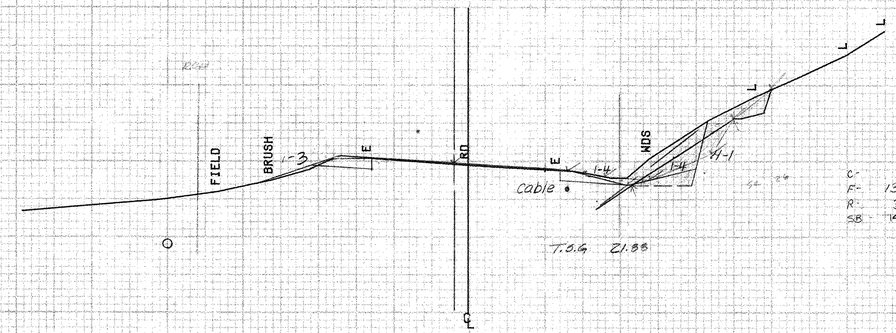
EARTH	
20.96	497.0
24.0	496.7
35.0	501.2
44.0	506.8
47.0	505.3
48.0	510.0
38.4	507.8
24.0	501.0
24.96	496.5
24.96	497.0

490



Rock	
26	497.3
31	499.0
33	502.2
32	497.3
26	497.3

500

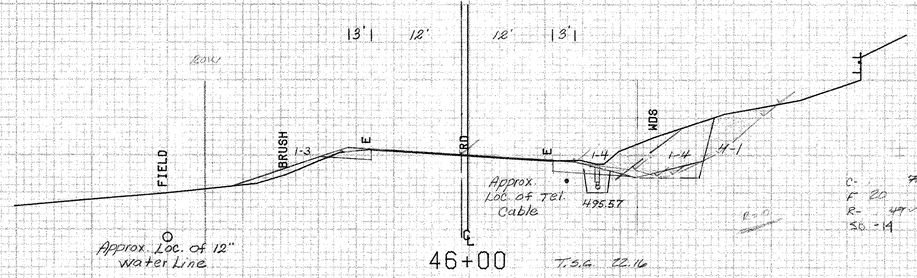


Rock	
23.6	497.0
31.0	497.0
32.0	500.2
34.0	501.0
37.0	505.7
23.6	497.0

490

EARTH	
21.88	497.0
23.6	497.0
37.0	505.7
41.0	508.3
42.0	509.5
28.0	502.4
28.0	495.7
21.88	493.0
21.88	497.0

46+00 Rt.
End 6" x 54' Underdrain w/ Flushing Basin



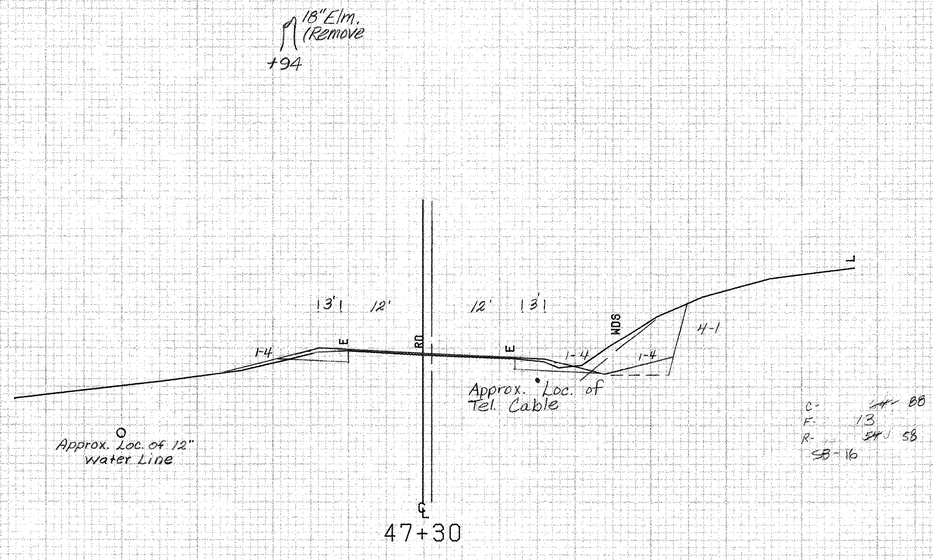
EARTH	
22.16	498.0
25.0	498.1
26.0	497.4
28.0	497.6
34.0	500.4
42.0	505.3
42.0	505.9
36.0	505.8
22.16	500.7
22.16	498.0

500

SHOREHAM MM 4.39 ~ MM 4.52

SCALE 10 FEET

FROM STA.	46+00 TO STA. 47+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON
NO.	FO17-1(2) PLOTTED 03/29/84
SURVEYED BY	FANTONI 03/84
SHEET 263 OF 420 SHEETS	SHEET 263 OF 477

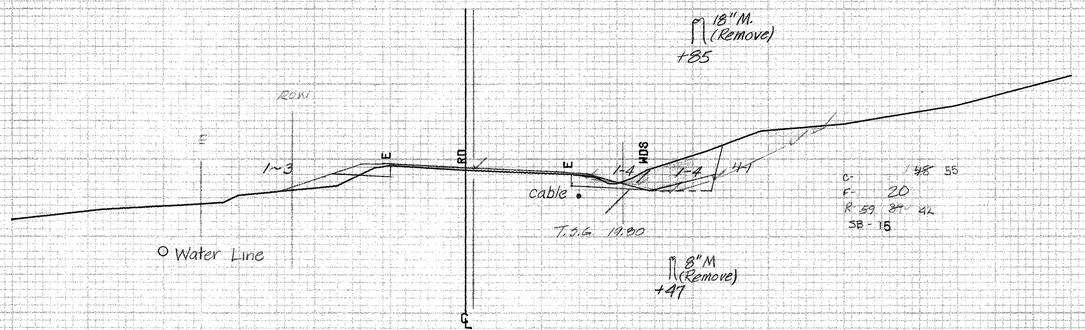


490

SHOREHAM MM 4.39 ~ MM 4.52

FROM STA.	47+30	TO STA.	47+30
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	03/29/84
SURVEYED BY	FANTONI	03/84	
SHEET 264 OF 420 SHEETS		SHEET 264 OF 477	

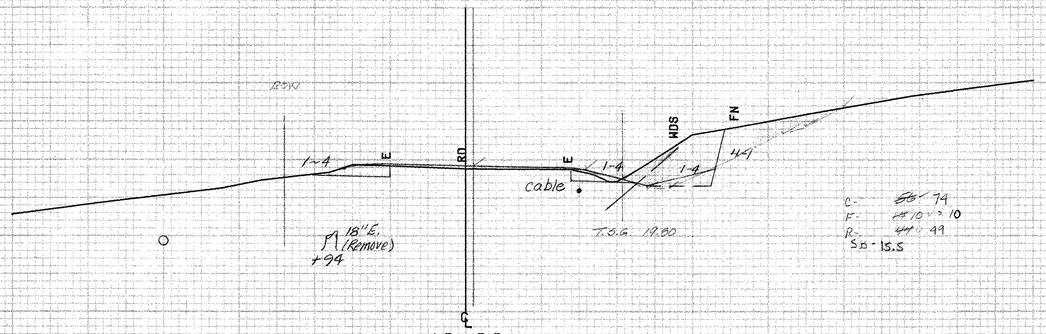
SCALE 10 FEET



490

EARTH

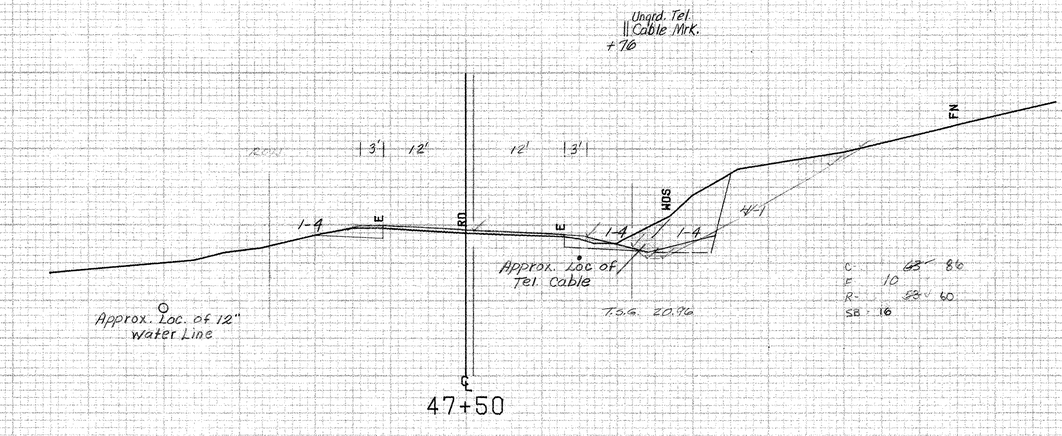
19.80	496.1
22.0	496.8
26.0	496.8
32.0	497.5
42.0	501.8
47.0	504.4
38.0	503.7
23.0	498.8
19.80	497.0
19.80	496.1



490

EARTH

19.80	497.2
23.0	496.2
25.0	496.5
35.0	500.6
41.0	503.4
44.0	504.4
42.0	502.3
27.0	498.2
19.80	497.3
19.80	497.2



490

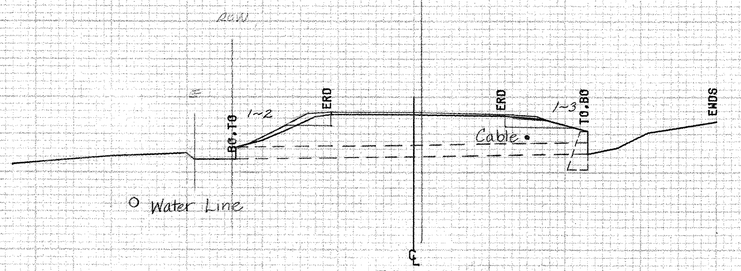
EARTH

20.96	497.1
23.0	496.6
26.0	496.6
36.0	501.1
47.0	507.9
51.0	510.0
36.0	501.4
29.0	498.0
26.0	501.0
20.96	498.7
20.96	497.1

SHOREHAM N.M. 4.39 ~ M.M. 4.52

FROM STA.	47+50	TO STA.	48+50
PROJECT NAME	SHOREHAM-ADDISON		MAIN3
NO.	F017-1(2)		PLOTTED 01/09/85
SURVEYED BY	FANTONI		DEC 1984
SHEET 265 OF 420 SHEETS			SHEET 265 OF 477

SCALE 10 FEET



50+46

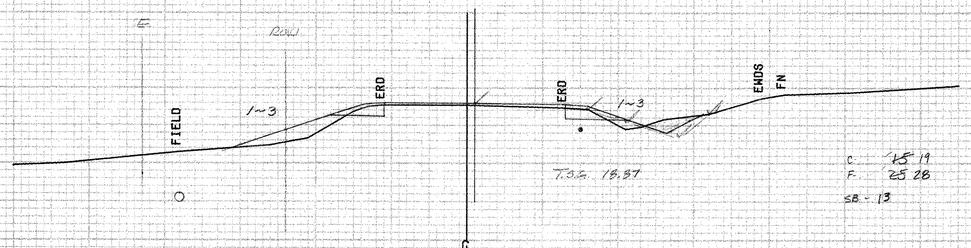
Existing 18" R.C.P. ~ Retain

490

EARTH

22.50	495.0
25.0	494.0
31.0	493.5
25.0	495.9
22.50	495.0

CUT 8.05



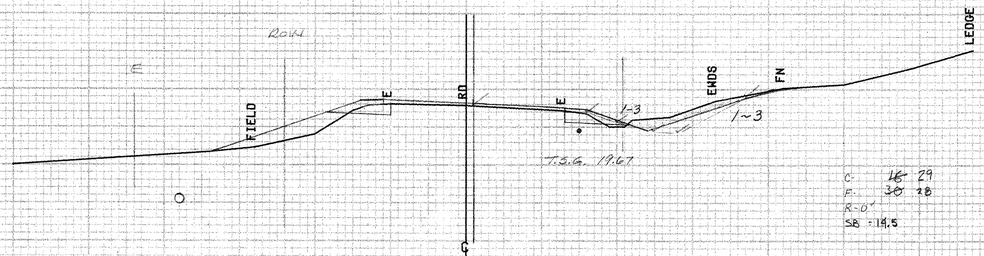
50+00

490

EARTH

19.67	495.3
24.0	494.5
36.0	493.7
32.0	493.5
26.0	494.4
21.0	496.0
20.3	495.4
19.67	495.7
19.67	495.3

CUT 17.17



49+50

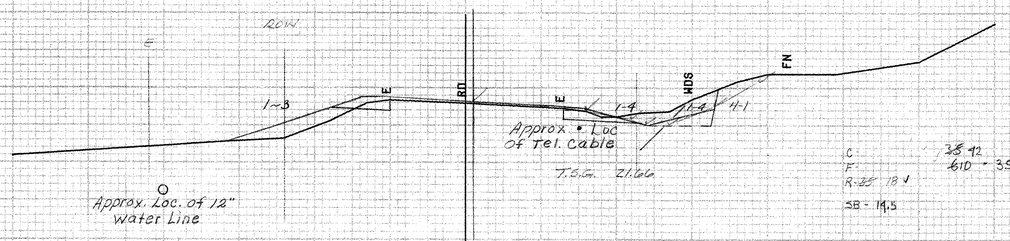
490

EARTH

21.66	495.3
23.0	495.1
26.0	495.2
32.0	497.4
38.0	500.8
40.0	502.0
35.0	501.0
29.0	498.5
26.0	497.0
21.66	495.6
21.66	495.3

CUT 31.14

2-6" M
+25
(Remove)

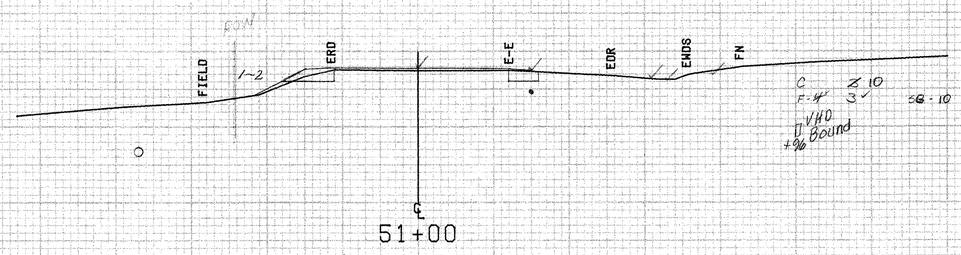


49+00

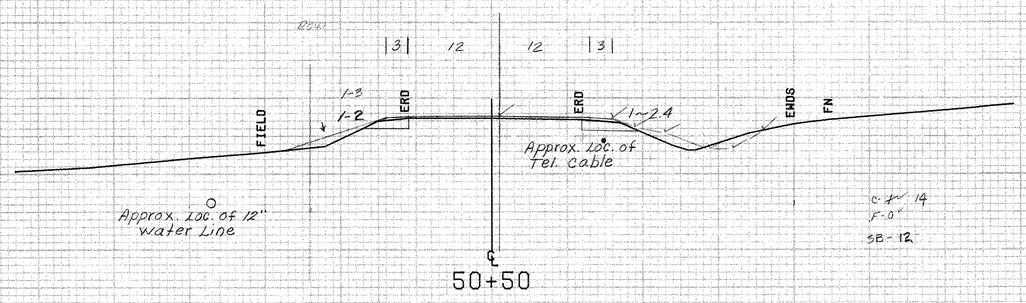
SHOREHAM MM 4.39 ~ MM 4.52

FROM STA.	49+00	TO STA.	50+46
PROJECT NAME	SHOREHAM-ADDISON		MAIN3
NO.	F017-1(2)		PLOTTED 01/09/85
SURVEYED BY	FANTONI		DEC 1984
SHEET 266 OF 420 SHEETS		SHEET 266 OF 477	

SCALE 10 FEET



490

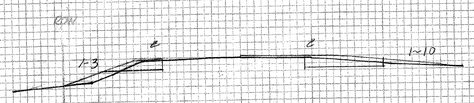


490

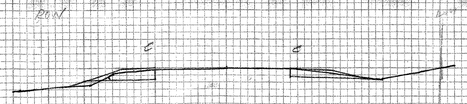
SHOREHAM MM 439 ~ MM 452

FROM STA.	50+50	TO STA.	51+00
PROJECT NAME	SHOREHAM-ADDISON		MAIN3
NO.	F017-1(2)	PLOTTED	01/09/85
SURVEYED BY	FANTONI	DEC 1984	
SHEET 267 OF 420 SHEETS		SHEET 267 OF 477	

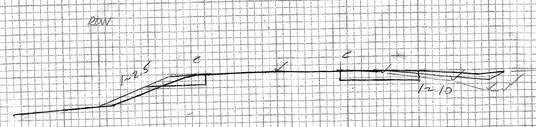
SCALE 10 FEET



53+00



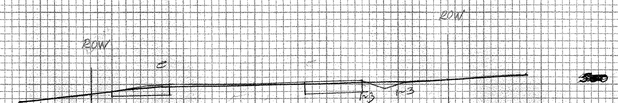
55+50



52+50



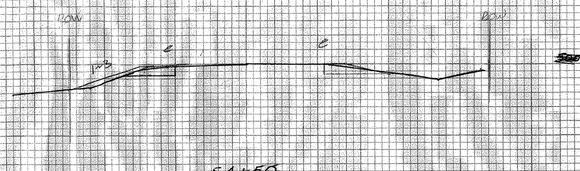
55+00



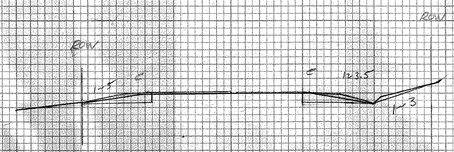
57+00



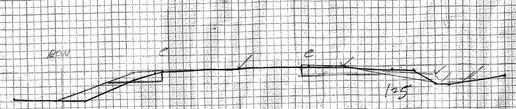
52+00



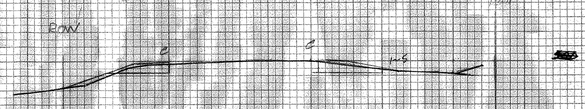
54+50



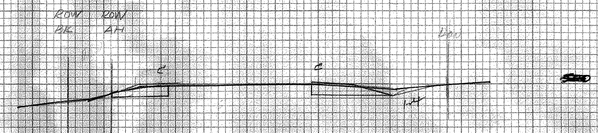
56+50



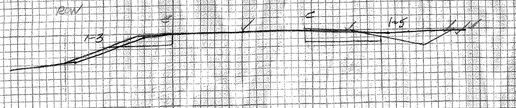
52+00



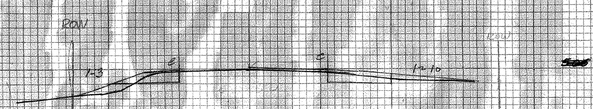
54+00



56+00



51+50



53+50

SHOREHAM-BRIDPORT-ADDISION

F 017-1 (2)

51+50 ~ 57+00

Original Sections

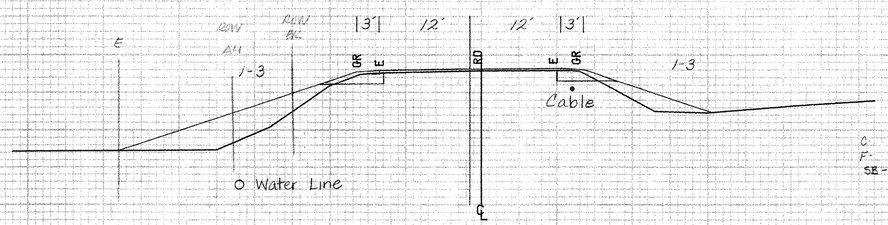
Plotted on 7/6/2021 11-2-91

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

72
76
46

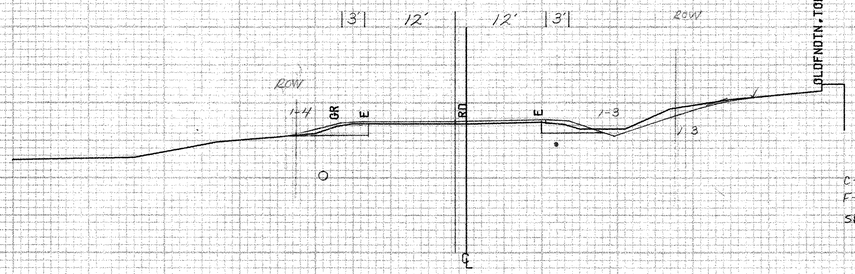


58+50

C: 6 13
F: 92 99
SB-135

500

58+06 Rt.
Begin Removal And Disposal Of Guard Rail

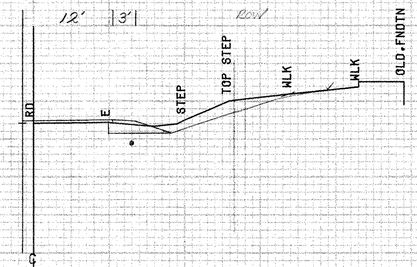


58+00

C: 25 32
F-3' 10
SB-15

500

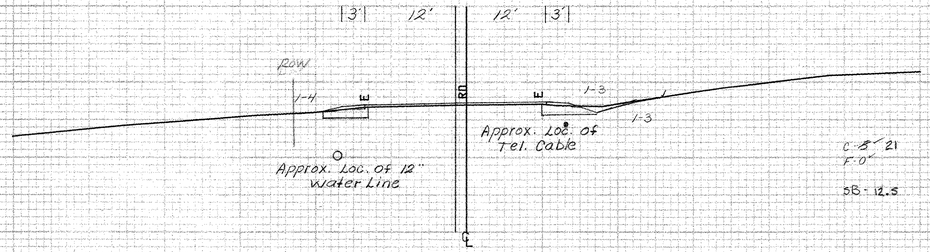
+97
Pole #17



57+80

500

57+74 Lt.
Begin Removal And Disposal Of Guard Rail



57+50

C-8 21
F-0"
SB-12.5

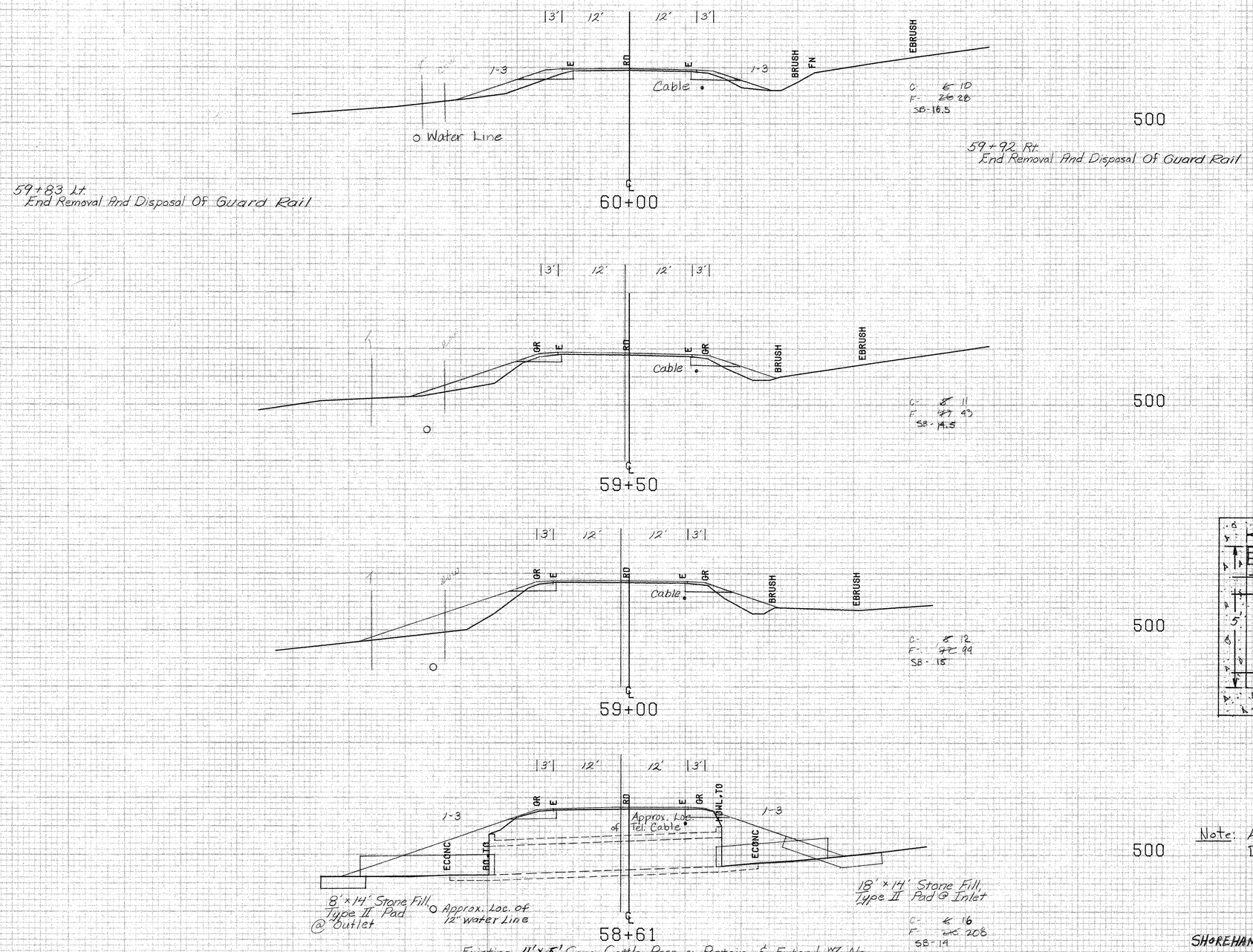
500

#11 2-24" Elm (Remove)

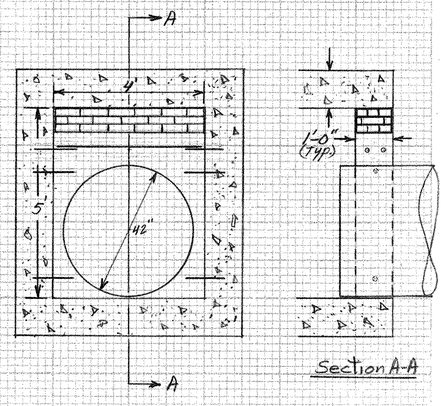
SHOREHAM MM 4.61 - MM 4.74

FROM STA. 57+50	TO STA. 58+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON
NO.	F017-1(2) PLOTTED 01/16/85
SURVEYED BY	FANTONI DEC 1984
SHEET 268 OF 426 SHEETS	SHEET 268 OF 477

SCALE 10 FEET



Existing 4'×5' Conc. Cattle Pass ~ Retain & Extend w/ New 42"×20' CSP (.109) @ Inlet & New 42"×24' CSP (.109) @ Outlet



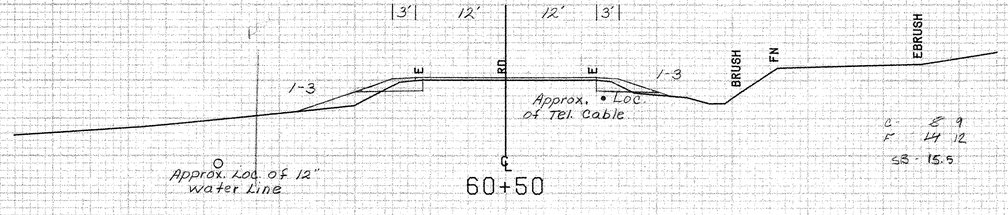
End Dam Detail (Typ.)
NTS

Note: All Concrete Class B
Dowels & Reinforcing Bars will be 5/8" Ø

SHOREHAM MM 4.61 ~ MM 4.74

FROM STA. 58+61		TO STA. 60+00	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED 01/16/85	
SURVEYED BY	FANTONI	DEC 1984	
SHEET 269 OF 420 SHEETS		SHEET 269 OF 477	

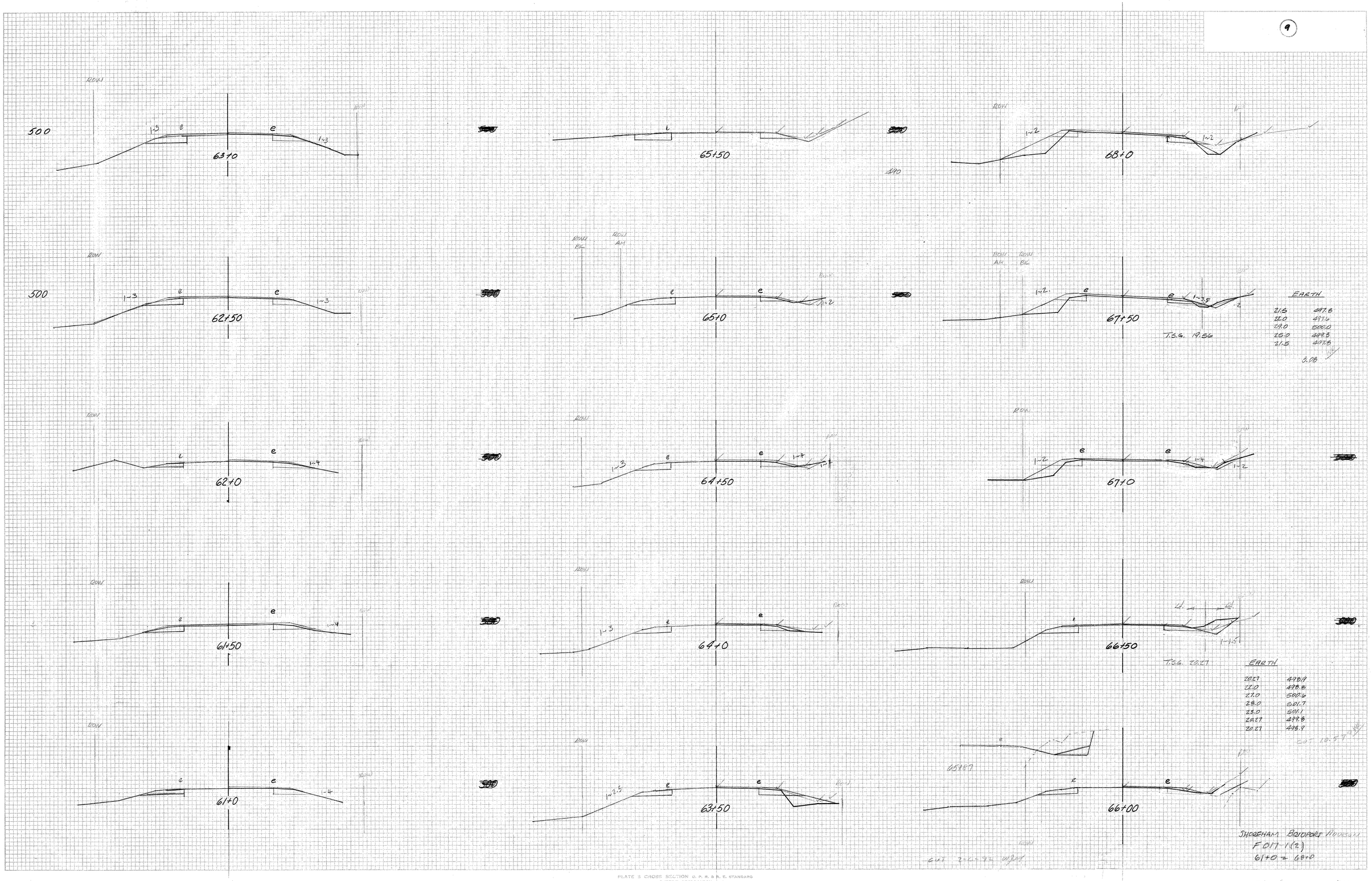
SCALE 10 FEET



SHOREHAM MM 4.61 ~ MM 4.74

FROM STA.	60+50	TO STA.	60+50
PROJECT NAME		SHOREHAM-BRIDPORT-ADDISON	
NO.		F017-1(2)	PLOTTED 01/16/85
SURVEYED BY		FANTONI	DEC 1984
SHEET 270 OF 420 SHEETS			SHEET 270 OF 477

SCALE 10 FEET

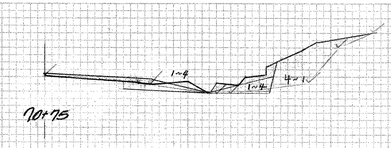


FINAL SURVEY
NOTE BOOK No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

PLATE 3 CROSS SECTION C. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

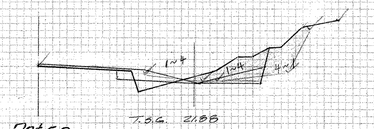
Sheet 270-1 of 477



Rock

23.0	497.8
31.5	497.8
31.7	498.5
37.0	499.0
41.0	504.0
46.0	506.0
38.0	505.7
31.0	501.5
31.0	500.2
28.0	500.0
27.0	498.9
24.0	499.1
23.0	497.8

R 61.50 ft



Rock

21.88	497.8
31.0	497.8
31.3	498.7
35.0	499.4
38.0	505.7
37.0	505.6
34.0	502.8
32.0	502.8
30.0	501.4
28.0	501.4
25.0	499.5
21.88	498.6
21.88	497.8

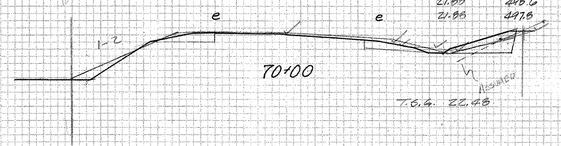


500

Rock

23.0	497.7
31.6	497.7
32.4	502.1
30.0	501.4
23.0	497.7

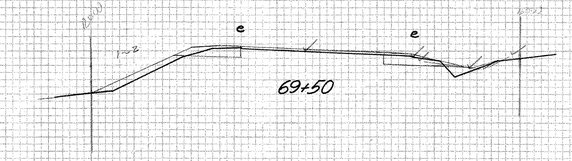
R 23.97 ft

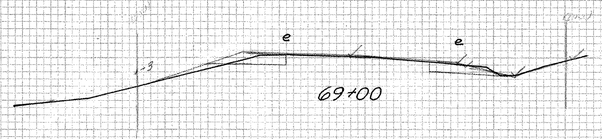


Earth

23.0	498.0
24.0	497.6
35.0	500.8
31.0	500.8
23.0	498.0

CUT 9.4 ft

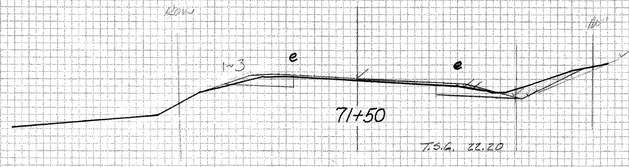




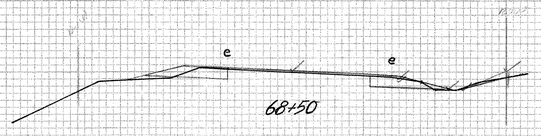
Earth

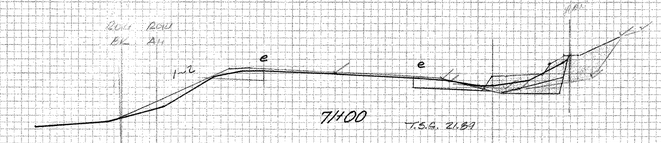
22.20	497.8
23.0	497.8
24.0	497.8
31.5	501.5
30.0	501.2
22.20	498.6
22.20	497.8

CUT 7.83 ft



71+45
ZERO LEDGE





Rock

21.89	497.2
23.0	497.2
31.5	497.2
31.8	498.6
36.0	499.4
40.0	505.5
34.0	502.7
32.0	502.7
30.0	501.5
29.0	499.9
21.89	499.7
21.89	497.2

R 55.42 ft

R 1 EARTHCUT 2-6-92 WJG

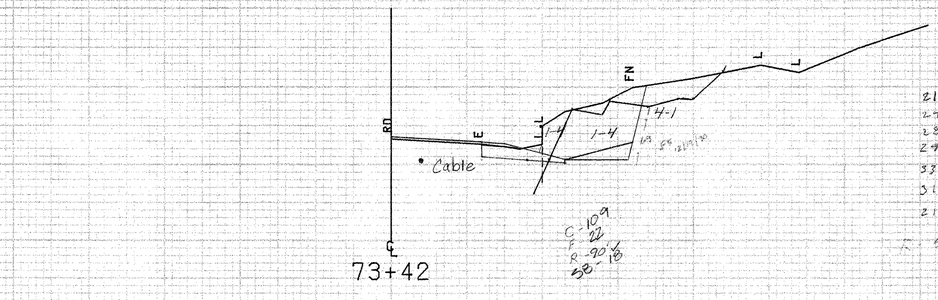
FINAL SURVEY — NOTE BOOK No. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

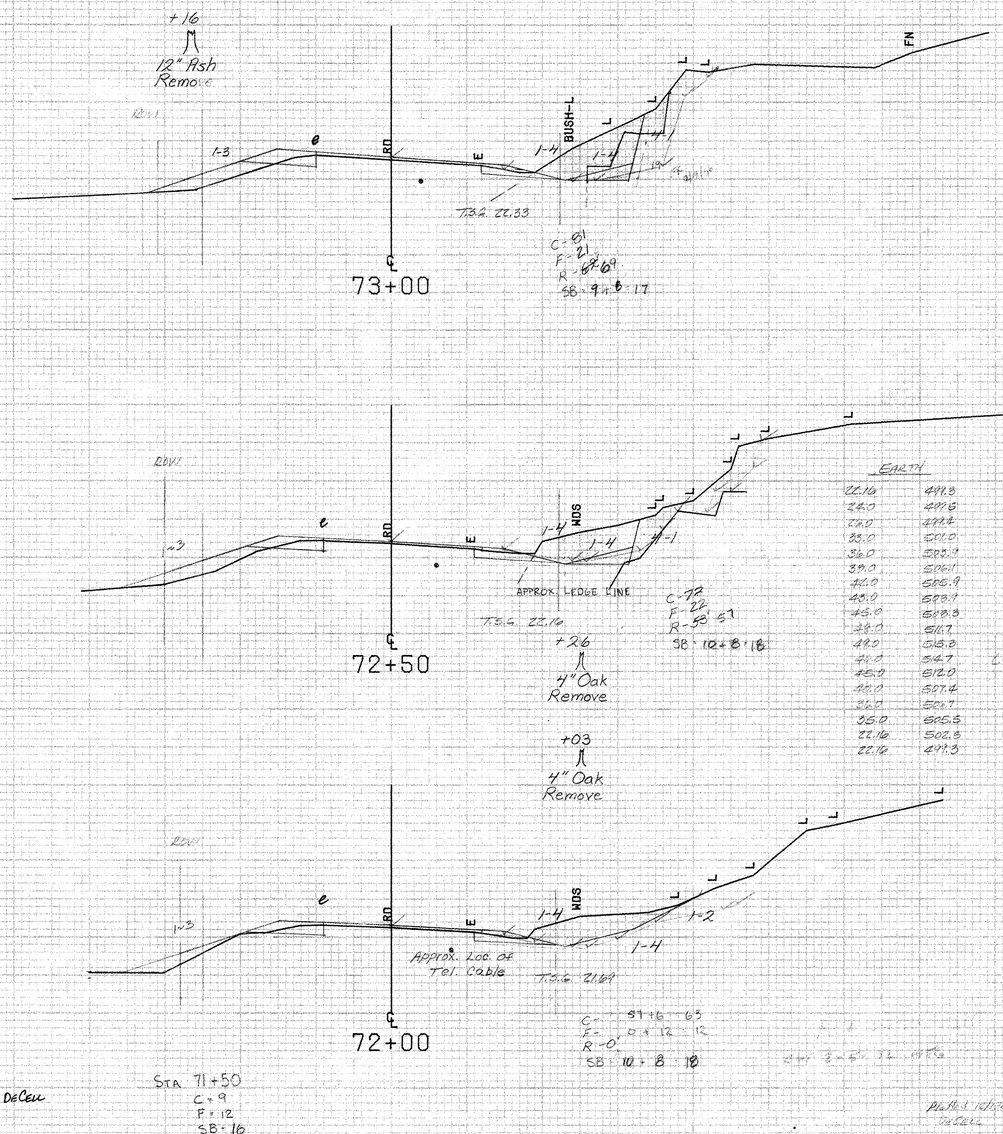
ORIGINAL SURVEY — NOTE BOOK No. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

SHOREHAM BRIDPORT - ADDISON
F 017-1(2)
M 68+50 = 71+50

LEDGE PLOTTED 12/19/95

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DETZGEN CORPORATION



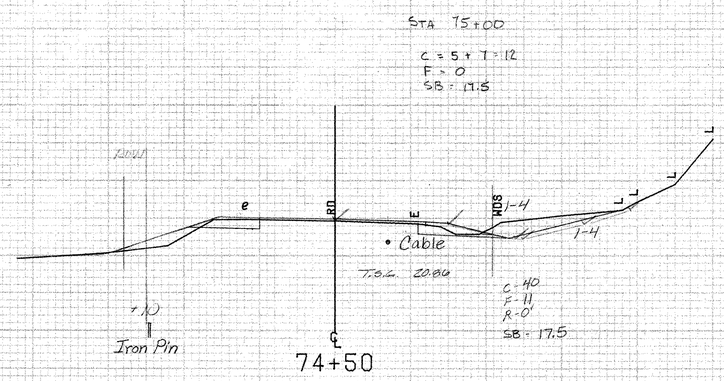


LT PLOTTED 12/14/90 - DeCELL

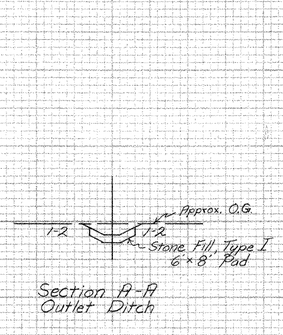
SHOREHAM MM 4.91 - MM 5.00

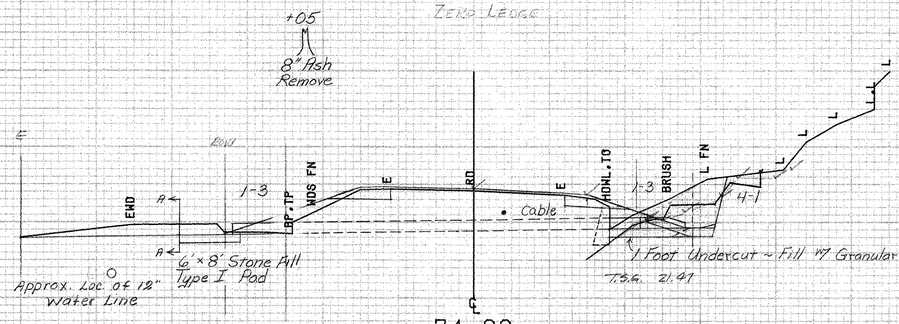
FROM STA.	72+00	TO STA.	73+42
PROJECT NAME	SHOREHAM-ADDISON		MAIN4
NO.	F017-1(2)		PLOTTED 01/09/85
SURVEYED BY	FANTONI		DEC 1984
SHEET 221 OF 480 SHEETS			SHEET 271 OF 477

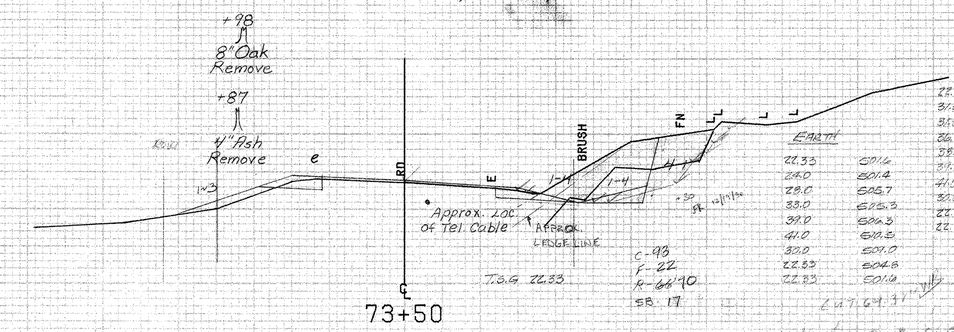
SCALE 10 FEET



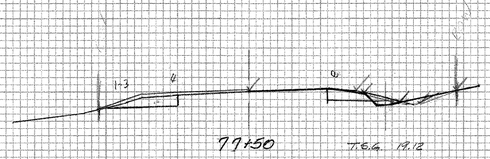
SHOREHAM MM 4.91 ~ MM 5.00





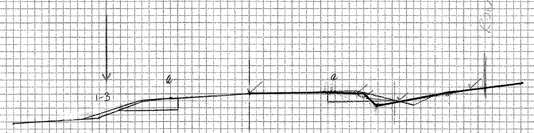


FROM STA. 73+50		TO STA. 74+50	
PROJECT NAME	SHOREHAM-ADDISON	MAIN4	
NO.	F017-1(2)	PLOTTED 01/09/85	
SURVEYED BY	FANTONI	DEC 1984	
SHEET 272 OF 420 SHEETS		SHEET 272 OF 477	

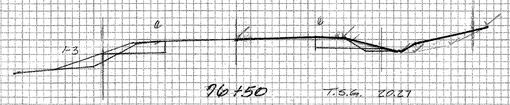


EARTH

21.0	498.5
24.0	498.4
29.0	500.1
21.0	498.5

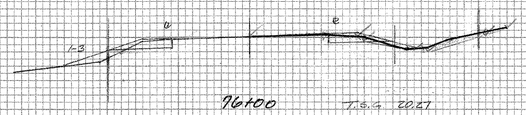


EARTH = 0



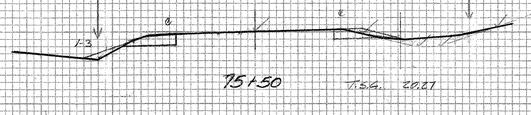
EARTH

23.0	498.1
25.0	498.2
31.0	497.4
35.0	502.1
25.0	498.5
25.0	498.1



EARTH

22.0	498.2
28.0	498.2
26.0	498.0
30.0	500.2
36.0	501.3
28.0	499.8
25.0	498.6
22.0	498.2



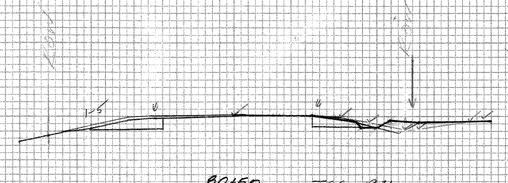
EARTH

20.27	498.5
22.0	498.0
24.0	498.1
34.0	500.7
29.0	499.7
20.27	498.0
20.27	498.5



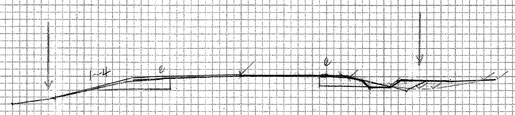
EARTH

20.27	498.5
23.0	498.0
25.0	498.0
34.0	500.0
41.0	503.5
32.0	501.7
20.27	498.6



EARTH

20.5	498.8
24.0	498.5
26.0	498.3
33.0	499.4
26.0	498.2
22.0	498.0
20.5	498.8



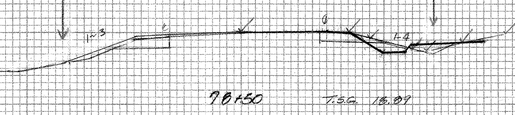
EARTH

21.0	498.9
25.0	498.3
27.0	498.2
34.0	499.4
22.0	498.6
21.0	498.9



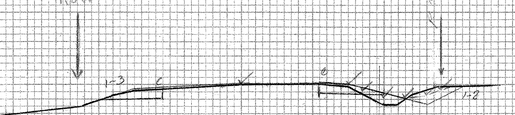
EARTH

22.5	498.5
25.0	498.1
27.0	498.2
32.0	499.2
36.0	499.5
32.0	500.1
24.0	499.3
22.5	498.5



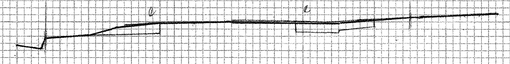
EARTH

25.5	498.0
24.0	497.2
26.0	497.6
31.0	498.9
24.0	498.5
25.5	498.0



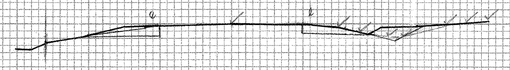
EARTH

23.0	498.1
26.0	498.6
28.0	499.4
29.0	499.3
26.0	498.8
24.0	498.7
23.0	498.1



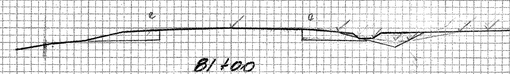
EARTH

20.27	498.4
22.0	498.4
24.0	498.5
30.2	500.2
21.0	498.5
20.27	498.4



EARTH

20.27	498.4
23.0	498.5
25.0	498.4
32.0	499.4
21.0	498.4
20.27	498.4



SHOREHAM BRIDPORT - ADDISON

F 017-1(2)

75+00 - 82+00

Original Sections

Redrawn 1-24-71 R. Russell

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

FINAL SURVEY NOTE BOOK NO.
SURVEYED BY
PLOTTED DATE
TRACED
AREAS
AREAS CHECKED

ORIGINAL SURVEY NOTE BOOK NO.
SURVEYED BY
PLOTTED DATE
TRACED
AREAS
AREAS CHECKED



84+50

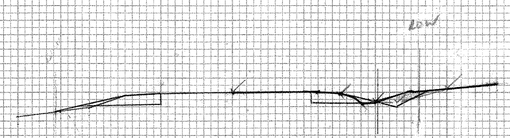
EARTH

21.0	499.0
22.0	498.9
24.0	499.0
30.0	500.3
22.0	499.4
21.0	499.0



84+00

T.S.G. 20.27

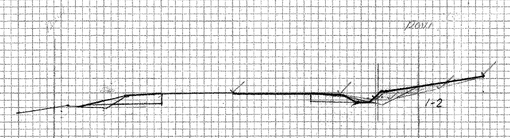


83+50

T.S.G. 20.27

EARTH

20.27	498.6
23.0	498.7
30.0	500.3
26.0	500.0
20.27	498.6

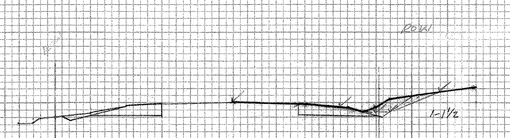


83+00

T.S.G. 20.27

EARTH

20.27	499.0
22.0	499.0
29.0	500.6
35.0	502.3
21.0	500.3
20.27	499.8
20.27	499.0

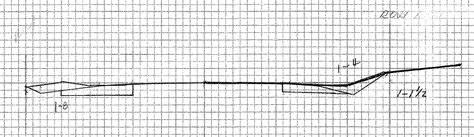


82+50

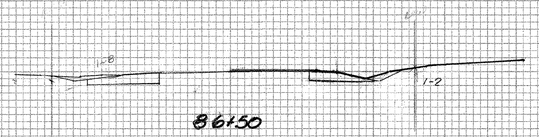
T.S.G. 20.27

EARTH

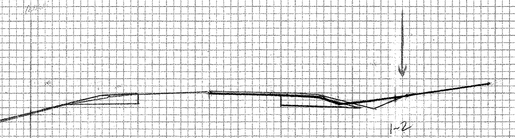
20.27	498.6
24.0	498.6
29.0	501.6
22.0	500.6
20.27	499.5
20.27	498.6



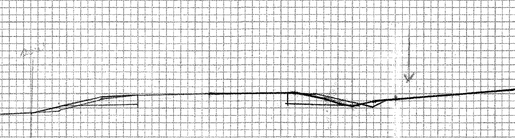
87+00



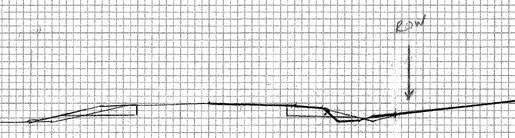
86+50



86+00



85+50



85+00

SHOREHAM-BRIDPORT-ADDISON

F017-1(2)

82+50 – 87+00

Original Sections

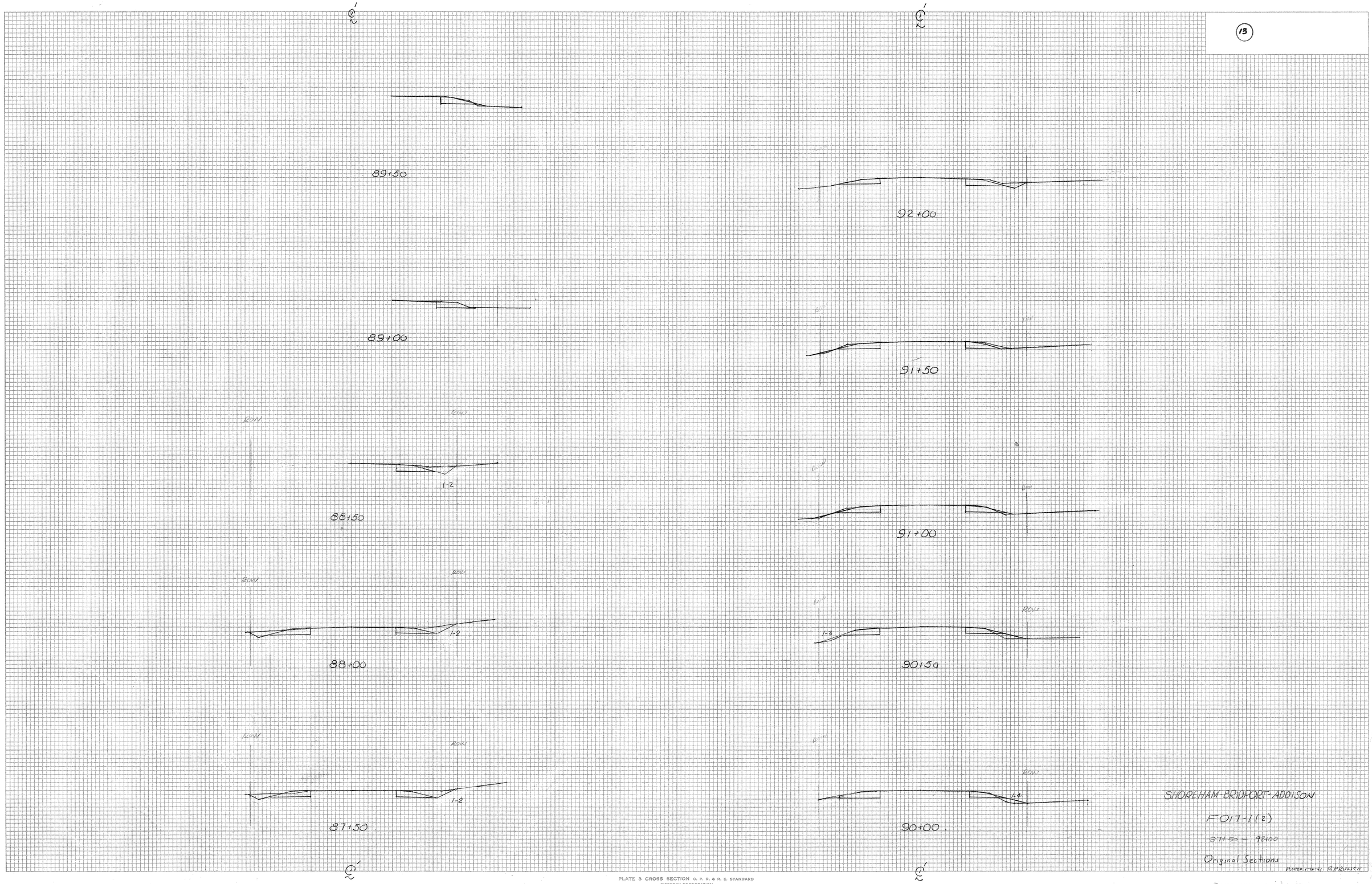
Plotted 1-18-71 R. Rosser

SHEET 272-B OF 477

FINAL SURVEY NOTE BOOK No. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY NOTE BOOK No. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

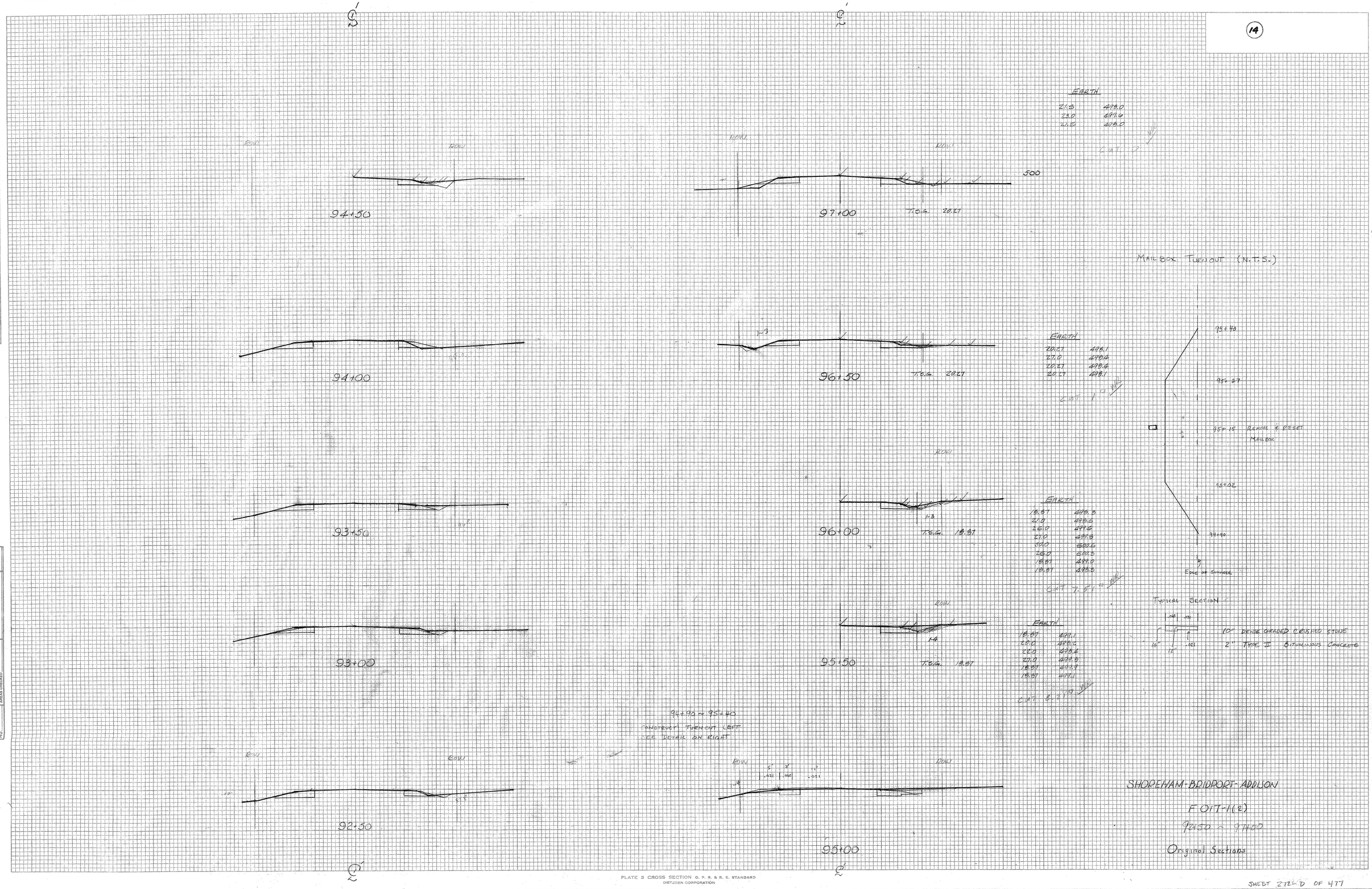
PLATE 3 CROSS SECTION O. P. R. & R. K. STANDARD
DIETZGEN CORPORATION



FINAL SURVEY NOTE BOOK No. SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED BY DATE

ORIGINAL SURVEY NOTE BOOK No. SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED BY DATE

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION



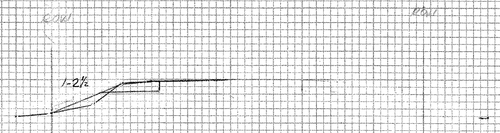
FINAL SURVEY NOTE BOOK No. SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED BY DATE

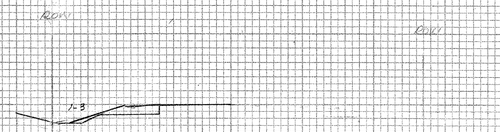
ORIGINAL SURVEY NOTE BOOK No. SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED BY DATE

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

FINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TRACED	
	AREAS	
	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TRACED	
	AREAS	
	AREAS CHECKED	

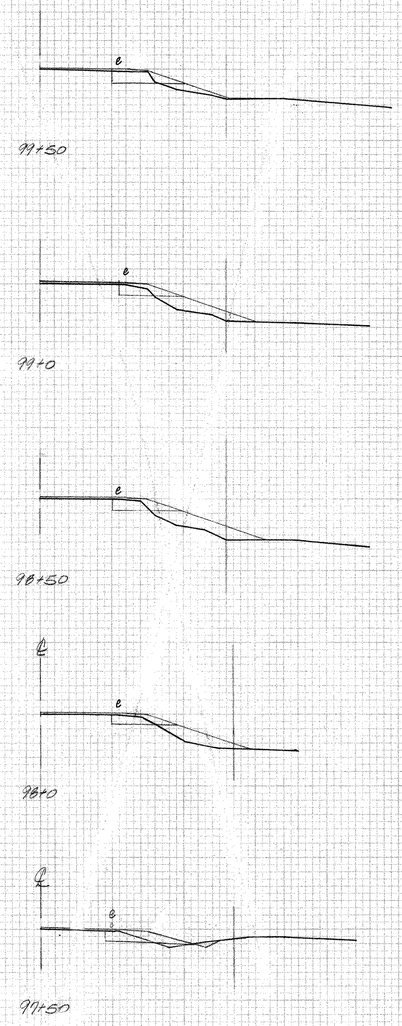


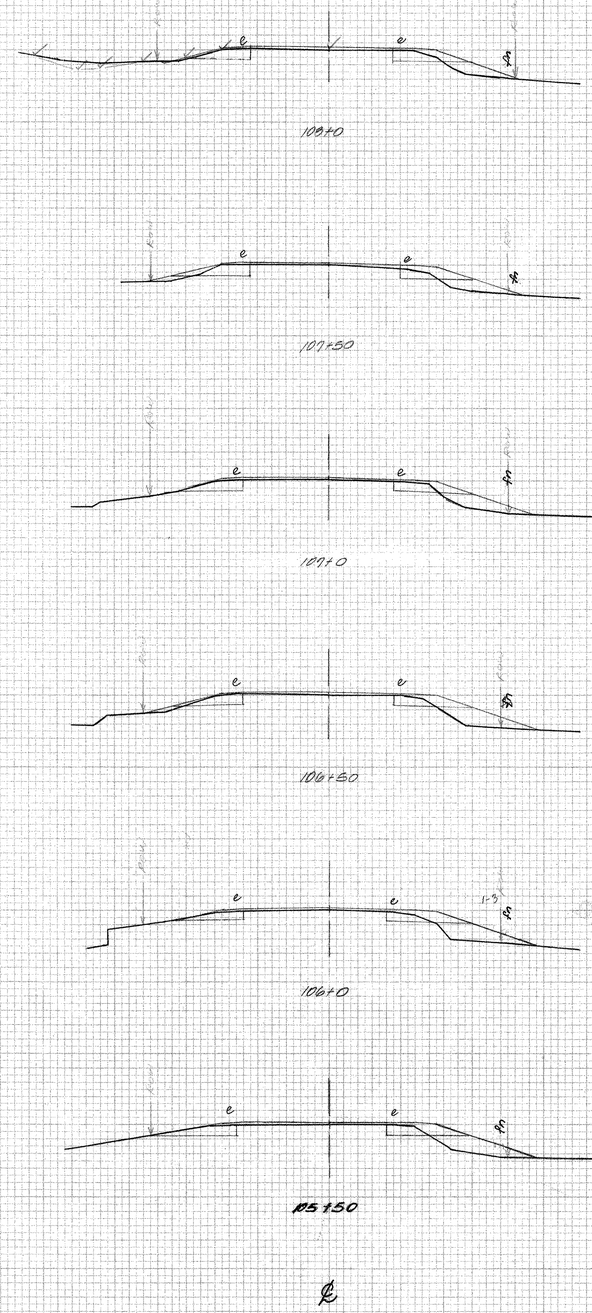


SHOREHAM-BRIDPORT- ADDISON
F 017-1(2)
97+50 - 98+00
Original Sections
checked 7/14/71 R Russell

Keuffel & Esser Company PLATE 3 CROSS SECTION #87056 Made in U.S.A.

(16)





EARTH

24.0	497.3
26.0	497.5
32.0	498.3
40.0	499.6
30.0	499.1
26.0	498.4
~~23.0~~ 24.0	497.3

CUT 10.4 ? WR

EARTH

21.29	497.6
24.0	497.6
30.0	499.5
35.0	501.3
29.0	500.9
23.0	499.9
21.29	498.5
21.29	497.6

CUT 20.84 ? WR

EARTH

20.74	498.0
23.0	497.7
26.0	499.0
31.0	501.0
20.74	499.9
20.74	498.0

CUT 14.43 ? WR

EARTH

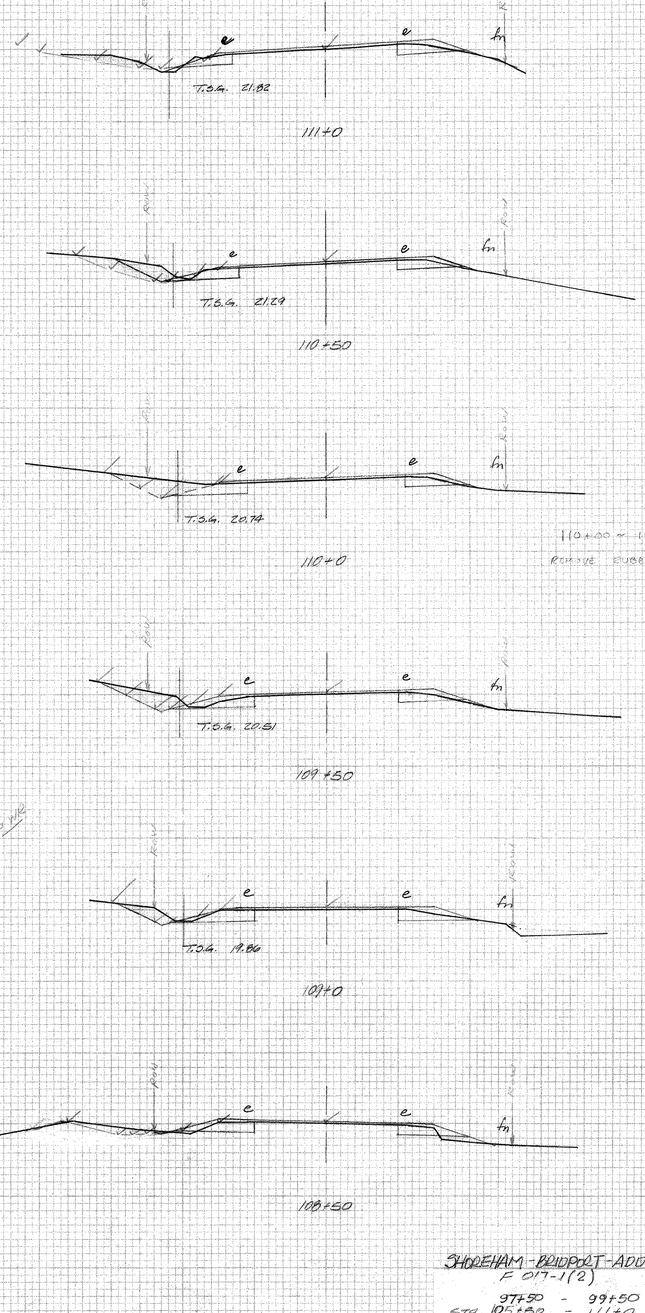
20.51	498.0
22.0	498.0
24.0	498.0
28.0	500.0
32.0	502.0
21.0	499.5
20.51	499.4
20.51	498.0

CUT 16.84 ? WR

EARTH

21.0	498.2
22.0	498.2
24.0	498.3
29.0	501.0
24.0	500.3
21.0	498.2

CUT 8.05 ? WR



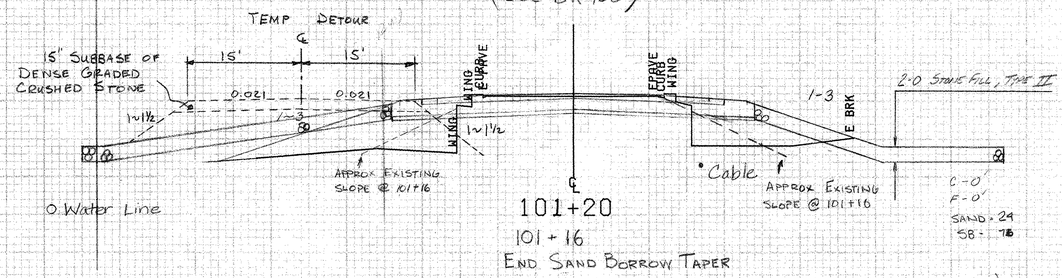
110+00 ~ 111+25 RT
REMOVE RUBBLE FOUNDATION

CUT 2-7-92

SHOREHAM-BRIDPORT-ADDISON
F 017-1(2)
97+50 - 99+50
STA 105+50 - 111+0
ORIGINAL SECTIONS 11-90

101+20 ~ 101+42
Conc. Slab C-C 1939 VR BR #17
Remove Existing Structure

101+27
New 7'-0 x 5'-1 x 94' CGMPPA
(See BR 100)

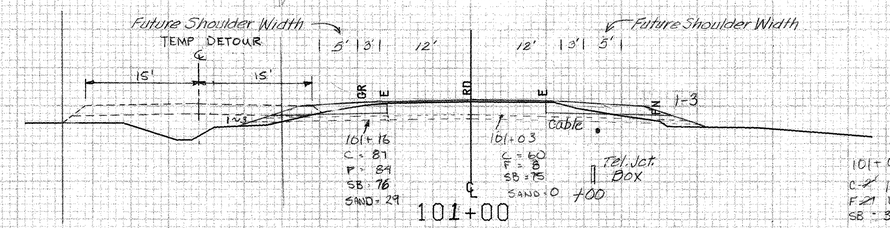


500

101+20

101+16
End Sand Borrow Taper
Begin 6" Sand Borrow (See Pipe Crossing Typical)

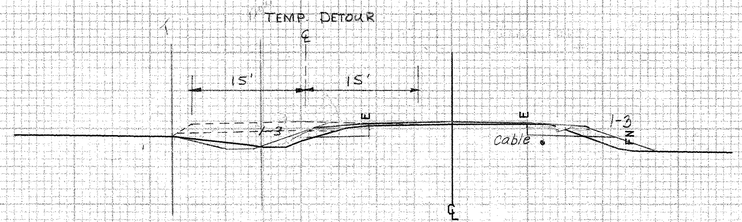
101+03
Begin Sand Borrow Taper



500

100+95 ~ 101+20 Lt.
Removal and Disposal of of Guard Rail

100+96 ~ 101+20 Rt.
Removal and Disposal of Guard Rail



C- 4+5 15
F-12' 10
SB: 22.5

500

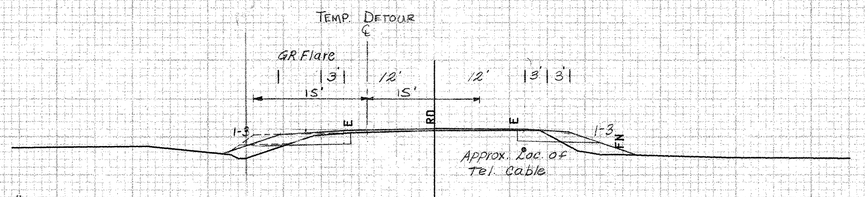
100+00 RT
Begin Removing & Resetting Fence
Begin Temporary Barbed Wire fence (4-strand)
Begin Removal of Existing Fence (non-part.)

99+78

100+00 RT
Begin Geotextile Fabric for Silt Fence

500

100+00 LT
Begin Geotextile Fabric for Silt Fence



Approx Loc. of 12" Water Line

C- 9 17
F- 17 18
SB: 22.5

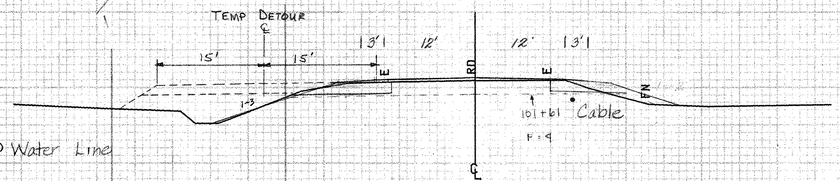
99+50 LT
Begin Construction of Temporary Detour

STA 99+00
C-12
F-0
SB: 17.5

SHOREHAM MM 5.49 ~ MM 5.58

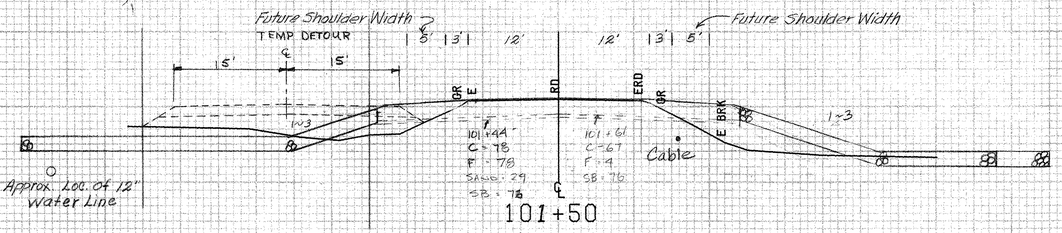
FROM STA.	100+00	TO STA.	101+20
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	03/29/84
SURVEYED BY	FANTONI		03/84
SHEET 273 OF 420 SHEETS		SHEET 273 OF 477	

SCALE 10 FEET



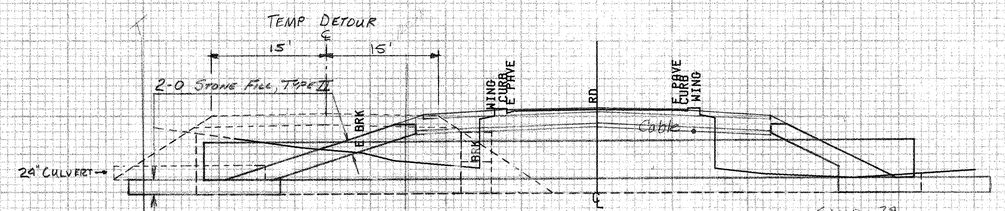
500

C: A 25
F: F 4
SB: 22



500

101+48
END 6" SAND BORROW
BEGIN SAND BORROW TAPER



500

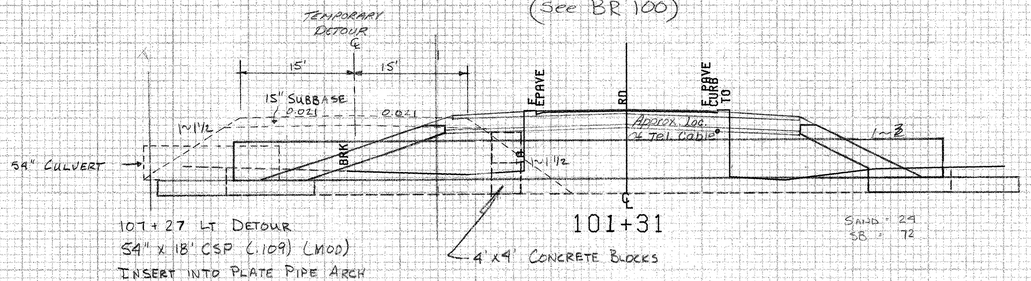
101+40 ~ 101+68 Lt.
Removal and Disposal of Guard Rail

101+37
New 7'-0 x 5'-1 x 94' CGMPPA
(See BR 100)

101+40 ~ 101+65 Rt.
Removal and Disposal of Guard Rail

101+27 LT DETOUR
54" x 18' CSP (.109) (MOD)
INSERT INTO PLATE PIPE ARCH
(SEE SPECIAL PROVISIONS)

101+57 LT DETOUR
24" x 20' CSP (.064) (MOD)
INSERT INTO PLATE PIPE ARCH
(SEE SPECIAL PROVISIONS)

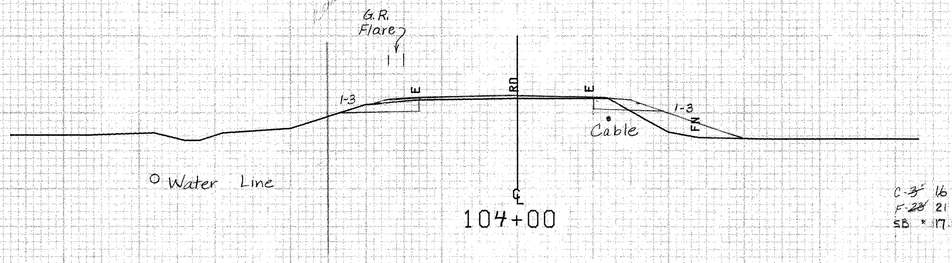


500

SHOREHAM MM 5.49 ~ MM 5.58

FROM STA.	101+31	TO STA.	102+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	03/29/84
SURVEYED BY	FANTONI		03/84
SHEET 274 OF 420 SHEETS		SHEET	274 OF 477

SCALE 10 FEET

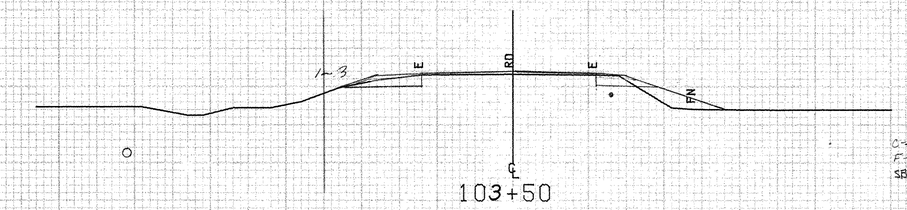


104+00

C-3" 16
F-22" 21
SB - 17.5

500

Tel. Jct. Box
+60

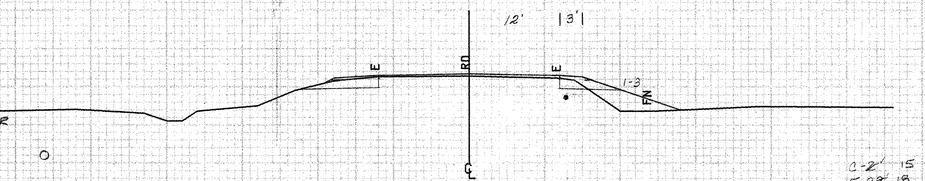


103+50

C-3" 17
F-15" 18
SB - 10

500

103+00 LT
End Construction of Temporary Detour
103+00 LT
End Geotextile Fabric for Silt fabric

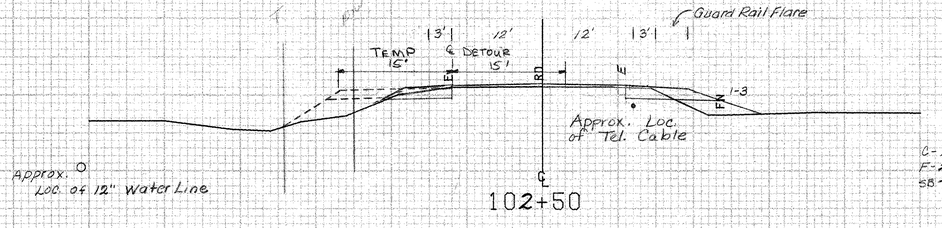


103+00

C-2" 15
F-22" 18
SB - 16

500

103+00 RT
End Geotextile Fence for Silt fence



102+50

C-2" 19
F-21" 15
SB - 20

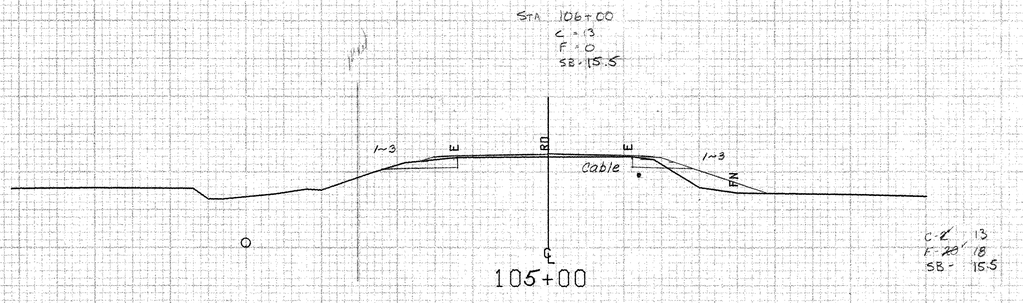
500

SHOREHAM MM 5.49 - MM 5.58

FROM STA.	102+50	TO STA.	104+00
PROJECT NAME		SHOREHAM-BRIDPORT-ADDISON	
NO.		F017-1(2)	PLOTTED 03/29/84
SURVEYED BY		FANTONI	03/84
SHEET 225 OF 420 SHEETS		SHEET 275 OF 477	

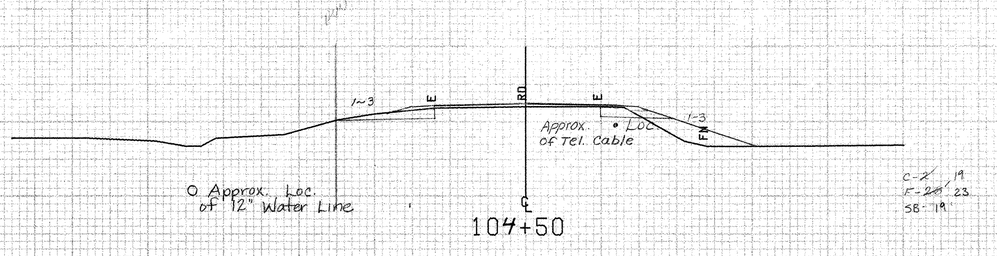
SCALE 10 FEET

106+00 RT
End Removing & Resetting Fence
End Temporary Barbed Wire Fence (4-strand)
END REMOVAL OF EXISTING FENCE (NON-PART.)



C-2 13
F-2 18
SB- 15.5

500



C-2 19
F-2 23
SB- 19

500

SHOREHAM MM 5.49 ~ MM 5.58

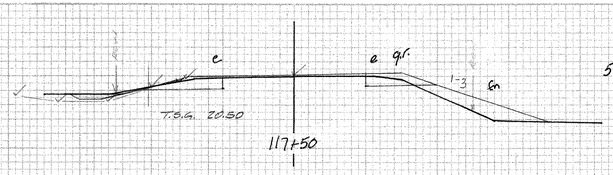
FROM STA.	104+50	TO STA.	105+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	03/29/84
SURVEYED BY	FANTONI	03/84	
SHEET 276 OF 420 SHEETS		SHEET 276 OF 477	

SCALE 10 FEET

17

EARTH	
24.0	497.7
27.0	496.8
30.0	496.8
31.6	497.6
24.0	497.7

CUT 4.4

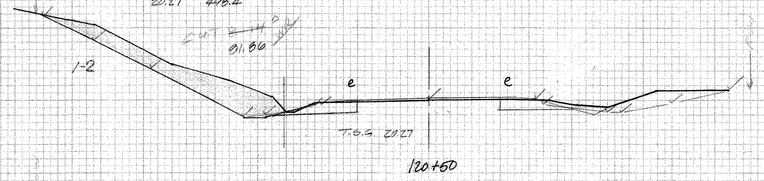


500

1117+50

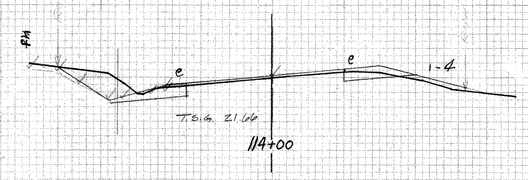
EARTH	
20.27	498.4
23.0	498.0
26.0	497.9
32.0	504.2
47.0	508.0
64.0	511.6
47.0	510.4
36.0	505.0
28.0	502.8
22.0	500.5
20.27	498.4

CUT 11.66



120+50

EARTH	
21.66	497.1
23.0	497.1
30.0	501.5
28.0	500.6
21.66	500.0
21.66	497.1

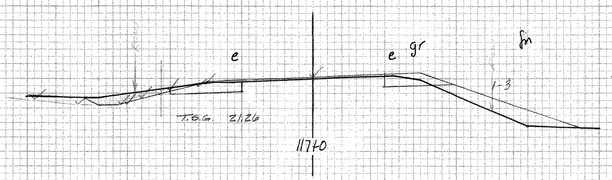


114+00

500

EARTH	
21.26	498.0
24.0	497.4
27.0	496.5
30.0	496.5
32.0	497.5
30.0	497.6
21.26	498.6
21.26	499.0

CUT 9.7

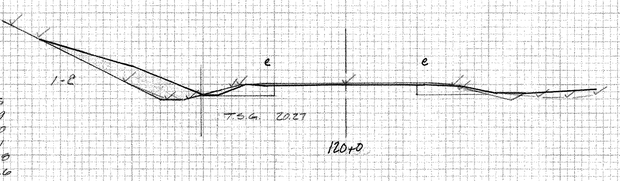


1117+0

500

EARTH	
20.27	498.6
22.0	497.9
25.0	498.0
31.0	500.1
45.0	506.9
30.0	502.6
20.27	498.6

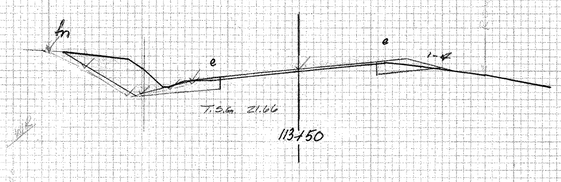
CUT 10.02



120+0

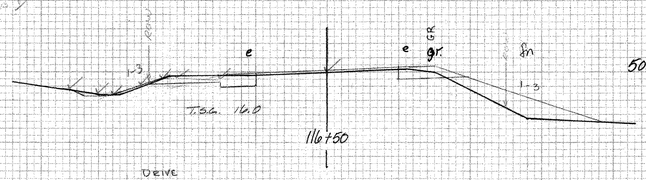
EARTH	
21.66	496.6
23.0	496.6
33.0	502.7
24.0	501.7
21.66	500.2
21.66	496.6

CUT 5.5



113+50

500



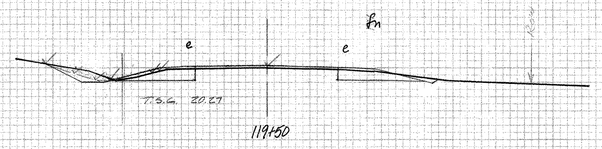
116+50

Drive
116+30 RT

500

EARTH	
22.0	495.2
24.0	498.3
27.0	497.1
31.0	500.5
25.0	499.6
22.0	498.2

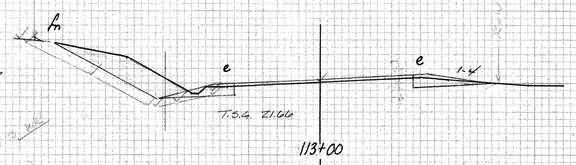
CUT 5.0



119+50

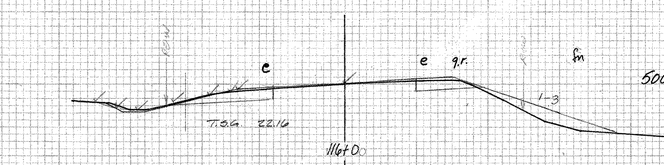
EARTH	
21.66	498.0
23.0	497.9
37.0	505.6
27.0	498.7
21.66	501.8
21.66	498.0

CUT 37.45



113+00

500



116+0

500

EARTH	
20.27	498.0
23.0	497.9
26.0	498.0
27.0	498.5
24.0	498.4
22.0	498.9
20.27	498.5
20.27	498.0

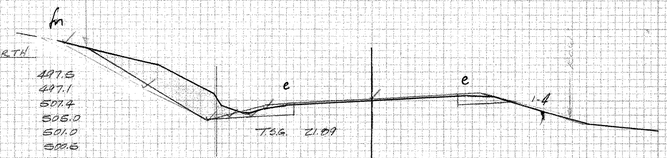
CUT 3.5



119+0

EARTH	
21.89	497.6
23.0	497.1
40.0	507.4
30.0	505.0
22.0	501.0
21.89	500.6
21.89	497.6

CUT 7.2

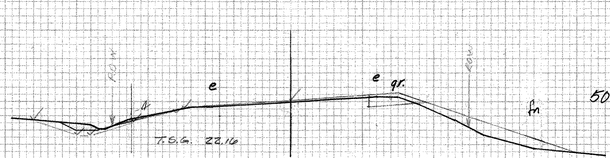


112+50

500

EARTH	
27.0	496.0
30.0	496.0
32.0	497.1
28.0	496.9
27.0	496.0

CUT 3.5



115+50

500

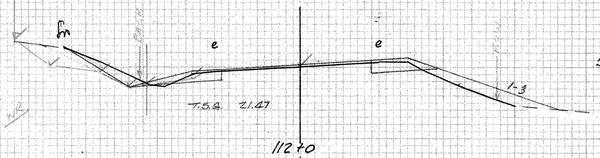
EARTH	
20.27	498.0
23.0	497.9
26.0	498.0
27.0	498.5
24.0	498.4
22.0	498.9
20.27	498.5
20.27	498.0

CUT 3.5

119+0

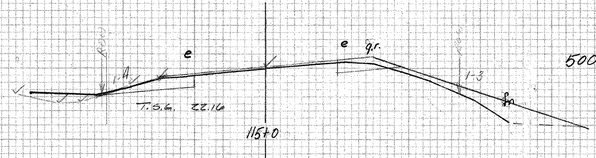
EARTH	
21.47	497.4
22.0	497.4
26.0	497.6
33.0	502.8
21.47	497.7
21.47	497.4

CUT 7.45



112+0

500

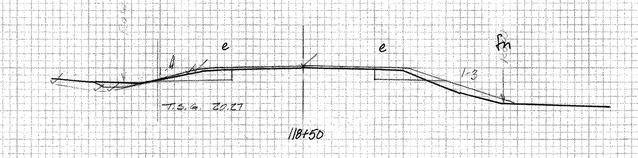


115+0

500

EARTH	
22.0	498.0
26.0	497.3
25.0	497.3
24.0	496.0
22.0	496.0

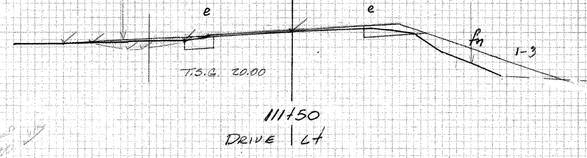
CUT 8.5



118+50

EARTH	
20.0	497.9
21.0	497.8
23.0	497.8
28.0	498.5
28.0	499.0
20.0	497.9

CUT 5.0

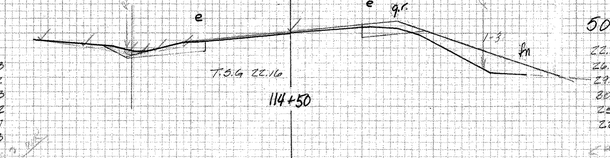


111+50
Drive Lt

500

EARTH	
22.16	497.3
23.0	497.2
24.0	498.3
25.0	498.2
22.16	497.7
22.16	497.3

CUT 1.45

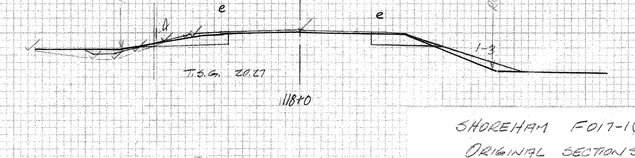


114+50

500

EARTH	
22.0	498.0
26.0	497.1
23.0	497.1
30.0	497.8
25.0	497.8
22.0	498.0

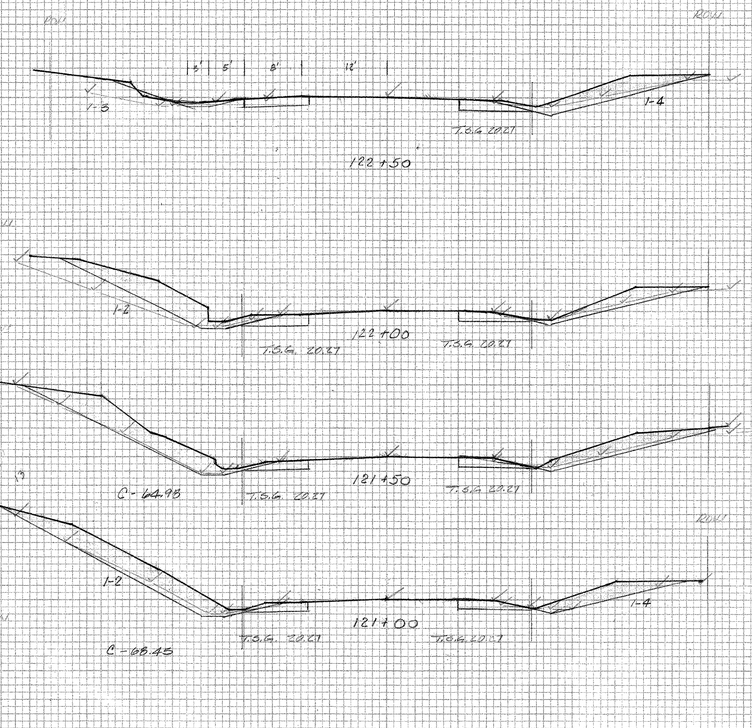
CUT 3.45



118+0

SHOREHAM F017-1(2)
ORIGINAL SECTIONS 11-90
STA 111+50 — 120+50

CUT 2-7-92 WJG



EARTH

21.0	498.7
22.0	498.7
30.0	500.3
42.0	502.3
45.0	503.2
34.0	503.0
21.0	498.7

EARTH

20.27	498.0
24.0	497.8
26.0	497.8
46.0	507.6
43.0	507.4
32.0	504.3
25.0	500.5
25.0	498.6
23.0	498.6
20.27	499.2
20.27	498.0

EARTH

23.0	498.8
33.0	501.2
40.0	502.7
42.0	502.9
45.0	503.5
35.0	503.5
23.0	498.8

EARTH

20.27	497.7
23.0	497.7
26.0	497.9
37.0	503.4
40.0	504.5
51.0	510.0
40.0	508.4
33.0	503.2
24.0	500.0
24.0	499.0
23.0	498.5
20.27	498.5
20.27	497.7

EARTH

20.27	498.5
23.0	498.1
25.0	498.1
33.0	502.6
45.0	503.1
52.0	511.9
55.0	514.5
44.0	510.5
32.0	504.2
22.0	498.5
20.27	498.5

EARTH

21.0	498.5
23.0	498.5
30.0	500.3
40.0	502.7
48.0	504.2
35.0	503.3
23.0	497.6
21.0	498.5

EARTH

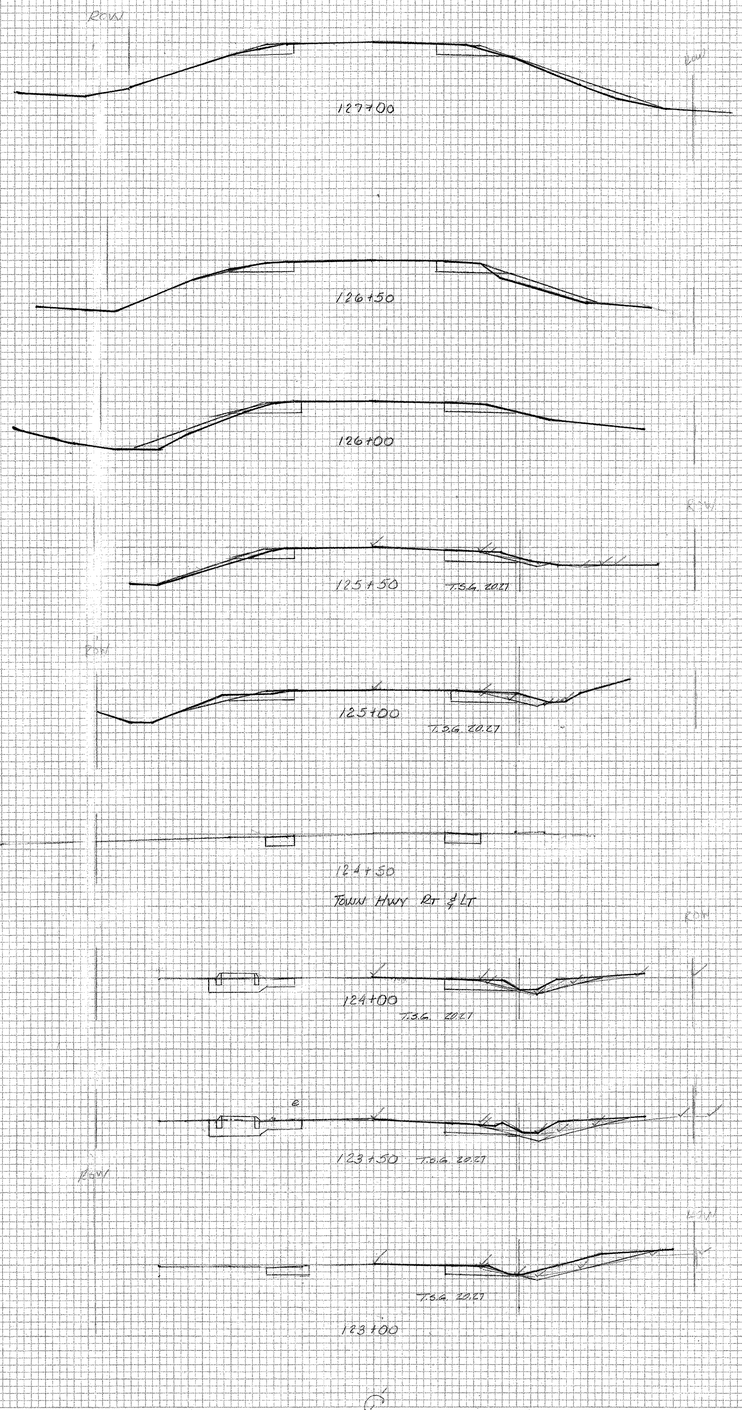
21.0	498.1
23.0	498.1
26.0	497.9
37.0	503.4
42.0	502.7
32.0	502.6
21.0	498.1

FINAL SURVEY
NOTE BOOK No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

SHOREHAM-BRIDPORT-ADDISON
F 017-1(2)
121+00 - 122+50
Original Sections

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

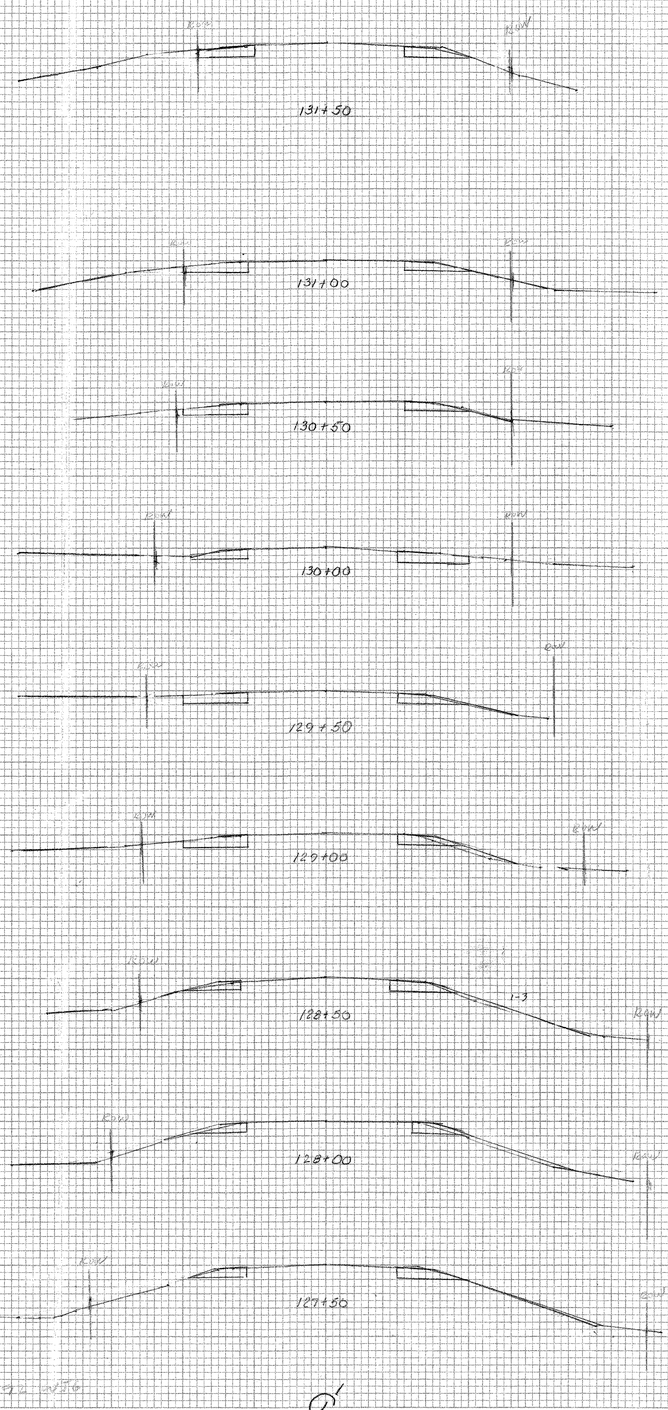


EARTH	
20.27	498.2
28.0	497.5
25.0	498.2
20.27	498.1
20.27	498.2

EARTH	
21.0	498.3
28.0	497.6
28.0	498.2
32.0	500.1
26.0	499.9
25.0	498.4
21.0	498.3

EARTH	
25.0	498.3
26.0	498.3
31.0	499.9
32.0	499.8
32.0	500.0
26.0	500.0
25.0	498.5

EARTH	
20.27	498.0
25.0	498.3
29.0	499.6
32.0	500.1
32.0	500.0
32.0	500.0
20.27	498.0

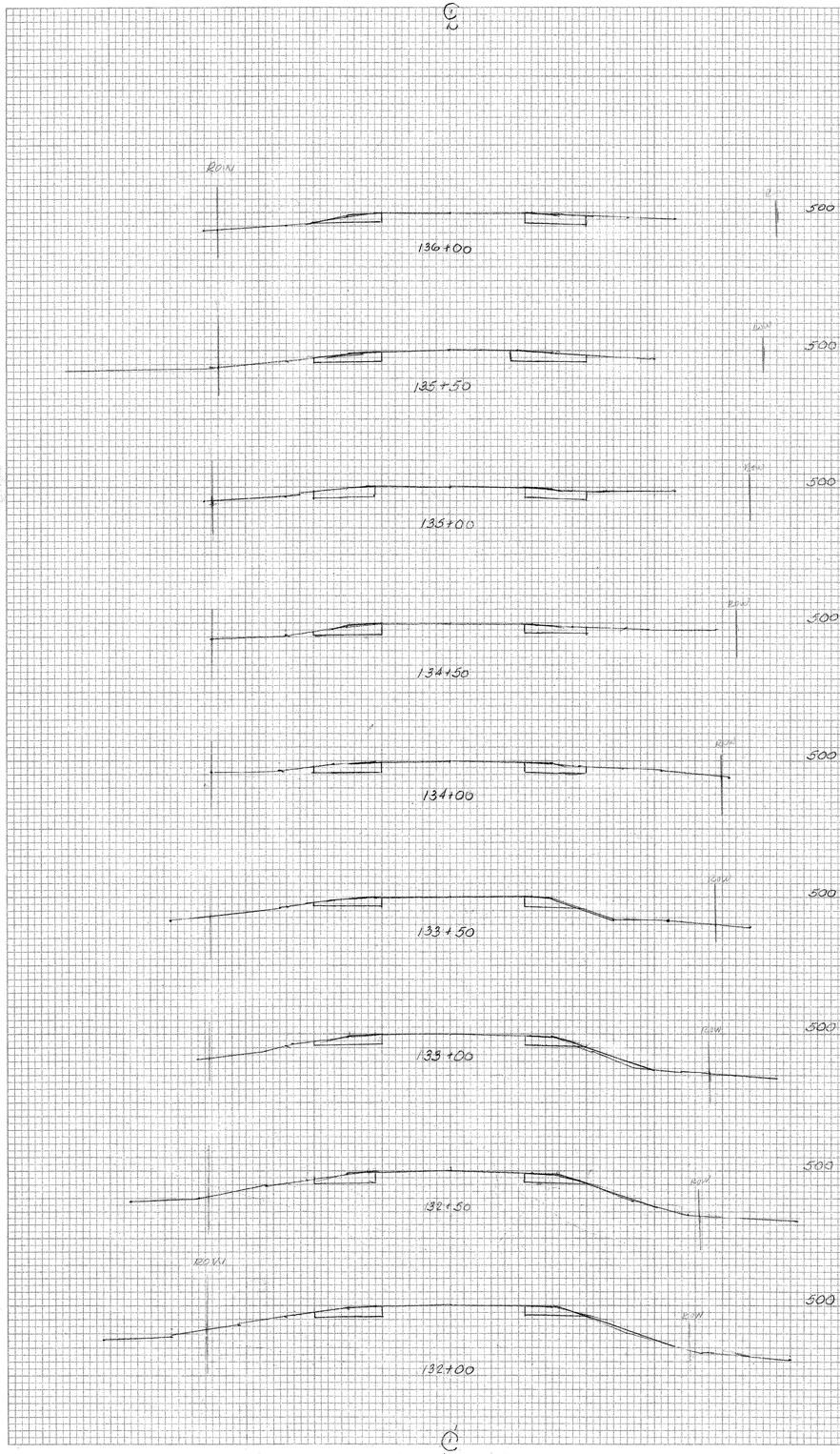


SHOREHAM - BRIDPORT - ADDISON
F047-1(12)

Original Sections

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

SHEET 276-C OF 477
123+00 TO 131+50



SHOREHAM-BRIDPORT-ADDISON
F 017-1(2)
132+00 = 136+00
Original Sections

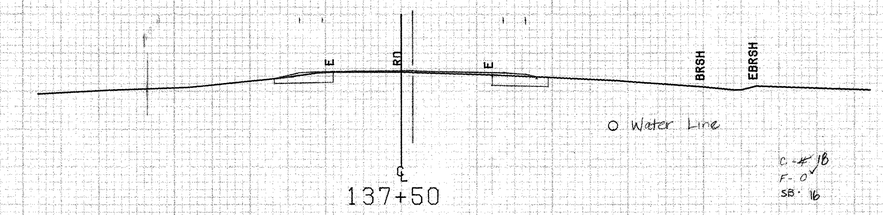
Plotted R. Cussey

FINAL SURVEY		BY	DATE
NOTE BOOK No.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK No.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

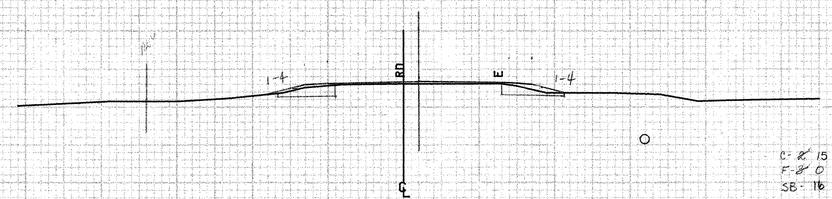
PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

SHEET 276-D OF 477



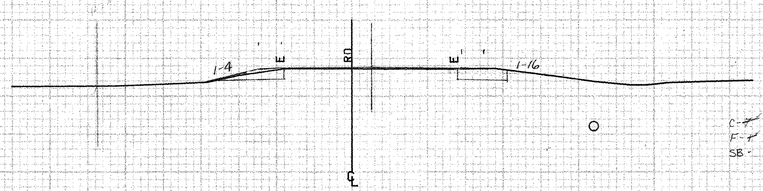
137+50

500



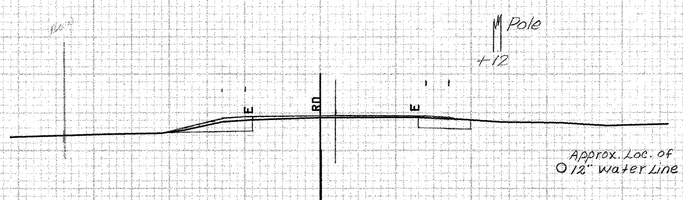
137+00

500



136+50

500



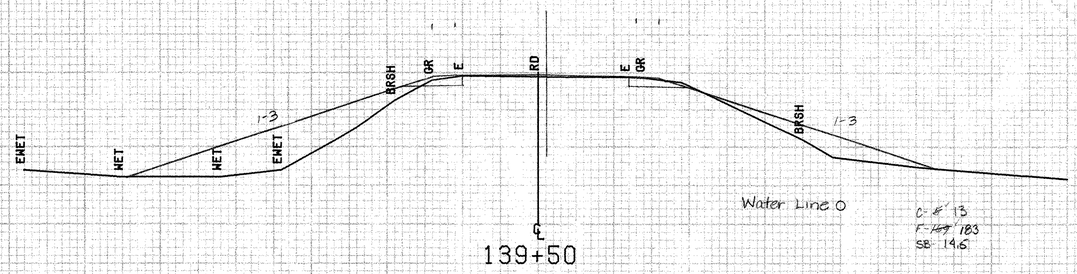
136+00

500

SHOREHAM~BRIDPORT MM 6.17~MM 0.07

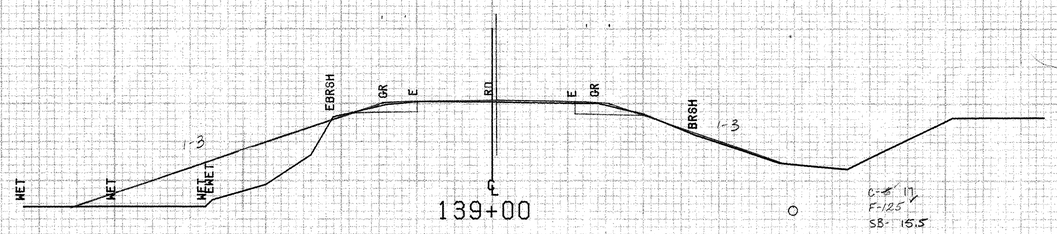
FROM STA.	136+00	TO STA.	137+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	02/10/84
SURVEYED BY	FANTONI	JAN 1984	
SHEET 277 OF 400 SHEETS		SHEET 277 OF 477	

SCALE 10 FEET



490

139+50

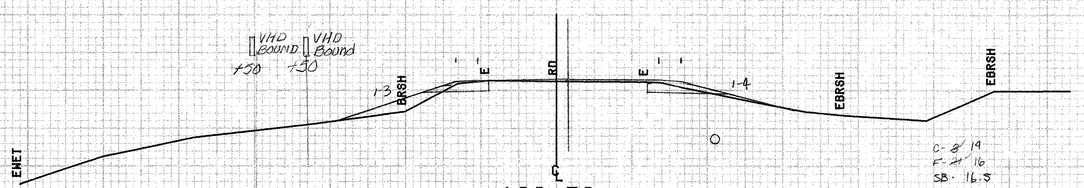


500

139+00

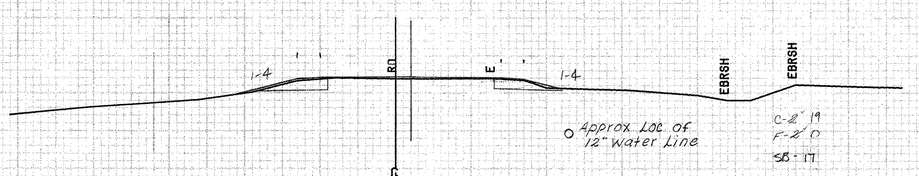
138+64 Lt.
Begin Removal And Disposal of Guard Rail

138+72 Rt.
Begin Removal And Disposal of Guard Rail



500

138+50



500

138+00

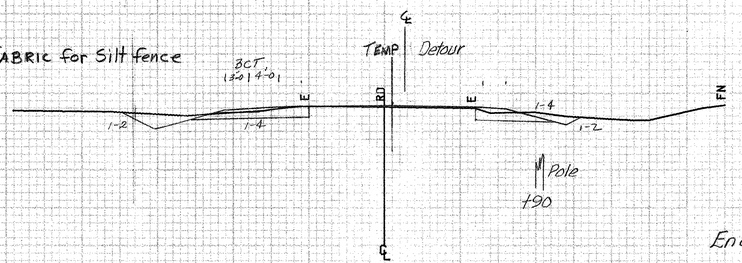
138+00 Lt
Begin GEOTEXTILE Fabric for Silt Fence

SHOREHAM ~ BRIDPORT MM 6.17 ~ MM 0.07

FROM STA.	138+00	TO STA.	139+50
PROJECT NAME		SHOREHAM-BRIDPORT-ADDISON	
NO.		F017-1(2)	PLOTTED 02/10/84
SURVEYED BY		FANTONI	JAN 1984
SHEET 278 OF 420 SHEETS			SHEET 278 OF 477

SCALE 10 FEET

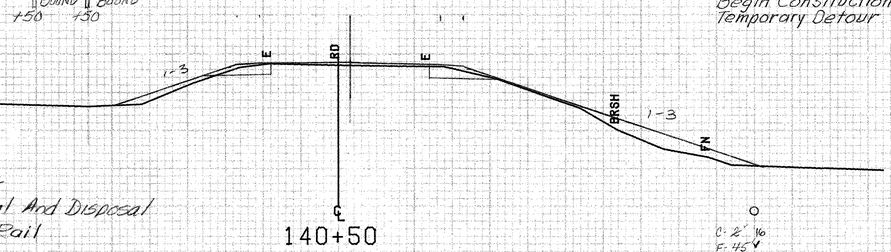
141+00 Lt.
End GEOTEXTILE FABRIC for Silt fence



490

C: 2' 45
F: 0
SB: 23

140+72 Rt
End Removal And Disposal of Guard Rail

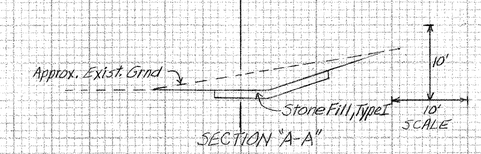


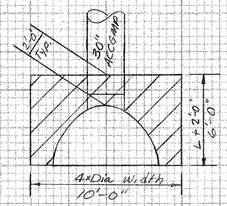
490

140+70 Rt.
Begin Construction of Temporary Detour

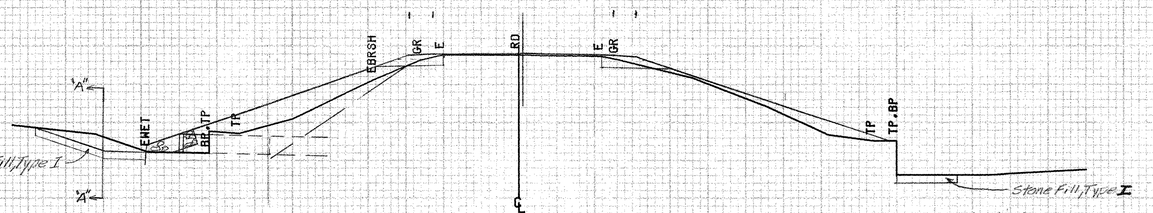
C: 2' 16
F: 45
SB: 16

140+48 Lt
End Removal And Disposal of Guard Rail





Stone Fill Type I At M.E.S. Detail
Typical for All 24" and Larger Culverts

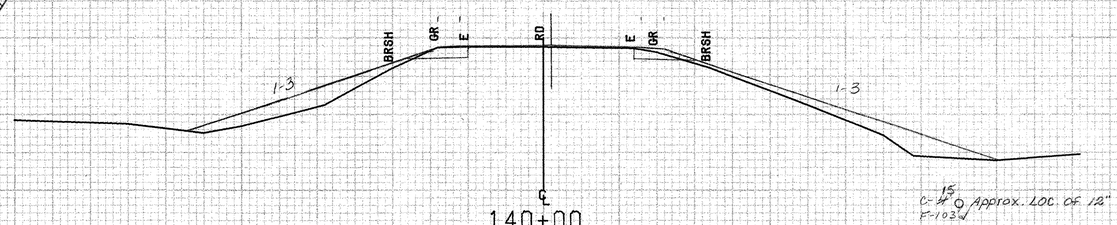


140+02 Askaw 85°53' Rt
30" ACCGMP Retain, Remove & Relay 6' @ Inlet
Extend @ Inlet w/ New 30" x 4" CSP .079
w/ 30" CSPES (.079") & Stone Fill Type I
@ Inlet & Outlet

490

○ Water Line

+07± 18" Hickory Save



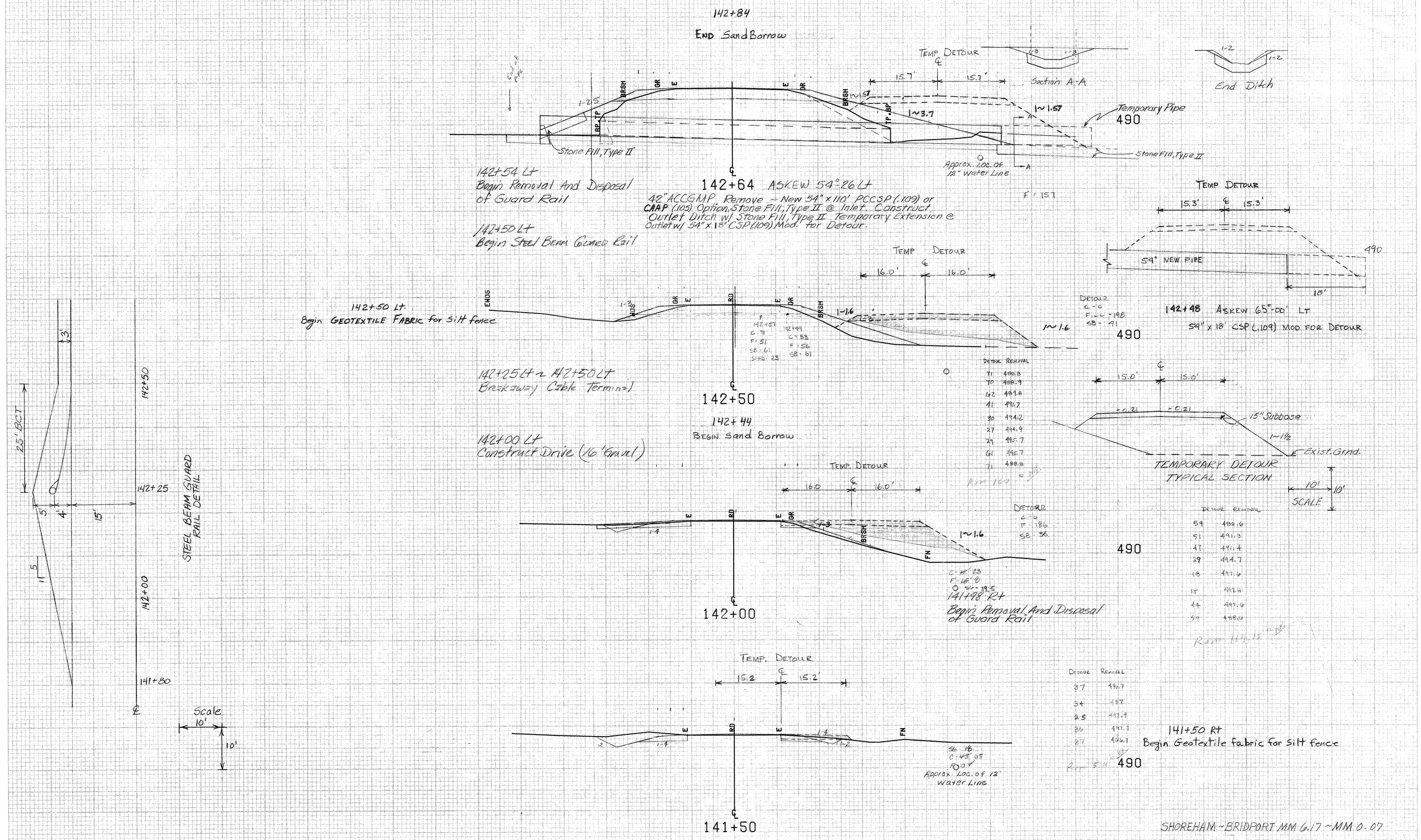
490

15
C: 4' ○ Approx. Loc. of 12" Water Line
F: 103
SB: 19

SHOREHAM ~ BRIDPORT MM 6.17 ~ MM 0.07

FROM STA. 140+00	TO STA. 141+00		
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	02/10/84
SURVEYED BY	FANTONI	JAN 1984	
SHEET 279 OF 420 SHEETS		SHEET 279 OF 477	

SCALE 10 FEET



Detour	Removal
71	488.8
70	488.9
62	489.8
41	491.7
30	494.2
27	494.9
29	495.7
61	495.7
71	488.8

Detour	Removal
59	488.6
51	491.3
47	491.4
29	494.7
18	497.6
15	497.8
44	497.6
59	488.6

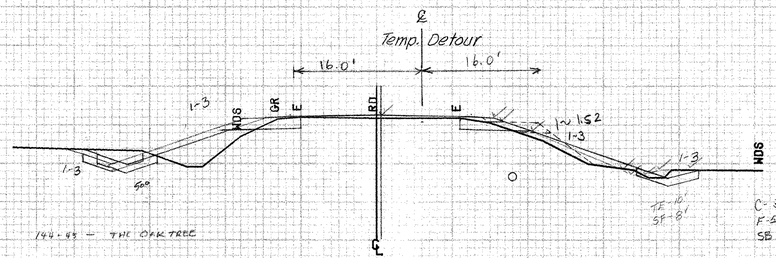
Detour	Removal
37	496.7
34	497
25	497.9
36	497.7
37	496.7

SHOREHAM ~ BRIDPORT MM 6.17 ~ MM 0.07

FROM STA. 141+50		TO STA. 142+64	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED 02/10/84	
SURVEYED BY	FANTONI	JAN 1984	
SHEET 280 OF 420 SHEETS		SHEET 280 OF 477	

SCALE 10 FEET

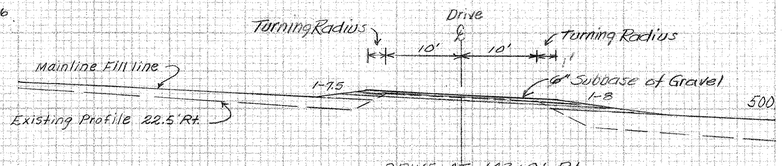
VHD Bound 774



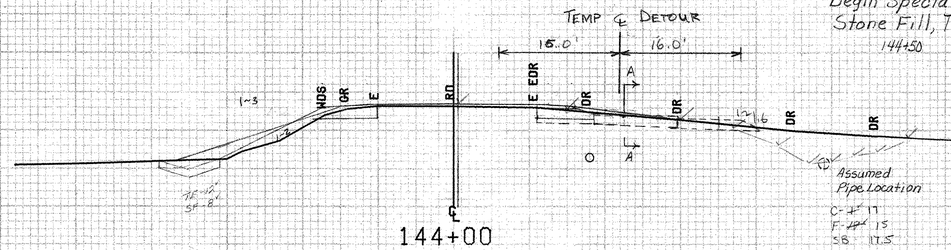
DETOUR
C - 0
F - 2
SB - 9

C - ~~8~~ 16
F - ~~59~~ 56
SB - 19

500



144+05 Rt
Begin Special Ditch w/
Stone Fill, Type I
144+50



DETOUR
C - 2.0
F - 0
SB - 30

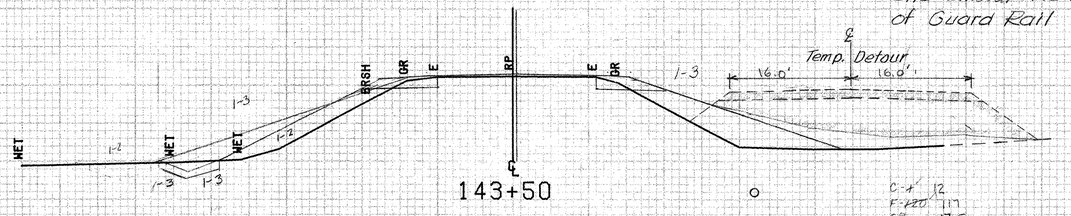
C - ~~11~~ 17
F - ~~11~~ 15
SB - 17.5

500

143+80 Rt
End GEOTEXTILE FABRIC for Silt fence

143+91 Rt
Existing 18" ACCGMP ~ Retain
Construct Drive (20' Gravel)

143+68 Rt
End Removal And Disposal
of Guard Rail



DETOUR
C - 0
F - 201
SB - 41

C - ~~4~~ 12
F - ~~120~~ 117
SB - 17.5

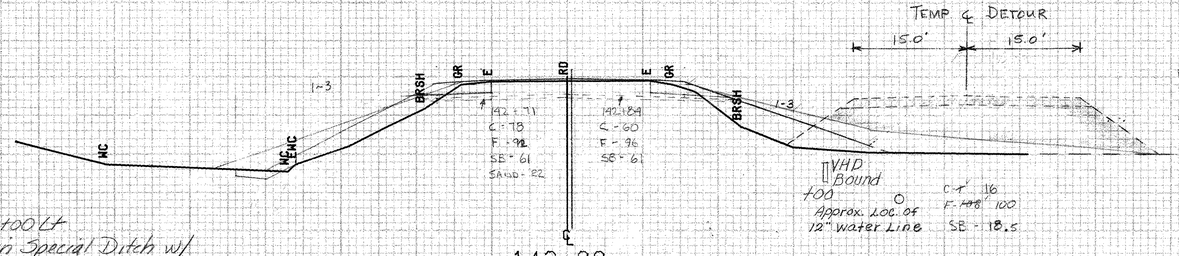
500

DETOUR	REMOVAL
69	493
60	493.5
50	493.2
39	49?.6
27	497.5
29	497.1
61	499.1
69	493

Rem 177.84 m

143+50 LT
End GEOTEXTILE FABRIC for
Silt fence

Pole
131



DETOUR
C - 0
F - 225
SB - ~~39~~

C - ~~11~~ 16
F - ~~148~~ 100
SB - 18.5

490

DETOUR	REMOVAL
78	490
67	491
58	491.9
~~49~~	495.3
34	494.7
38	497.2
68	497.2
78	491

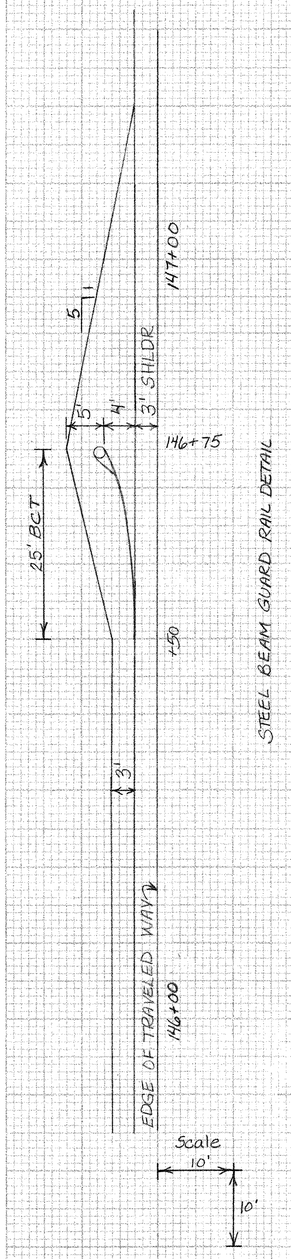
Rem 177.84 m
Rem 2.11 m

143+00 LT
Begin Special Ditch w/
Stone Fill Type I

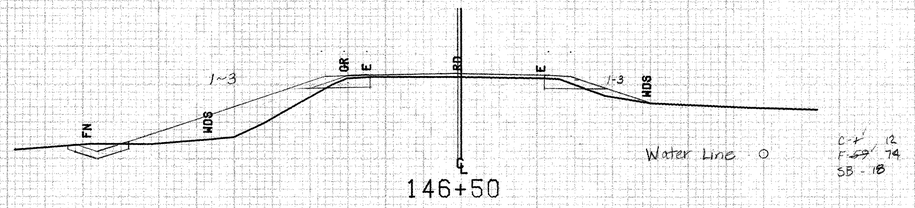
SHOREHAM ~ BRIDPORT MM 6.17 ~ MM 0.07

FROM STA.	143+00	TO STA.	144+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	02/10/84
SURVEYED BY	FANTONI		JAN 1984
SHEET 281 OF 1180 SHEETS		SHEET 281 OF 477	

SCALE 10 FEET

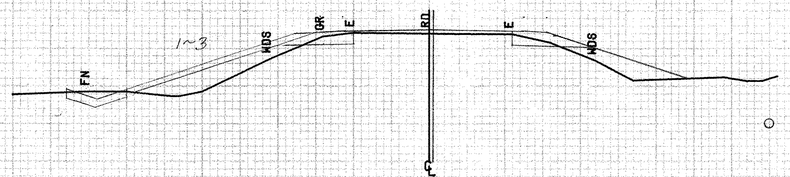


STEEL BEAM GUARD RAIL DETAIL



520

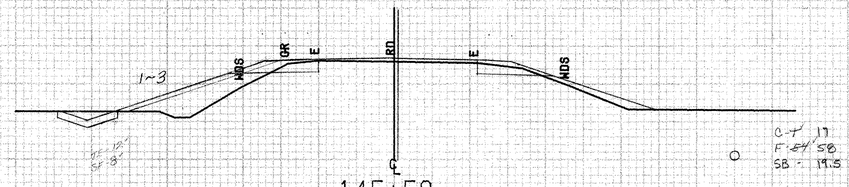
146+50



510

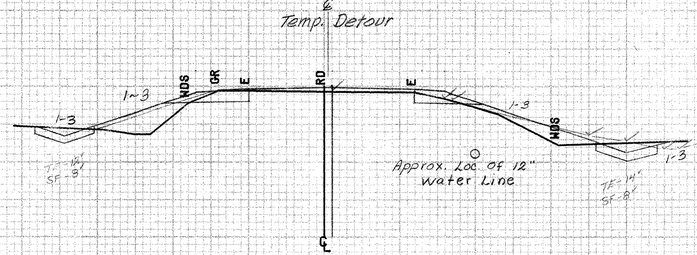
146+00

Pole
+69



510

145+50



145+11 Rt.
End Construction of
Temporary Detour

500

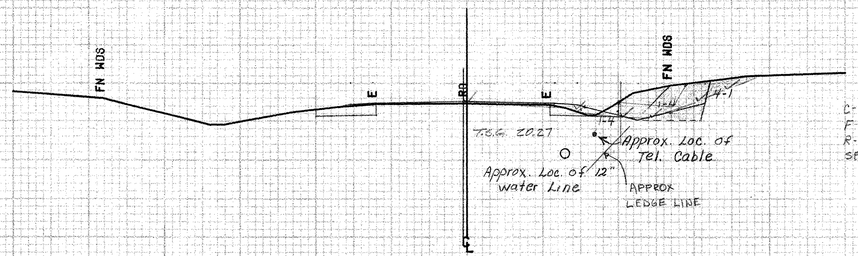
145+25 Rt.
End Special Ditch w/
Stone Fill, Type I

145+00

SHOREHAM ~ BRIDPORT MM 6.17 ~ MM 0.07

FROM STA.	145+00	TO STA.	146+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	02/10/84
SURVEYED BY	FANTONI	JAN 1984	
SHEET 282 OF 420 SHEETS		SHEET 282 OF 477	

SCALE 10 FEET



148+50

C- 58' 69
F- 10
R- 72' 39
SB - 16

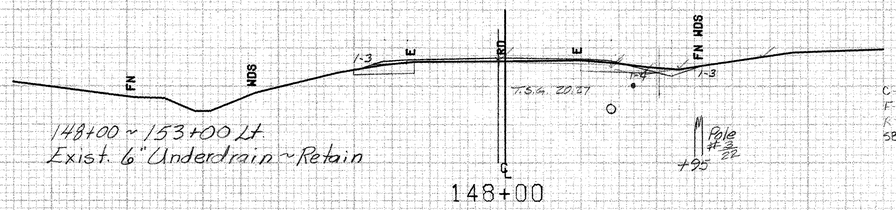
530

ROCK	
20.27	535.1
31.0	535.0
31.5	535.0
39.0	541.0
39.0	541.0
29.0	540.0
27.0	537.0
20.27	537.5
20.27	535.1

EARTH	
20.27	537.5
27.0	537.0
29.0	540.0
22.0	538.5
20.27	537.5

148+43
ZERO LEDGE

148+20 ~ 153+00 Rt
Exist 6" Underdrain ~ Retain



148+00 ~ 153+00 Lt
Exist. 6" Underdrain ~ Retain

148+00

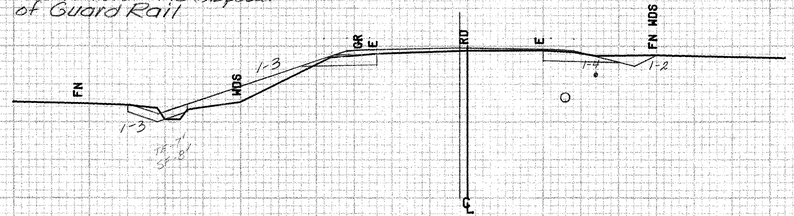
C- 7' 27
F- 1' 0
R- 0'
SB- 16.5

530

EARTH	
20.27	537.0
23.0	538.4
20.27	537.0

147+75 Lt
End Special Ditch w/
Stone Fill Type I

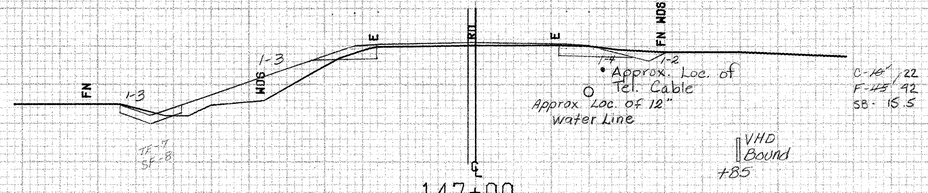
149+54 Lt
End Removal And Disposal
of Guard Rail



147+50

C- 7' 35
F- 2' 4
SB - 17

520



147+00

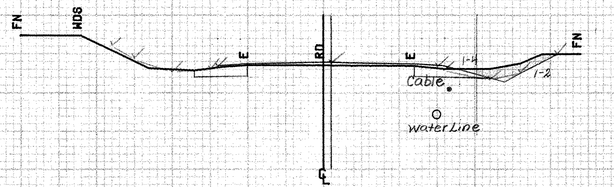
C- 15' 22
F- 11' 92
SB - 15.5

520

SHOREHAM ~ BRIDPORT MM 6.17 ~ MM 0.07

FROM STA.	147+00	TO STA.	148+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	02/10/84
SURVEYED BY	FANTONI	JAN 1984	
SHEET 283 OF 420 SHEETS		SHEET 283 OF 477	

SCALE 10 FEET



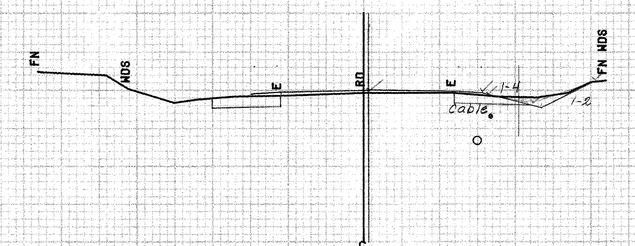
150+50

C-~~16~~ 39
F-0
SB - 15.5

550

EARTH

20.27	552.0
22.0	551.7
26.0	552.6
31.0	554.5
29.0	554.5
26.0	553.9
22.0	553.0
20.27	553.0
20.27	552.0



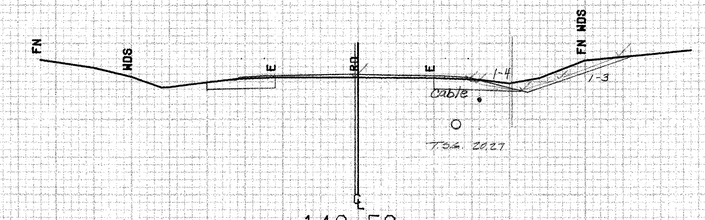
150+00

C-~~18~~ 31
F-0
SB - 17.5

540

EARTH

20.27	548.6
22.0	548.4
25.0	549.4
23.0	549.0
20.27	548.6



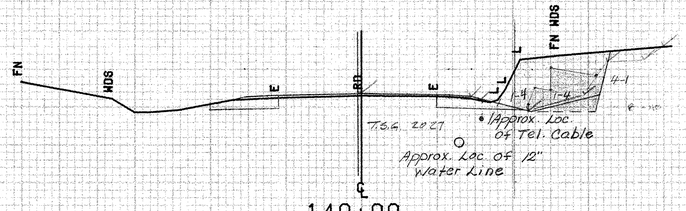
149+50

C-~~25~~ 46
F-0
R-0
SB - 18.5

540

EARTH

20.27	543.9
22.0	543.9
27.0	545.3
34.0	548.2
30.0	549.0
24.0	545.5
20.27	545.0
20.27	543.9



149+00

C-~~93~~ 115
F-0 + 10 Fillet
R-~~91~~ 96
SB - 18.5

540

ROCK

22.0	539.5
22.0	540.3
23.0	542.6
25.0	542.2
25.0	545.2
32.0	541.0
31.0	539.5
22.0	539.5

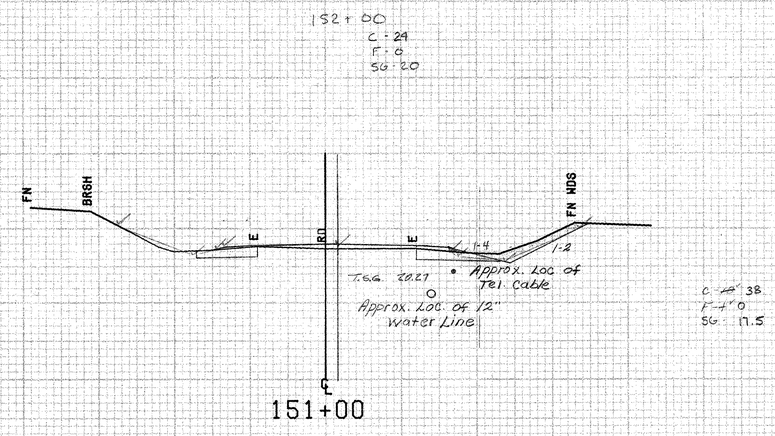
EARTH

20.27	539.7
22.0	540.3
22.0	542.6
25.0	542.2
25.0	545.2
32.0	541.0
32.5	546.0
37.0	546.1
40.0	548.0
21.0	546.4
20.27	545.0
20.27	539.7

SHOREHAM~BRIDPORT MM 6.17~MM 0.07

FROM STA. 149+00		TO STA. 150+50	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED 02/10/84	
SURVEYED BY	FANTONI	JAN 1984	
SHEET 284 OF 420 SHEETS		SHEET 284 OF 477	

SCALE 10 FEET



EARTH

20.27	555.7
22.0	555.7
32.0	559.4
35.0	560.7
33.0	560.8
28.0	558.3
23.0	556.7
20.27	555.7

550

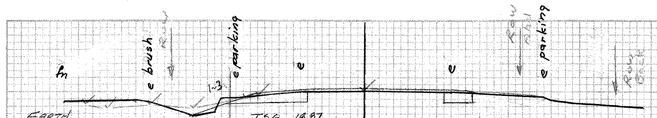
E 8.17°

SHOREHAM - BRIDPORT MM 6.17 - MM 0.07

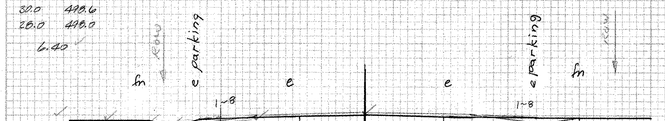
FROM STA.	151+00	TO STA.	151+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	02/10/84
SURVEYED BY	FANTONI	JAN 1984	
SHEET 285 OF 420 SHEETS		SHEET 285 OF 477	

SCALE 10 FEET

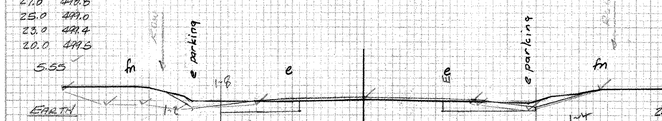
Keuffel & Esser Company PLATE 3, CROSS SECTION 48 1050 Made in U.S.A.



EARTH
28.0 498.0
30.0 498.2
36.0 497.8
39.0 498.3
32.0 497.0
30.0 498.6
28.0 498.0
6.40

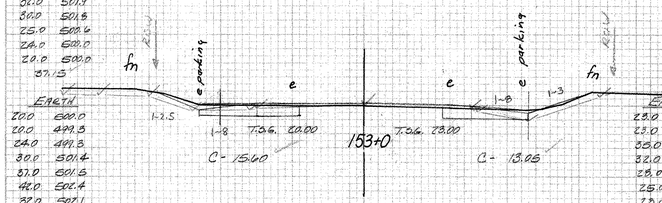


EARTH
20.0 499.5
20.0 499.0
27.0 498.5
30.0 498.9
36.0 499.1
30.0 499.3
27.0 498.8
25.0 499.0
23.0 499.4
20.0 499.5
5.55



EARTH
20.0 500.0
20.0 499.3
26.0 498.7
31.0 499.5
36.0 499.4
42.0 501.3
32.0 501.9
30.0 501.8
25.0 500.6
24.0 500.0
20.0 500.0
37.15

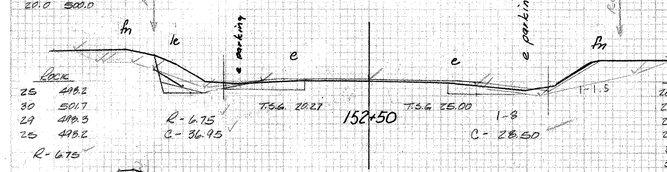
EARTH
24.0 500.0
24.0 498.7
33.0 501.3
30.0 501.0
26.0 501.5
24.0 500.0
9.95



EARTH
20.0 500.0
20.0 499.3
24.0 499.3
30.0 501.4
37.0 501.5
42.0 502.4
32.0 502.1
28.0 501.8
23.0 500.0
20.0 500.0

EARTH
23.0 499.4
23.0 498.0
35.0 501.9
32.0 502.0
28.0 501.2
25.0 499.6
23.0 499.4
13.05

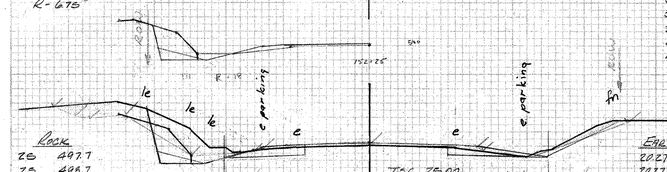
+70 ZERO LEDGE



ROCK
25 498.2
30 501.7
29 498.3
25 498.2
R- 6.75

EARTH (Lt)
20.27 499.9
20.27 499.0
23.0 498.3
25.0 498.2
30.0 501.7
33.0 502.6
37.0 502.6
38.0 502.8
41.0 504.2
34.0 504.3
30.0 503.7
27.0 502.4
23.0 500.0
20.27 499.9
36.95

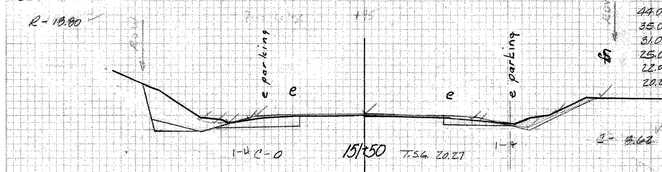
EARTH (Rt)
25.0 499.2
25.0 498.3
37.0 501.4
42.0 503.0
32.0 503.0
31.0 502.7
26.0 499.5
25.0 499.2
28.50



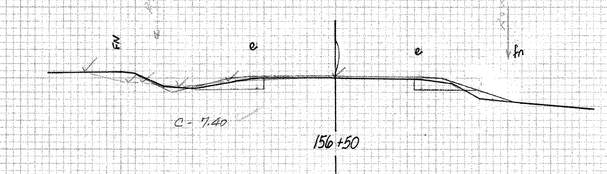
ROCK
25 497.7
25 498.7
28 502.4
35 504.4
30 502.0
29 497.7
25 497.7
R- 18.80

EARTH (Lt)
20.27 499.8
20.27 498.9
25.0 498.7
28.0 502.4
34.0 504.2
39.0 503.8
41.0 504.2
44.0 505.6
35.0 506.0
31.0 505.3
25.0 502.5
22.0 499.8
20.27 499.8

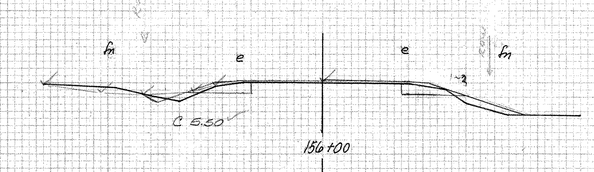
EARTH (Rt)
26.0 499.8
30.0 501.0
35.0 503.6
34.0 503.6
32.0 503.0
26.0 499.8
5.50



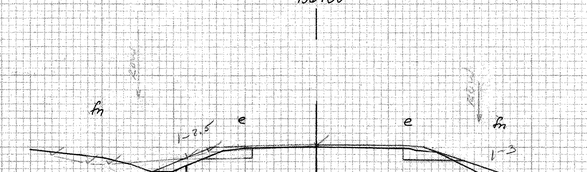
EARTH (Rt)
20.27 499.0
20.27 498.5
23.0 498.2
27.0 500.3
33.0 502.5
31.0 502.6
26.0 500.1
23.0 499.7
21.0 499.0
20.27 499.0



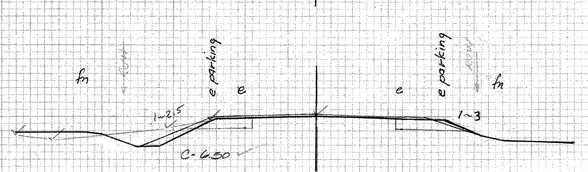
EARTH (Lt)
24.0 499.0
27.0 499.4
29.0 499.3
35.0 500.8
30.0 500.9
29.0 500.6
24.0 499.0
7.40



EARTH (Lt)
25.0 498.3
31.0 498.7
39.0 499.6
29.0 499.3
25.0 498.3
5.50



EARTH (Lt)
27.0 497.9
29.0 497.6
32.0 497.8
37.0 498.9
30.0 498.6
27.0 497.9
5.65



EARTH (Lt)
30.0 497.4
37.0 496.9
42.0 497.6
32.0 497.9
30.0 497.4
6.50

Cuts ✓ by WJG 4-20-92

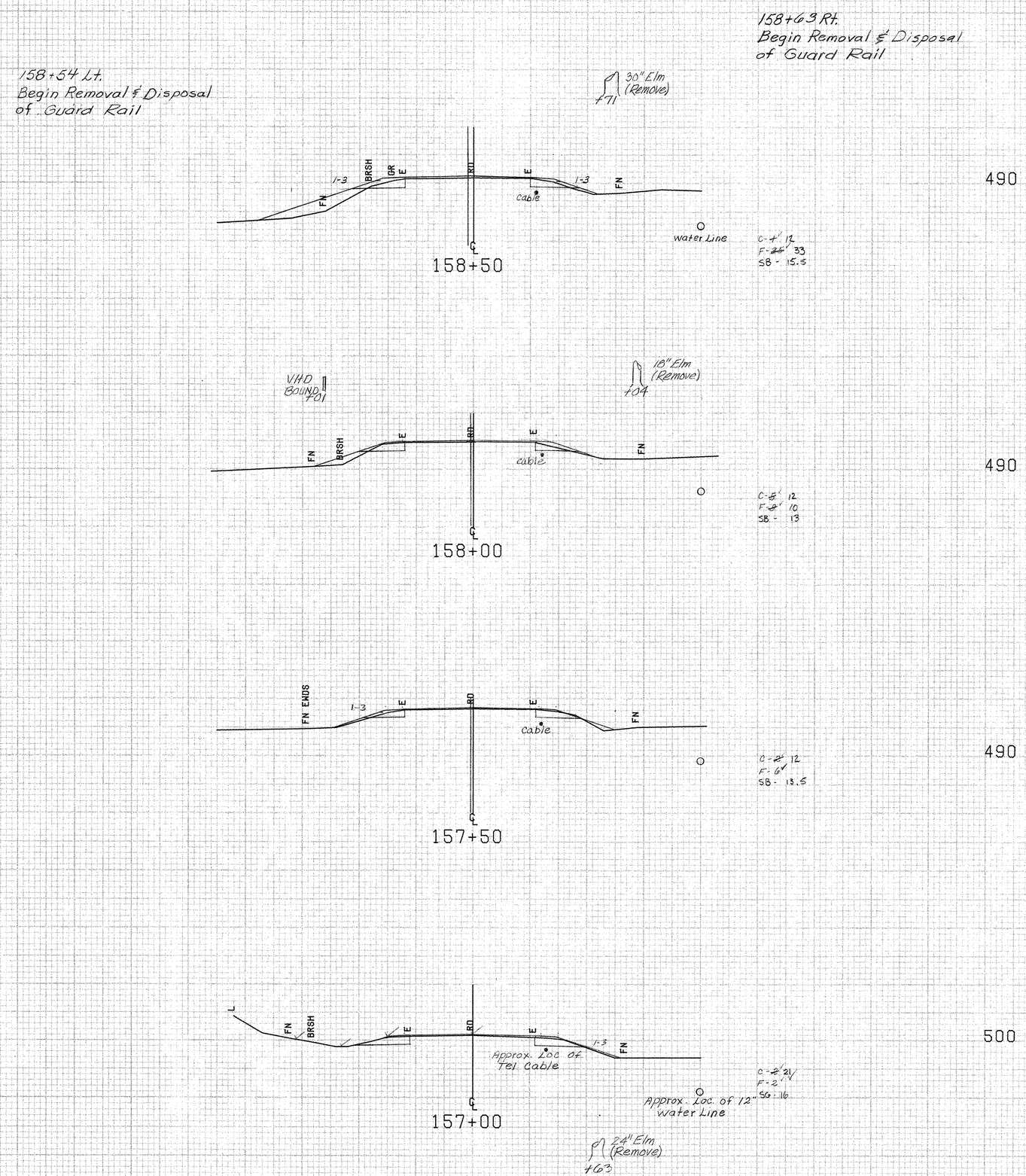
Cuts ✓ by WJG 4-20-92

11-90 DAY

SHOREHAM - BRIDPORT-ADDISON F-017-1(2)

ORIGINAL SECTIONS 11-90

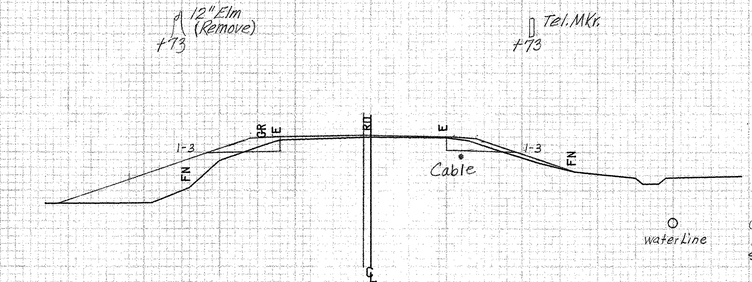
151+50 - 156+50 SH 285-A OF 477



BRIDPORT MM 0.18~MM 0.29

SCALE 10 FEET

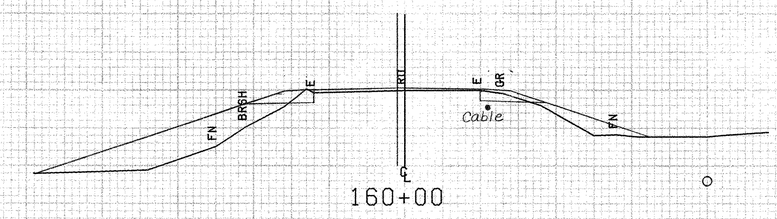
FROM STA. 157+00		TO STA. 158+50	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED 02/10/84	
SURVEYED BY	FANTONI	JAN 1984	
SHEET 286 OF 420 SHEETS		SHEET 286 OF 477	



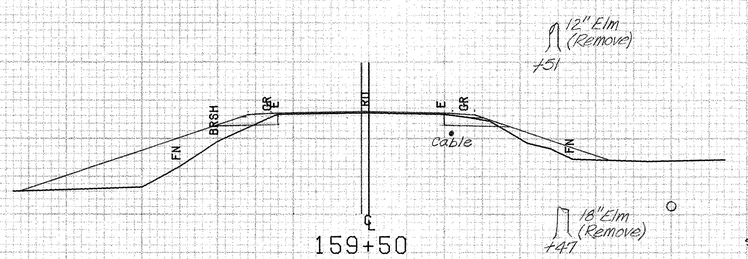
470

160+47 Lt.
End Removal & Disposal
of Guard Rail

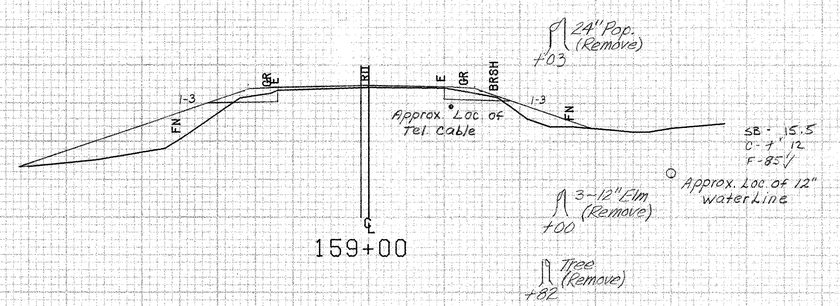
160+23 Rt.
End Removal & Disposal
of Guard Rail



480



480

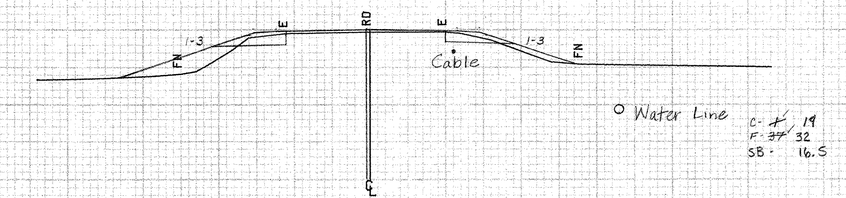


480

BRIDPORT MM 0.18 ~ MM 0.29

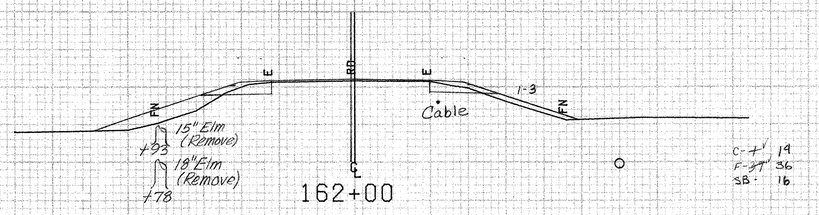
FROM STA.	159+00	TO STA.	160+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	02/10/84
SURVEYED BY	FANTONI		JAN 1984
SHEET 287 OF 420 SHEETS		SHEET 287 OF 477	

SCALE 10 FEET



460

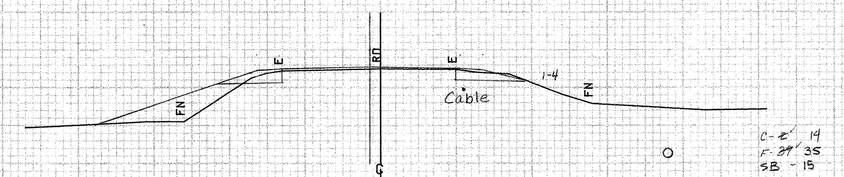
162+50



470

162+00

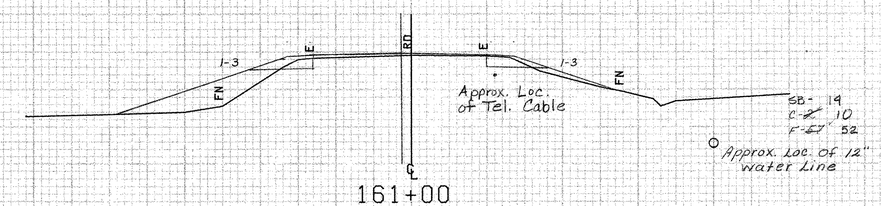
12" Elm (Remove) +61



470

161+50

18" Oak (Remove) +35



470

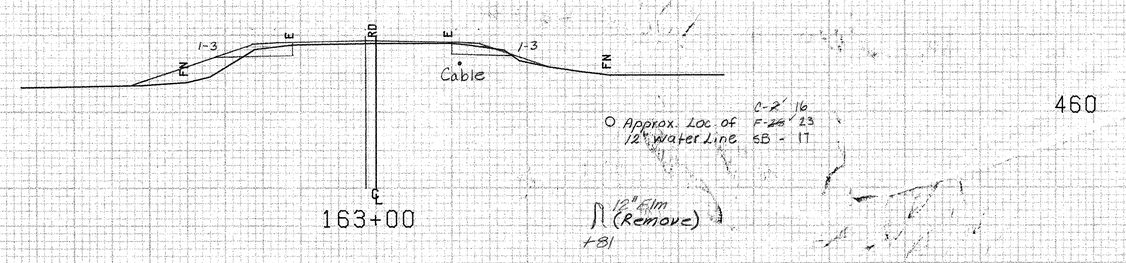
161+00

BRIDPORT MM 0.18 ~ MM 0.29

FROM STA.	161+00	TO STA.	162+50
PROJECT NAME		SHOREHAM-BRIDPORT-ADDISON	
NO.		F017-1(2)	PLOTTED 02/10/84
SURVEYED BY		FANTONI	JAN 1984
SHEET 228 OF 420 SHEETS			SHEET 228 OF 477

SCALE 10 FEET

163+00 ~ 165+00 Lt
Removing & Resetting Fence
Temporary Barbed Wire Fence (4-strand)
REMOVAL OF EXISTING FENCE

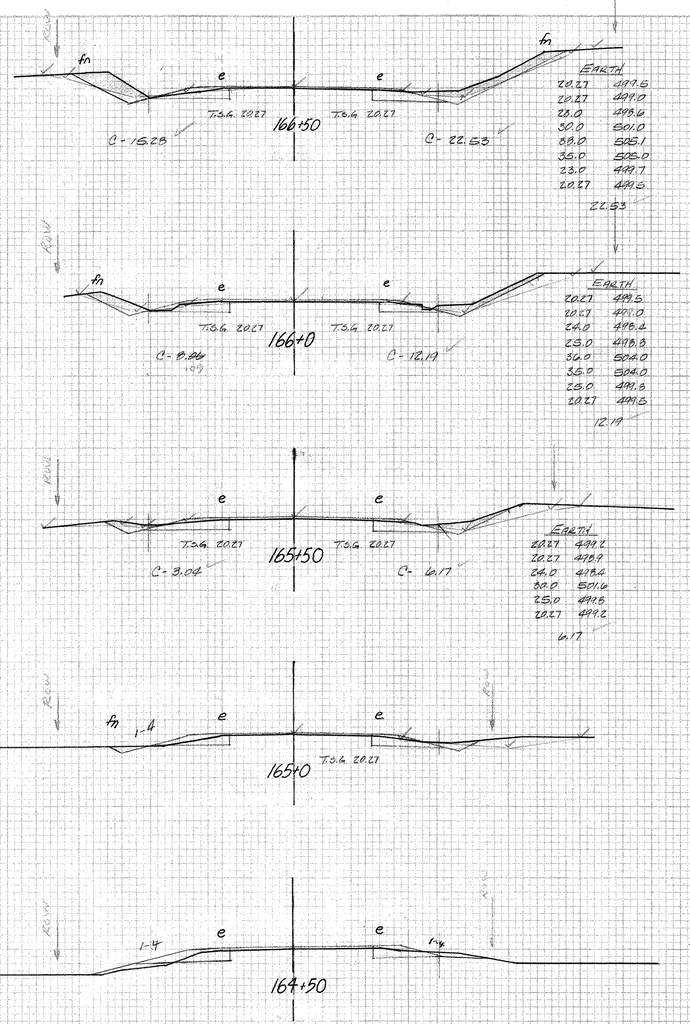


BRIDPORT MM 0.18~MM 0.29

SCALE 10 FEET

FROM STA. 163+00		TO STA. 163+00	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED 02/10/84	
SURVEYED BY	FANTONI	JAN 1984	
SHEET 289 OF 420 SHEETS		SHEET 289 OF 477	

Kenneth B. Keyser Company Made in U.S.A.



EARTH
20.27 499.0
22.0 498.9
27.5 500.0
31.0 500.0
26.0 501.2
20.27 499.0
15.28

EARTH
20.27 499.5
20.27 499.0
28.0 498.6
30.0 501.0
38.0 505.1
35.0 505.0
23.0 499.7
20.27 499.5
22.53

EARTH
20.27 499.0
22.0 498.5
27.0 500.0
29.0 501.2
27.0 501.5
20.27 499.0
8.86

EARTH
20.27 499.5
20.27 499.0
24.0 498.6
23.0 498.8
30.0 504.0
35.0 504.0
25.0 499.6
20.27 499.5
12.19

EARTH
20.27 499.1
20.27 498.9
21.0 498.9
24.0 499.2
28.0 499.1
26.5 499.8
25.0 499.9
20.27 499.1
3.04

EARTH
20.27 499.2
20.27 498.9
24.0 498.6
30.0 501.6
25.0 499.6
20.27 499.2
6.17

EARTH
20.27 499.0
20.27 498.9
25.0 498.2
27.0 499.0
23.0 499.7
20.27 499.0
5.28

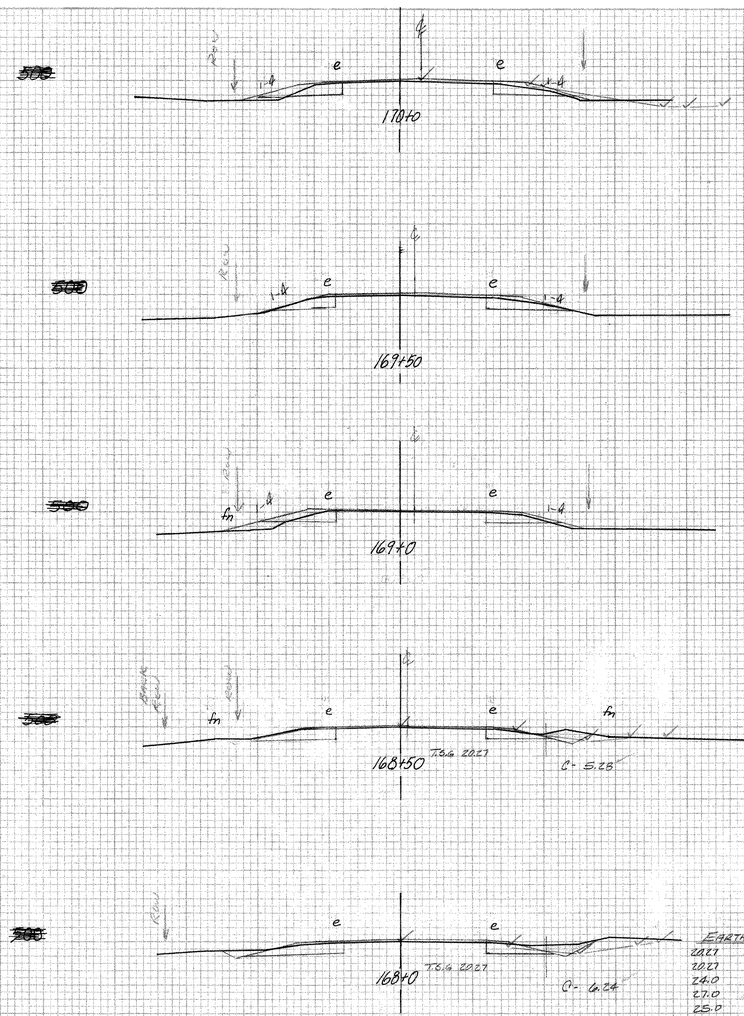
EARTH
20.27 499.0
22.0 498.8
27.0 500.0
31.6 502.3
30.0 502.4
26.0 501.8
22.0 500.3
20.27 499.0
15.25

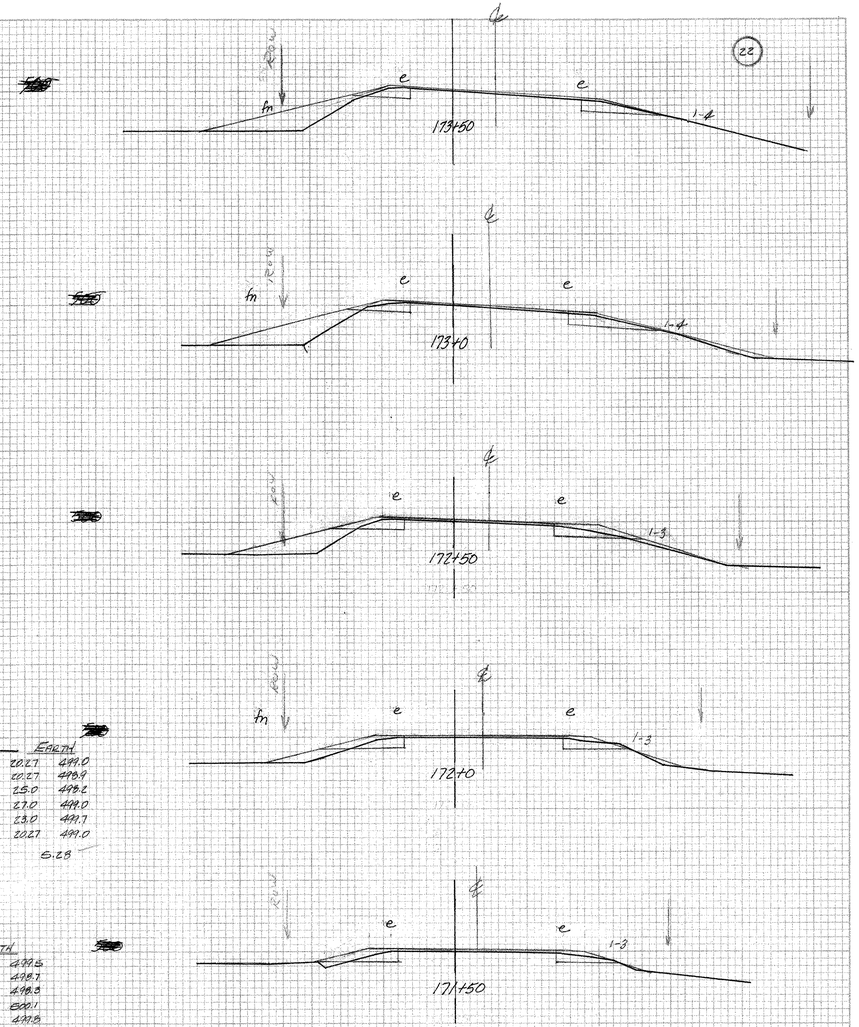
EARTH
20.27 499.5
20.27 498.7
24.0 498.8
27.0 500.1
25.0 499.8
20.27 499.5
6.24

EARTH
20.27 499.3
24.0 499.0
26.5 499.4
29.0 501.0
28.0 501.1
24.0 500.5
20.27 499.3
0.56

EARTH
20.27 499.5
20.27 499.0
22.0 498.6
29.0 501.6
37.0 505.3
32.0 504.7
24.0 499.7
20.27 499.5
14.88

EARTH
20.27 499.1
20.27 498.8
23.0 498.6
24.0 499.8
30.0 504.9
34.0 504.5
24.0 499.8
20.27 499.7
12.00

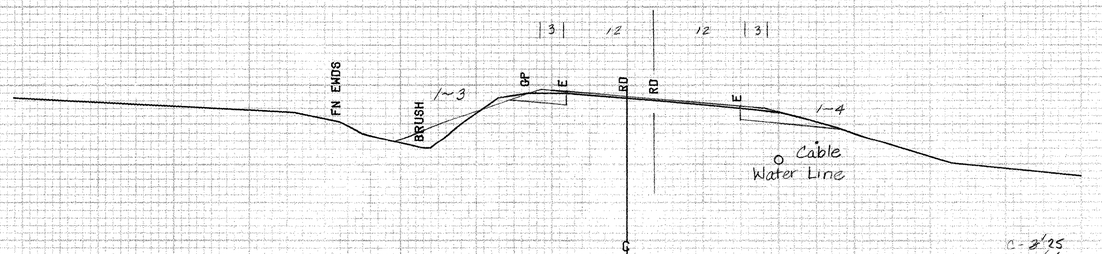




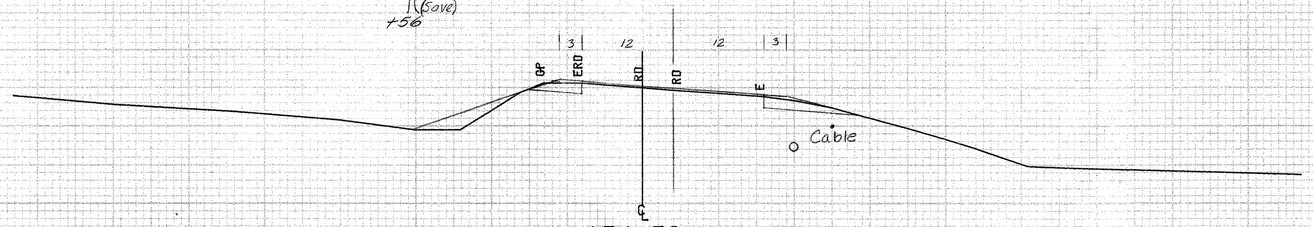
CUT: w/ Big WJG 4-21-92

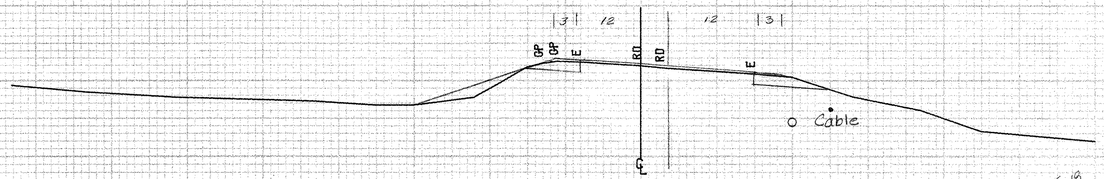
SHOREHAM
BRIDPORT F-017-1(2)
ADDISON
ORIGINAL SECTIONS 11-90

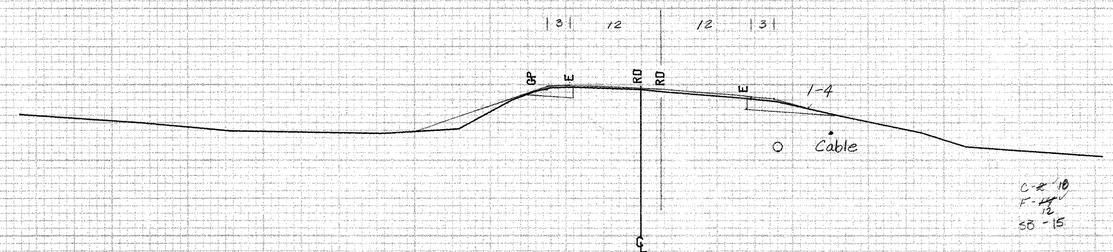
163+50 - 173+50 SHEET 289-A OF 477



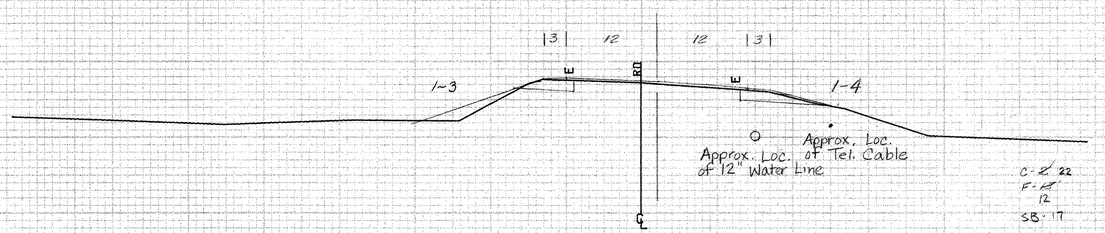
12" E (Save) +56







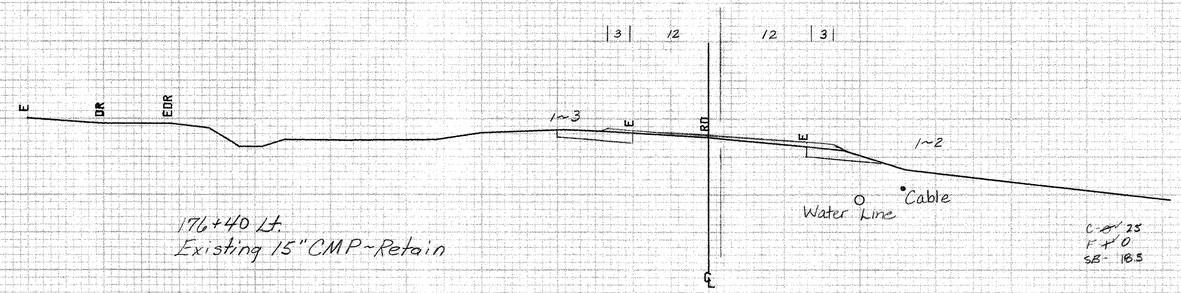
173+41 Lt.
Begin Removal and Disposal of Guide Posts



BRIDPORT MM. 0.49 ~ MM. 0.56

SCALE 10 FEET

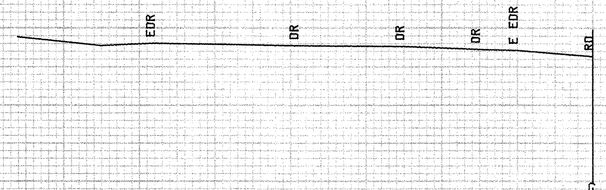
FROM STA.	173+00	TO STA.	175+00
PROJECT NAME	SHOREHAM-ADDISON		MAINS
NO.	F017-1(2)	PLOTTED	01/09/85
SURVEYED BY	FANTONI	DEC 1984	
SHEET 290 OF 420 SHEETS		SHEET 290 OF 477	



176+40 Lt.
Existing 15" CMP~Retain

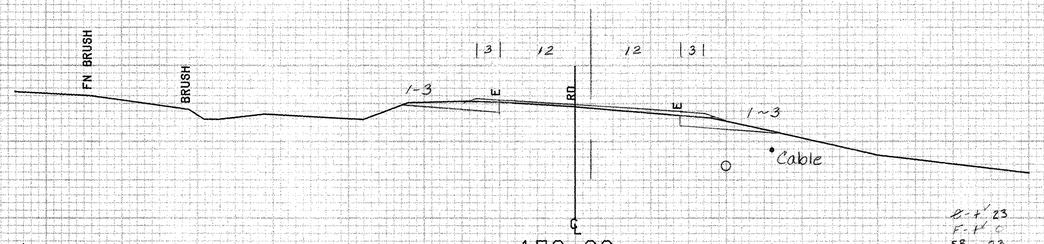
℄
176+50
SEE SHEET 292-A

500



℄
176+32

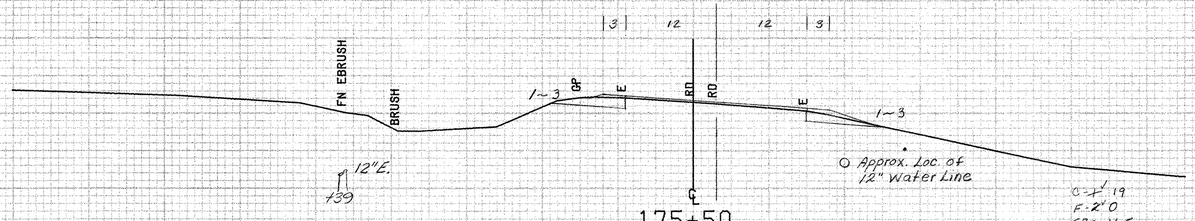
500



175+57 Lt.
End Removal and Disposal
of Guide Posts

℄
176+00
SEE SHEET 292-A

500



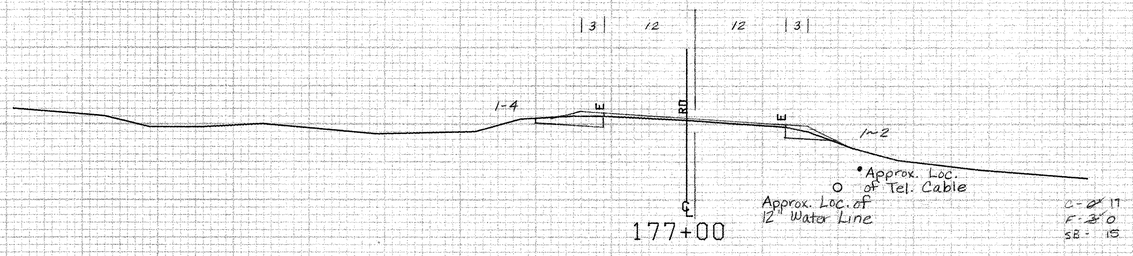
℄
175+50
SEE SHEET 292-A

500

BRIDPORT MM. 0.79 ~ MM. 0.56

ROM STA.	175+50	TO STA.	176+50
PROJECT NAME	SHOREHAM-ADDISO		MAINS
NO.	F017-1(2)		PLOTTED 01/09/85
SURVEYED BY	ANTOI		DEC 1984
SHEET 291 OF 420 SHEETS			SHEET 291 OF 477

SCALE 10 FEET



177+00

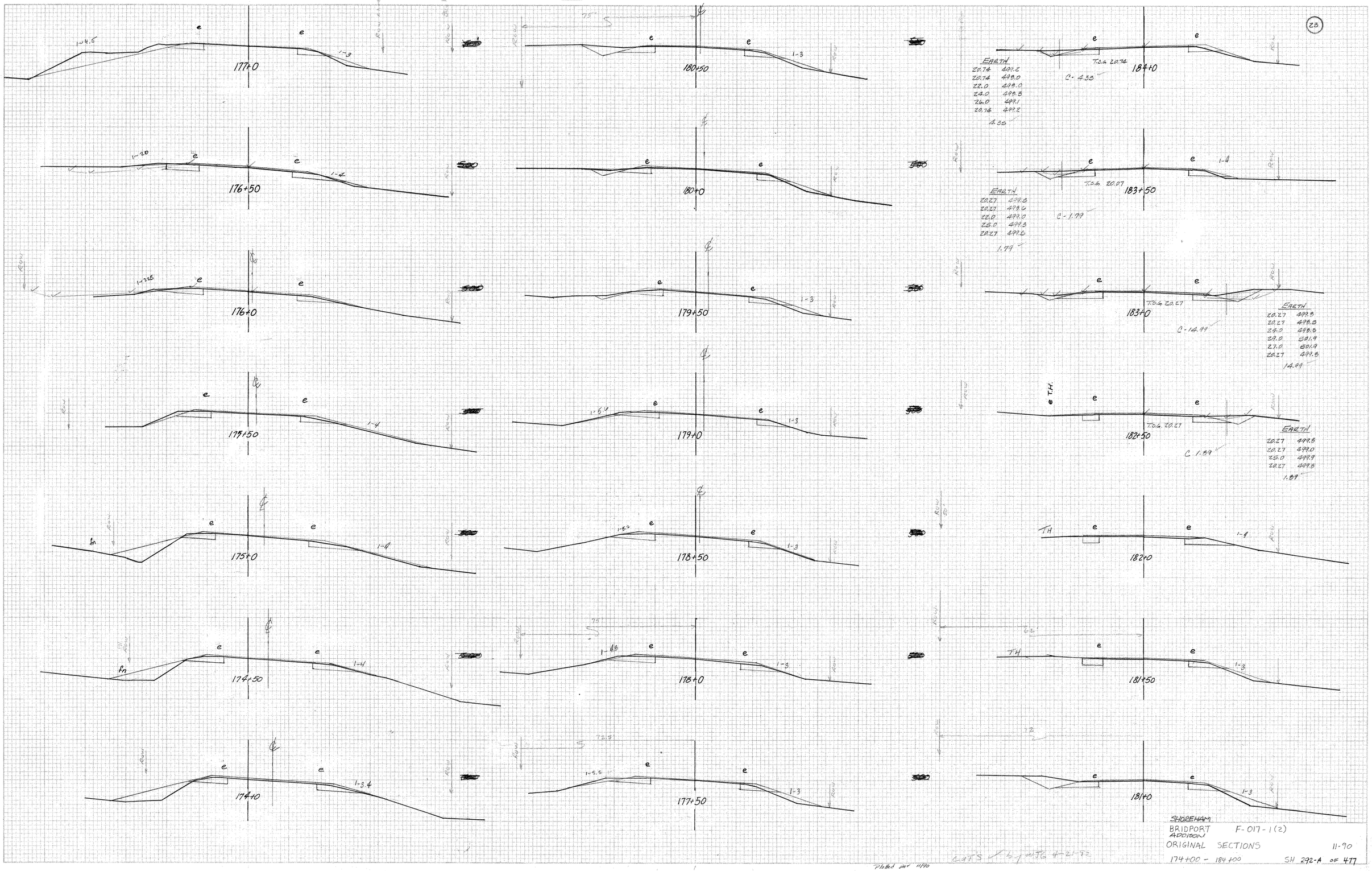
SEE SHEET 292-A

510

BRIDPORT MM 0.49 - MM 0.56

FROM STA.	177+00	TO STA.	177+00
PROJECT NAME	SHOREHAM-ADDISON		MAINS
NO.	F017-1(2)		PLOTTED 01/09/85
SURVEYED BY	FANTONI		DEC 1984
SHEET 292 OF 420 SHEETS			SHEET 292 OF 477

SCALE 10 FEET



EARTH
20.74 499.2
20.74 498.0
22.0 498.0
24.0 498.3
26.0 499.1
20.74 499.2
4.35

EARTH
20.27 499.5
20.27 498.6
22.0 499.0
25.0 499.3
20.27 499.5
1.79

EARTH
20.27 499.8
20.27 498.5
24.0 498.5
29.0 501.9
27.0 501.9
20.27 499.8
14.99

EARTH
20.27 499.8
20.27 499.0
25.0 499.9
20.27 499.8
1.89

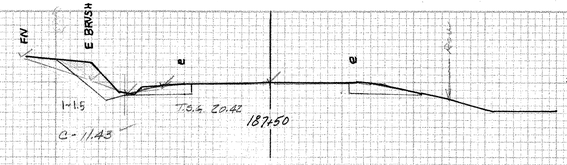
SHOREHAM
BRIDPORT F-017-1(2)
ADDISON
ORIGINAL SECTIONS 11-90
174+00 - 184+00 SH 292-A OF 477

Plotted on 11/90

Kenneth R. Essex Company PLATE 3, CROSS SECTIONS TO 50' Made in U.S.A.

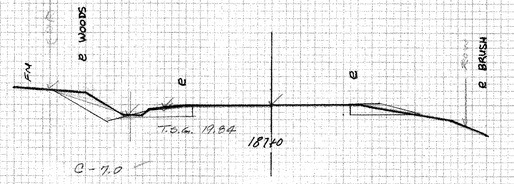
EARTH	
21.50	498.8
27.0	501.0
30.0	503.0
25.0	502.7
21.50	498.8

11.43



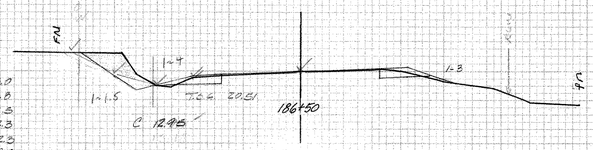
EARTH	
21.0	498.8
31.0	502.0
26.0	501.8
21.0	498.8

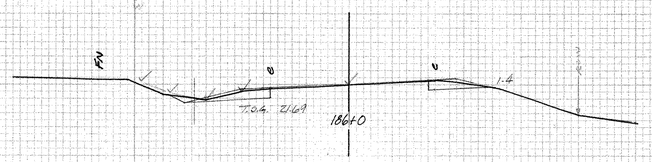
7.0



EARTH	
20.51	498.0
22.0	499.8
27.5	502.5
30.6	502.3
25.0	502.3
23.0	499.6
20.51	498.0

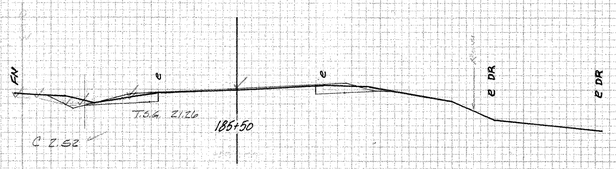
12.95





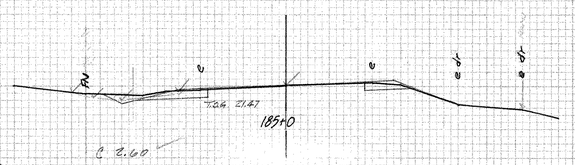
EARTH	
21.26	498.5
21.26	498.0
24.0	498.3
20.5	499.2
24.0	499.0
21.26	498.5

2.52



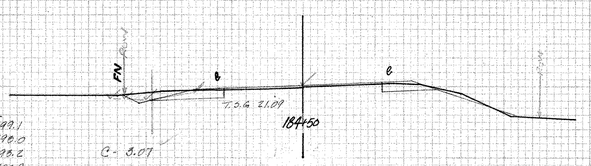
EARTH	
21.47	498.8
21.47	498.2
28.0	498.0
24.0	498.1
28.5	499.0
21.47	498.8

2.60



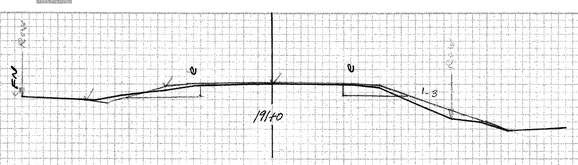
EARTH	
21.09	499.1
21.09	498.0
24.3	498.2
25.0	498.9
21.09	499.1

3.07



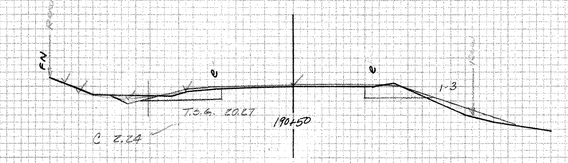
EARTH	
21.0	498.4
26.0	499.3
29.0	500.4
24.0	498.7
21.0	498.4

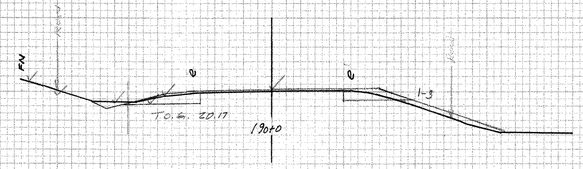
3.40

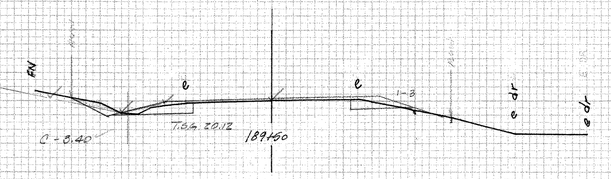


EARTH	
20.27	498.6
20.27	498.7
23.0	499.2
24.5	498.2
23.5	499.1
20.27	498.6

2.24

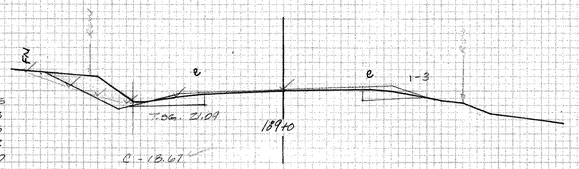






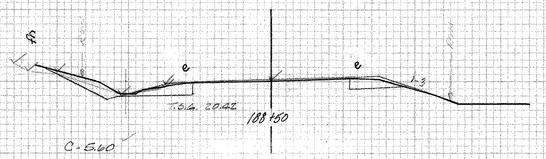
EARTH	
21.09	498.5
21.09	498.3
22.0	498.3
24.0	499.2
28.0	500.0
33.5	502.6
26.0	501.0
21.09	498.5

18.67



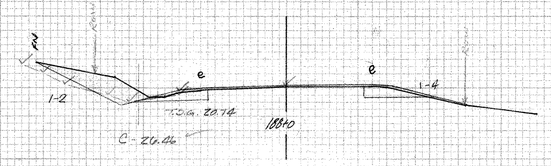
EARTH	
21.0	498.3
30.0	501.0
32.0	502.0
24.0	500.0
21.0	498.3

5.60

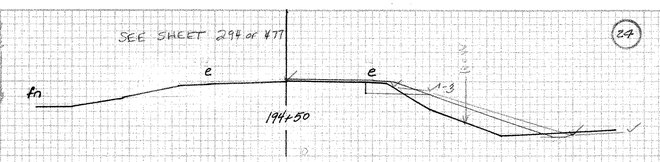


EARTH	
20.74	499.6
20.74	498.0
22.0	498.1
25.0	499.0
27.0	499.5
33.0	503.6
24.0	501.6
20.74	499.6

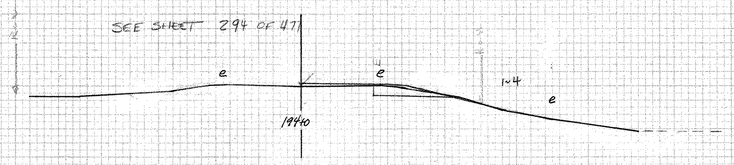
26.46



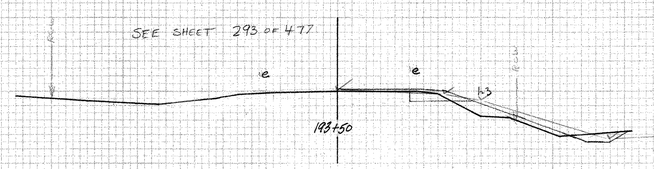
SEE SHEET 294 of 477



SEE SHEET 294 of 477

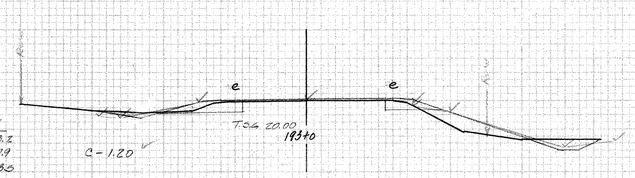


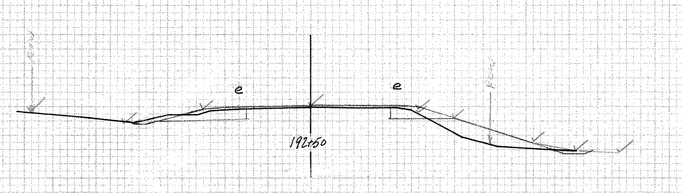
SEE SHEET 293 of 477



EARTH	
20.0	498.2
25.0	499.9
29.0	498.5
23.0	498.2

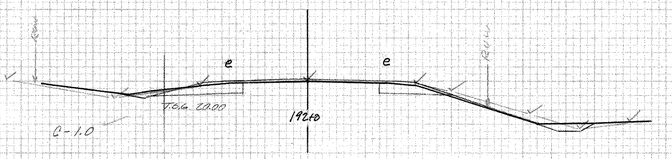
1.20





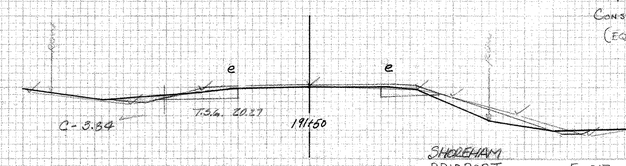
EARTH	
20.0	498.9
20.0	498.7
23.0	498.0
23.0	498.2
20.0	498.9

1.0



EARTH	
20.27	499.0
20.27	498.5
23.0	497.9
28.0	498.2
20.27	499.0

8.84

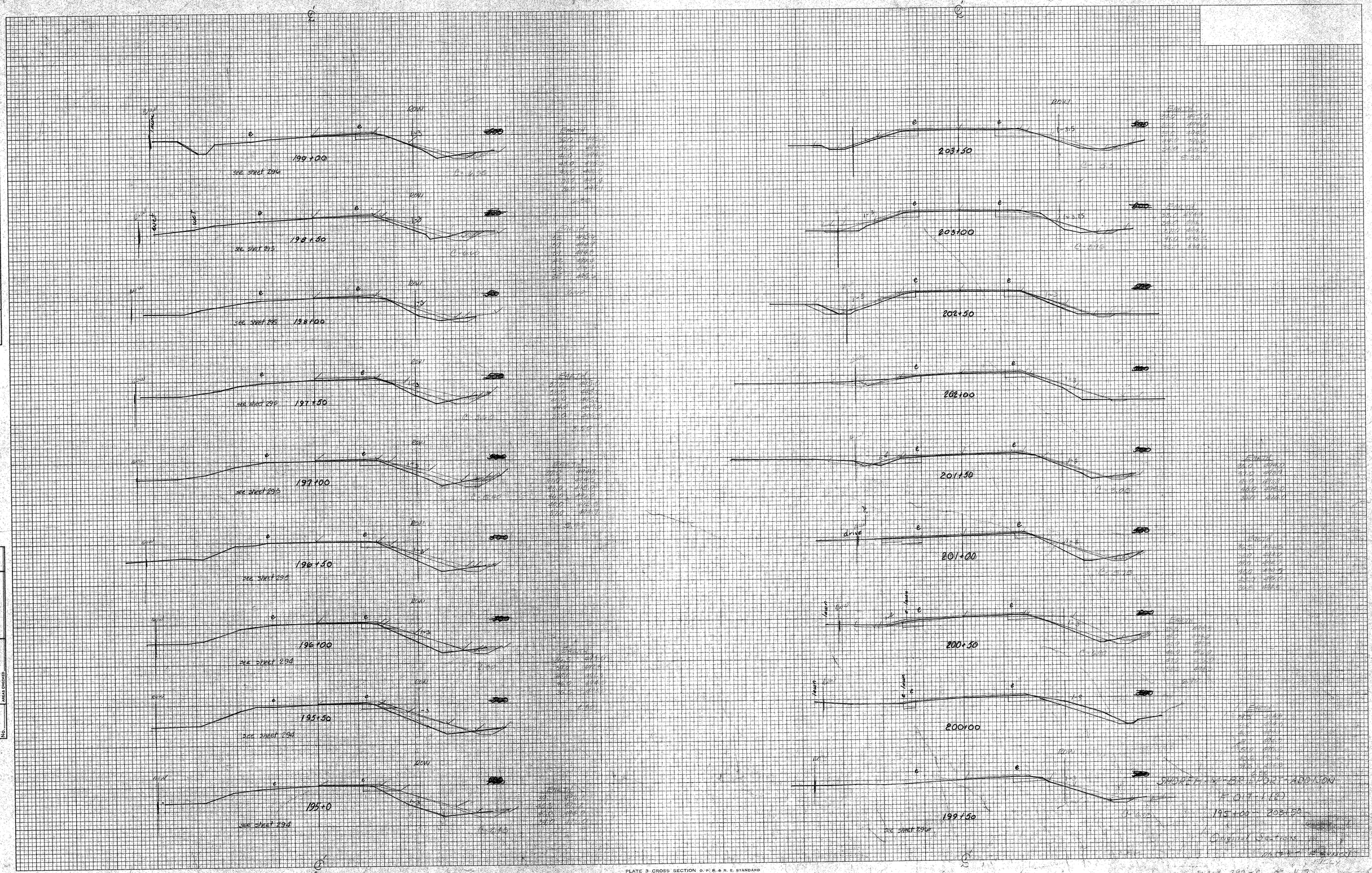


191+50 ~ 205+00 RT
CONSTRUCT SPECIAL DITCH
(EQUIPMENT RENTAL)

SHOREHAM
BRIDPORT F-017 - 1(2)
ADDISON
ORIGINAL SECTIONS 11-90
184+50 - 194+50 SH 292 OF 477

Cards ✓ by WSG 4-21-92

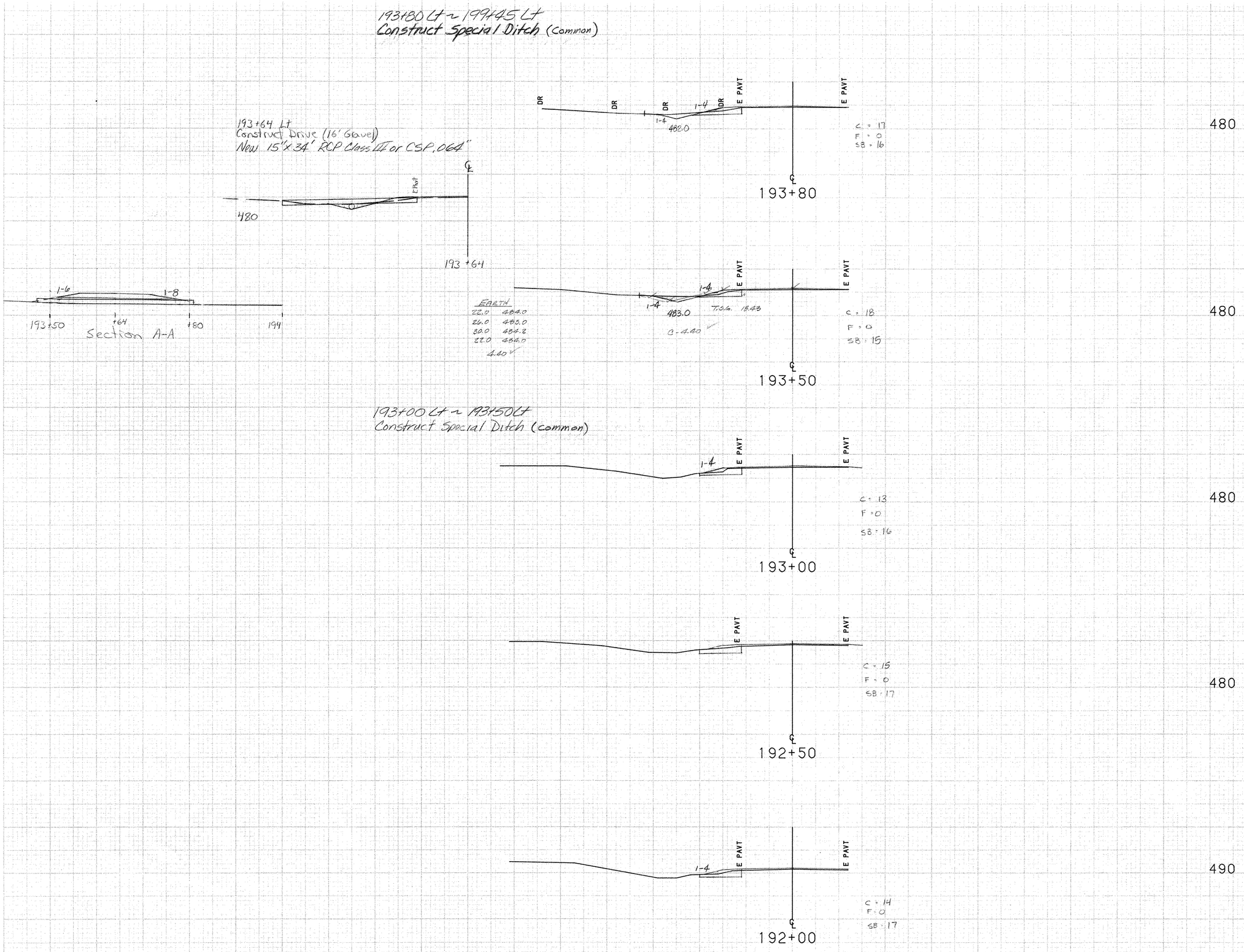
DECELL 12/14/90



FINAL SURVEY
NOTE BOOK No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

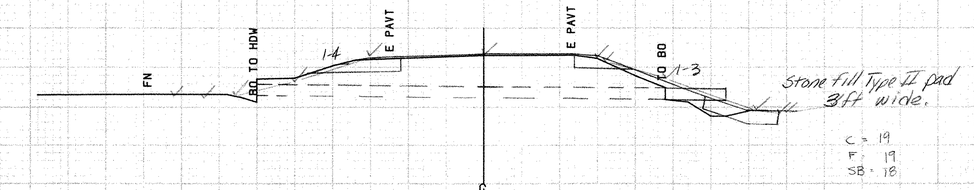


Bridport MM 0.85~MM 0.88

FROM STA. 192+00		TO STA. 193+80	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED 05/27/88	
SURVEYED BY	MOREAU	05/88	0130
SHEET 293 OF 420 SHEETS		SHEET 293 OF 477	

CUTS ✓ WJG 4-21-92

SCALE 10 FEET



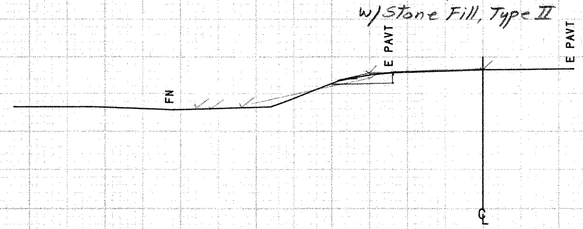
C = 19
F = 19
SB = 18

470

℄
196+00

18" RCP RETAIN
Extend w/New 18"x8'
w/Stone Fill, Type II

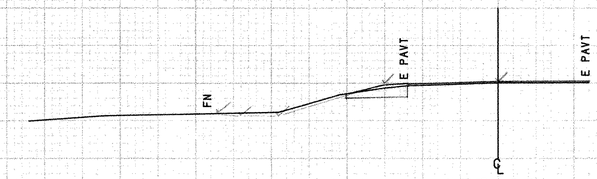
@ Outlet



C = 15
F = 0
SB = 14

470

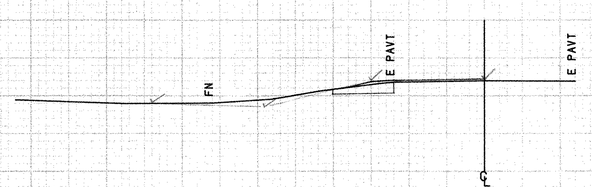
℄
195+50



C = 14
F = 0
SB = 15

480

℄
195+00

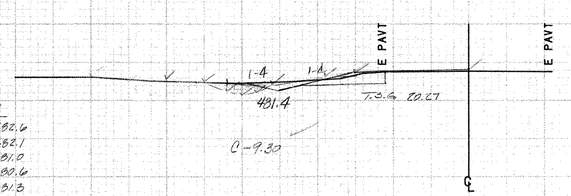


C = 14
F = 0
SB = 15

480

℄
194+50

194+40 Lt
Begin Removing and Resetting fence
Begin Temporary Barbed Wire Fence (4-strand)



EARTH	
28.0	482.6
26.0	482.1
28.0	481.0
30.0	480.6
32.0	481.3
35.0	482.6
30.0	482.2
23.0	482.6

9.3

C = 22
F = 0
SB = 16

480

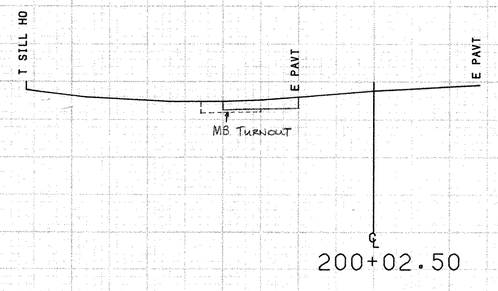
℄
194+00

CATS ✓ WJE 4-21-94

Bridport MM 0.89 ~ MM 0.92

FROM STA.	194+00	TO STA.	196+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	05/27/88
SURVEYED BY	MOREAU	05/88	0130
SHEET 294 OF 420 SHEETS		SHEET 294 OF 477	

SCALE 10 FEET



200+02.50

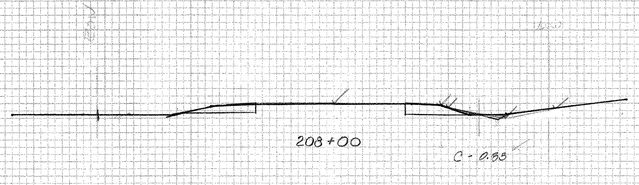
C - 18
P - 0
SB - 17

460

Bridport MM 1.00

FROM STA.	200+02.50	TO STA.	200+02.50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	05/27/88
SURVEYED BY	MOREAU	05/88	0130
SHEET 297 OF 420 SHEETS		SHEET 297 OF 477	

SCALE 10 FEET

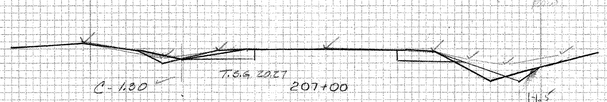


EARTH

21.0	498.4
23.5	498.0
24.5	498.5
21.0	498.4

0.83

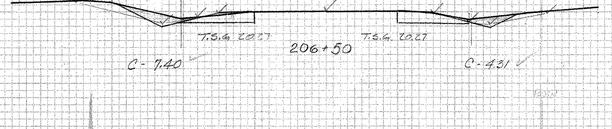




EARTH

22.0	498.8
23.0	498.7
25.2	499.0
24.5	498.5
22.0	498.8

1.3



EARTH

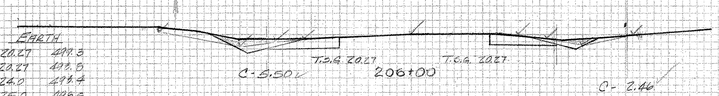
20.27	499.0
20.27	498.6
23.0	498.4
25.0	499.0
28.0	501.5
20.27	499.0

7.40

EARTH

20.27	499.0
20.27	498.5
23.0	498.4
24.5	498.5
26.5	499.7
20.27	499.0

4.31



EARTH

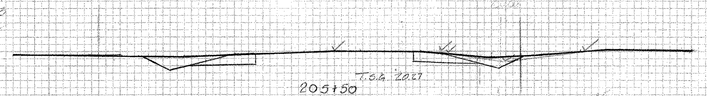
20.27	499.3
20.27	499.0
24.0	498.4
26.0	495.5
28.0	500.2
24.0	499.2
20.27	499.3

5.50

EARTH

20.27	499.3
24.0	498.6
26.0	499.6
27.0	499.8
20.27	499.3

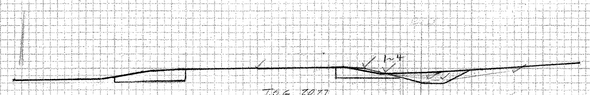
2.46



EARTH

20.27	499.2
20.27	499.0
24.0	498.6
26.0	499.4
27.0	499.1
20.27	499.2

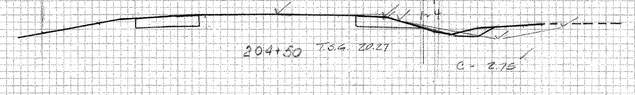
1.87



EARTH

20.27	499.4
20.27	499.0
24.0	498.5
27.0	499.5
29.5	499.8
20.27	499.4

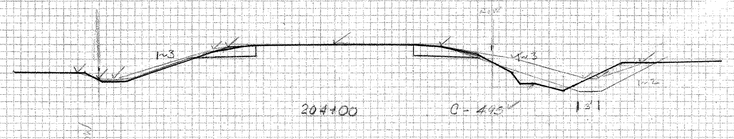
7.60



EARTH

25.5	499.0
25.0	499.0
30.5	498.2
33.0	499.1
22.5	497.6

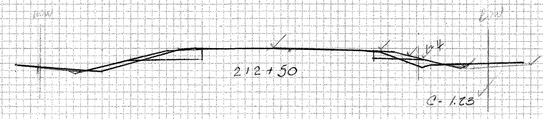
2.75



EARTH

35.5	495.2
37.0	495.2
43.0	497.8
40.0	497.4
35.5	495.2

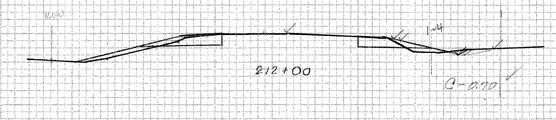
4.95



EARTH

24.0	496.0
26.0	497.5
27.5	496.0
24.0	496.0

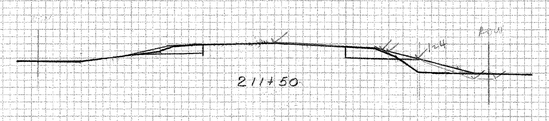
1.23

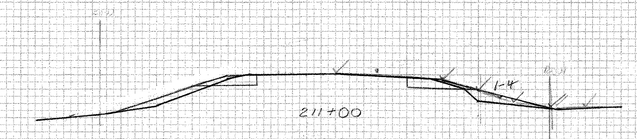


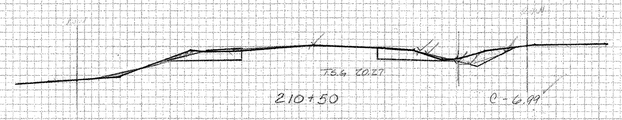
EARTH

28.0	497.5
24.0	497.0
25.0	497.9
23.0	497.5

0.70



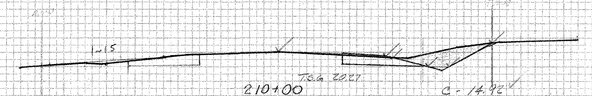




EARTH

20.27	495.2
22.27	496.0
22.0	497.7
27.0	499.0
29.0	500.0
24.0	499.2
20.27	495.2

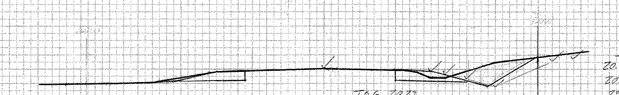
6.99



EARTH

20.27	497.7
20.27	498.0
21.0	495.1
24.0	498.1
30.0	501.6
26.0	500.7
20.27	497.7

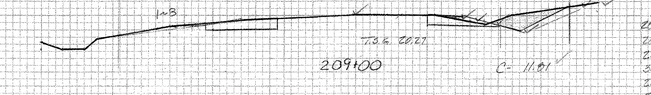
14.95



EARTH

20.27	499.2
20.27	498.7
25.0	499.8
30.2	501.7
24.0	500.0
20.27	499.2

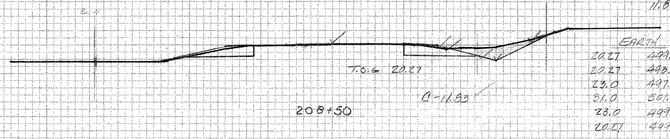
15.82



EARTH

20.27	497.5
20.27	498.6
23.0	498.2
30.0	500.2
22.0	500.2
20.27	497.5

11.81



EARTH

20.27	497.7
22.27	498.5
23.0	497.7
31.0	500.9
28.0	499.8
20.27	497.7

11.83

SHOREHAM-BRIDPORT-ADDITION
F017-1(2)

204+00 - 212+50

Original Sections

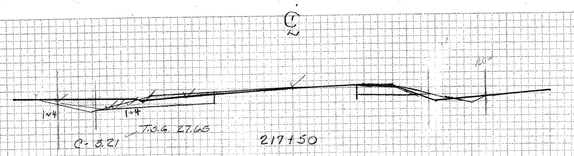
PLOTTED R.RUSSO

Cats ✓ WJG 4-21-92

PLATE 3 CROSS SECTION D. P. P. & P. R. STANDARD
JEFFERSON CORPORATION

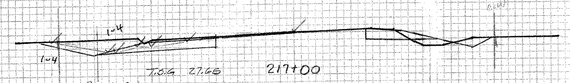
SHEET 297-A OF 471

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TRIPLATE
AREAS
AREAS CHECKED
BY
DATE



EARTH	
27.65	498.9
27.65	497.7
33.0	495.5
27.65	498.9

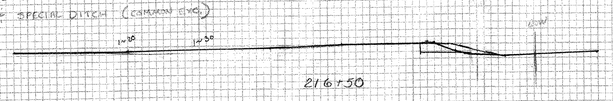
3.21

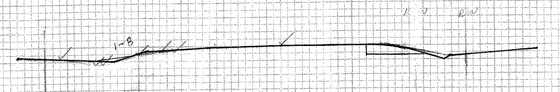


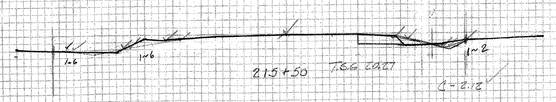
EARTH	
27.65	499.1
27.65	497.8
34.0	495.5
27.65	499.1

4.18

216+75 ~ 219+25
CONSTRUCT 8' PAVED SHOULDER & SPECIAL DITCH (COMMON EXC.)

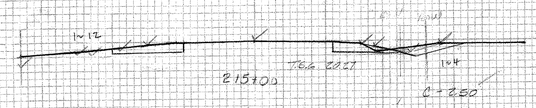






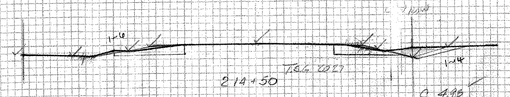
EARTH	
20.27	498.5
22.0	498.0
26.0	498.0
25.0	497.0
20.27	498.5

2.12



EARTH	
20.27	499.0
20.27	498.3
22.0	498.4
26.0	498.6
20.27	499.0

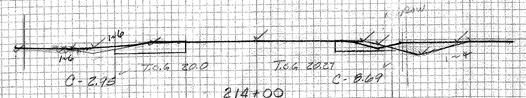
2.50



EARTH	
20.27	499.0
20.27	498.5
22.0	497.9
27.0	499.2
22.0	498
20.27	499.0

4.98

DRIVE 214+20

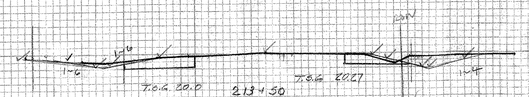


EARTH	
25.0	499.4
27.0	498.7
28.0	498.7
24.0	498.9
25.0	499.4

2.95

EARTH	
20.27	499.7
20.27	498.5
25.0	496.0
24.0	496.0
28.0	498.5
20.27	499.7

8.69

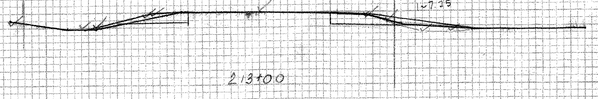


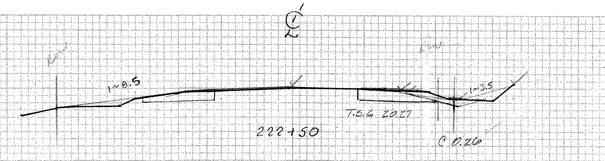
EARTH	
20.0	499.0
20.0	498.7
22.0	498.4
26.0	498.4
35.0	498.5
20.0	499.0
20.0	499.0

5.65

EARTH	
20.27	498.5
20.27	498.8
22.0	498.0
26.0	498.0
28.0	498.0
20.27	498.5

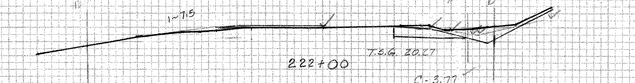
6.96





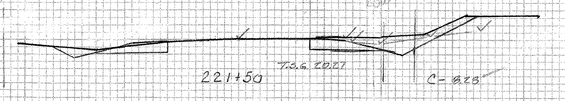
EARTH	
20.27	499.0
20.27	498.7
22.0	498.6
20.27	499.0

0.26



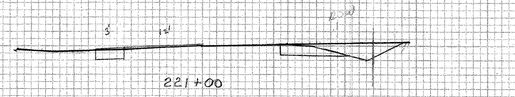
EARTH	
20.27	499.0
20.27	499.0
21.0	499.1
22.0	499.1
27.0	500.5
20.27	499.9

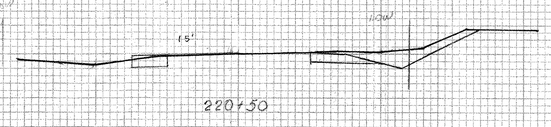
3.77

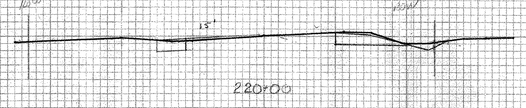


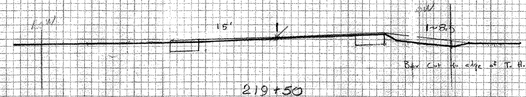
EARTH	
20.27	500.5
20.27	499.7
27.0	500.5
28.0	500.6
33.5	500.2
32.0	500.2
26.0	500.5
20.27	500.5

8.28



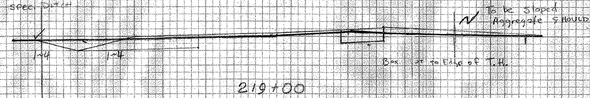


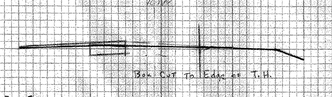




219.28 N&W
End 8' PAVED SHOULDER & SPECIAL DITCH

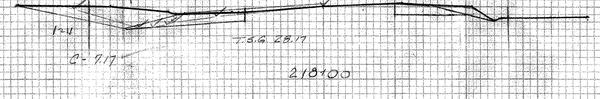
TOWN HIGHWAY
To be shaped using Aggregate SHOULDERS AS DIRECTED BY ENGINEER





EARTH	
28.17	500.0
28.17	499.9
85.16	499.6
28.17	500.0

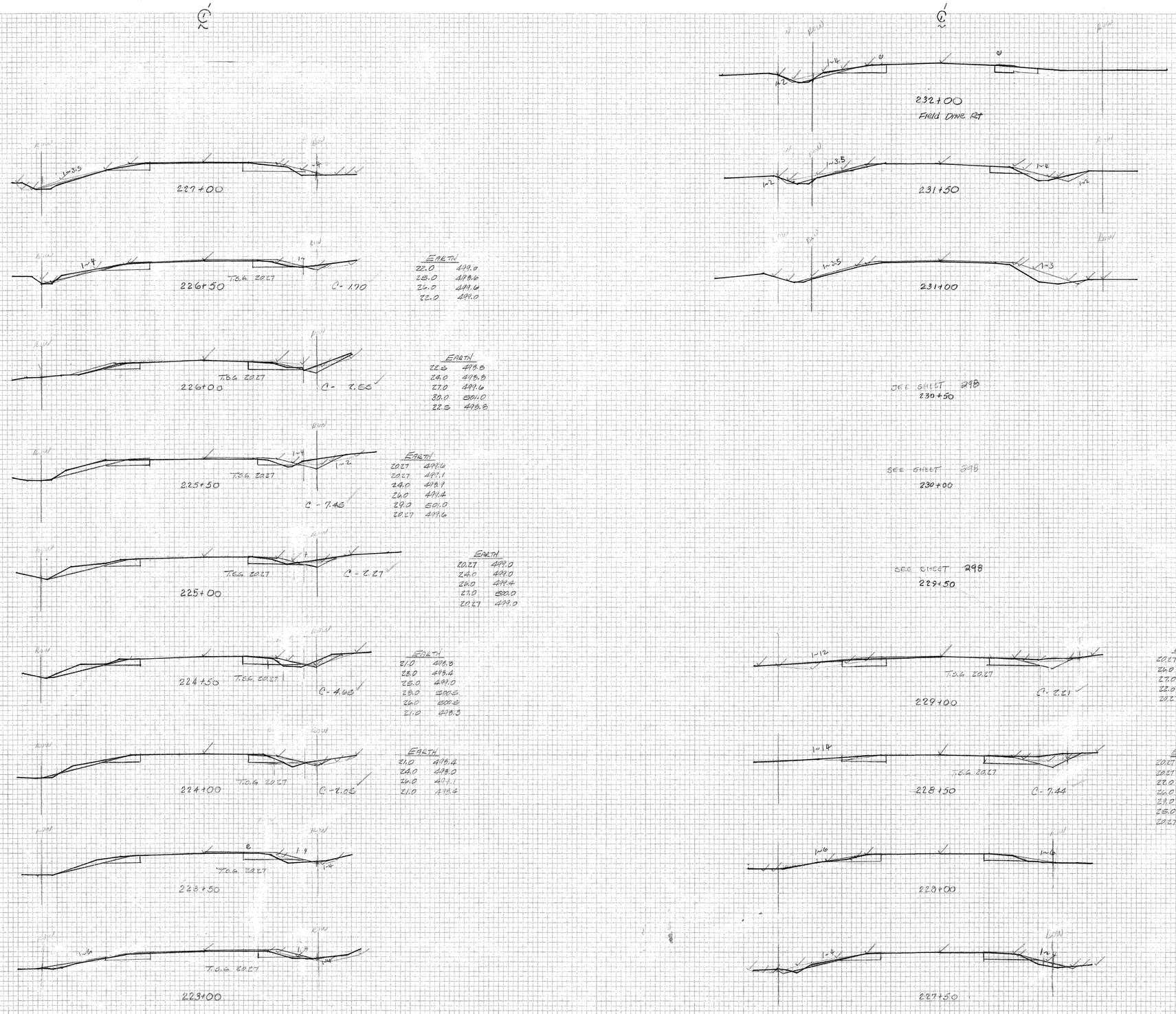
9.17



SHOREHAM - BRIDPORT - ADDISON
F 017-1(12)
213+00 — 222+50
Original Sections

PLATE 3 CROSS SECTION © P. R. & R. E. STANDARD DIETZGEN CORPORATION

cuts ✓ W.S.G. 4-6-67



EARTH	
22.0	499.0
25.0	498.6
26.0	499.6
22.0	499.0

EARTH	
22.5	498.8
24.0	498.8
27.0	499.6
30.0	501.0
22.5	498.8

EARTH	
20.27	499.6
20.27	499.1
24.0	498.9
26.0	499.4
29.0	501.0
20.27	499.6

EARTH	
20.27	499.0
24.0	499.0
26.0	499.4
27.0	500.0
20.27	499.0

EARTH	
21.0	498.3
23.0	498.4
25.0	499.0
28.0	500.5
26.0	500.5
21.0	498.3

EARTH	
21.0	498.4
24.0	498.0
26.0	499.1
21.0	498.4

EARTH	
20.27	499.2
26.0	499.4
27.0	499.8
22.0	499.7
20.27	499.2

EARTH	
20.27	499.8
20.27	498.9
22.0	498.8
26.0	499.3
29.0	500.4
25.0	500.2
20.27	499.8

SHOREHAM-BRIDPORT-ADDISON
F017-1(2)

223+00 - 232+00

Original Sections SH 297-C OF 477

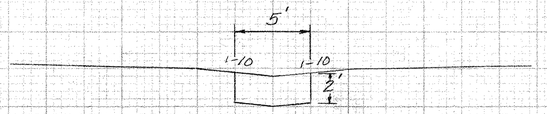
Plotter E. Russell

CUT'S ✓ WJG 4-22-92

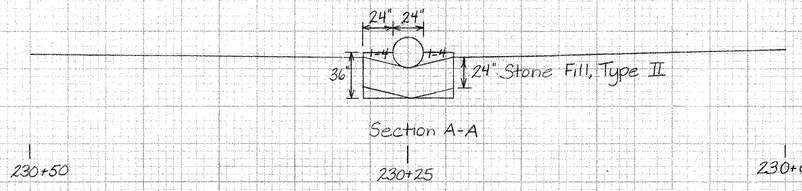
FINAL SURVEY NOTE BOOK No. — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED — BY — DATE

ORIGINAL SURVEY NOTE BOOK No. — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED — BY — DATE

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION



TYPICAL OF STONE FILL, TYPE II
PAD @ OUTLET OF 30" RCP

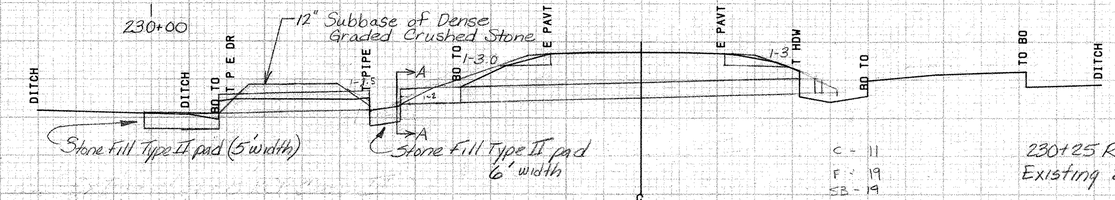


Section A-A

230+50

230+25

230+00



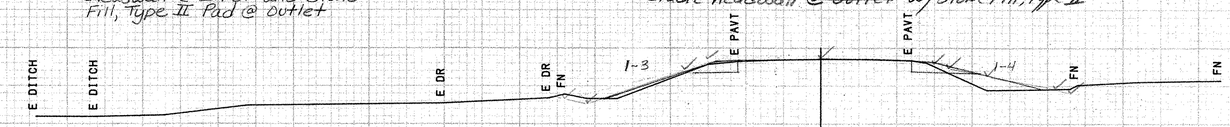
C - 11
F - 19
SB - 19

230+25 Rt
Existing 24" RCP - Retain

230+25

230+25 Lt.
Remove and Relay 30" x 20' RCP Class III, ~~w/New Cradle Headwall~~ @ Inlet and Stone Fill, Type II Pad @ outlet

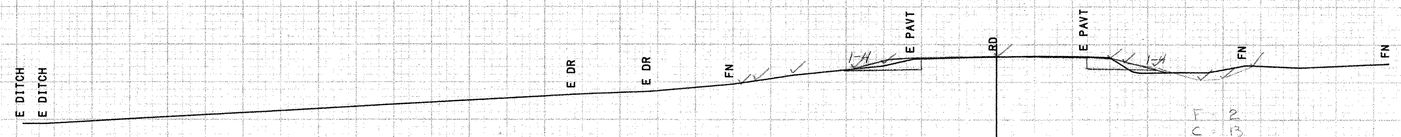
Exist. 24" RCP - Retain Remove & Relay @ outlet
Extend w/ 24" x 8' CSP or PCCSP w/ New
~~Cradle headwall @ Outlet~~ w/ Stone Fill, Type II



C - 10
F - 27
SB - 15

230+00 ~ 230+50 Lt
Removing and Resetting Fence
Temporary Barbed Wire fence (4-strand)
REMOVAL OF EXISTING FENCE

230+00



F - 2
C - 13
SB - 16

229+50

450

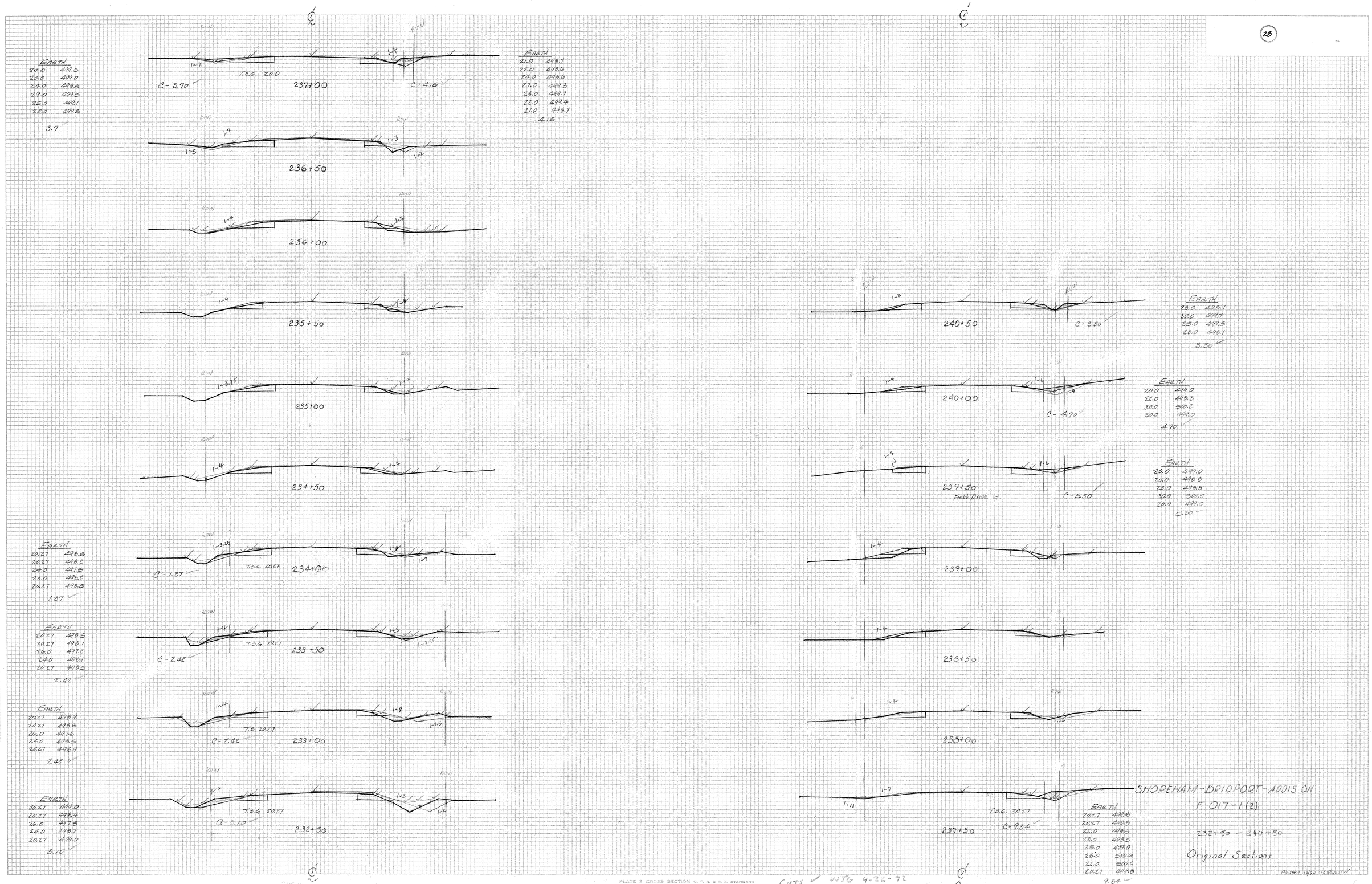
450

450

Bridport MM 1.55 ~ 1.57

FROM STA.	229+50	TO STA.	230+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	05/31/88
SURVEYED BY	MOREAU	05/88	0130
SHEET 298 OF 420 SHEETS		SHEET 298 OF 477	

SCALE 10 FEET



EARTH	
20.0	499.5
20.0	499.0
24.0	498.5
29.0	499.5
25.0	499.1
20.0	499.5

3.7

EARTH	
21.0	498.7
22.0	498.6
24.0	498.6
27.0	499.3
28.0	499.7
22.0	499.4
21.0	498.7

4.15

EARTH	
20.27	498.5
20.27	498.2
24.0	497.5
23.0	498.2
20.27	498.5

1.37

EARTH	
20.27	498.5
20.27	498.1
26.0	497.2
24.0	498.1
20.27	498.5

2.42

EARTH	
20.27	498.9
20.27	498.5
26.0	497.6
24.0	498.5
20.27	498.9

2.42

EARTH	
20.27	499.0
20.27	498.4
26.0	497.8
24.0	498.7
20.27	499.0

3.10

EARTH	
20.27	499.8
20.27	498.8
22.0	498.5
23.0	498.5
25.0	499.0
28.0	500.6
22.0	500.2
20.27	499.8

9.34

EARTH	
23.0	498.1
30.0	499.7
25.0	499.5
28.0	498.1

3.30

EARTH	
20.0	499.0
22.0	498.3
30.0	500.2
20.0	499.0

4.70

EARTH	
20.0	499.0
20.0	498.8
23.0	498.3
30.0	500.0
20.0	499.0

5.30

SHOREHAM-BRIDPORT-ADDIS ON
F 017-1(2)

232+50 - 240+50

Original Sections

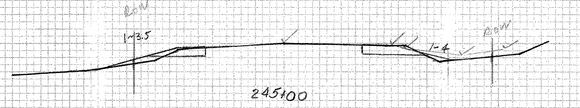
FINAL SURVEY NOTE BOOK No. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY NOTE BOOK No. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

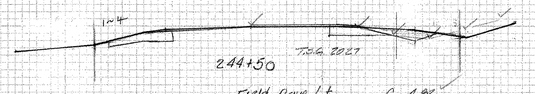
PLATE 3 CROSS SECTION G. P. R. & N. E. STANDARD
DIETZGEN CORPORATION

CUTS ✓ WJG 4-22-92

Plotted 11/50 R.R.



245+00

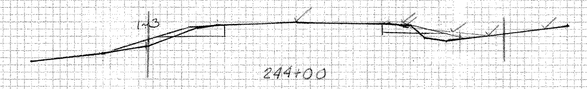


244+50

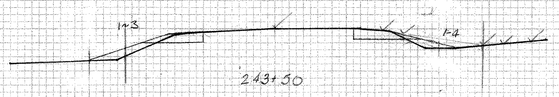
Field Drive Lt C- 4.82

EARTH	
20.27	419.6
20.27	419.7
24.0	419.3
26.0	419.0
22.0	419.3
20.27	419.6

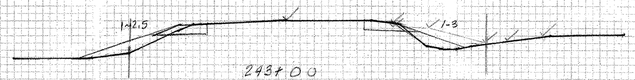
4.82



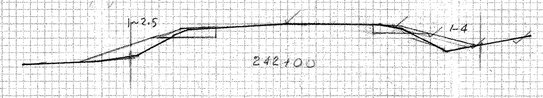
244+00



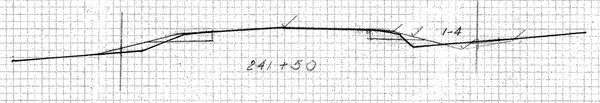
243+50



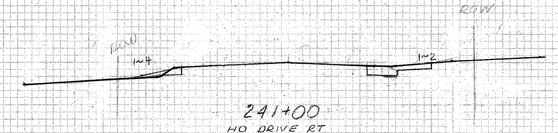
243+00



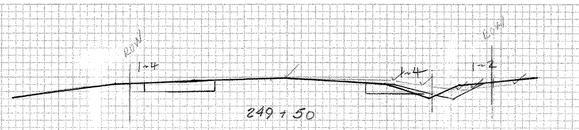
242+00



241+50



241+00
HO DRIVE RT

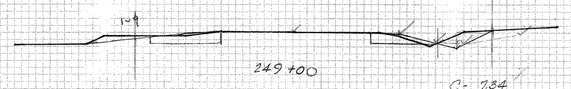


249+50

C- 2.25

EARTH	
28.0	498.5
24.0	499.2
26.0	498.6
27.5	499.3
24.0	499.0
25.0	498.5

2.25

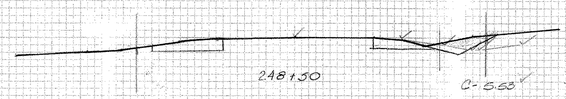


249+00

C- 7.84

EARTH	
20.27	498.6
24.0	499.2
28.0	501.3
24.0	501.1
20.27	498.6

7.84

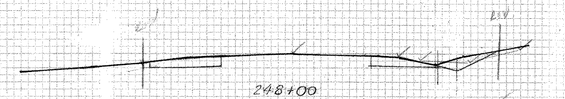


248+50

C- 5.53

EARTH	
20.27	499.1
24.0	498.5
28.0	501.4
25.0	501.1
20.27	499.1

5.53

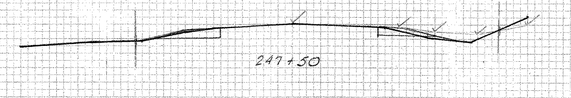


248+00

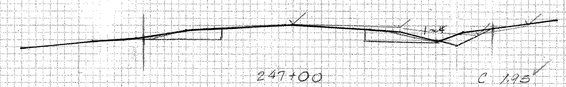
C- 5.16

EARTH	
22.0	499.0
25.0	499.7
28.0	499.5
20.0	501.5
24.0	499.7
22.0	499.0

5.16



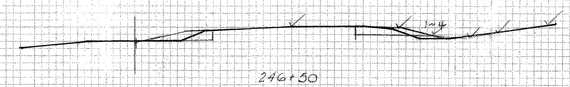
247+50



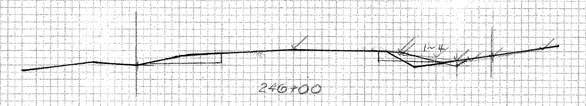
247+00

C 1.25

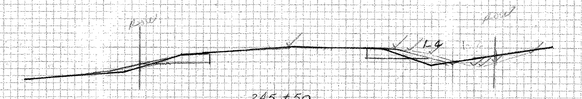
EARTH	
28.0	499.0
24.0	498.8
28.0	499.7
24.0	499.3
28.0	499.0



246+50



246+00

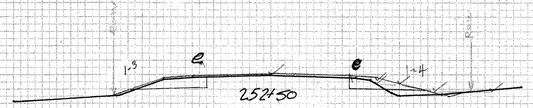


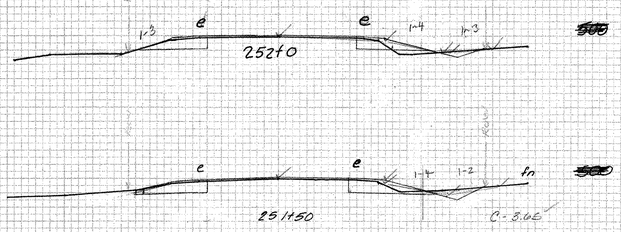
245+50

SHOREHAM-BRIDPORT-ADDIS ON
F 017-1(2)
Original Sections
241+00 - 249+50

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

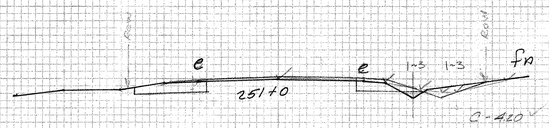
CATS ✓ WJG 4-22-96





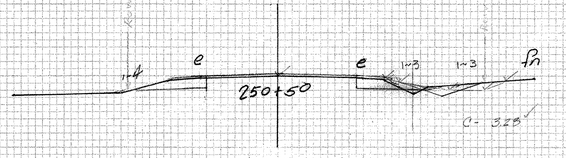
EARTH	
21.0	498.4
24.0	497.7
27.5	498.5
29.0	498.9
21.0	498.4

3.65



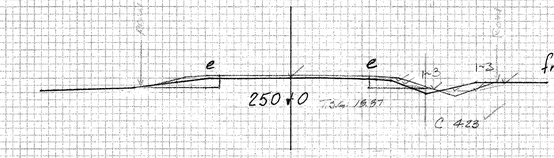
EARTH	
21.0	498.5
23.0	498.1
25.0	498.1
29.0	499.0
21.0	499.5

4.2



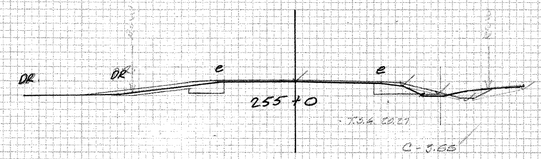
EARTH	
21.0	498.6
24.0	498.1
25.5	498.0
29.0	499.0
21.0	498.5

3.28



EARTH	
21.0	498.2
23.0	498.2
26.0	498.2
28.5	498.5
22.0	498.5
21.0	498.2

4.23

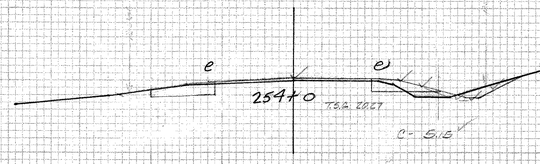


EARTH
21.5 496.0
23.0 497.7
25.0 497.7
28.0 498.0
24.0 498.7
21.5 496.0

3.65

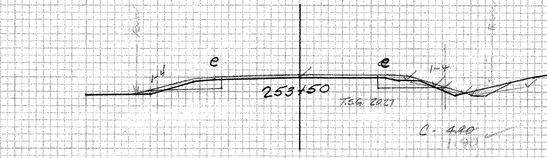


EARTH	
22.0	498.0
24.0	497.3
26.0	497.5
30.0	497.6
28.0	498.0
28.0	498.9
22.0	498.0



EARTH	
23.0	498.0
24.0	497.8
26.0	497.5
32.0	500.7
23.0	498.0

5.15

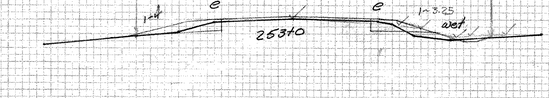


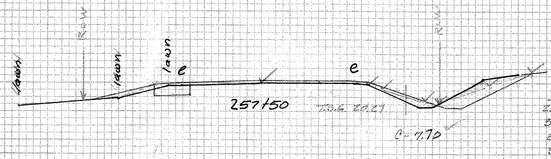
EARTH	
23	497.6
24	497.5
24	497.5
27	498.0
30	498.5
23	497.6

4.40

1-498

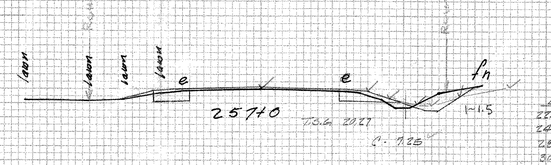
CONSTRUCT SPECIAL DITCH
STA. 253+00 ± RT
(COMMON EXCL.)





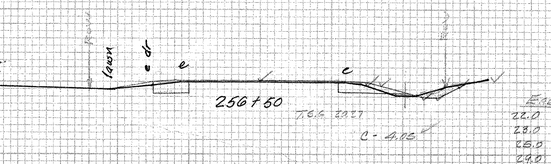
EARTH	
25.0	497.3
32.0	498.7
66.0	50.0
51.0	500.6
25.0	497.3

7.70



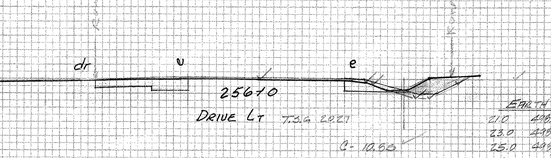
EARTH	
22.0	497.8
24.0	497.8
28.0	498.9
30.0	500.8
25.0	497.5
22.0	497.8

7.25



EARTH	
22.0	498.1
28.0	498.0
25.0	498.0
24.0	500.0
22.2	498.4
22.0	498.1

4.05



EARTH	
21.0	498.5
23.0	498.0
25.0	498.7
29.5	500.5
24.0	500.2
21.0	498.5

10.85

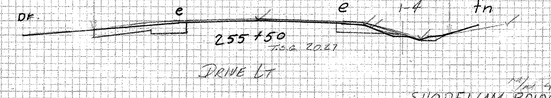


PLATE 3 CROSS SECTION U. P. B. & A. I. STANDARD
DESIGN CORPORATION

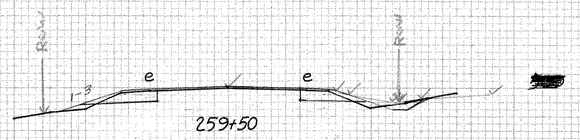
CUTS 4,5,6 4-22-92

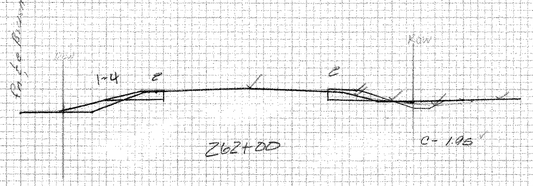
SHOREHAM-BRIDPORT-ADDIS ON
F 017-1(2)
ORIGINAL SURFACE
250+00 - 257+00

SHEET 218-C OF 477

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS CHECKED
BY
DATE 12-28-92

Kaufman & Essex Company PLATE 3 CROSS SECTION PLOTS Made in U.S.A.

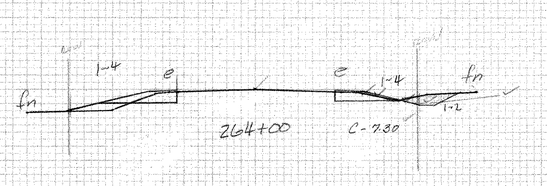




EARTH

20.0	498.5
26.0	497.9
27.5	498.4
20.0	498.5

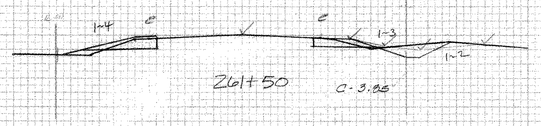
1.95



EARTH

20.0	498.5
21.0	498.1
24.0	498.1
26.0	498.1
28.5	497.7
29.0	497.3
20.0	498.5

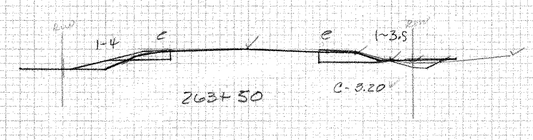
7.30



EARTH

20.0	498.5
25.0	499.0
27.5	498.2
29.0	497.0
21.0	498.5

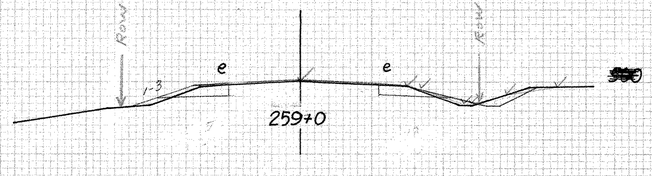
3.85

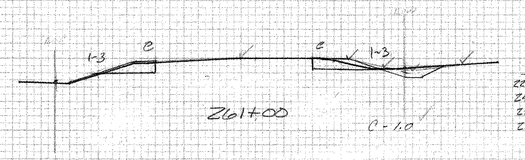


EARTH

20.0	498.4
25.0	499.0
27.0	498.1
28.0	497.7
20.0	498.4

3.20

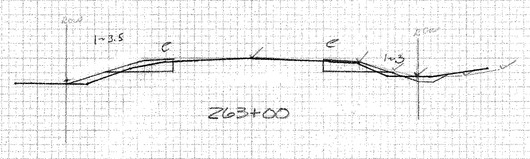


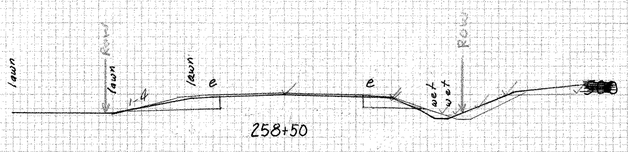


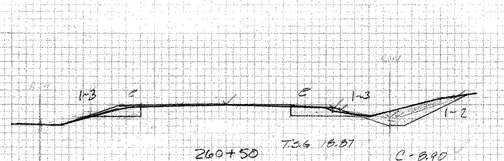
EARTH

22.0	498.4
24.0	498.4
28.0	499.0
22.0	498.6

1.0



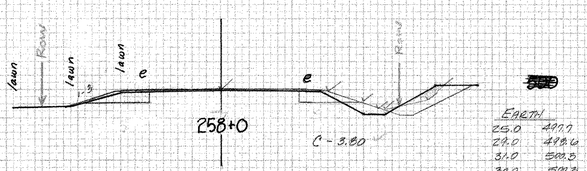




EARTH

20.5	498.5
23.0	498.4
24.0	498.4
34.0	501.4
30.0	501.0
20.5	498.5

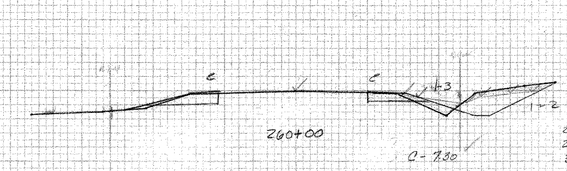
8.90



EARTH

25.0	497.7
29.0	498.4
31.0	500.5
30.0	500.3
25.0	497.7

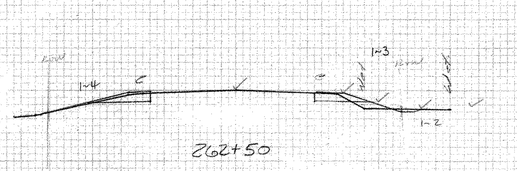
3.8



EARTH

22.0	498.4
26.0	497.1
30.0	498.8
33.0	498.5
34.0	500.0
32.0	501.0
25.0	497.7
24.0	498.4

7.30



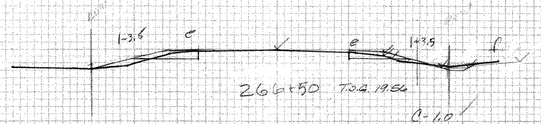
Cut: ✓ on JT's 4-22-92

E

Typ. 1.90 - 2.51

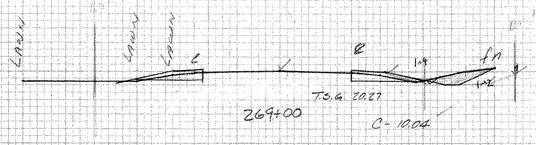
SHOREHAM-BRIDPORT-ADDN. ON
F 017-1(2)
Original Section 258+00 - 264+00

Sheet 298-D of 477



EARTH	
23.0	497.5
27.0	497.5
25.0	498.0
23.0	497.5

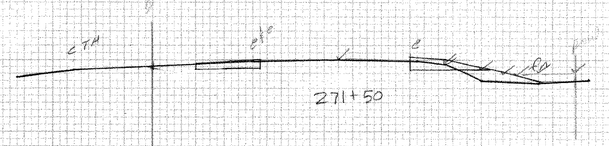
1.0

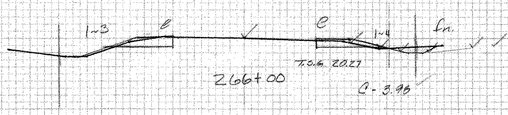


EARTH	
20.27	498.8
23.0	496.0
25.0	495.0
30.0	500.5
25.0	499.9
20.27	498.8

10.04

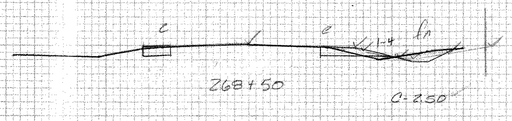
268+65 ℄
Rem. Dive Culvert
- EQUATION -





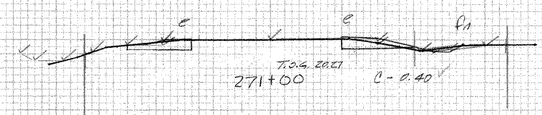
EARTH	
20.27	498.7
22.0	498.1
23.0	498.0
26.0	498.0
27.0	497.0
20.27	498.7

3.98



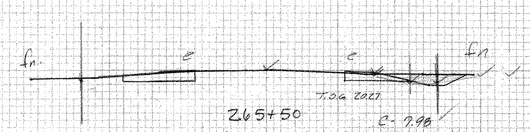
EARTH	
21.0	498.1
23.0	498.1
28.0	498.9
29.0	499.5
21.0	498.1

2.50



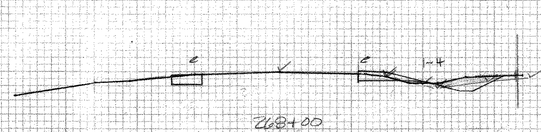
EARTH	
22.0	498.2
25.0	498.6
24.0	498.4
27.0	499.0
22.0	498.2

0.40



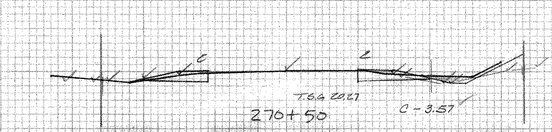
EARTH	
20.27	499.0
20.27	498.5
24.0	498.2
26.0	499.5
28.0	499.5
20.27	499.0

7.98



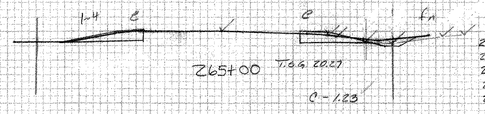
EARTH	
22.0	498.5
23.0	497.9
29.0	498.7
30.0	498.8
31.5	499.5
26.0	499.5
22.0	498.5

6.53



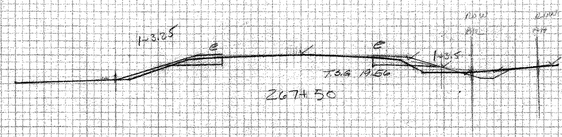
EARTH	
20.27	499.3
20.27	499.0
25.0	498.3
25.0	498.3
26.0	499.0
20.27	499.3

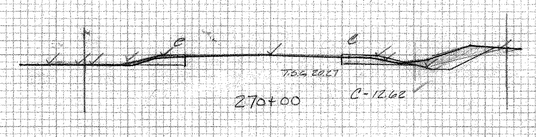
3.57



EARTH	
20.27	499.0
20.27	498.3
24.0	498.4
26.0	498.6
27.5	499.2
22.0	498.2
20.27	499.0

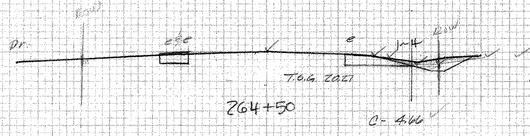
1.23





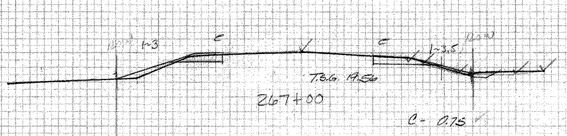
EARTH	
20.27	499.2
20.27	498.7
22.0	498.3
29.5	500.0
31.0	501.0
28.0	501.4
22.0	499.3
20.27	499.2

12.62



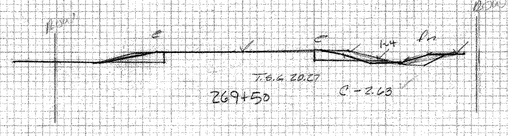
EARTH	
20.27	498.8
20.27	498.4
21.0	498.3
26.0	498.4
28.0	498.9
23.0	499.4
25.0	499.5
21.0	498.4
20.27	498.8

4.66



EARTH	
29.0	497.0
26.5	497.0
27.5	497.3
25.0	497.3
24.0	497.0

0.75

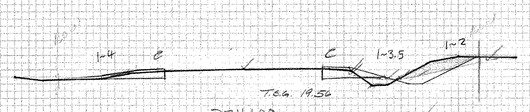


EARTH	
22.0	498.8
27.5	499.5
28.0	499.6
26.0	499.6
22.0	498.8

2.63

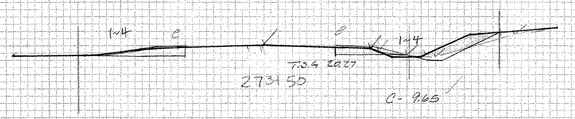
M/H 1.90 & 2.51
SHOREHAM BRIDGEPORT-ADDISON
F017-1(4) 264+50 - 271+50
Original Section
R10 by Gidney 11/5
12-18-92

SHEET 298-E OF 477



EARTH	
22.0	498.9
29.5	500.2
32.5	501.9
30.0	501.9
24.0	499.1
22.0	498.8

8.15

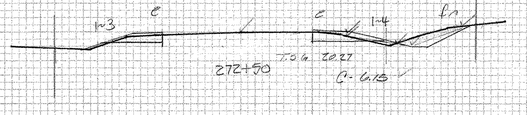


EARTH	
22.0	498.8
24.0	498.6
29.0	500.0
32.0	502.0
29.0	501.7
22.0	498.8

9.65

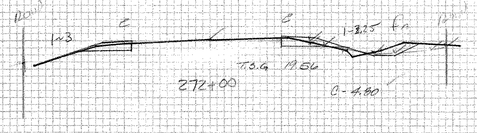
EARTH	
21.0	499.0
23.0	498.4
25.0	498.4
32.0	502.0
28.0	502.0
21.0	499.0

15.90



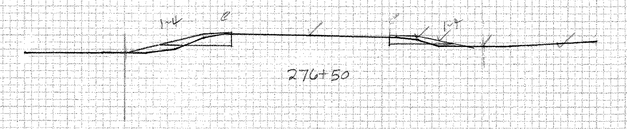
EARTH	
22.0	498.3
24.0	498.3
28.0	500.9
29.0	500.9
22.0	498.8

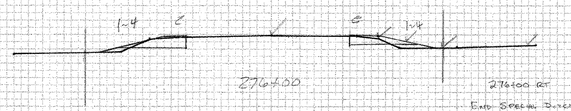
6.15



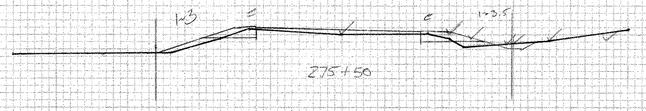
EARTH	
23.0	498.3
24.0	498.3
27.0	498.4
29.2	499.7
27.0	499.9
23.0	498.3

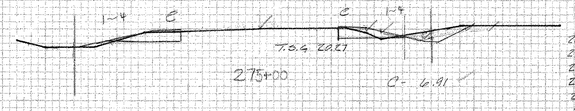
4.80





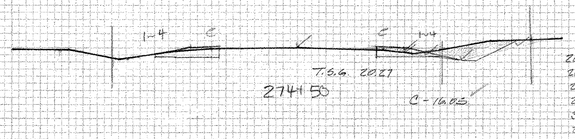
276+00 RT
EXIST. SPECIAL DITCH
(COMMON EXCAV.)





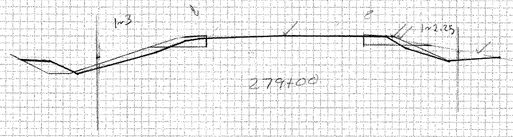
EARTH	
20.27	499.0
23.0	498.5
28.0	499.6
29.5	500.5
28.0	500.5
20.27	499.0

6.91

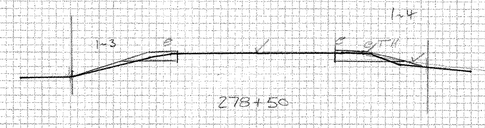


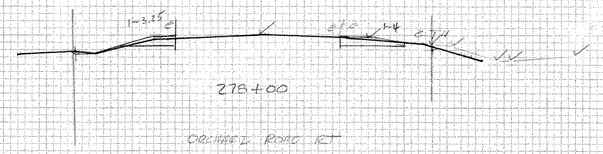
EARTH	
20.27	499.9
20.27	499.8
28.0	498.4
27.0	499.0
31.0	501.0
32.0	501.0
20.27	499.9

16.05

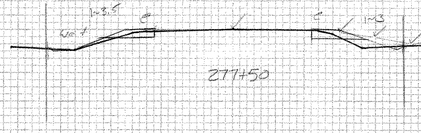


279+25 ~ 280+25 LT
CONSTRUCT SPECIAL DITCH
(COMMON EXCAV.)

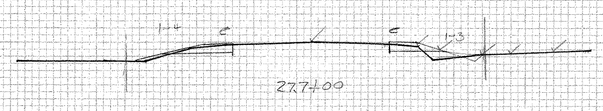




ORCHARD ROAD RT



277+25 ~ 278+25
DITCH CLEANING TO R.O.W.
(TO BE PAID TRUCK & EXCAV. RENTAL)



SHOREHAM-BRIDPORT-ADDISON 7/24 190 2.81
F 317 (2)

272+00 – 279+00

PLATE 3 CROSS SECTION P. P. & L. E. STANDARD
DATTSON CORPORATION

Cats / NJG 4-22-92

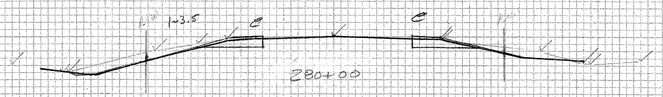
SHEET 298-F OF 477

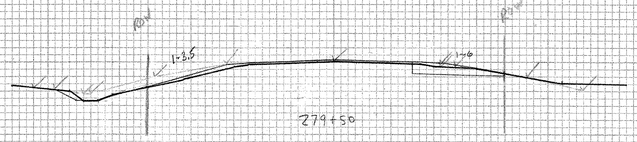
FINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

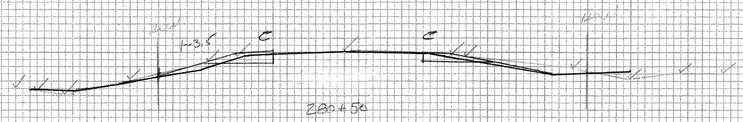
ORIGINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE
12-16-92

FINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

280+25 LT
End Special Ditch
(Common excav.)





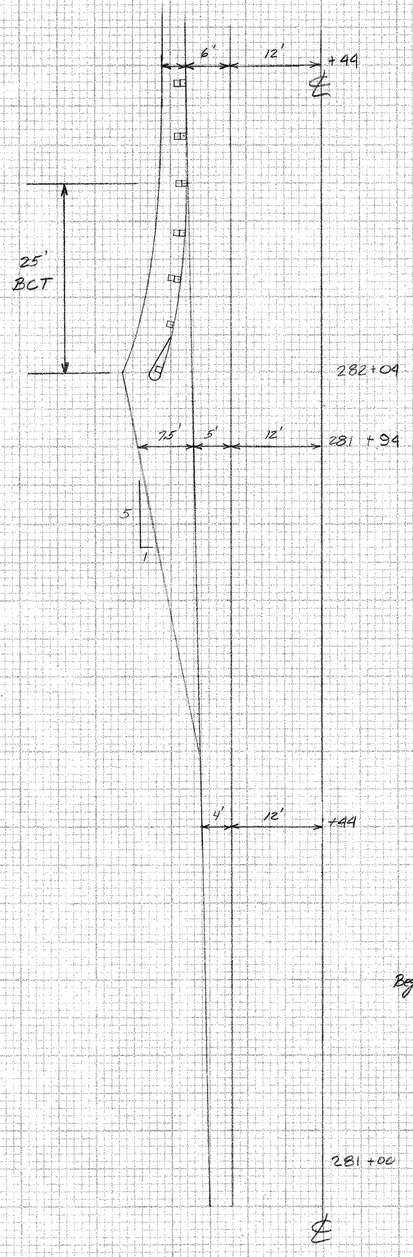


ORIGINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

SHOREHAM - BRIDPORT - ADDISON
F 317-1(7)
ORIGINAL SECTIONS

279+50 - 280+50

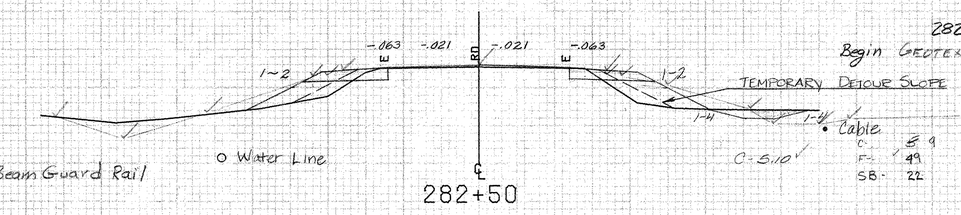
Marked by W.J. Gidsey



282+29 LT.
Begin Steel Beam Guard Rail

282+04 ~ 282+29 LT
Breakaway Cable Terminal

282+00 LT.
Begin Temporary Traffic Barrier



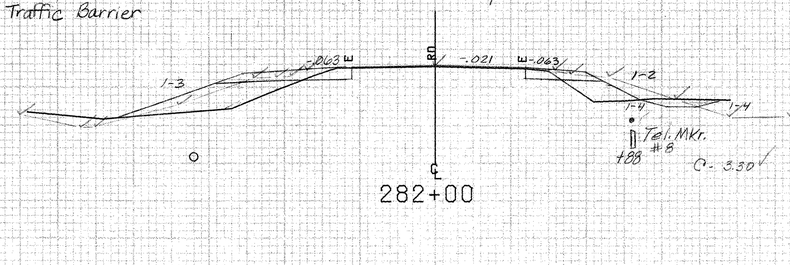
282+50 Rt
Begin GEOTEXTILE FABRIC for Silt fence

500

EARTH	
36.0	497.2
38.0	496.0
39.0	496.0
44.0	497.0
36.0	497.2

C: 9
F: 49
SB: 22

STA. 282+10
BEGIN TEMPORARY DETOUR

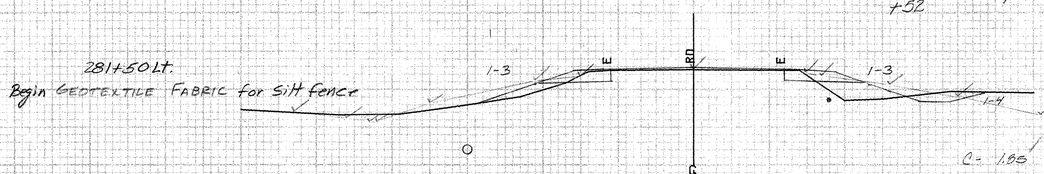


282+00 Rt
Begin Temporary Traffic Barrier

500

EARTH	
32.0	498.7
35.0	497.4
38.0	496.3
32.0	498.7

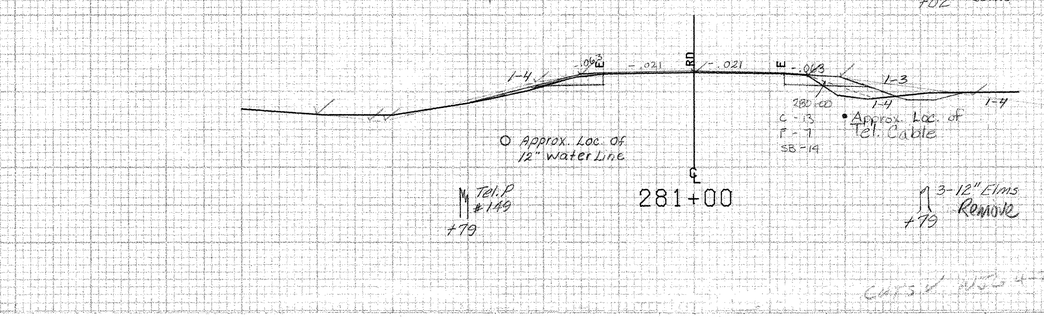
C: 12
F: 50 69
SB = 26



EARTH	
32.0	498.8
35.0	497.2
38.0	497.7
36.0	497.7
32.0	498.8

C: 12
F: 29
SB = 18

500

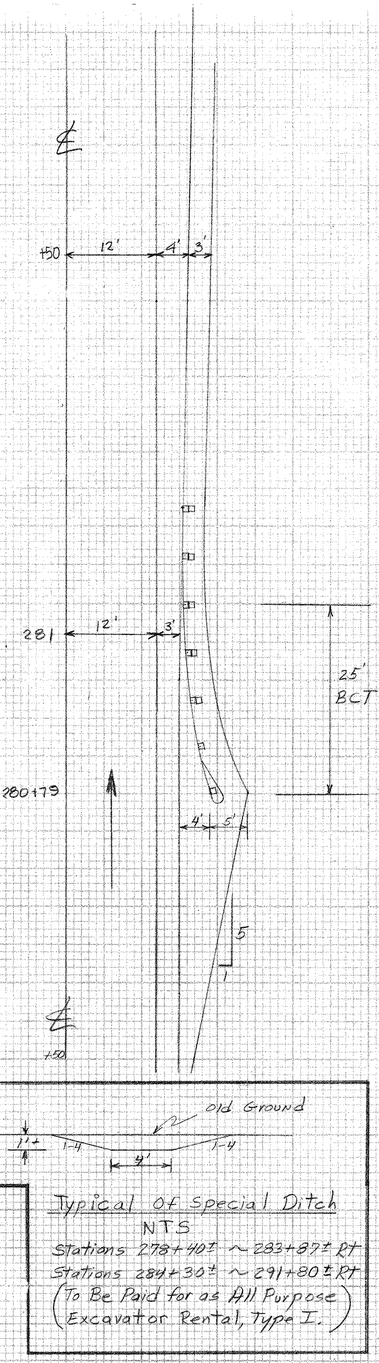


500

C: 13
F-4 13
SB- 18

280+79 ~ 281+04 Rt
Breakaway Cable Terminal

281+04 Rt
Begin Steel Beam Guard Rail

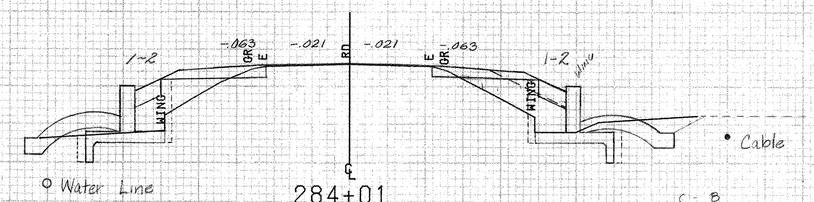


Typical of Special Ditch
NTS
Stations 278+40± ~ 283+87± RT
Stations 284+30± ~ 291+80± RT
(To Be Paid for as All Purpose Excavator Rental, Type I.)

BRIDPORT MM 2.53 ~ MM 2.64

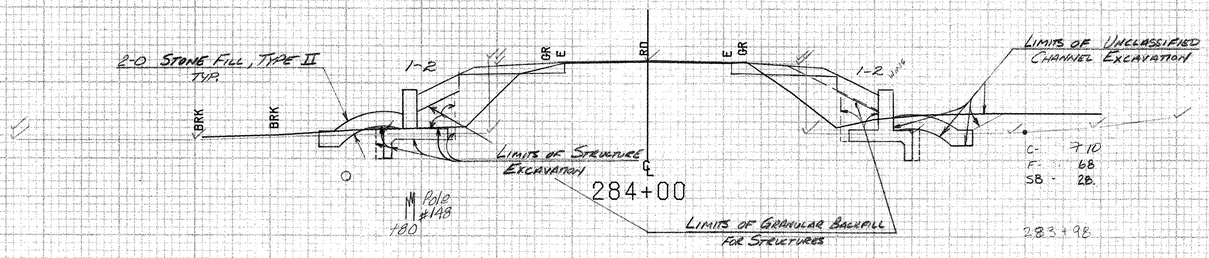
FROM STA.	281+00	TO STA.	282+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	02/10/84
SURVEYED BY	FANTONI	JAN 1984	
SHEET 297 OF 420 SHEETS		SHEET 299 OF 477	

SCALE 10 FEET



500

C - 8
F - 39
SB - 28



500

C - 7 10
F - 68
SB - 28

283+98

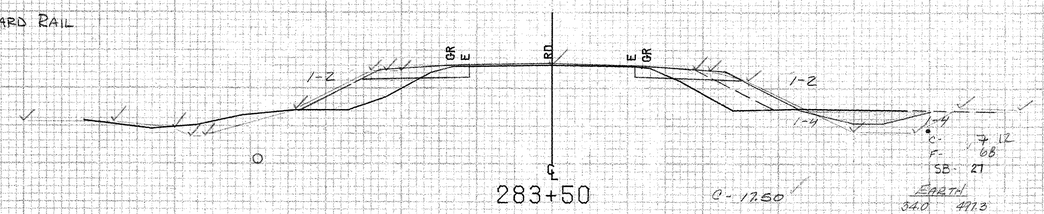
C - 10
F - 87
SB - 28

283+79 ~ 284+04 RT
HEAVY DUTY STEEL BEAM GUARD RAIL

283+79 LT
END STEEL BEAM GUARD RAIL

283+79 ~ 284+04 RT
HEAVY DUTY STEEL BEAM GUARD RAIL

283+79 RT
END STEEL BEAM GUARD RAIL



500

C - 7 12
F - 68
SB - 27

283+50

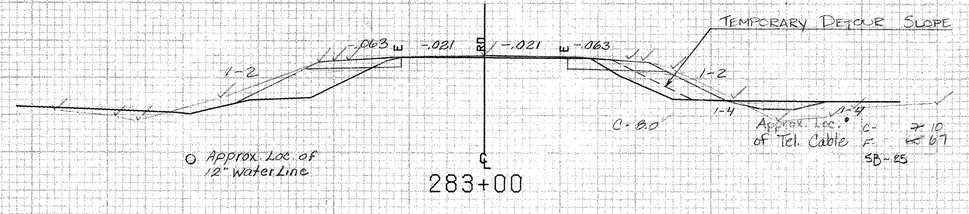
C - 17.50

EARTH	
34.0	497.3
40.0	495.4
44.0	495.4
50.0	497.0
34.0	497.3

17.50

283+04 Rt.
Begin Removal and Disposal of Guard Rail

283+04 Lt.
Begin Removal and Disposal of Guard Rail



C - 8.0

C - 7 10
F - 67
SB - 25

EARTH	
33.0	497.0
37.0	496.0
41.0	496.0
45.0	497.0
33.0	497.0

8.0

500

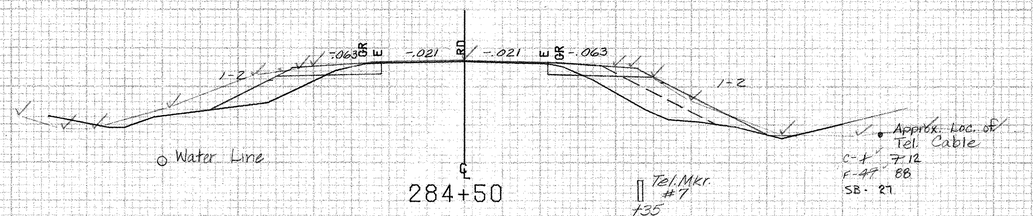
490

BRIDPORT MM 2.53 ~ MM 2.64

FROM STA. 283+00	TO STA. 284+01	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON	
NO.	F017-1(2)	PLOTTED 02/10/84
SURVEYED BY	FANTONI	JAN 1984
SHEET 300 OF 420 SHEETS		SHEET 300 OF 477

SCALE 10 FEET

CHT'S ✓ WJG 4-22-92

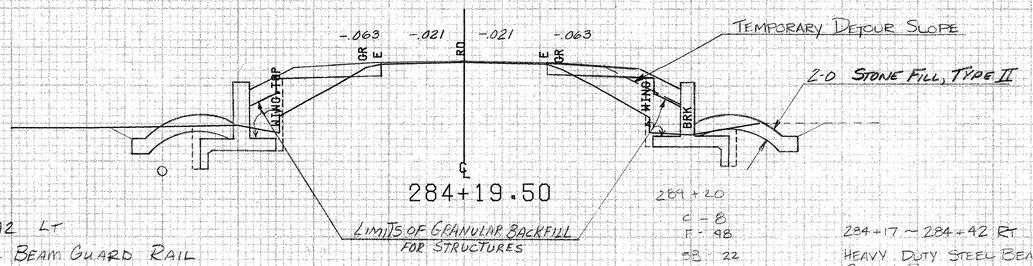


284+42 LT
BEGIN STEEL BEAM GUARD RAIL

Approx. Loc. of Tel. Cable
C-f 7.12
F-47 88
SB- 27

284+42 RT
BEGIN STEEL BEAM GUARD RAIL

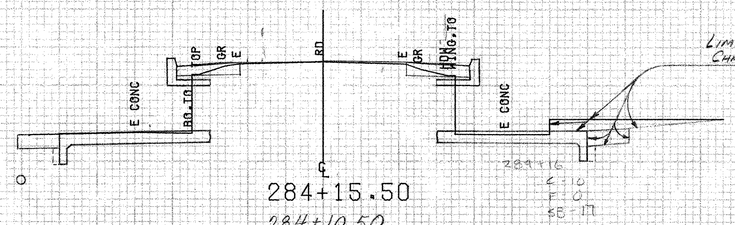
284+23
C- 8
F-90
SB- 22



284+17 ~ 284+42 LT
HEAVY DUTY STEEL BEAM GUARD RAIL

284+20
C- 8
F- 98
SB- 22

284+17 ~ 284+42 RT
HEAVY DUTY STEEL BEAM GUARD RAIL

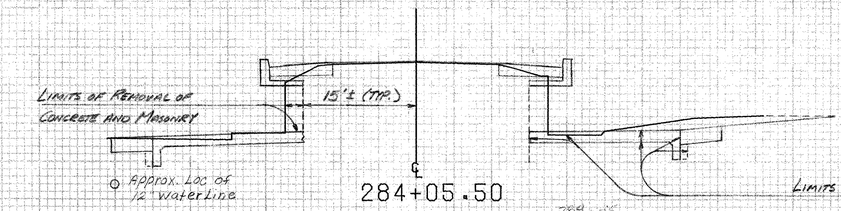


284+16
C-10
F- 0
SB- 17

284+10.50
10'x6' R.C. BOX BR #18
Retain Existing RC Box Remove Wingwalls 5'
Extend to 41.33' Fascia to Fascia & Replace Wingwalls
(See BR 200)

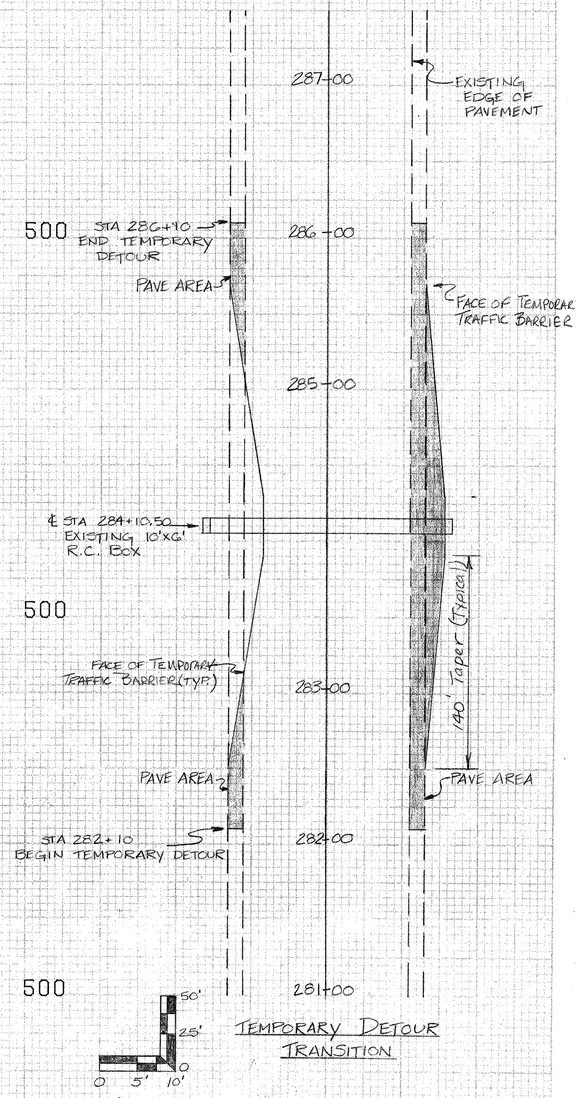
284+04.25 ~ 284+16.75 LT
BRIDGE RAILING - HD3B / FASCIA MOUNTED

284+04.25 ~ 284+16.75 RT
BRIDGE RAILING - HD3B / FASCIA MOUNTED



284+05
C-11
F- 0
SB- 17

FOR TEMPORARY DETOUR, SEE BR 200' SERIES



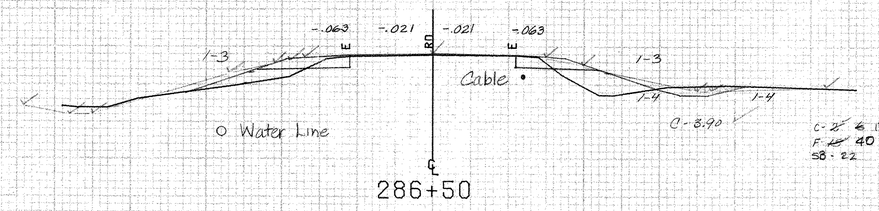
TEMPORARY DETOUR TRANSITION

BRIDPORT MM 2.53 ~ MM 2.64
SCALE 10 FEET

FROM STA. 284+05.50	TO STA. 284+50		
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	02/10/84
SURVEYED BY	FANTONI	JAN 1984	
SHEET 301 OF 420 SHEETS		SHEET 301 OF 477	

286+92 ~ 287+17 LT
Breakaway Cable Terminal

286+92 LT
End Steel Beam Guard Rail



EARTH

33.0	499.9
35.0	499.4
37.0	499.4
39.0	499.1
41.0	500.0
33.0	499.9

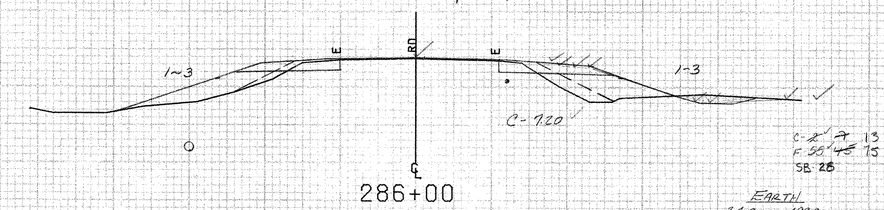
3.90

500

286+00 Rt.
End Temporary Traffic Barrier

STA 286+10
END TEMPORARY DETOUR

286+00 Lt.
End Temporary Traffic Barrier



EARTH

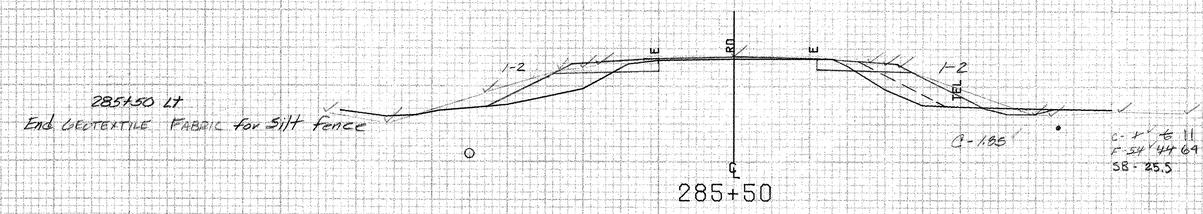
34.0	499.0
37.0	498.0
42.0	498.0
45.0	498.8
34.0	499.0

7.20

285+92 ~ 286+17 Rt
Breakaway Cable Terminal

500

285+92 Rt
End Steel Beam Guard Rail



285+50 Lt
End Geotextile Fabric for Silt Fence

EARTH

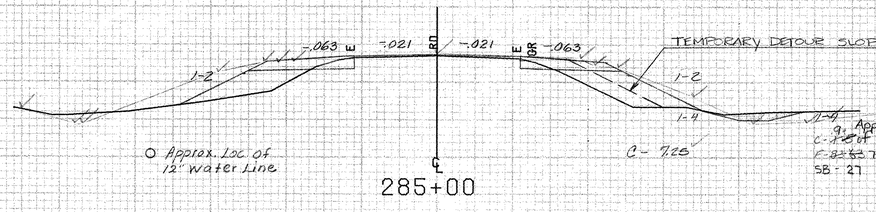
37.0	497.1
40.0	496.3
42.0	497.0
37.0	497.1

1.85

500

285+07 Lt.
End Removal and Disposal
of Guard Rail

285+07 Rt.
End Removal and Disposal
of Guard Rail

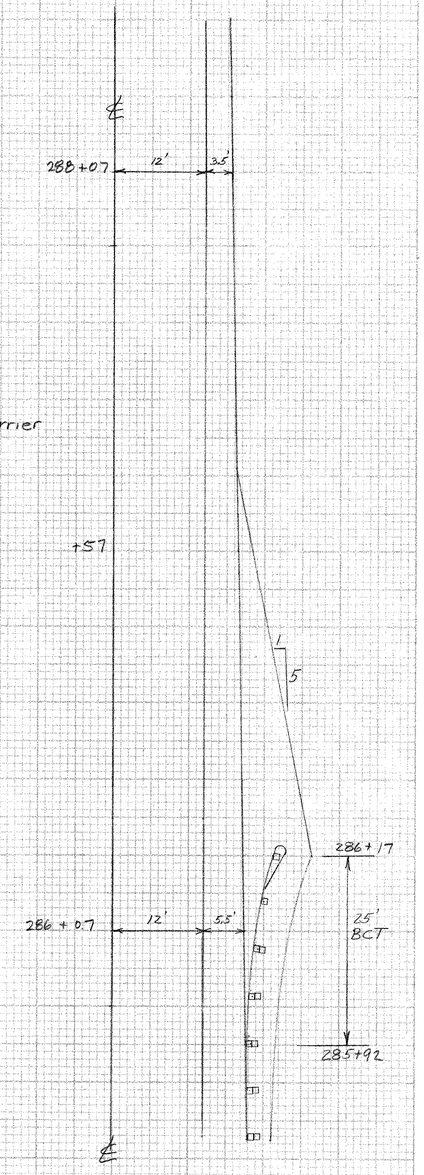


EARTH

39.0	496.0
40.0	495.0
44.0	495.0
49.0	496.1
39.0	496.0

7.25

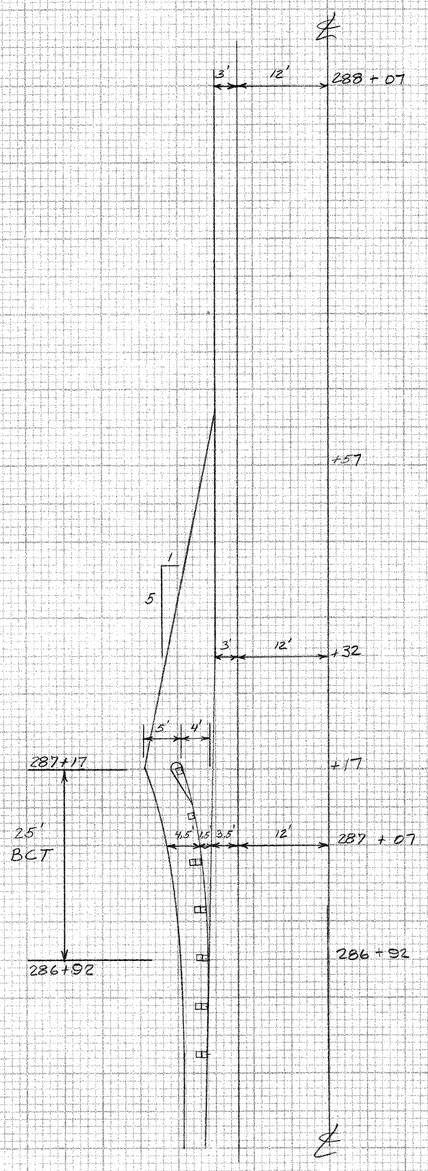
500

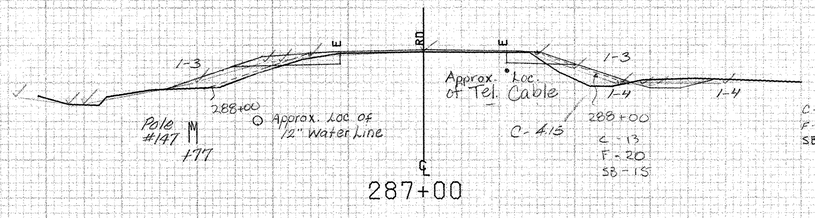


BRIDPORT MM 2.53 ~ MM 2.64

FROM STA. 285+00		TO STA. 286+50	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	02/10/84
SURVEYED BY	FANTONI	JAN 1984	
SHEET 302 OF 420 SHEETS		SHEET 302 OF 477	

SCALE 10 FEET





EARTH	
27.5	500.1
29.0	499.8
31.0	499.9
36.0	499.8
38.5	500.8
29.0	500.3
27.5	500.1

4.15

C-2 @ 13
F-9 @ 12 36
SB-15

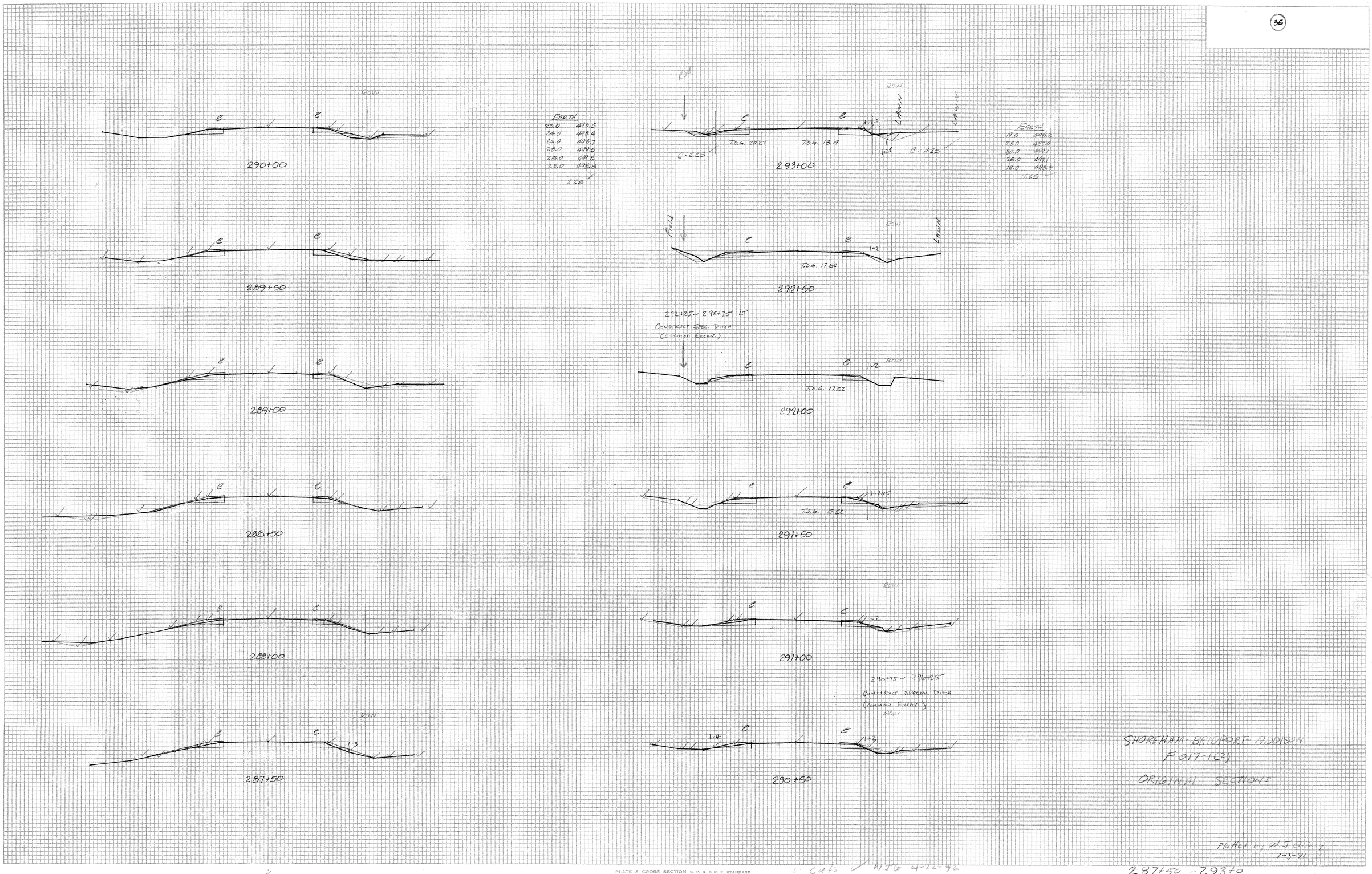
500
287+00 RT
END GEOTEXTILE FABRIC for silt fence

BRIDPORT MM 2.53 ~ MM 2.64

FROM STA.	287+00	TO STA.	287+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	02/10/84
SURVEYED BY	FANTONI	JAN 1984	
SHEET 303 OF 420 SHEETS		SHEET 303 OF 477	

SCALE 10 FEET

NJ 4-12-84



SHOREHAM-BRIDPORT-ADDISON
F 017-1(2)
ORIGINAL SECTIONS

Plotted by W.J. Gilbey
1-3-91

287+50 - 293+0

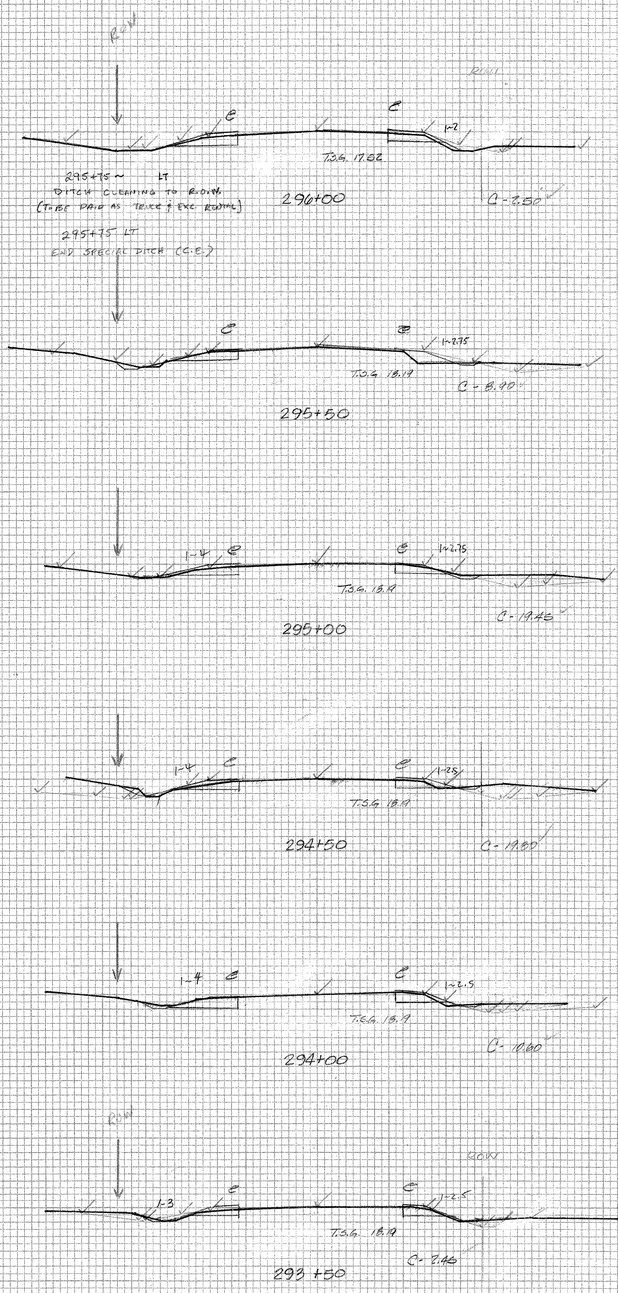
Sheet 303A of 477

FINAL SURVEY NOTE BOOK No. — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED — BY — DATE

ORIGINAL SURVEY NOTE BOOK No. — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED — BY — DATE

PLATE 3 CROSS SECTION G. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

L. Cuts ✓ NJG 4-22-92



EARTH
23.0 497.8
26.0 497.2
27.0 497.2
28.0 498.0
25.0 498.0
23.0 497.8
2.50

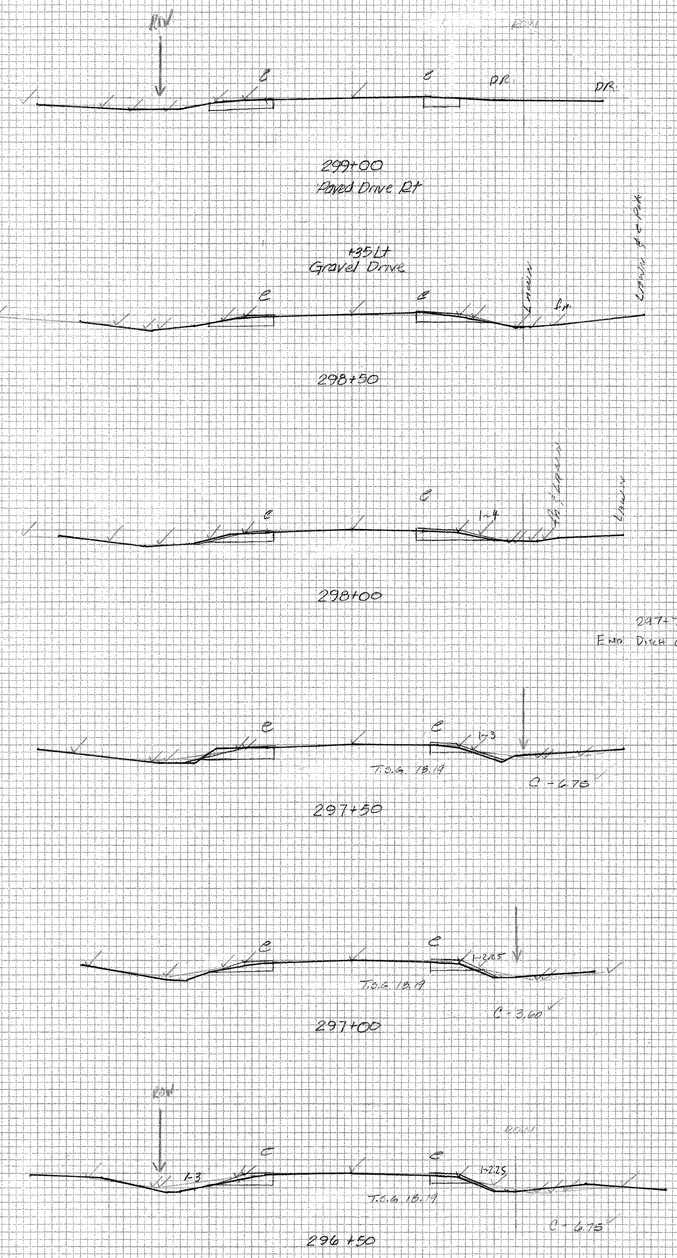
EARTH
22.0 498.1
28.0 496.8
38.0 497.6
22.0 498.1
8.90

EARTH
20.0 498.6
28.0 496.8
32.0 497.2
40.0 497.6
33.0 498.6
20.0 498.5
19.45

EARTH
20.0 498.8
26.0 497.2
27.0 497.2
31.0 497.6
39.0 498.1
26.0 499.3
20.0 498.8
19.80

EARTH
20.0 498.5
24.0 497.6
26.0 497.6
28.0 497.7
35.0 498.9
23.0 498.9
20.0 498.5
10.60

EARTH
21.0 498.0
23.0 497.3
25.0 497.3
26.0 498.0
21.0 498.0
2.45



EARTH
23.0 498.5
26.0 498.0
27.0 498.0
27.0 498.1
32.0 498.5
38.0 499.5
23.0 498.5
6.75

EARTH
23.0 497.8
26.0 497.4
27.0 497.4
36.0 498.2
23.0 497.8
3.60

EARTH
24.0 497.6
26.0 497.3
28.0 497.3
30.0 497.6
38.0 498.1
33.0 498.5
24.0 497.6
6.75

296+25 RT
END SPECIAL DITCH
BEGIN DITCH CLEANING TO R.O.W.
(TO BE PAID EXC. & TRUCK RENTAL)

SHOREHAM - BRIDPORT - ADDISON

F017-1 (2)

ORIGINAL SECTIONS

Plotted by W.J. Gravey
1-3-91

FINAL SURVEY NOTE BOOK No. — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED — BY — DATE

ORIGINAL SURVEY NOTE BOOK No. — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED — BY — DATE

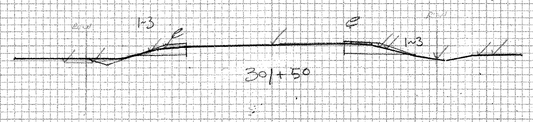
PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

Cut ✓ WJG 4-22-92

293+50 to 299+0

Sheet 303-8 of 477

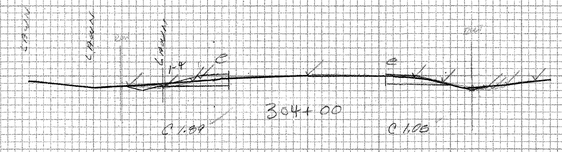
EQUATION:
304+22 =
156+00



500

EARTH	
20.27	499.2
20.27	498.4
25.0	498.6
20.27	499.2

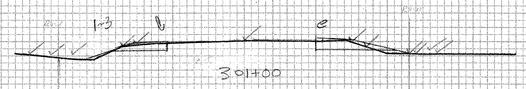
1.89



500

EARTH	
23.0	498.3
25.0	498.2
26.0	498.2
28.0	498.8
23.0	498.3

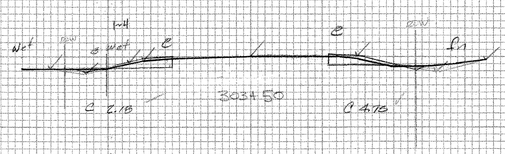
1.05



500

EARTH	
20.27	498.3
23.0	497.7
28.0	498.2
20.27	498.3

2.18

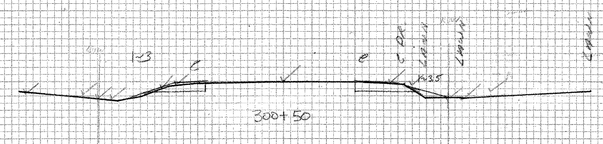


500

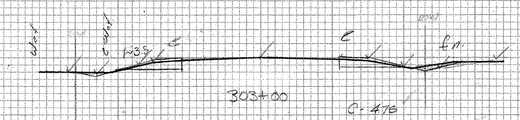
EARTH	
22.0	498.7
26.0	497.9
33.0	499.5
29.0	499.0
25.0	498.8
22.0	498.7

4.75

END DITCH CLEANING
300+75 LT



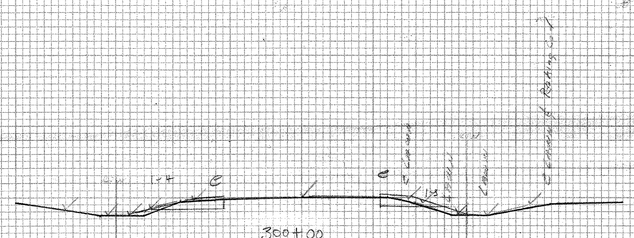
500



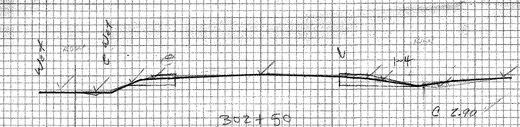
500

EARTH	
22.0	498.5
25.0	498.3
33.0	499.3
27.0	499.4
22.0	498.5

4.75



500

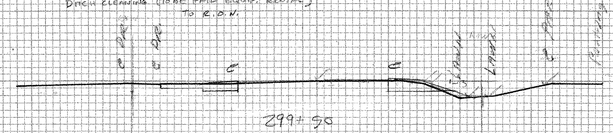


500

EARTH	
22.0	498.4
25.0	498.4
34.0	499.7
27.0	499.1
22.0	498.4

2.90

299+75 ~ 300+75 LT
DITCH CLEANING (TO BE PAID EQUIP. RENTAL)
TO R.O.W.



500



500

SHOREHAM-BRIDPORT-ADDISON

F 017-1(2)

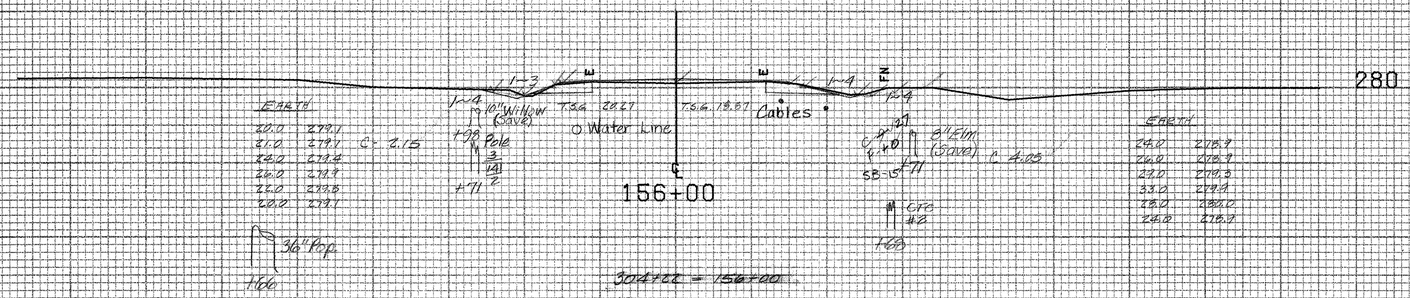
ORIGINAL SECTIONS

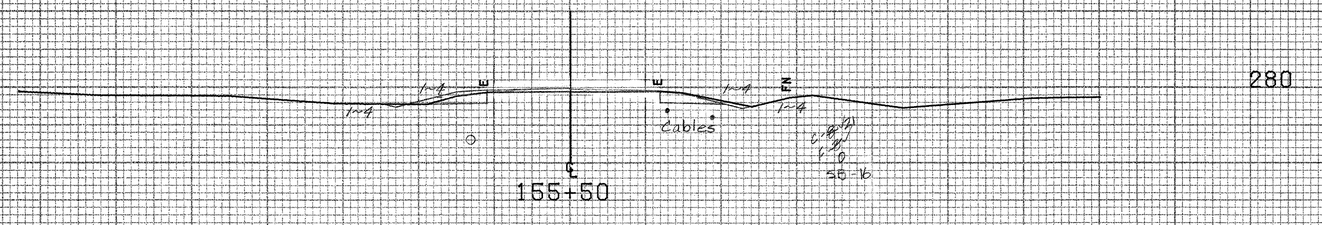
Plotted by W.J. Gidney
1-3-91

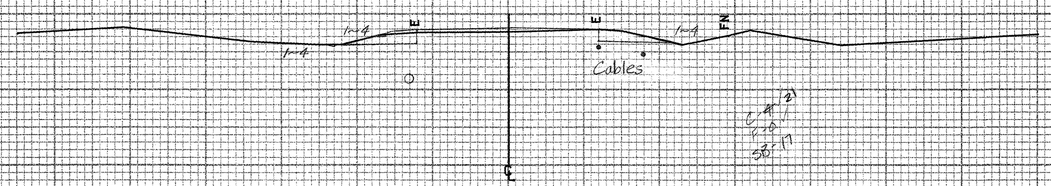
FINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

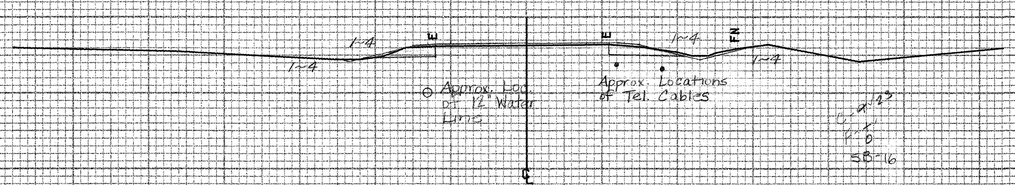
ORIGINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

[redacted] [redacted] [redacted] R. & R. E. STANDARD [redacted] Cut's / WJG 4-22-92 299+50 304+22 156+00 Sh[redacted]





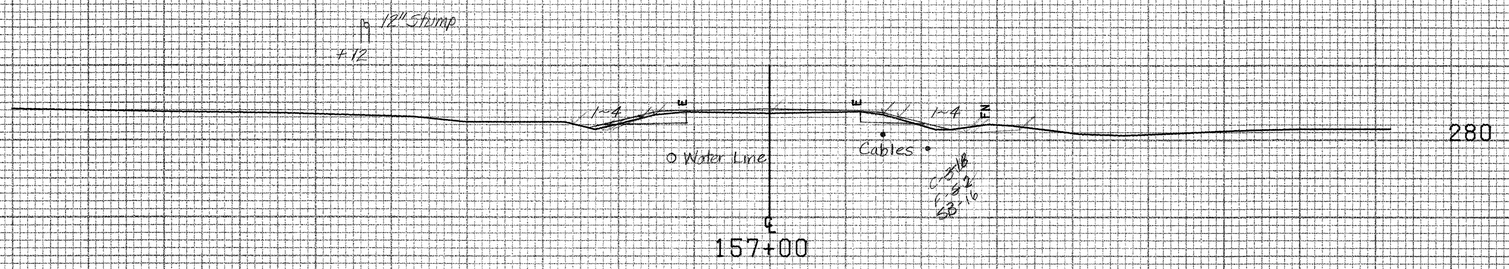


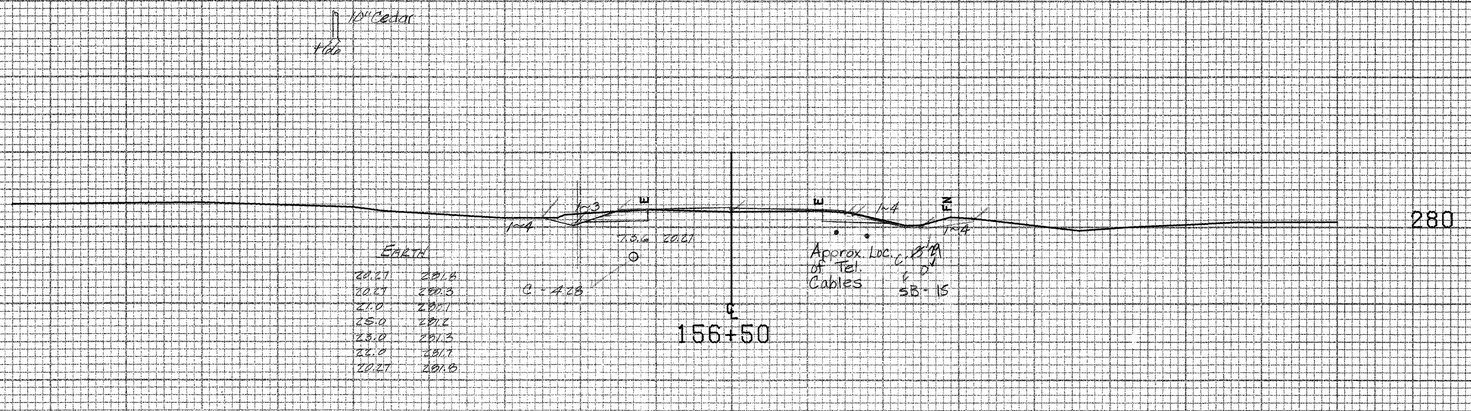


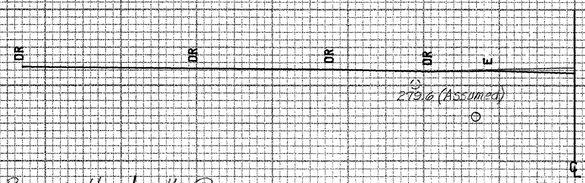
BRIDPORT MM 2.94 ~ MM 3.54

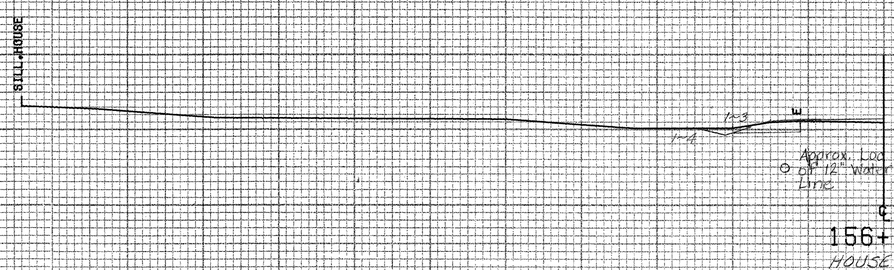
FROM STA. 154+50	TO STA. 156+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN
NO.	F017-1(2) PLOTTED 04/11/85
SURVEYED BY	BUSHEY FEB 1985
SHEET 304 OF 429 SHEETS	SHEET 304 OF 477

SCALE 10 FEET









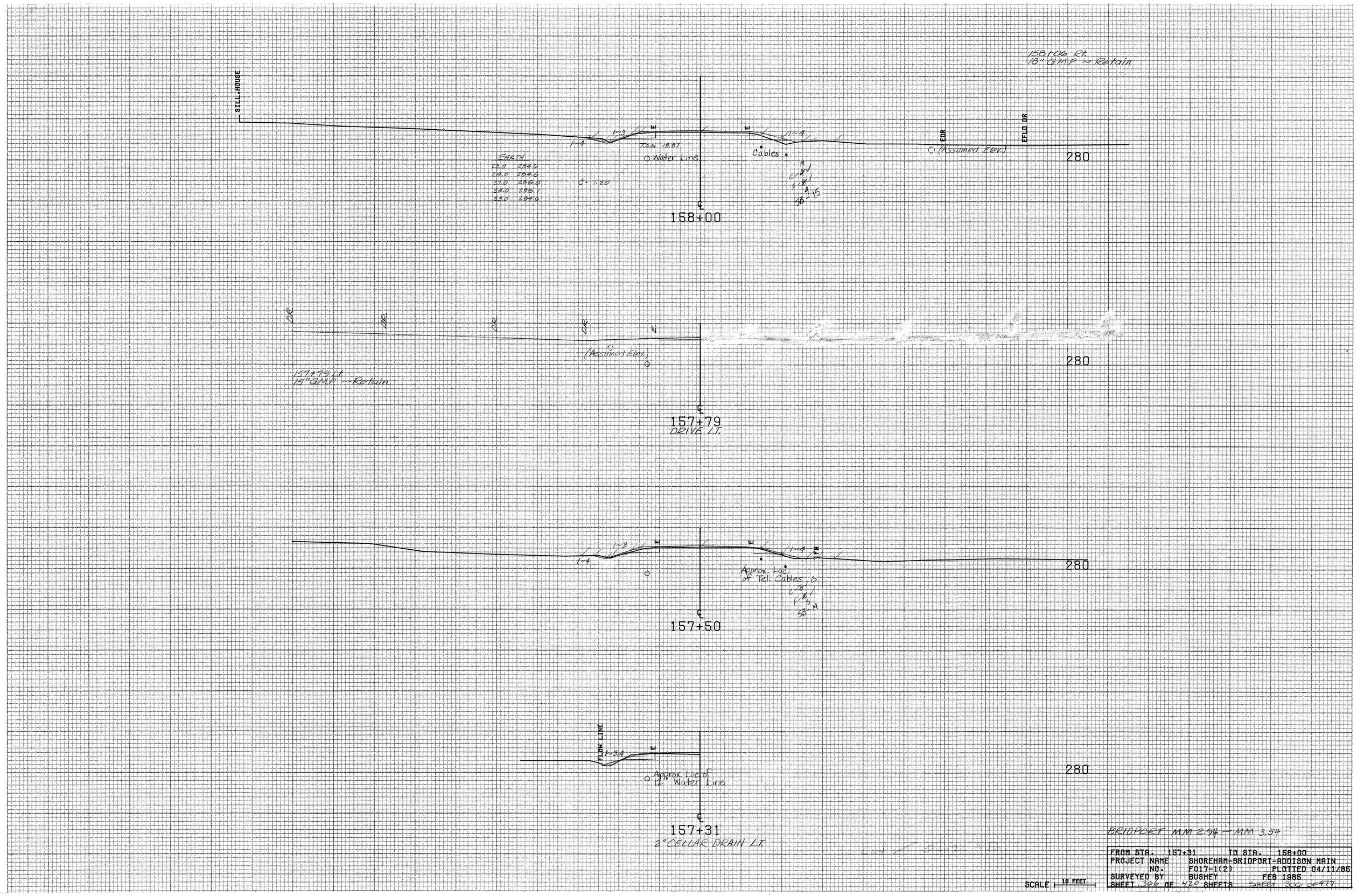
280

280

BRIDPORT MM 2.94 - MM 3.54

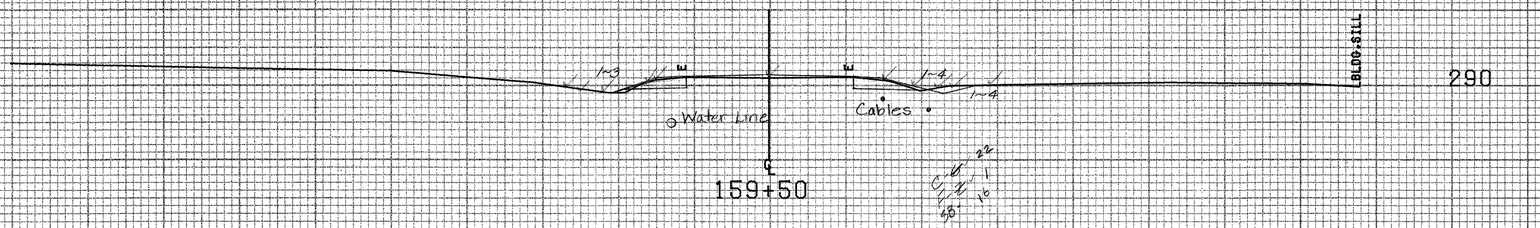
FROM STA.	156+15	TO STA.	157+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN		
NO.	F017-1(2)	PLOTTED	04/11/85
SURVEYED BY	BUSHEY		FEB 1985
SHEET 305 OF 420 SHEETS		SHEET	305 OF 477

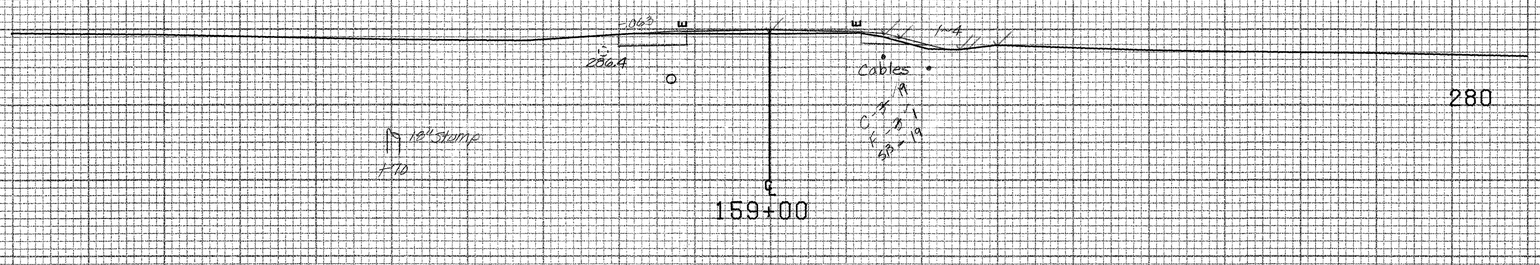
SCALE 10 FEET



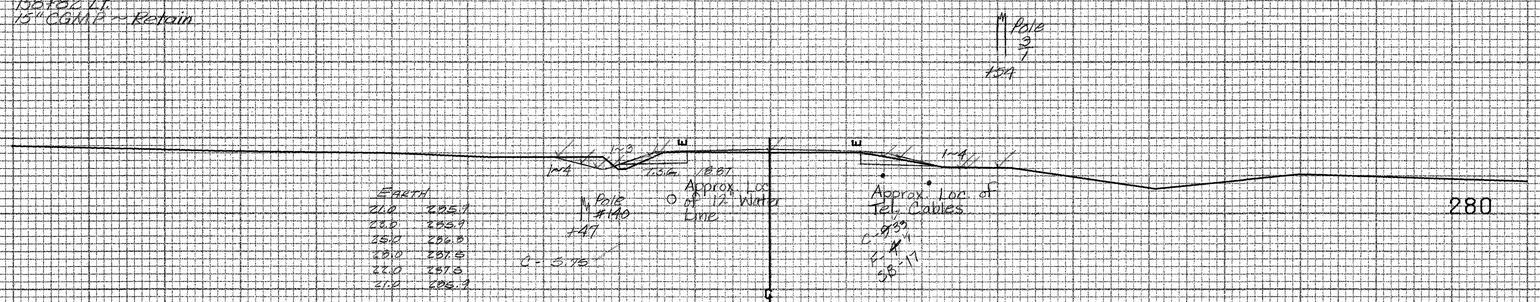
BRIDPORT MM 2.94 — MM 3.54

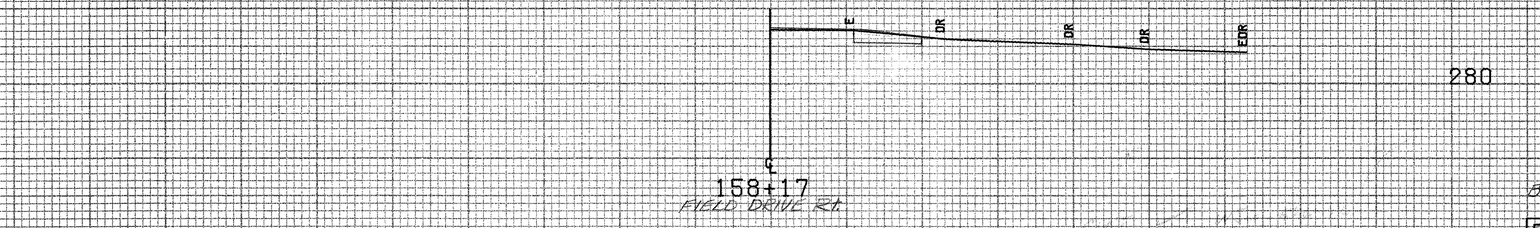
FROM STA. 157+31		TO STA. 158+00	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN		
NO.	F017-1(2)	PLOTTED 04/11/85	
SURVEYED BY	BUSHEY	FEB 1985	
SHEET 306 OF 420 SHEETS		SHEET 306 OF 477	





158+82 Lt.
15" CGMP ~ Retain

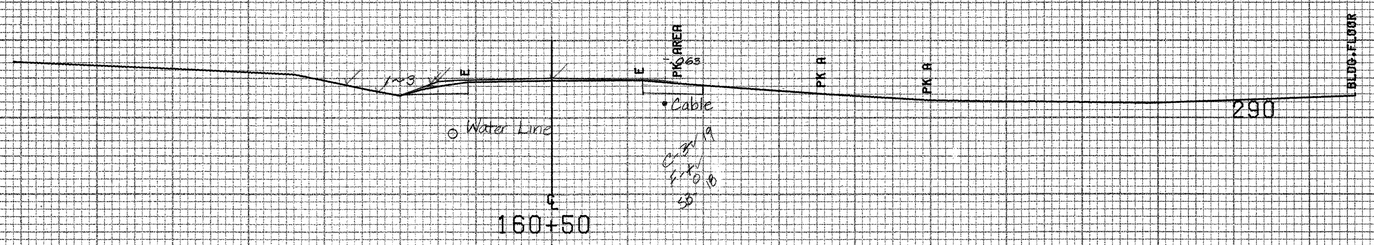


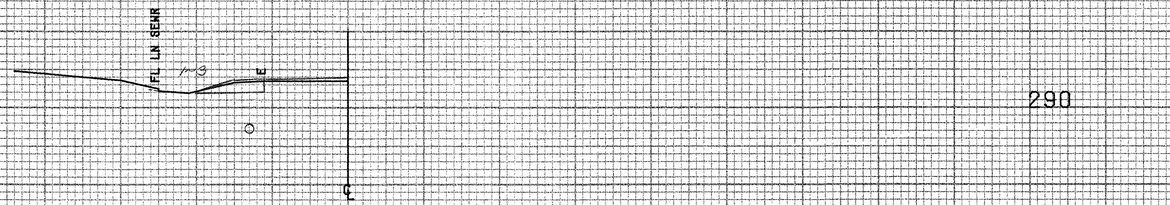


BRIDPORT MM 2.94 ~ MM 3.54

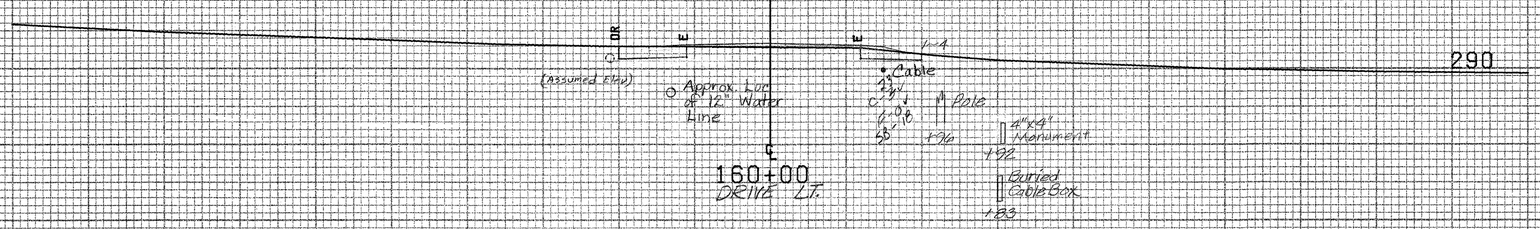
FROM STA.	158+17	TO STA.	159+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN		
NO.	F017-1(2)	PLOTTED	04/11/85
SURVEYED BY	BUSHEY		FEB 1985
SHEET 307 OF 420 SHEETS			

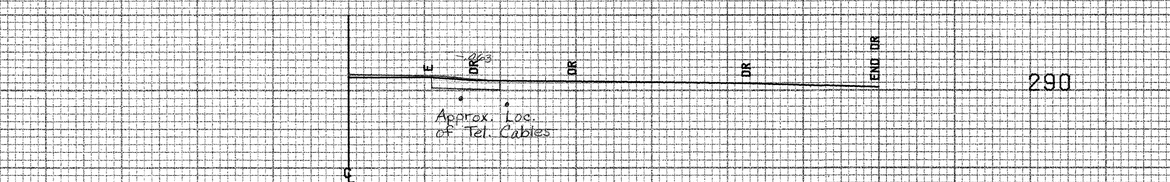
SCALE 10 FEET





160+05 Lt.
15" CGMP - Retain

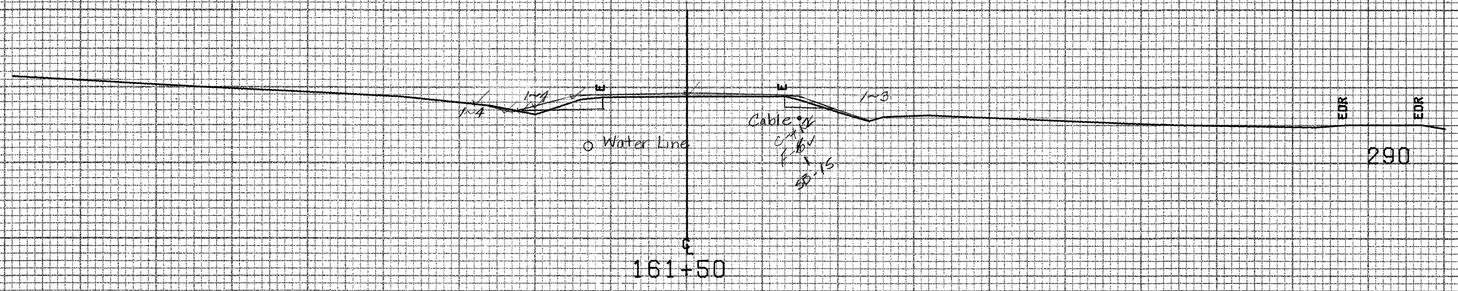


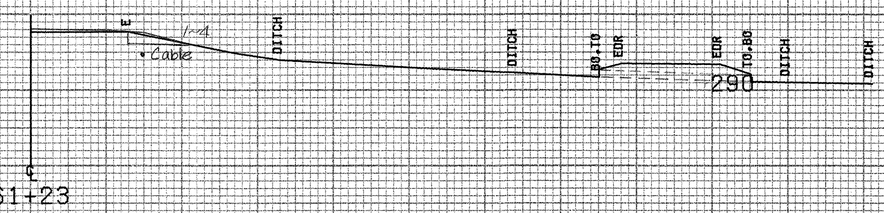


BRIDPORT MM 2.94 ~ MM 3.54

FROM STA. 159+70	TO STA. 160+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN
NO.	F017-1(2) PLOTTED 04/11/85
SURVEYED BY	BUSHEY FEB 1985
SHEET 308 OF 420 SHEETS	SHEET 308 OF 477

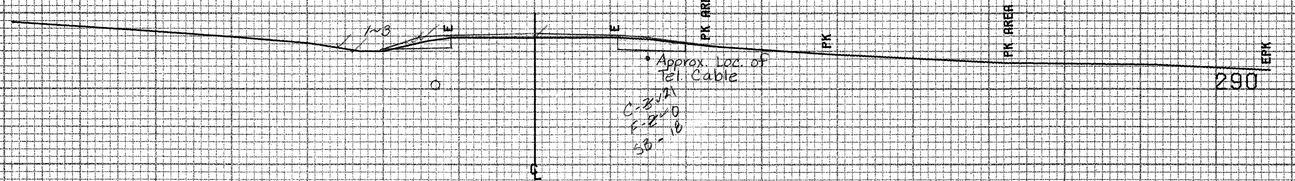
SCALE 10 FEET

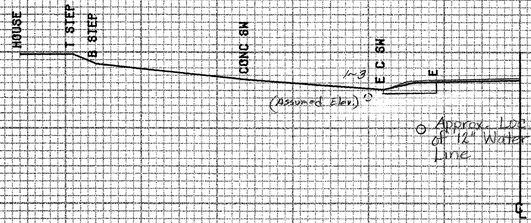




161+23 ~ 161+90 Rt.
Ditching ~ To be paid as All Purpose Excavator Rental & Truck Rental

161+23 Rt.
12" CGMP ~ Retain





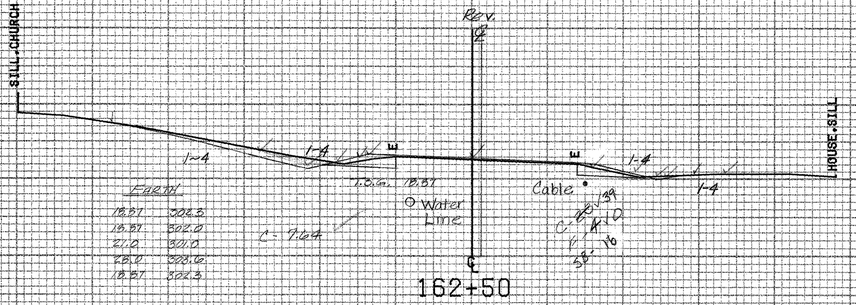
160+89 Lt.
12" CGMP ~ Retain

HOUSE & CONC. S.W. LT.

BRIDPORT MM 2.94 ~ MM 3.54

FROM STA.	160+89 TO STA. 161+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN
NO.	F017-1(2) PLOTTED 04/11/85
SURVEYED BY	BUSHEY FEB 1985
SHEET 309 OF 420 SHEETS	SHEET 309 OF 477

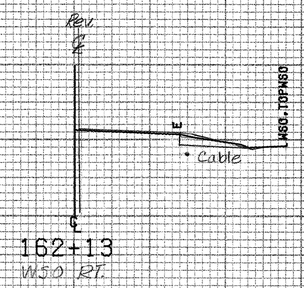
SCALE 10 FEET



162+50

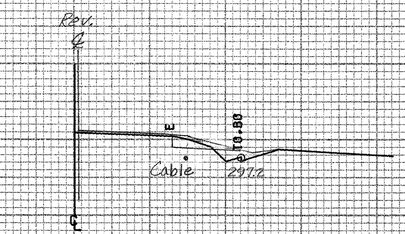
300

162+02 ~ 163+30 Rt.
8" VCP ~ Retain & Extend w/ 12" x 12" CSP (.064) & New 12" CSP Elbow (.064) 20° @ Outlet



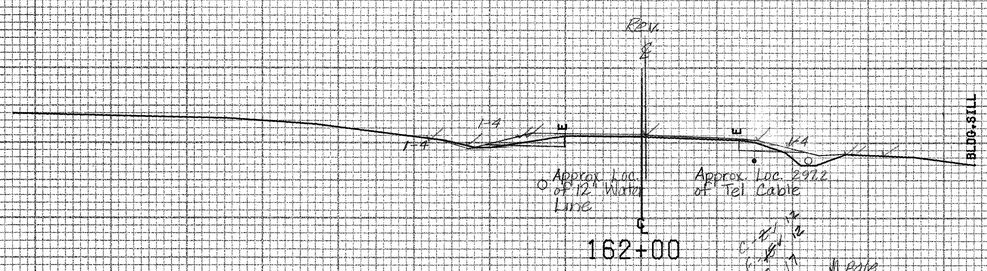
162+13
W5.0 RT.

300



162+02
8" VCP OUTLET RT.

300

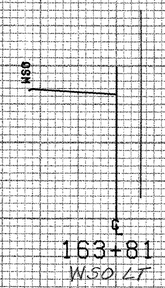


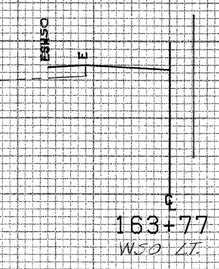
162+00

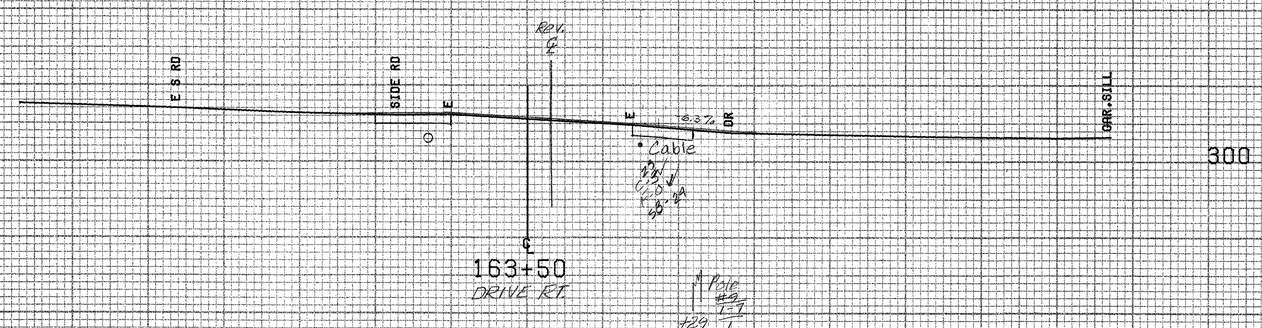
BRIDPORT MM 2.94 ~ MM 3.54

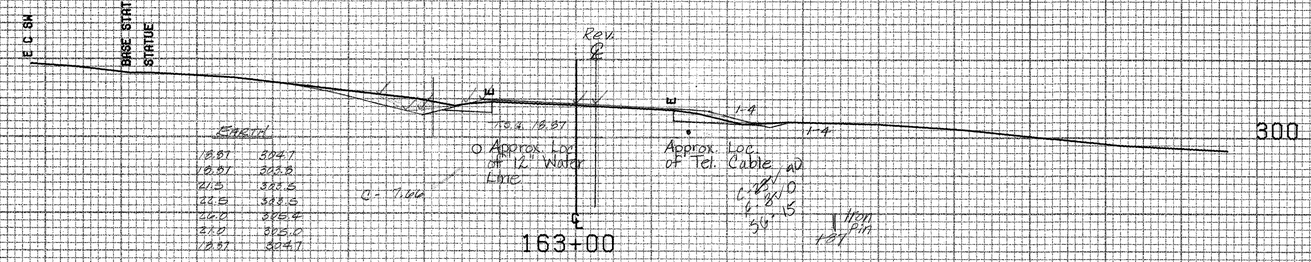
FROM STA. 162+00	TO STA. 162+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN
NO.	F017-1(2) PLOTTED 04/11/85
SURVEYED BY	BUSHEY FEB 1985
SHEET 310 OF 420 SHEETS	SHEET 310 OF 477

SCALE 10 FEET







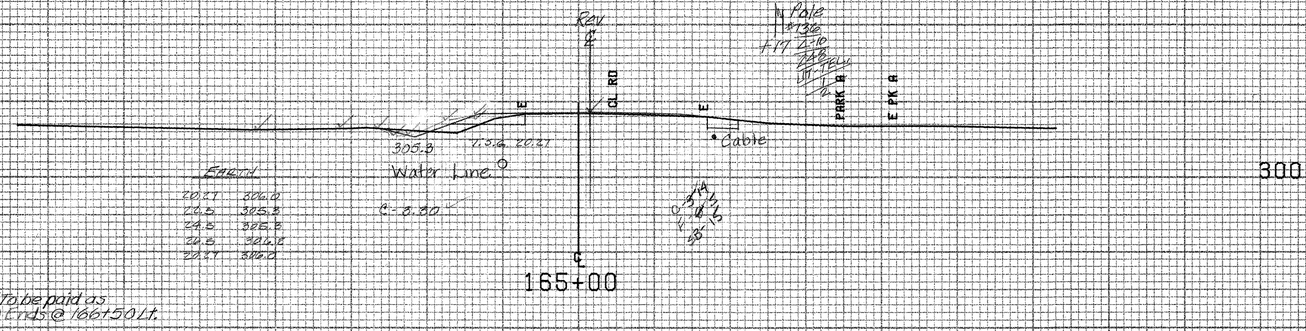


Easting	
18.87	334.1
19.87	333.8
21.5	333.5
22.5	333.3
26.0	332.4
27.0	332.0
28.87	331.7

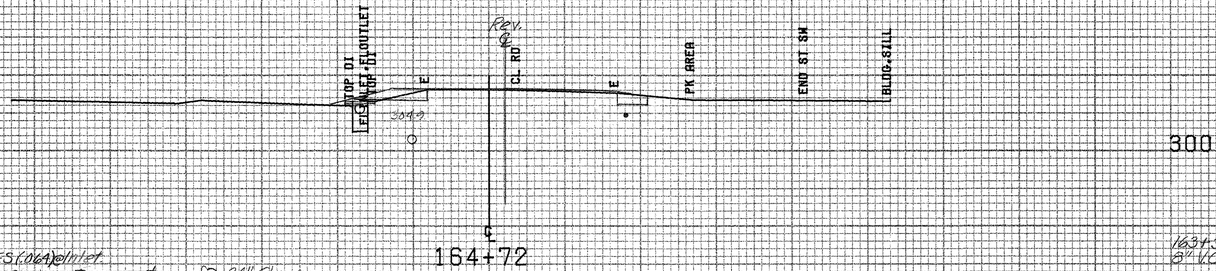
BRIDPORT MM 2.94 ~ MM 3.54

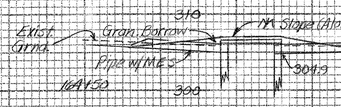
FROM STA.	163+00 TO STA. 163+81
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN
NO.	F017-1(2) PLOTTED 04/11/86
SURVEYED BY	BUSHEY FEB 1985
SHEET 31 OF 422 SHEETS	SHEET 31 OF 477

SCALE 10 FEET



164+85 Lt.
Begin Special Ditch (To be paid as Common Excavation) Ends @ 166+50 Lt.



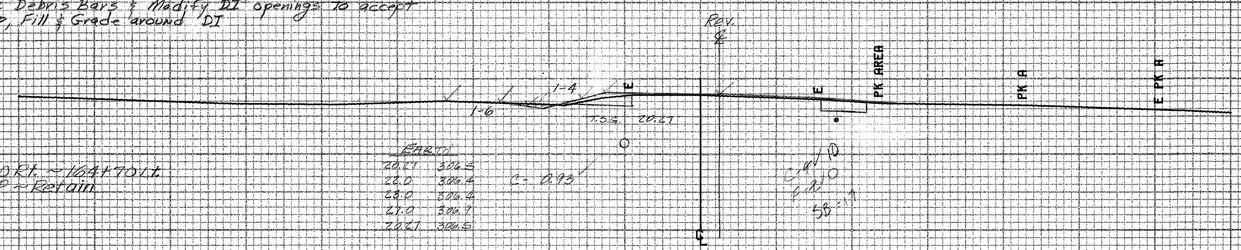


DETAIL
DI @ 164+72 Lt.

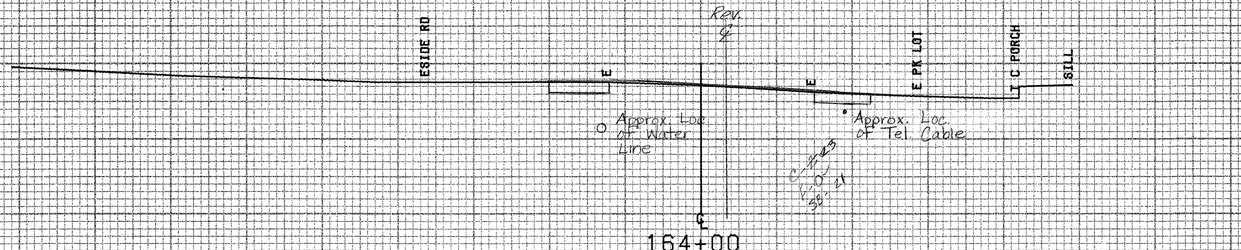
164+75 ~ 164+89 Lt.
New 15"x10" CSP (.064) w/ 15" CSPRES (.064) Inlet
Remove Debris Bars & Modify DI openings to accept 15" CSP, Fill & Grade around DI

24" Stamp
+56

1634+90 ~ 1651+10 Rt.
8" VCP ~ Retain



1634+30 Rt. ~ 1647+70 Lt.
8" VCP ~ Retain



BRIDPORT MM 2.94 ~ MM 3.54

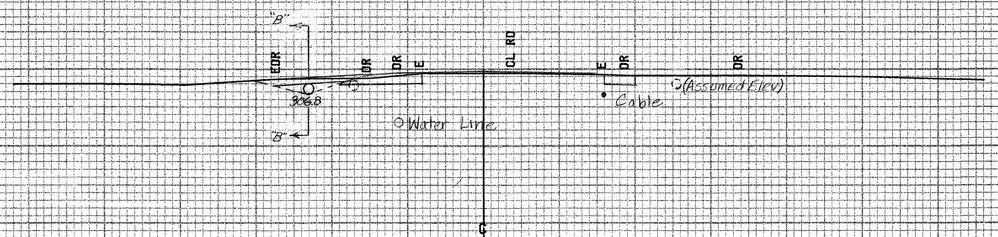
FROM STA.	164+00	TO STA.	165+00
PROJECT NAME		SHOREHAM-BRIDPORT-ADDISON MAIN	
NO.		F017-1(2)	PLOTTED 04/11/85
SURVEYED BY		BUSHEY	FEB 1985
SHEET 312 OF 480 SHEETS			

SCALE 10 FEET

165+91 Lt.
Construct Drive (12' Gravel)
(See Typ. Below)

New 15" x 34' CSP (.064) or
RCP (Cl. III) Option

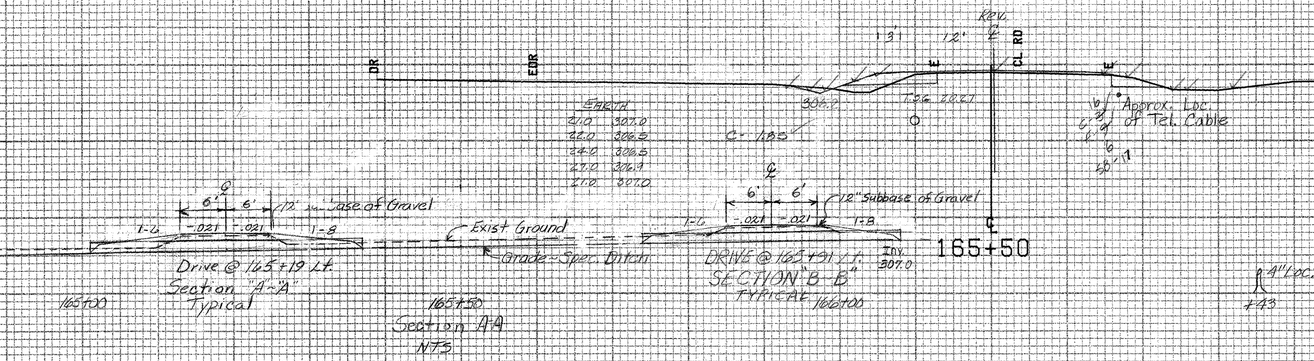
165+89 Lt.
Existing 15" CMP
Remove



300

165+91 Rt.
Existing 15" CMP
Retain

24" Stump
+74
15" Stump
+56

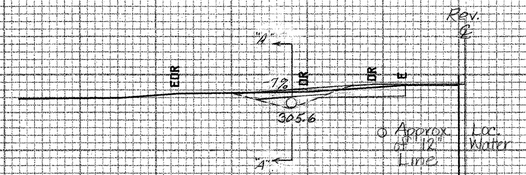


300

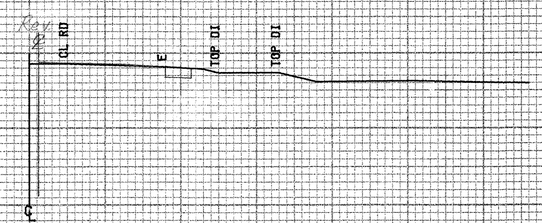
4" Loc.
+43

165+19 Lt.
Construct Drive (12' Gravel)
(See Typ. Above)

165+19 Lt.
New 15" x 36' CSP (.064) or
RCP (Cl. III) Option



300

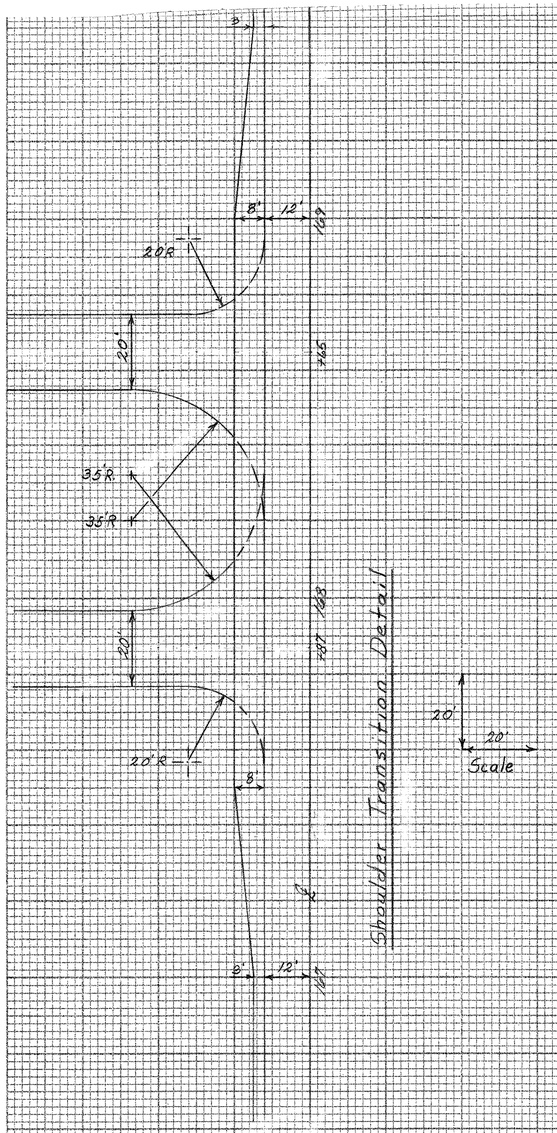


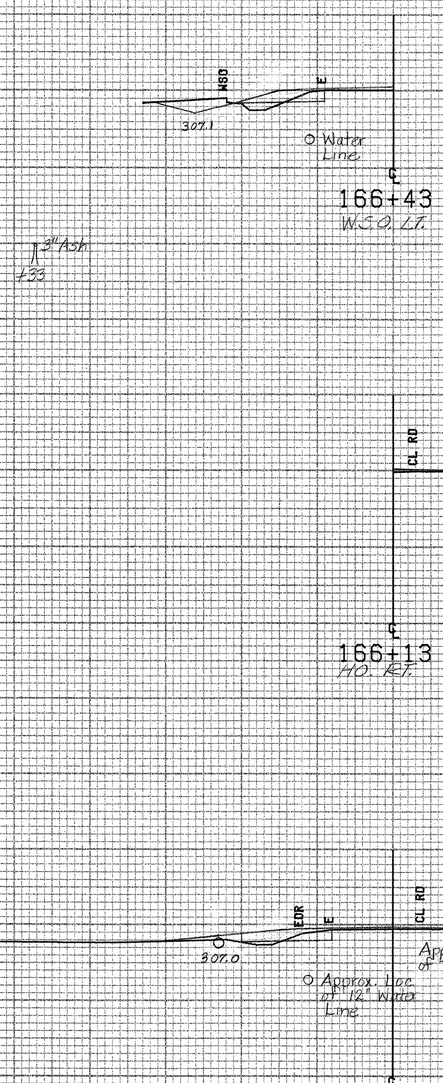
300

BRIDPORT MM 2.94 - MM 3.54

FROM STA.	165+10 TO STA. 165+91
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN
NO.	F017-1(2) PLOTTED 04/11/85
SURVEYED BY	BUSHEY FEB 1985
SHEET 318 OF 426 SHEETS	SHEET 318 OF 477

SCALE 10 FEET





310

300

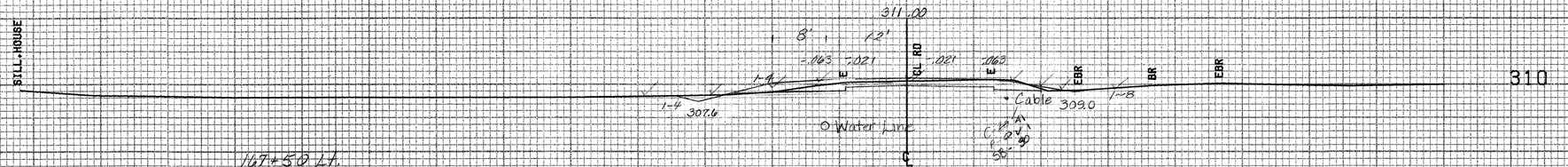
166+05 Rt.
Begin Special Ditch - End's @ 168+15 Rt.
(To be paid as Common Excavation)

300

BRIDPORT MM 2.94 ~ MM 3.54

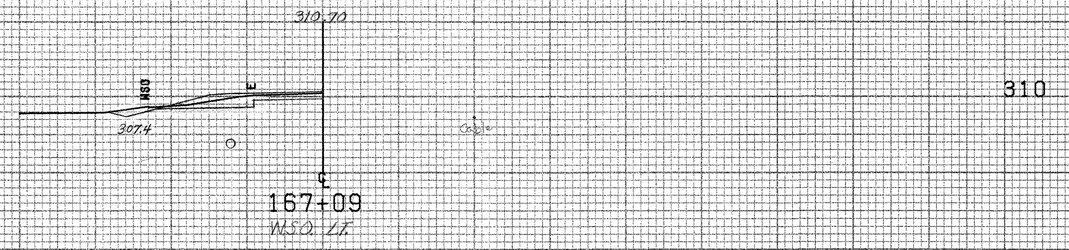
FROM STA.	166+00	TO STA.	166+43
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN		
NO.	F017-1(2)	PLOTTED	04/11/85
SURVEYED BY	BUSHEY		FEB 1985
SHEET 314 OF 420 SHEETS			SHEET 314 OF 477

SCALE 10 FEET

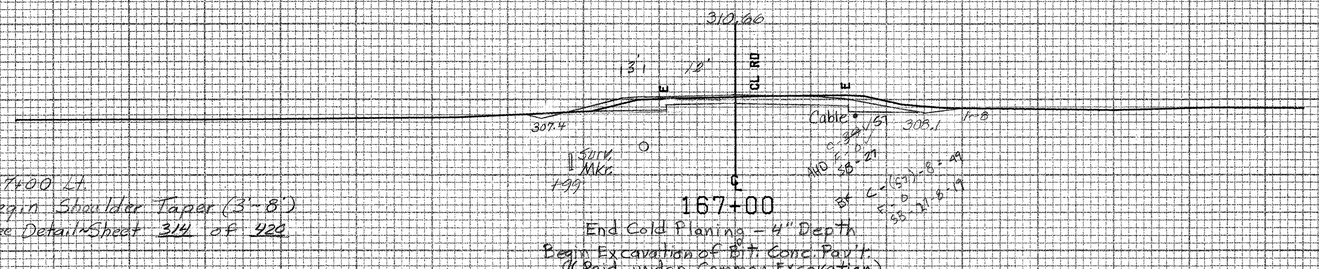


167+50 Lt.
End Shoulder Taper (3'-8')
(See Detail-Sheet 314 of 420

℄
167+50
Begin Taper of Full Depth Typical

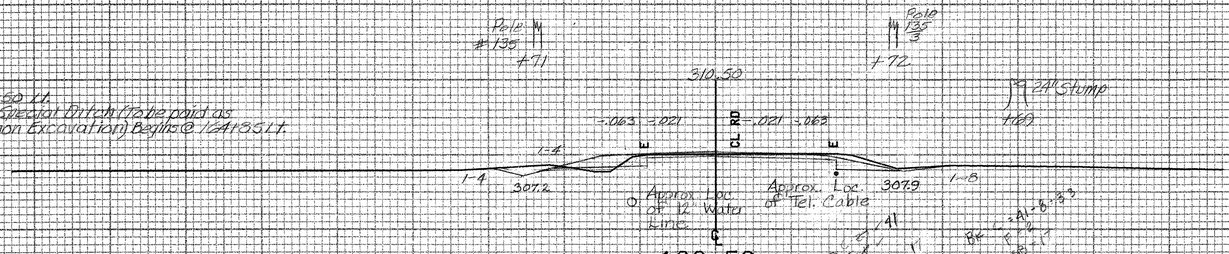


℄
167+09
W.S.O. Lt.



167+00 Lt.
Begin Shoulder Taper (3'-8')
(See Detail-Sheet 314 of 420

℄
167+00
End Cold Planing - 4" Depth
Begin Excavation of Bit. Conc. Pavt.
(Paid under Common Excavation)

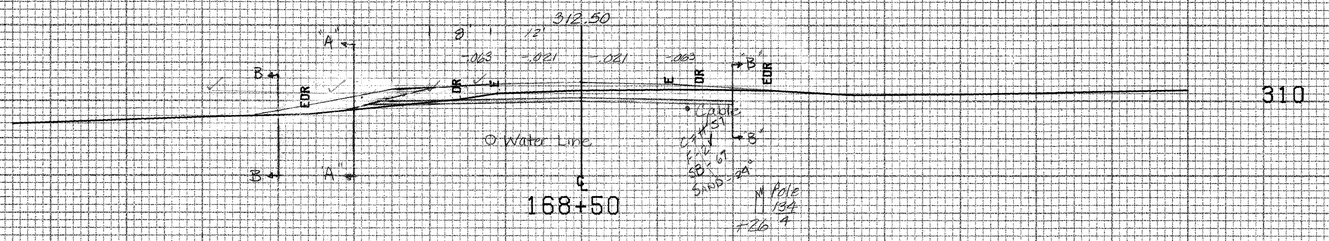


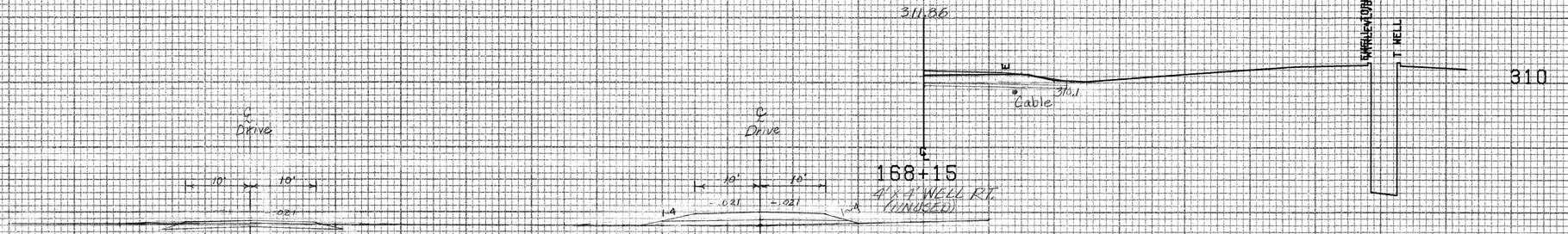
℄
166+50
Begin Cold Planing - 4" Depth
Stop Project F017-1(2)
Begin Project HES-F017-1(2)

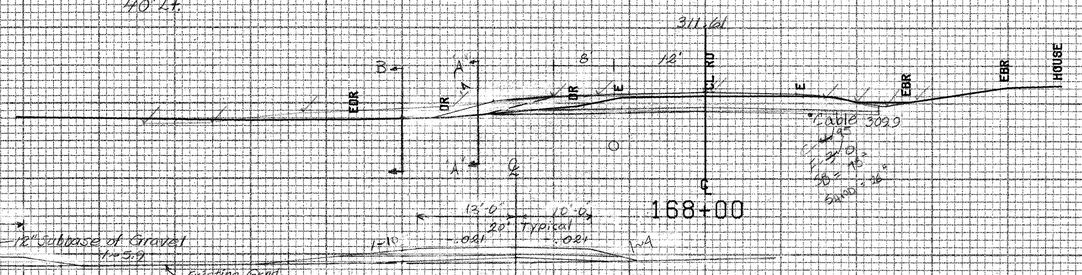
BRIDPORT MM 2.94 ~ MM 3.54

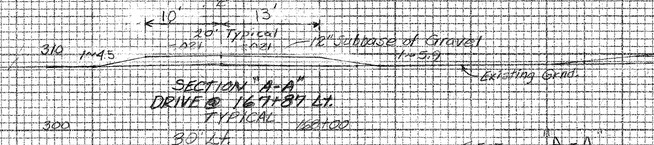
FROM STA.	166+50	TO STA.	167+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN		
NO.	F017-1(2)	PLOTTED	04/11/86
SURVEYED BY	BUSHEY		FEB 1985
SHEET 315 OF 420 SHEETS		SHEET	315 OF 477

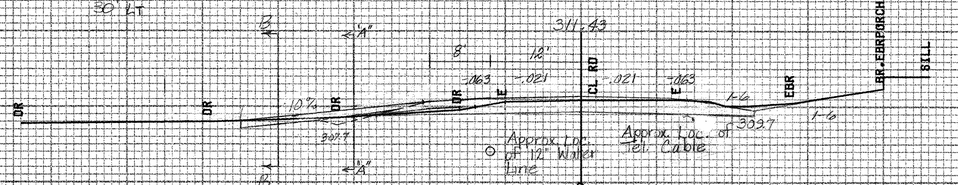
SCALE 10 FEET











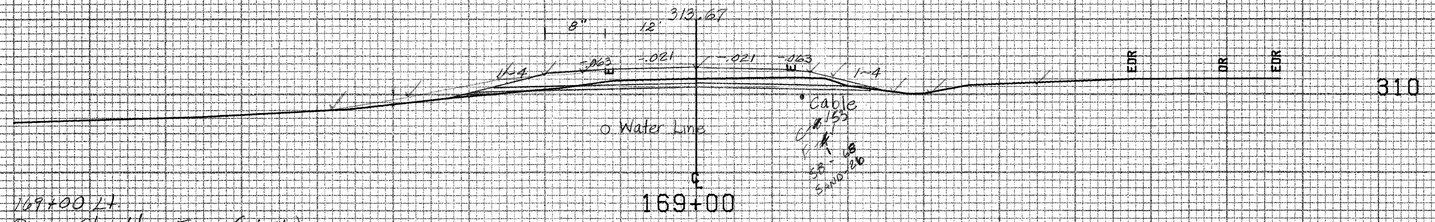
167+50 168+00 168+50

SECTION "A-A"
30' Lt.

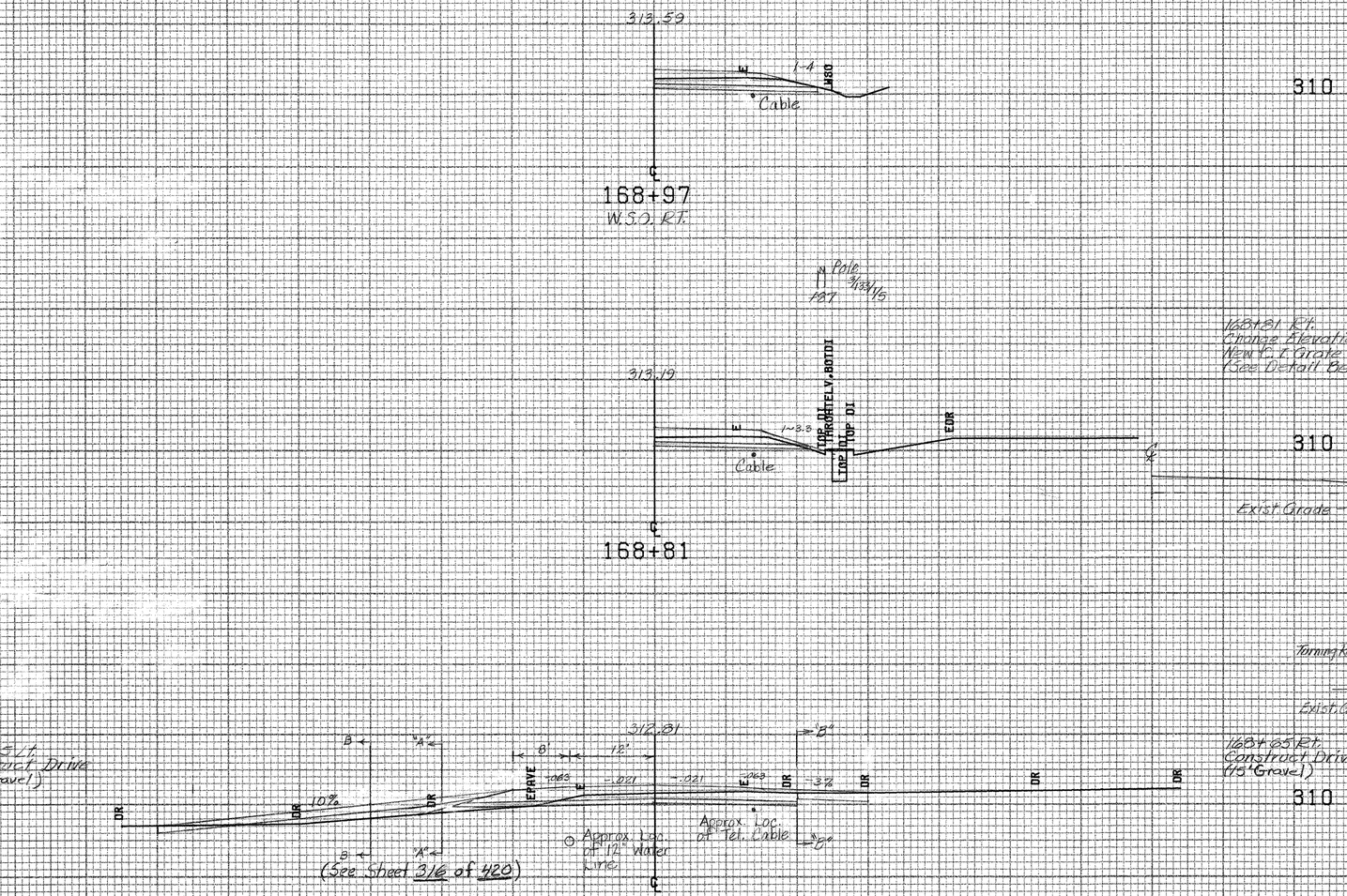
BRIDPORT MM 2.94 - MM 3.54

FROM STA.	167+87	TO STA.	168+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN		
NO.	F017-112()	PLOTTED	04/11/85
SURVEYED BY	BUSHEY		FEB 1985
SHEET 316 OF 430 SHEETS		SHEET 316 OF 477	

SCALE 10 FEET



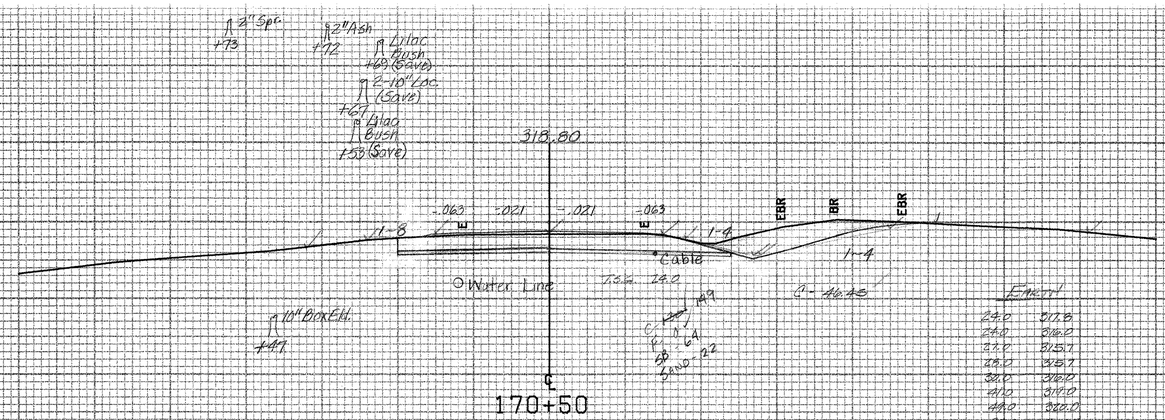
168+81 Lt.
Begin Shoulder Taper (8'-3')
(See Detail - Sheet 314 of 420

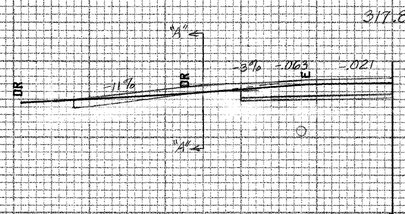


BRIDPORT MM 2.94 ~ MM 3.54

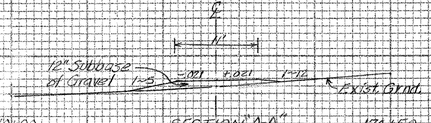
FROM STA.	168+65	TO STA.	169+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN		
NO.	F017-1(2)	PLOTTED	04/11/85
SURVEYED BY	BUSHEY	FEB 1985	
SHEET 319 OF 420 SHEETS		SHEET	317 of 477

SCALE 10 FEET

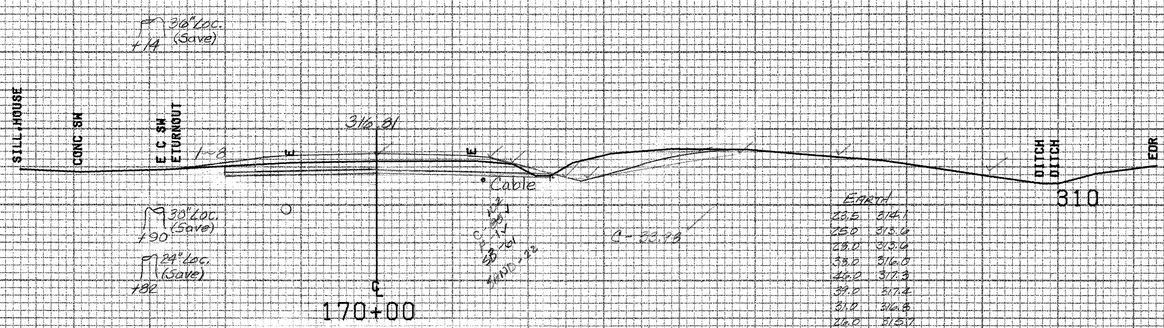


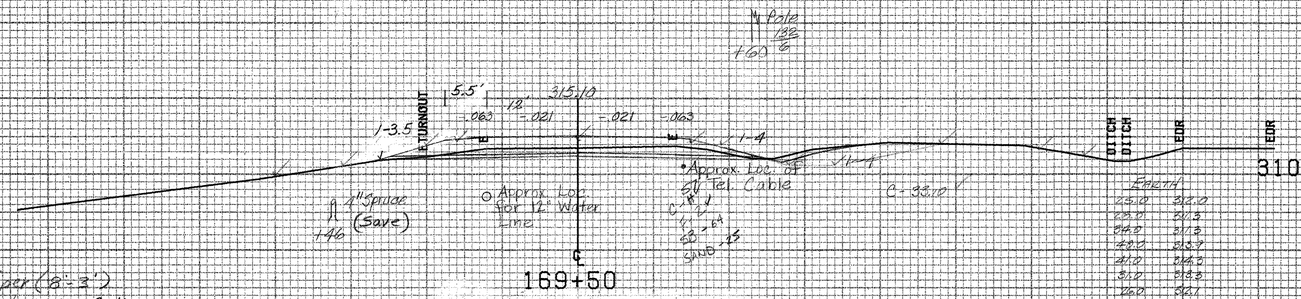


170+27 Lt.
Construct Drive
(12' Gravel)



SECTION "AA"
DRIVE @ 170+27 Lt.
TYPICAL



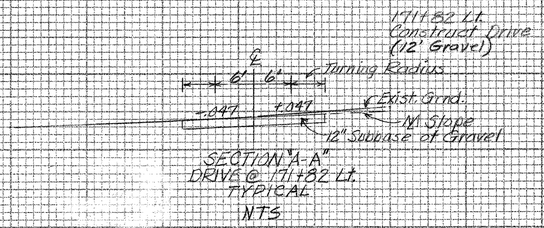


169+50 Lt.
End Shoulder Taper (8'-3')
(See Detail on Sheet 314 of 420

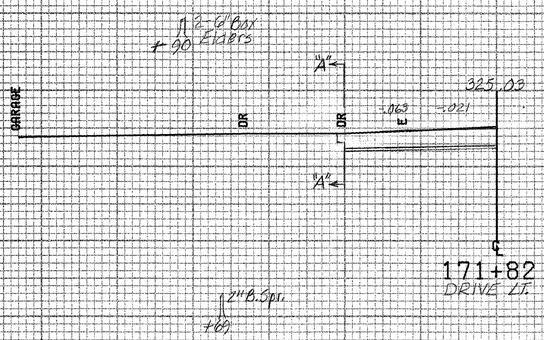
BRIDPORT MM 2.94 - MM 3.54

FROM STA.	169+50	TO STA.	170+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN		
NO.	F017-1(2)	PLOTTED	04/11/85
SURVEYED BY	BUSHEY	FEB 1985	
SHEET 313 OF 420 SHEETS		SHEET 318 OF 477	

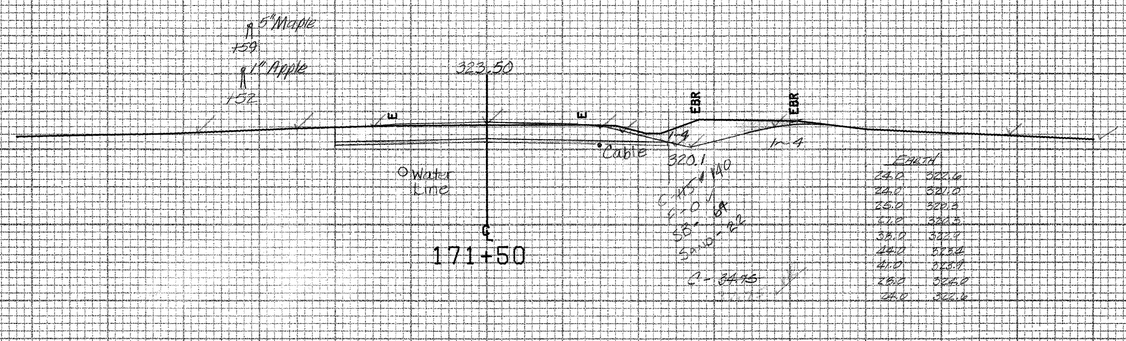
SCALE 10 FEET



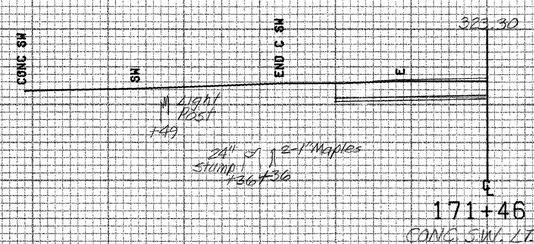
SECTION "A-A"
DRIVE @ 171+82 Lt.
TYPICAL
NTS



320



320



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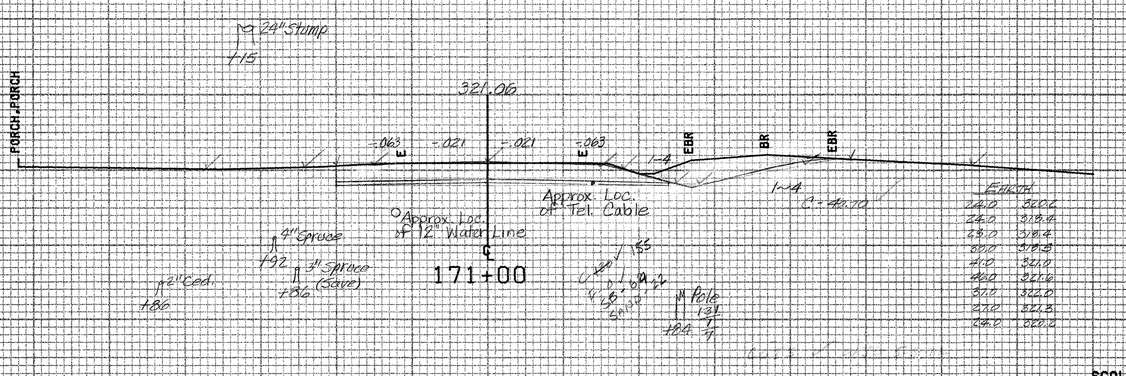
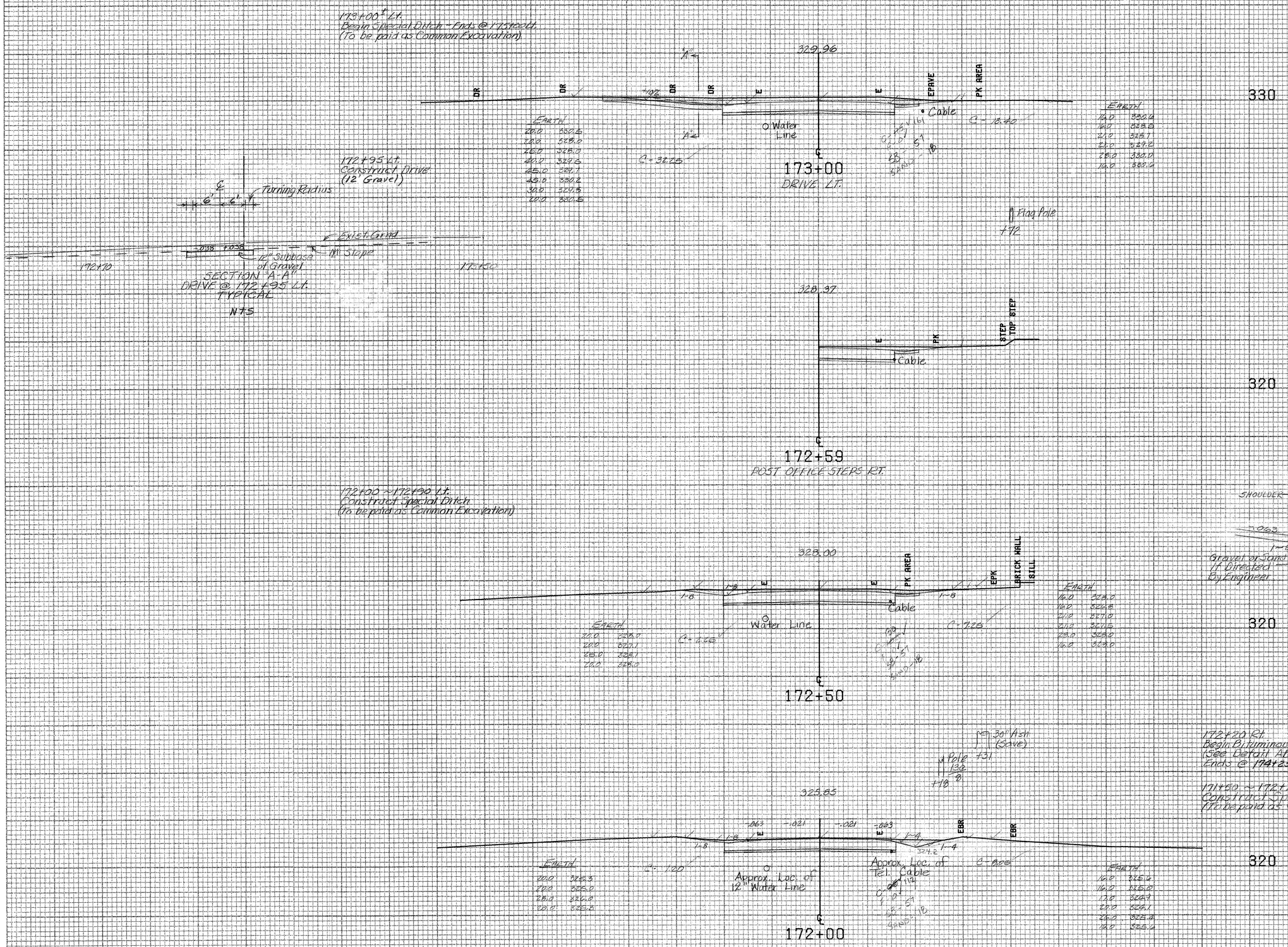


320

BRIDPORT MM 2.94 - MM 3.54

FROM STA.	171+00 TO STA. 171+82
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN
NO.	F017-1(2) PLOTTED 04/11/85
SURVEYED BY	BUSHEY FEB 1985
SHEET 319 OF 420 SHEETS	SHEET 319 OF 477

SCALE 10 FEET



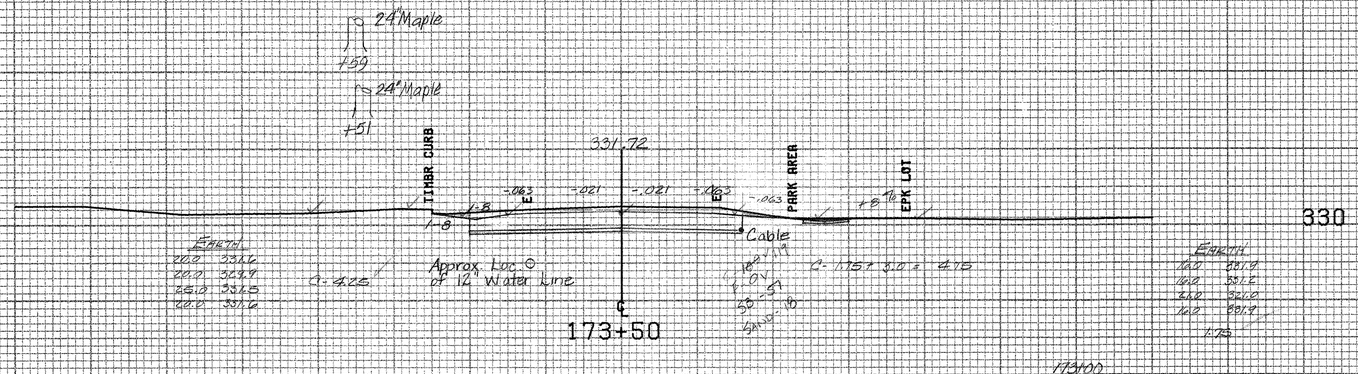
172+20 Rt.
Begin Bituminous Concrete Gutter
(See Detail Above)
Ends @ 174+25 Rt.

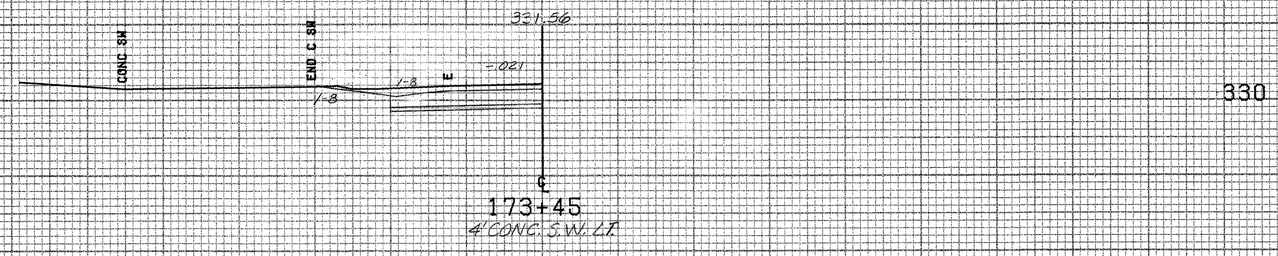
171+50 ~ 172+20 Rt.
Construct Special Ditch
(To be paid as Common Excavation)

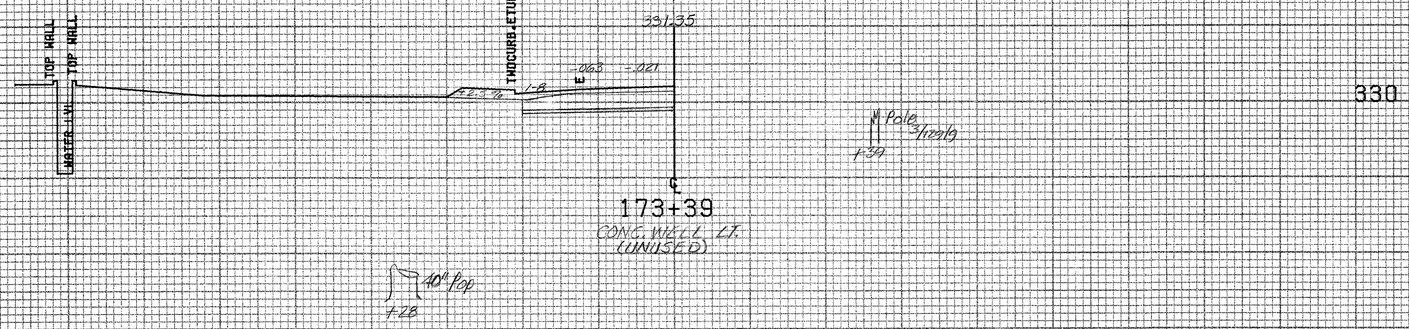
BRIDPORT MM 2.94 ~ MM 3.54

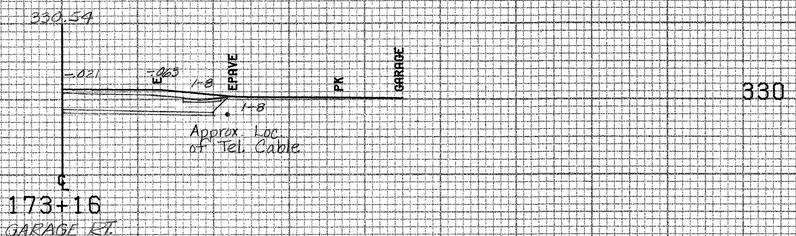
FROM STA. 172+00		TO STA. 173+00	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN		
NO.	F017-1(2)	PLOTTED 04/11/85	
SURVEYED BY	BUSHEY	FEB 1985	
SHEET 320 OF 420	SHEETS	SHEET 320 OF 477	

SCALE 10 FEET







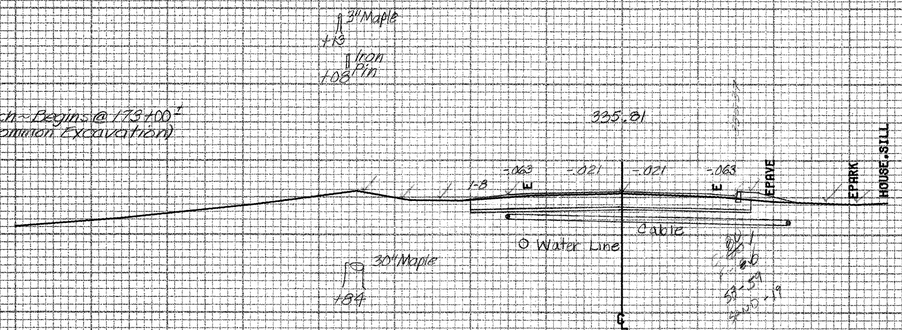


BRIDPORT MM 2.94 ~ MM 3.54

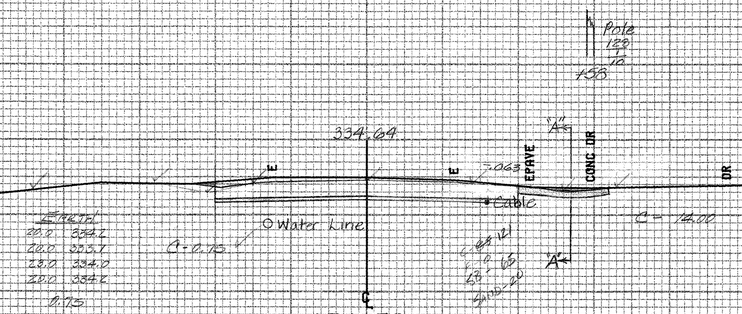
FROM STA.	173+16	TO STA.	173+50
PROJECT NAME		SHOREHAM-BRIDPORT-ADDISON MAIN	
NO.		F017-1(2)	PLOTTED 04/11/85
SURVEYED BY		BUSHEY	FEB 1985
SHEET 321 OF 430 SHEETS			SHEET 321 OF 477

SCALE 10 FEET

175+00 Lt.
End Special Ditch - Begins @ 173+00 Lt
(To be paid as Common Excavation)



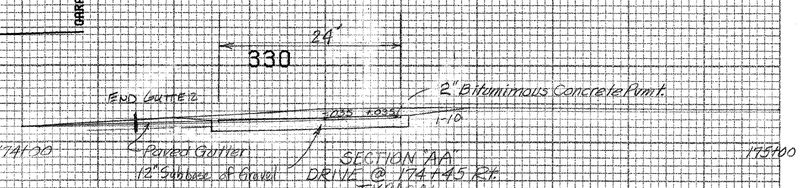
330



Elevation	
20.0	334.7
22.0	334.7
23.0	334.0
20.0	334.2

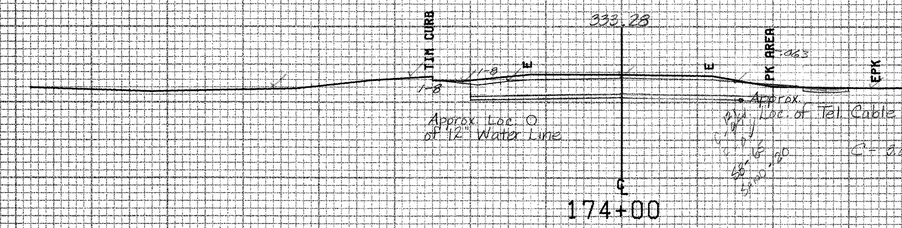
0.75

174+58 Rt.
Begin Cast In Place Concrete Curb, Type B
(Ends @ Vt. 125(E) 2 76+16 Rt.

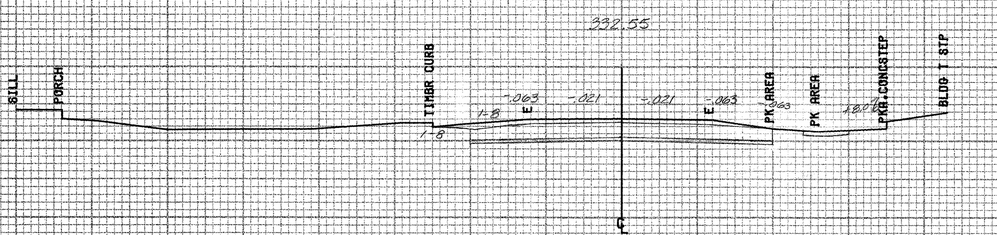


174+45 Rt.
Construct Paved Drive (24' wide)
Remove Existing Cement Concrete to Limits
Shown & Replace w/ Bit. Concrete Pvmt. & Gravel

174+25 Rt.
End Bituminous Concrete Gutter
Begins @ 172+20 Rt.



330

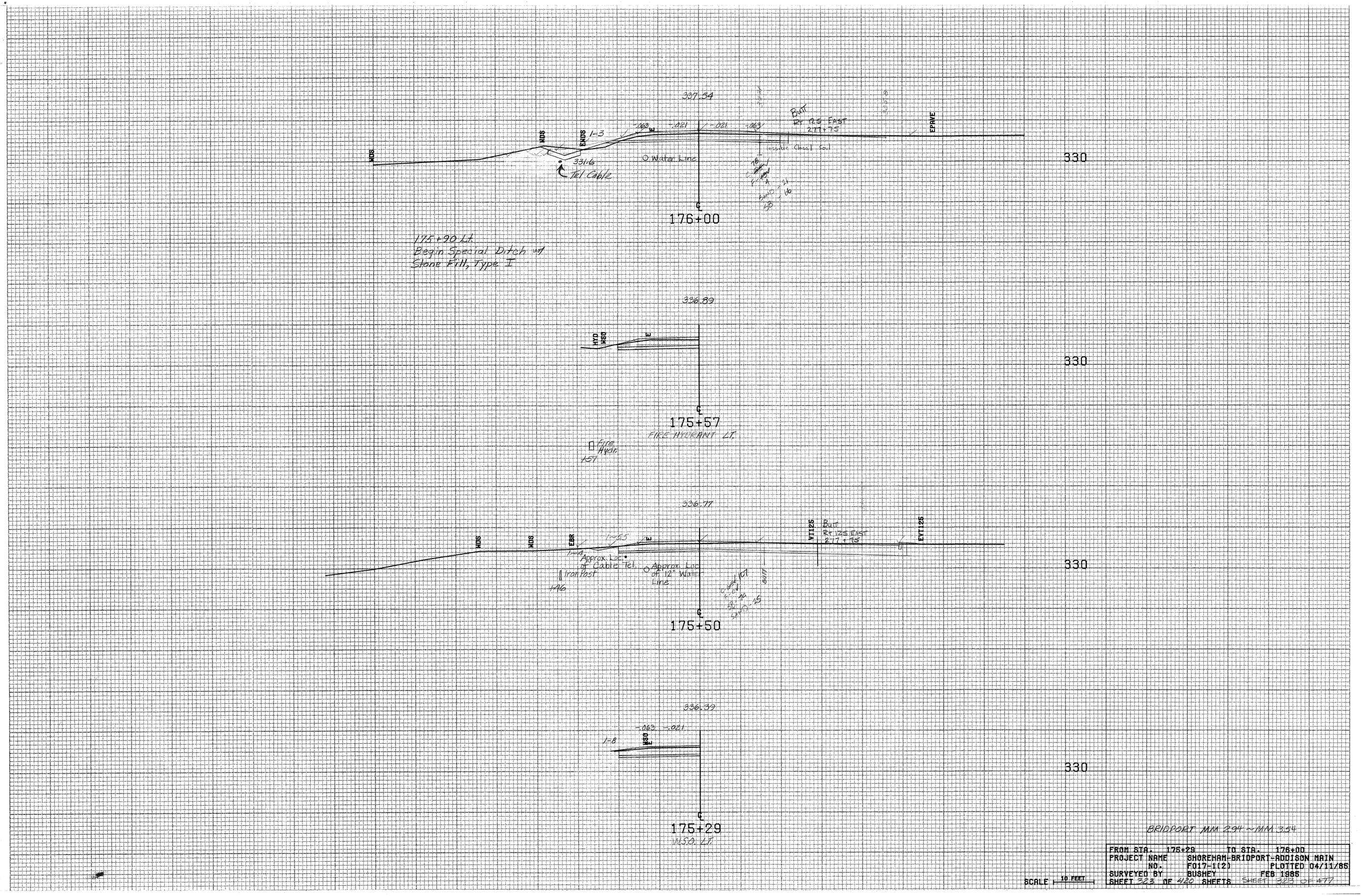


330

BRIDPORT MM 2.94 ~ MM 3.54

FROM STA.	173+76	TO STA.	175+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN		
NO.	F017-1(2)	PLOTTED	04/11/85
SURVEYED BY	BUSHEY		FEB 1985
SHEET 322 OF 420 SHEETS			SHEET 1322 of 477

SCALE 10 FEET



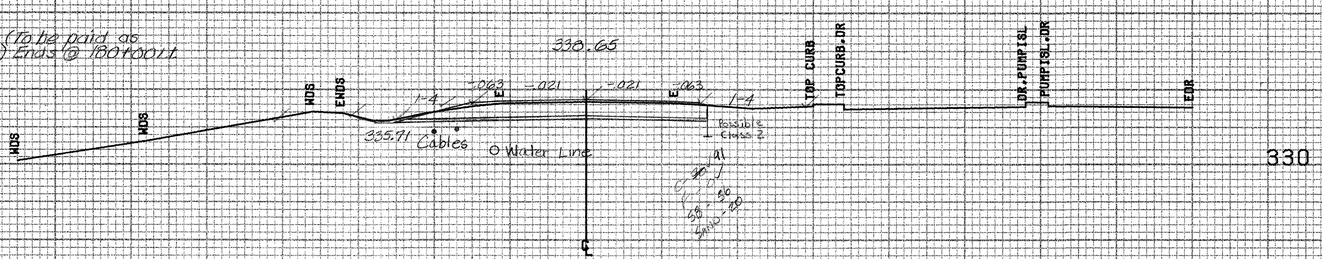
BRIDPORT MM 2.94 ~ MM 3.54

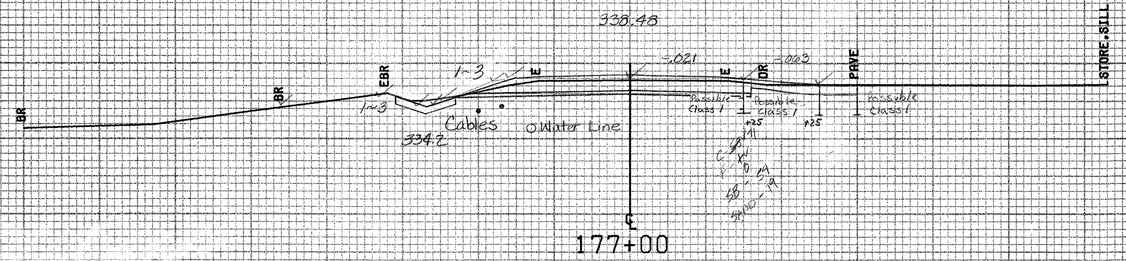
FROM STA. 175+29		TO STA. 176+00	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN		
NO.	F017-1(2)	PLOTTED 04/11/85	
SURVEYED BY	BUSHEY	FEB 1985	
SHEET 323 OF 420 SHEETS		SHEET 323 OF 477	

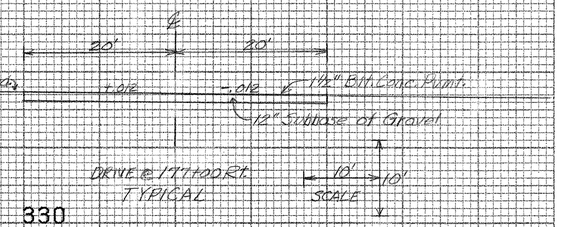
SCALE 10 FEET

N Pole
#120
+60

177+50 Lt.
Begin Special Ditch (To be paid as Common Excavation) Ends @ 180+00 Lt

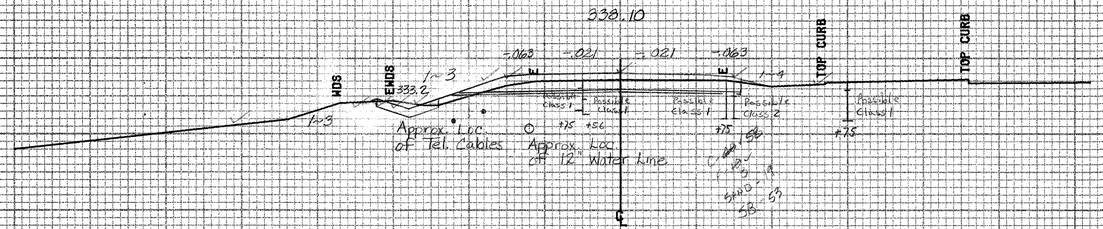


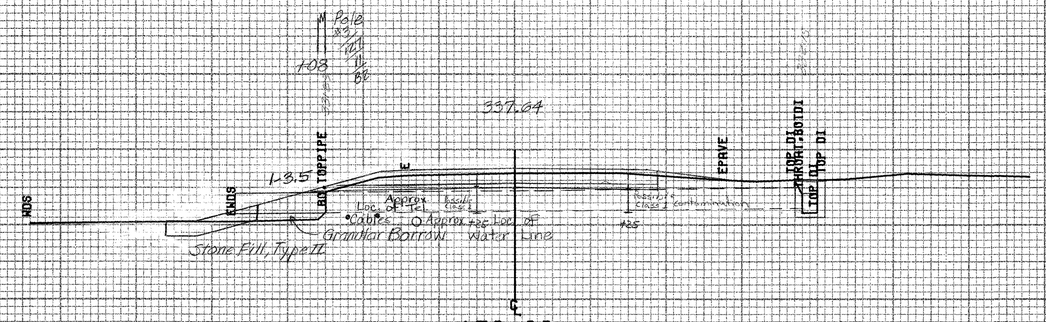




177+00 RT.
Construct Drive (Paved) (40' wide)

177+00 Lt.
End Special Ditch
w/ Stone Fill, Type I
(Begins @ 175+90 Lt.)



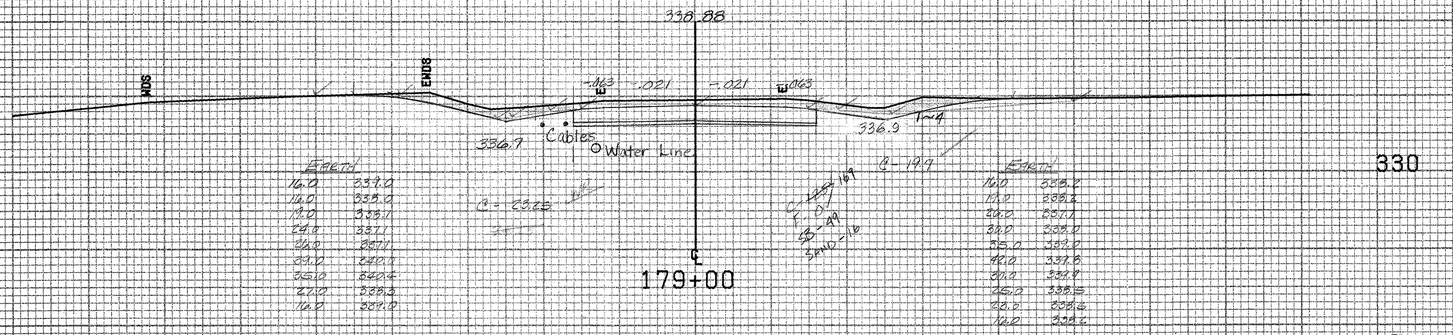


30" RCP Askew 58°-06' Rt.
Retain and Extend Outlet w/ New
30" x 12" RCP (Cl. III) & Type II Stone End

BRIDPORT MM 2.94 ~ MM 3.54

FROM STA.	176+08	TO STA.	177+50
PROJECT NAME		SHOREHAM-BRIDPORT-ADDISON MAIN	
NO.		F017-1(2)	PLOTTED 04/11/85
SURVEYED BY		BUSHEY	FEB 1985
SHEET 324 OF 420 SHEETS			Sheet 324 of 477

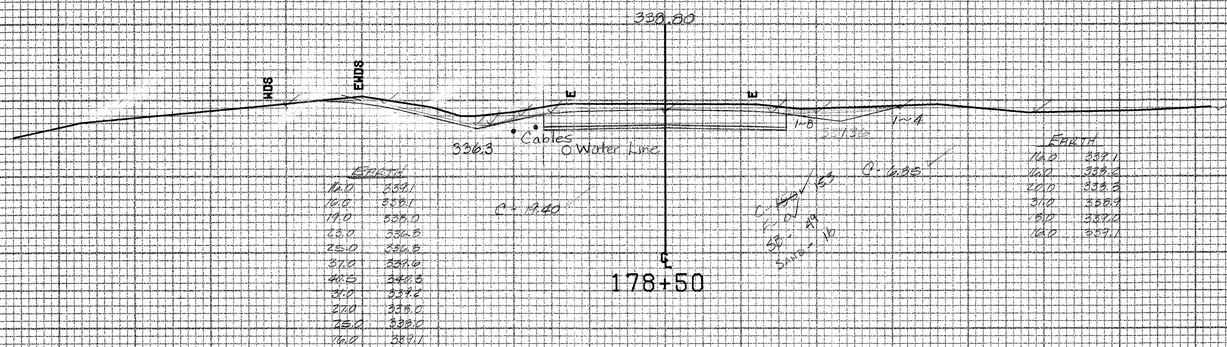
SCALE 10 FEET



EARTH	
16.0	339.0
16.0	338.0
19.0	338.1
24.0	337.1
26.0	337.1
29.0	340.0
35.0	340.4
27.0	338.3
16.0	339.0

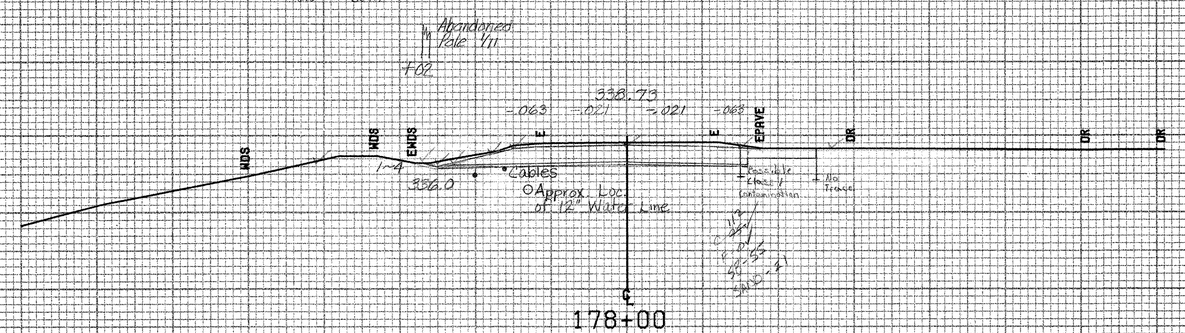
EARTH	
16.0	338.2
19.0	338.2
20.0	337.1
31.0	338.0
35.0	339.0
42.0	339.8
30.0	339.4
25.0	338.5
23.0	338.6
16.0	338.2

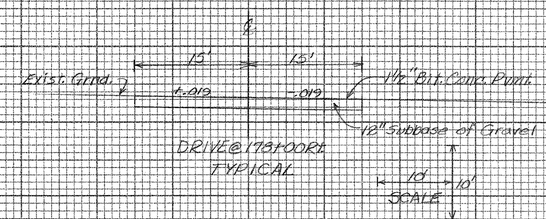
178+50 Rt.
Begin Special Ditch (Ends @ 181+42)
(To be paid as Common Excavation)



EARTH	
16.0	339.1
16.0	338.1
19.0	338.0
23.0	336.8
25.0	336.8
37.0	339.6
40.5	340.3
31.0	339.2
27.0	338.0
25.0	338.0
16.0	339.1

EARTH	
16.0	339.1
16.0	338.2
20.0	338.3
31.0	338.9
18.0	339.0
16.0	339.1



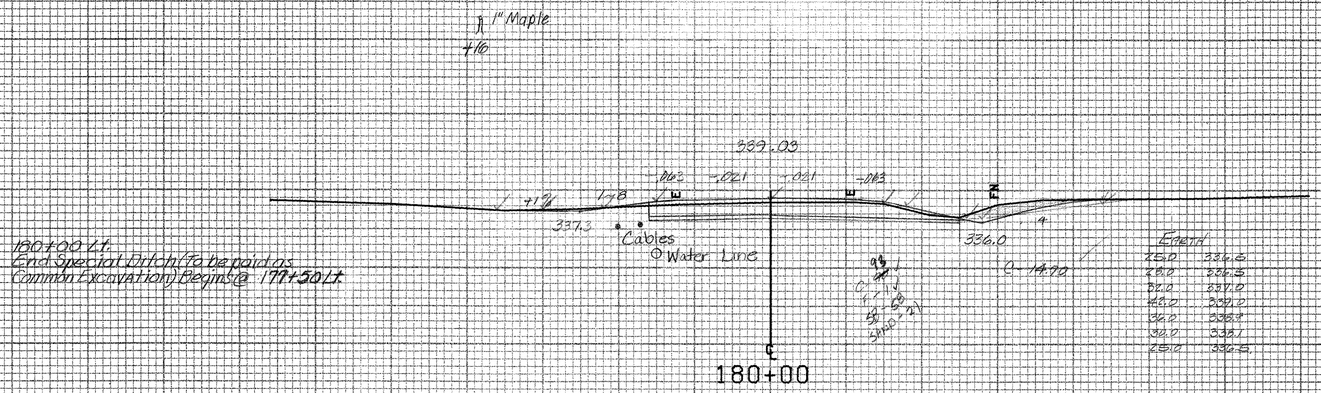


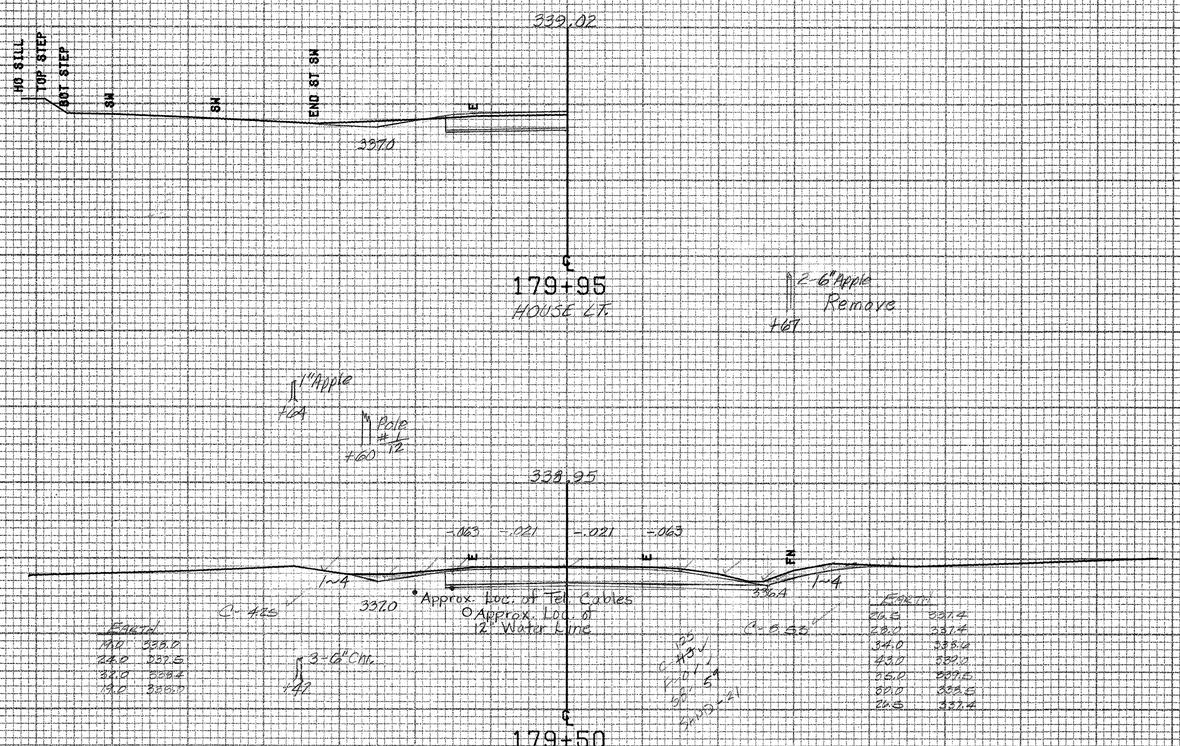
178+00 Rt.
Construct Drive (Paved) (30' wide)

BRIDPORT MM 2.94 ~ MM 3.54

FROM STA. 178+00		TO STA. 179+00	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN		
NO.	F017-1(2)	PLOTTED 04/11/85	
SURVEYED BY	BUSHEY	FEB 1985	
SHEET 325 OF 420	SHEETS	SHEET 325 OF 477	

SCALE 10 FEET

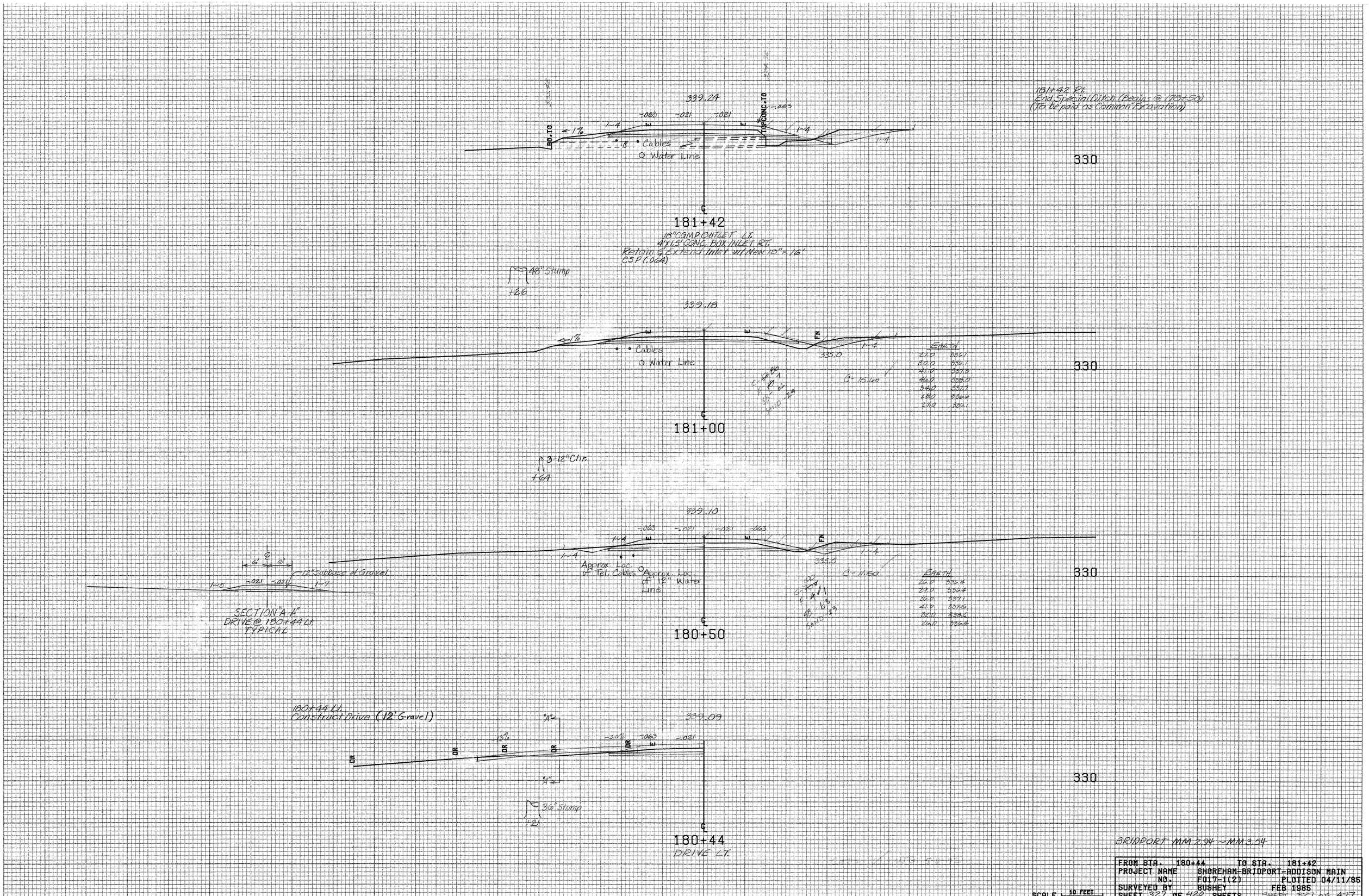




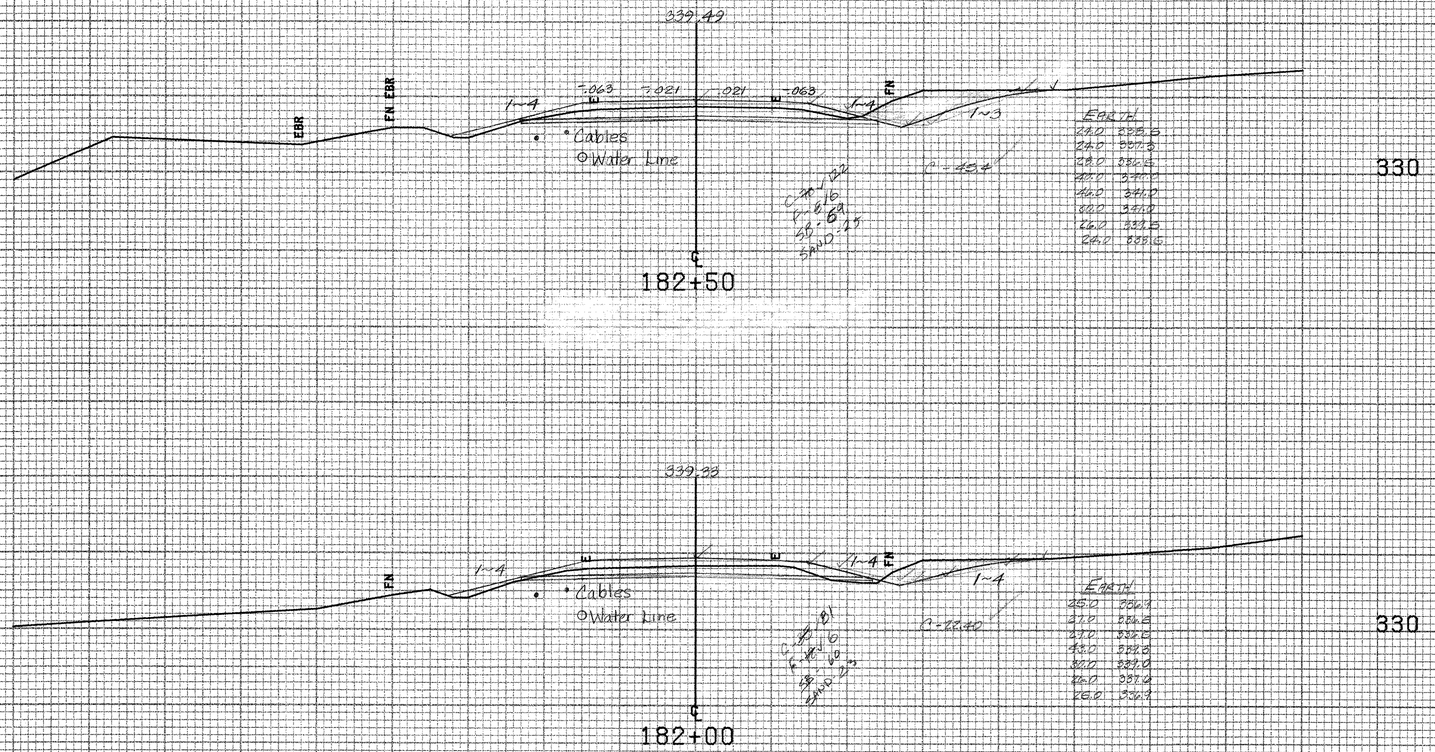
BRIDPORT MM 2.94 - MM 3.54

FROM STA.	179+50	TO STA.	180+00
PROJECT NAME		SHOREHAM-BRIDPORT-ADDISON MAIN	
NO.		FQ17-1(2)	PLOTTED 04/11/85
SURVEYED BY		BUSHEY	FEB 1985
SHEET 326 OF 420 SHEETS			SHEET 320 OF 477

SCALE 10 FEET



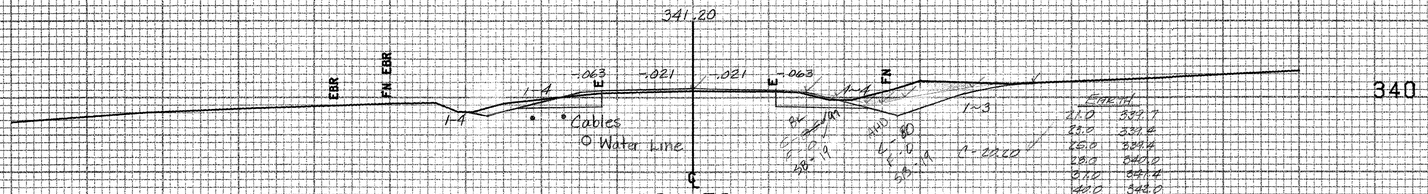
FROM STA. 180+44		TO STA. 181+42	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN		
NO.	F017-1(2)	PLOTTED 04/11/85	
SURVEYED BY	BUSHEY	FEB 1985	
SHEET 327 OF 420 SHEETS		SHEET 327 OF 477	



BRIDPORT MM 2.94 ~ MM 3.54

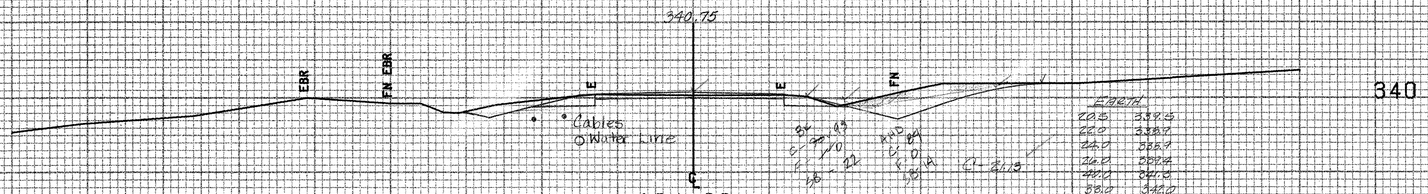
FROM STA. 181+50	TO STA. 182+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN
NO.	F017-1(2) PLOTTED 04/11/85
SURVEYED BY	BUSHEY FEB 1985
SHEET 328 OF 420 SHEETS	SHEET 328 of 477

SCALE 10 FEET



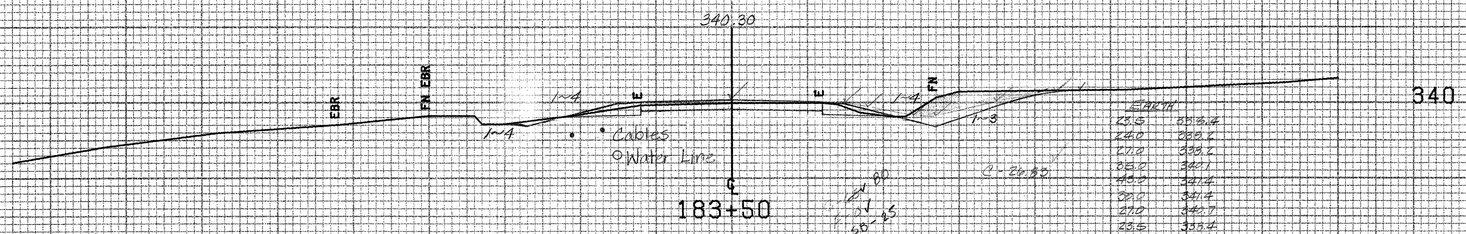
184+50

End Cold Planing - 4" Depth



184+00

End Excavation of B.T. Conc. Pav't.
(Paid under Common Excavation)
Begin Cold Planing - 4" Depth

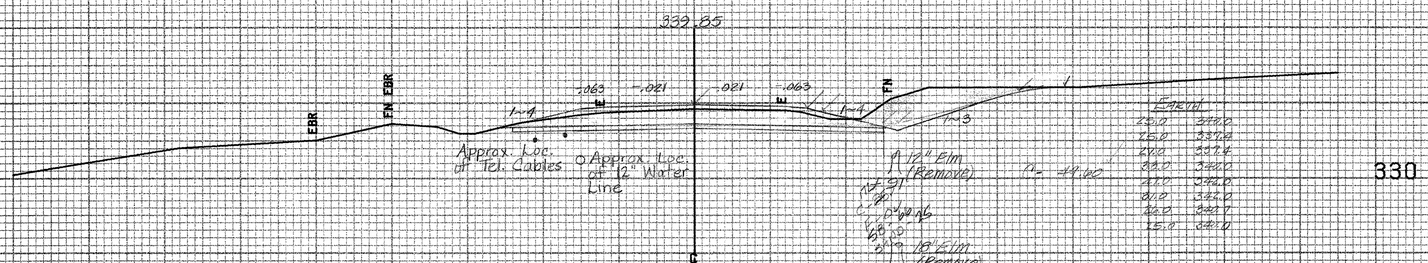


183+50

End Taper out of Full Depth Typical

183+13

End Sand Borrow



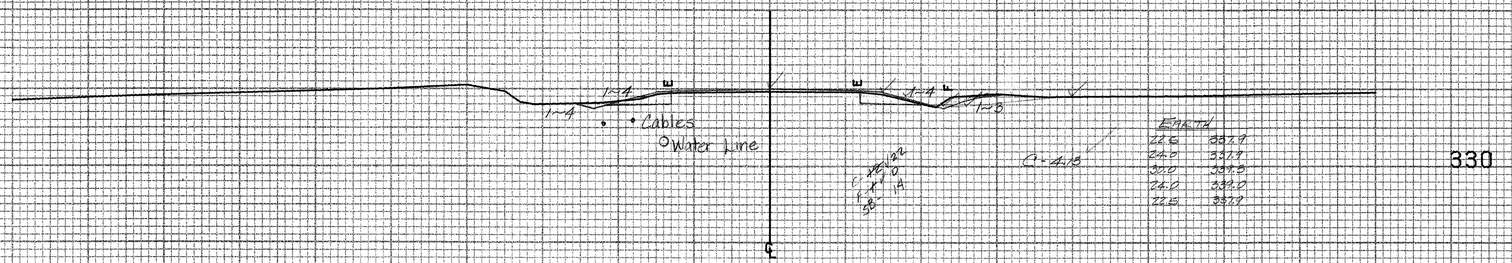
183+00

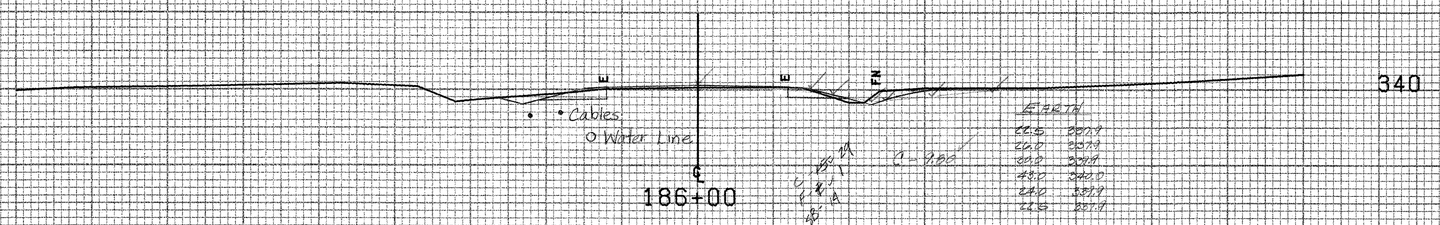
End Full Depth Typical
Begin Taper out of Full Depth Typical

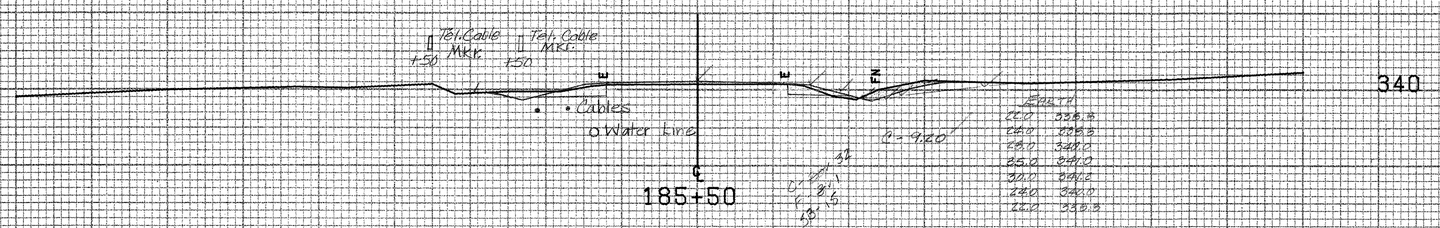
BRIDPORT MM 2.94 - MM 3.54

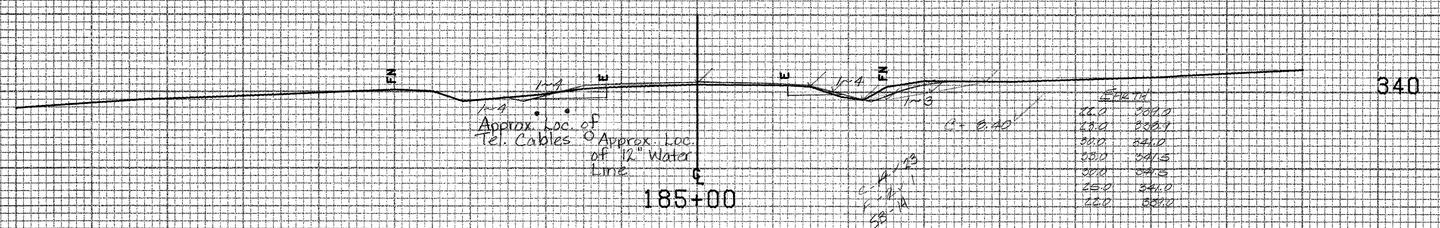
FROM STA.	183+00 TO STA. 184+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN
NO.	F017-1(2) PLOTTED 04/11/85
SURVEYED BY	BUSHEY FEB 1985
SHEET 327 OF 460 SHEETS	SHEET 327 OF 477

SCALE 10 FEET









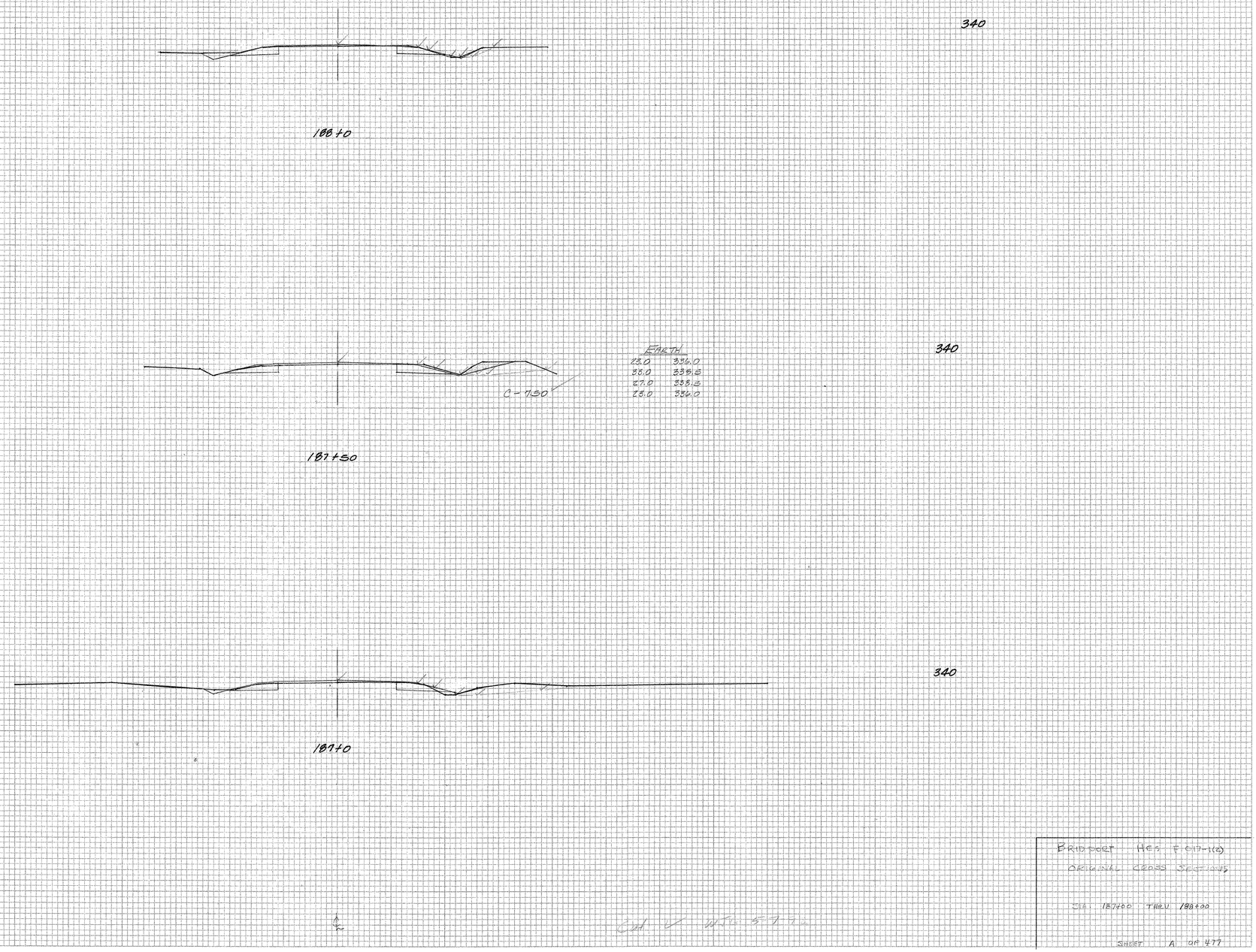
BRIDPORT MM 2.94 ~ MM 3.54

FROM STA.	185+00	TO STA.	186+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN		
NO.	F017-1(12)	PLOTTED	04/11/85
SURVEYED BY	BUSHEY	FEB 1985	
SHEET 330 OF 420 SHEETS		SHEET 330 OF 477	

SCALE 10 FEET

FINAL SURVEY		BY	DATE
NOTE BOOK No.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK No.	SURVEYED	Bonney, et al.	2/85
	PLOTTED	J. E. Kuhns	8-91
	TEMPLATE	J. E. Kuhns	8-91
	AREAS		
	AREAS CHECKED		



BRIDPORT HES F 017-1(2)

ORIGINAL CROSS SECTIONS

STA. 187+00 THRU 188+00

SHEET A OF 477

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

330 A

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
No.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED	BUSHEY ET AL.	2-85
No.	PLOTTED	J.F. KUNZ	8-91
	TEMPLATE	J.F. KUNZ	8-91
	AREAS		
	AREAS CHECKED		

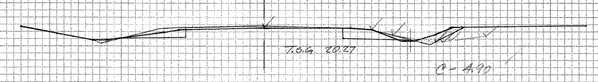


190+0

EARTH	
20.27	329.4
23.0	329.0
24.5	329.0
25.0	330.9
25.0	330.3
22.0	329.4
20.27	329.4

5.67

330

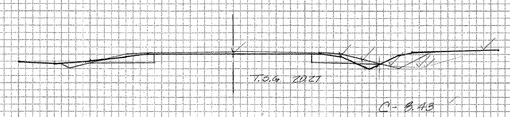


189+50

EARTH	
22.0	331.0
24.0	330.5
25.0	332.7
26.0	332.7
22.0	331.0

4.90

330

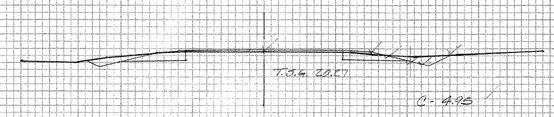


189+0

EARTH	
20.27	332.8
22.0	332.1
23.7	332.1
25.0	334.3
25.0	334.2
23.0	333.9
20.27	332.8

8.43

330



188+50

EARTH	
20.27	335.0
20.27	334.2
23.0	333.7
26.0	335.1
20.27	335.0

4.95

330

BRIDGE AND ROAD
ORIGINAL CROSS SECTIONS

188+50 - 190+00

SHEET 8 OF 477

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

330 B

FINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE



EARTH	
20.27	324.9
24.0	324.0
27.0	325.9
26.0	324.8
20.27	324.9

3.19

192+00

330



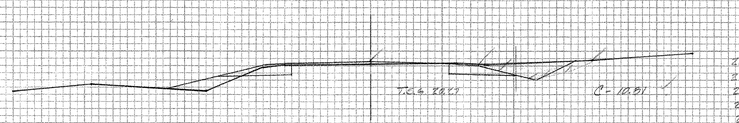
EARTH	
20.27	326.1
22.0	325.12
24.0	325.2
25.0	326.1
24.0	326.0
20.27	326.1

2.79

191+50

330

ORIGINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

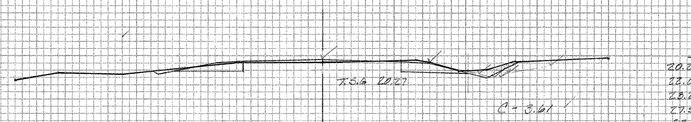


EARTH	
20.27	335.3
22.0	336.7
23.0	336.3
24.0	336.5
27.5	328.7
20.27	328.3

10.81

191+0

330



EARTH	
20.27	328.0
22.0	327.6
23.2	327.0
27.5	329.0
28.0	328.0
20.27	328.0

3.61

190+50

330

BRIDGE NO. FOR 12
ORIGINAL CROSS SECTIONS
190+50 - 192+00
SHEET C OF 4 PP

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

330 C

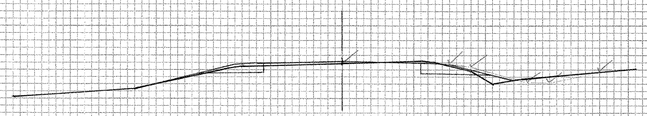
FINAL SURVEY		BY	DATE
NOTE BOOK No.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK No.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		



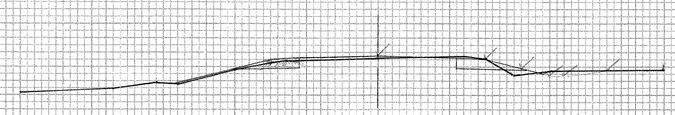
320

194+0



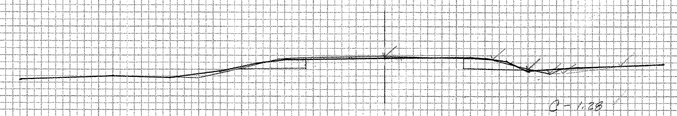
320

193+50



320

193+0



C - 1.28

EARTH

21.0	324.0
24.0	323.5
25.5	324.1
21.0	324.0

1.28

320

192+50

BRIDPORT HES F017-1(2)

ORIGINAL SECTIONS

192+50 - 194+00

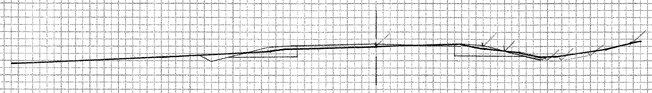
SHEET D OF 477

℄

PLATE 3 CROSS SECTION O. P. R. & R. K. STANDARD
DIETZGEN CORPORATION

330 D

FINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TRACED
AREAS
AREAS CHECKED
BY
DATE



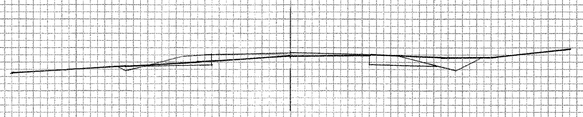
196+00

320



195+50

320



195+00

320



194+50

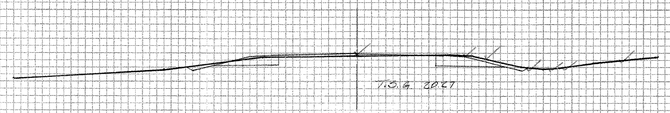
320

℄

BAIDROAT HES FOM-1(2)
ORIGINAL SECTIONS
194+50 – 196+00
SHEET E OF 477

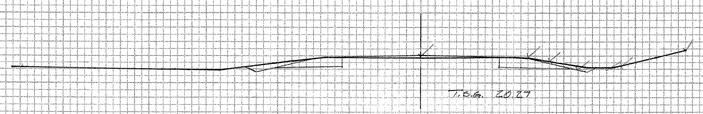
FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED		
No.			

320



197+0

320



196+50

320

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED		
No.			

BRIDPORT HES F017-1(2)

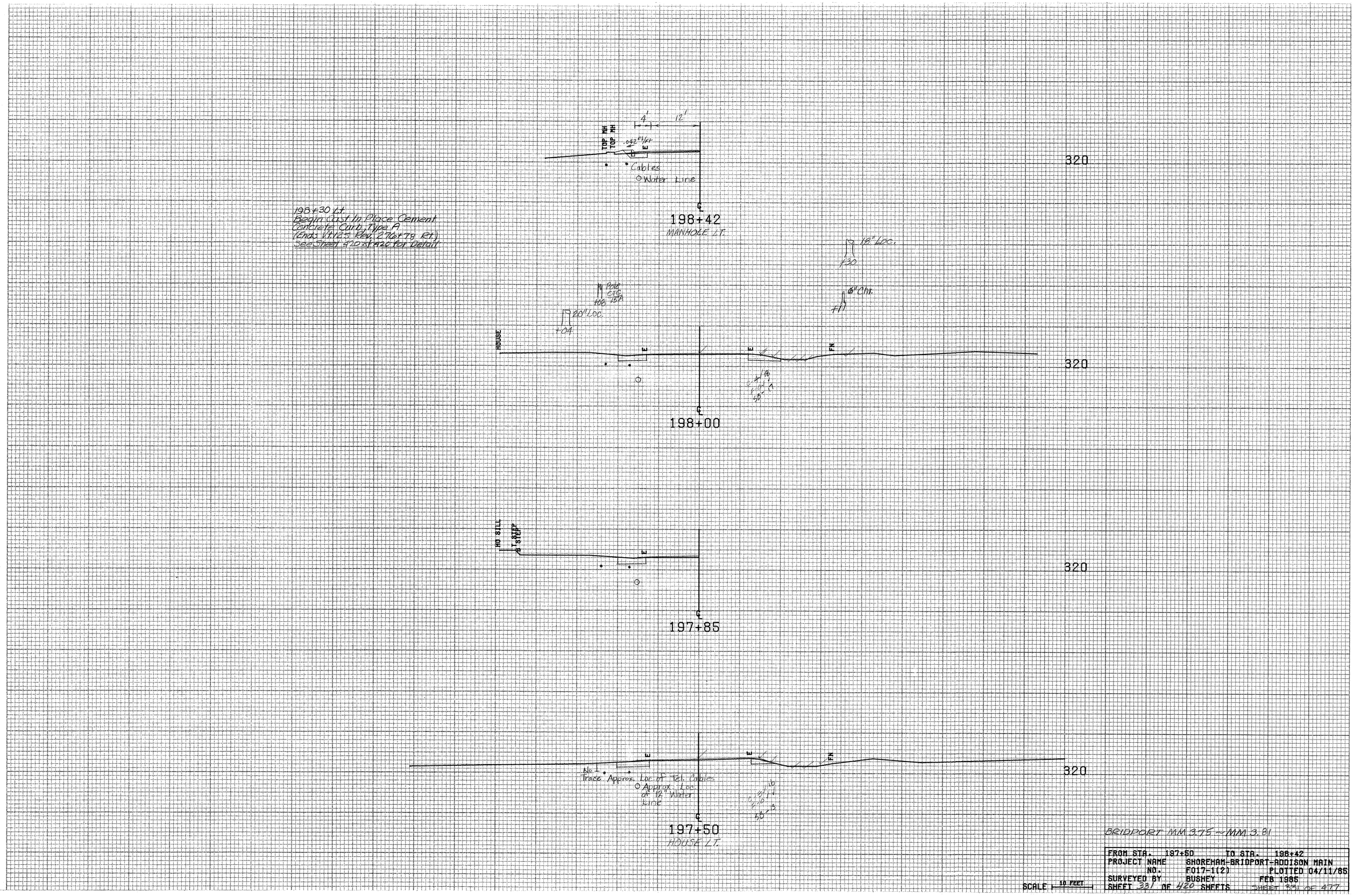
ORIGINAL SECTIONS

196+50 - 197+50

SHEET F OF 477

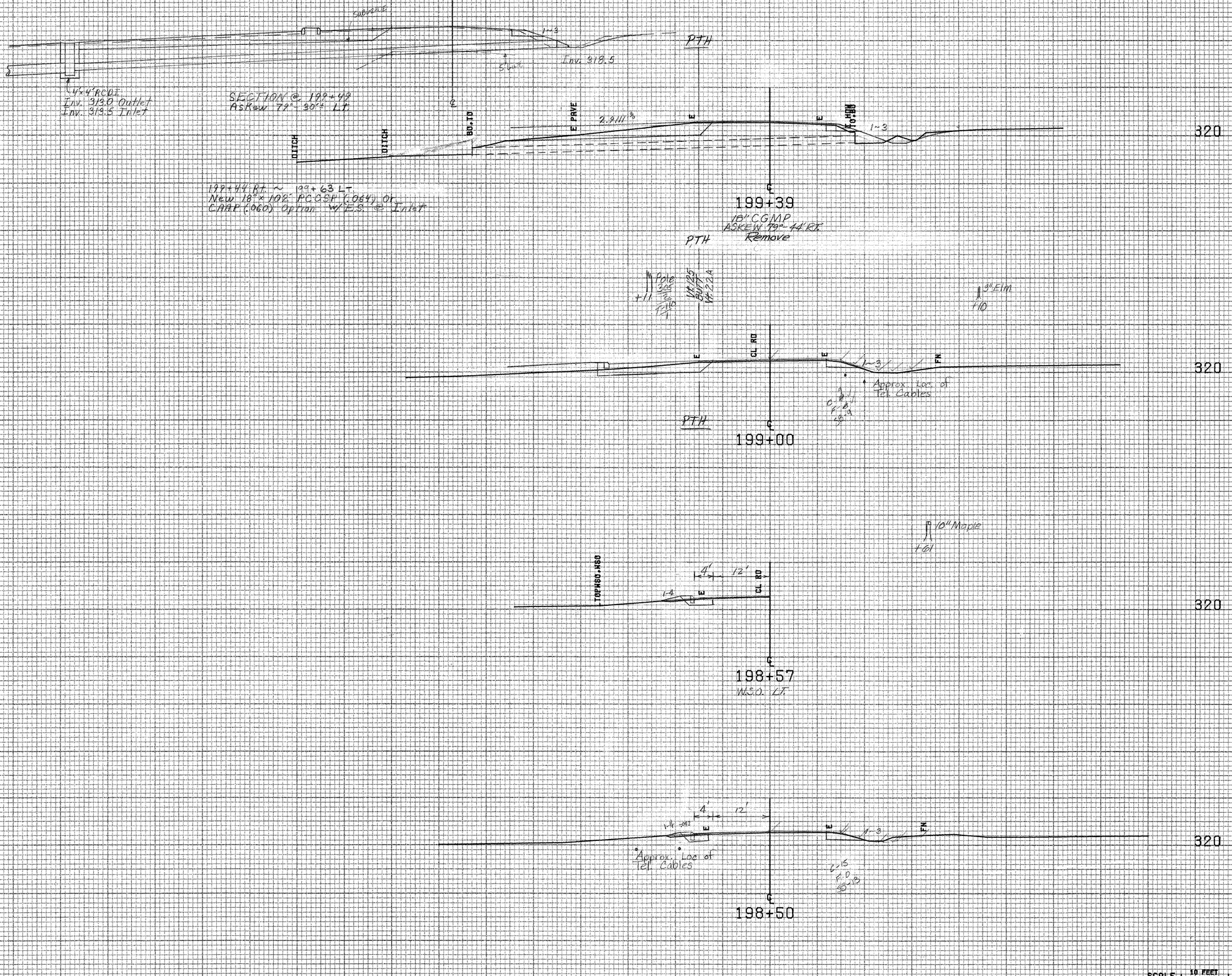
PLATE 3 CROSS SECTION O. P. R. & R. K. STANDARD
DIETZGEN CORPORATION

330F



BRIDPORT MM 3.75 ~ MM 3.81

FROM STA. 197+50		TO STA. 198+42	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN		
NO.	F017-1(2)	PLOTTED 04/11/85	
SURVEYED BY	BUSHEY	FEB 1985	
SHEET 331 OF 420 SHEETS		SHEET 331 OF 477	



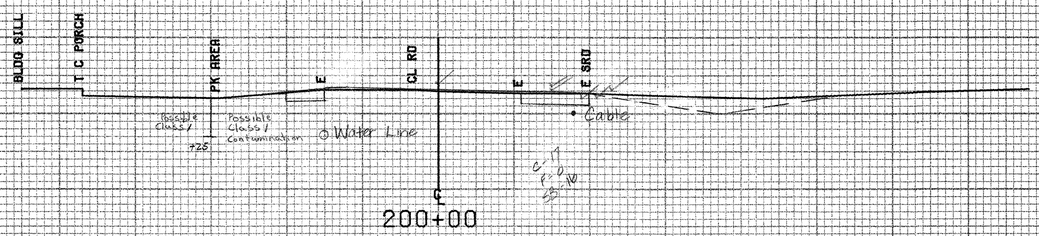
BRIDPORT MM 3.75 ~ MM 3.81

FROM STA.	198+50	TO STA.	199+39
PROJECT NAME		SHOREHAM-BRIDPORT-ADDISON MAIN	
NO.		F017-1(2)	PLOTTED 04/11/85
SURVEYED BY		BUSHEY	FEB 1985
SHEET 332 OF 429 SHEETS			Sheet 332 of 477

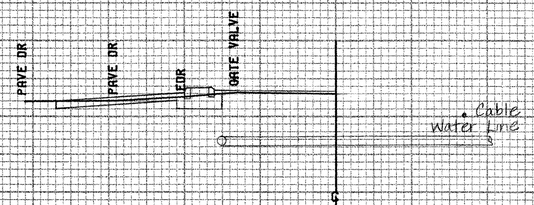
SCALE 10 FEET

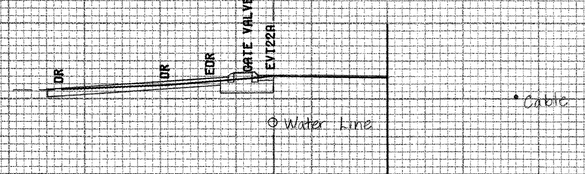
200+10 Lt.
Construct Drive (78' Paved)

200+00 ~ 201+50 Rt
Construct Special Ditch "Y" Erosion Matting



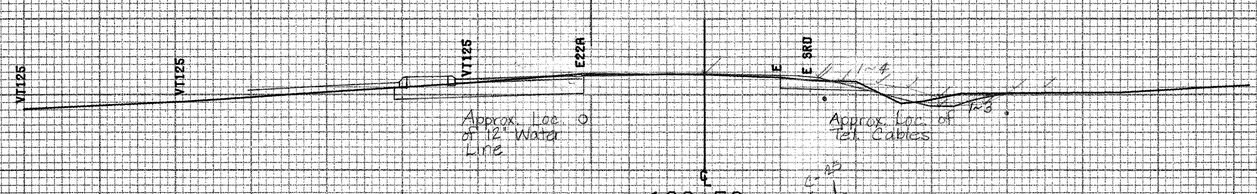
199+80± Rt TH #21





199+72 Lt.
End Cast In Place Cement Concrete Curb, Type A
(Begins VT 125 2 Rt at 95 Lt.)
See Sheet 420 of 420 for Detail

VT 125 Butt VT 22A

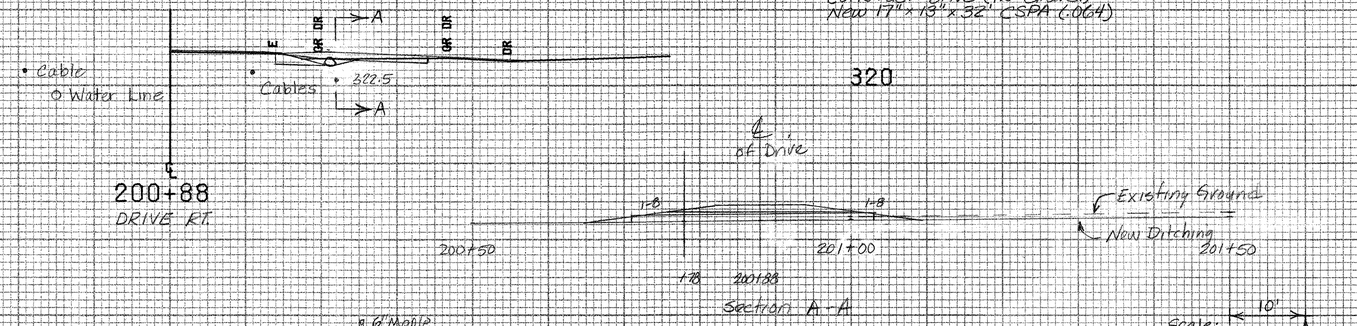


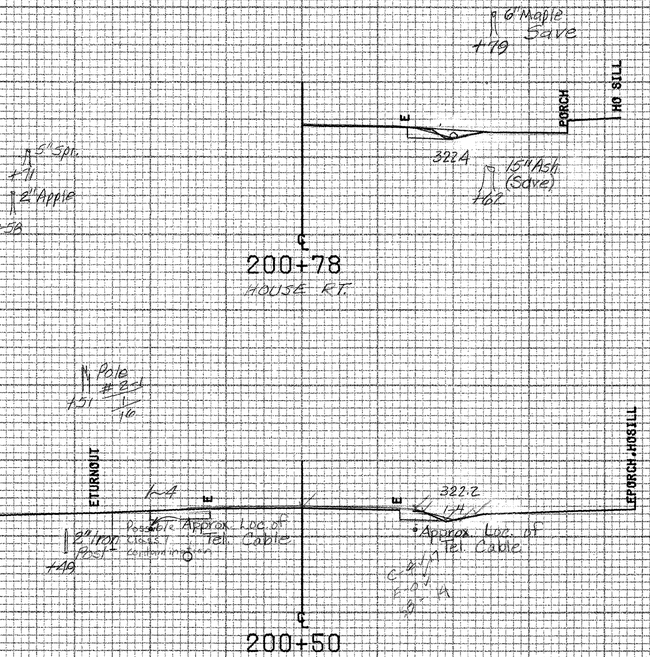
BRIDPORT MM 3.75 ~ MM 3.81

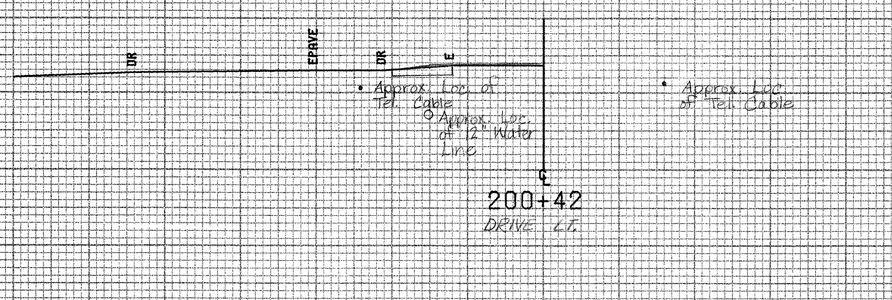
FROM STA.	199+50	TO STA.	200+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN		
NO.	F017-1(2)	PLOTTED	04/11/85
SURVEYED BY	BUSHEY		FEB 1985
SHEET 333 OF 420 SHEETS			SHEET 333 OF 477

SCALE 10 FEET

200+90 Rt
Existing 12"CGMP - Remove
Construct Drive (12' Gravel)
New 17"x13"x32' CSPA (.064)



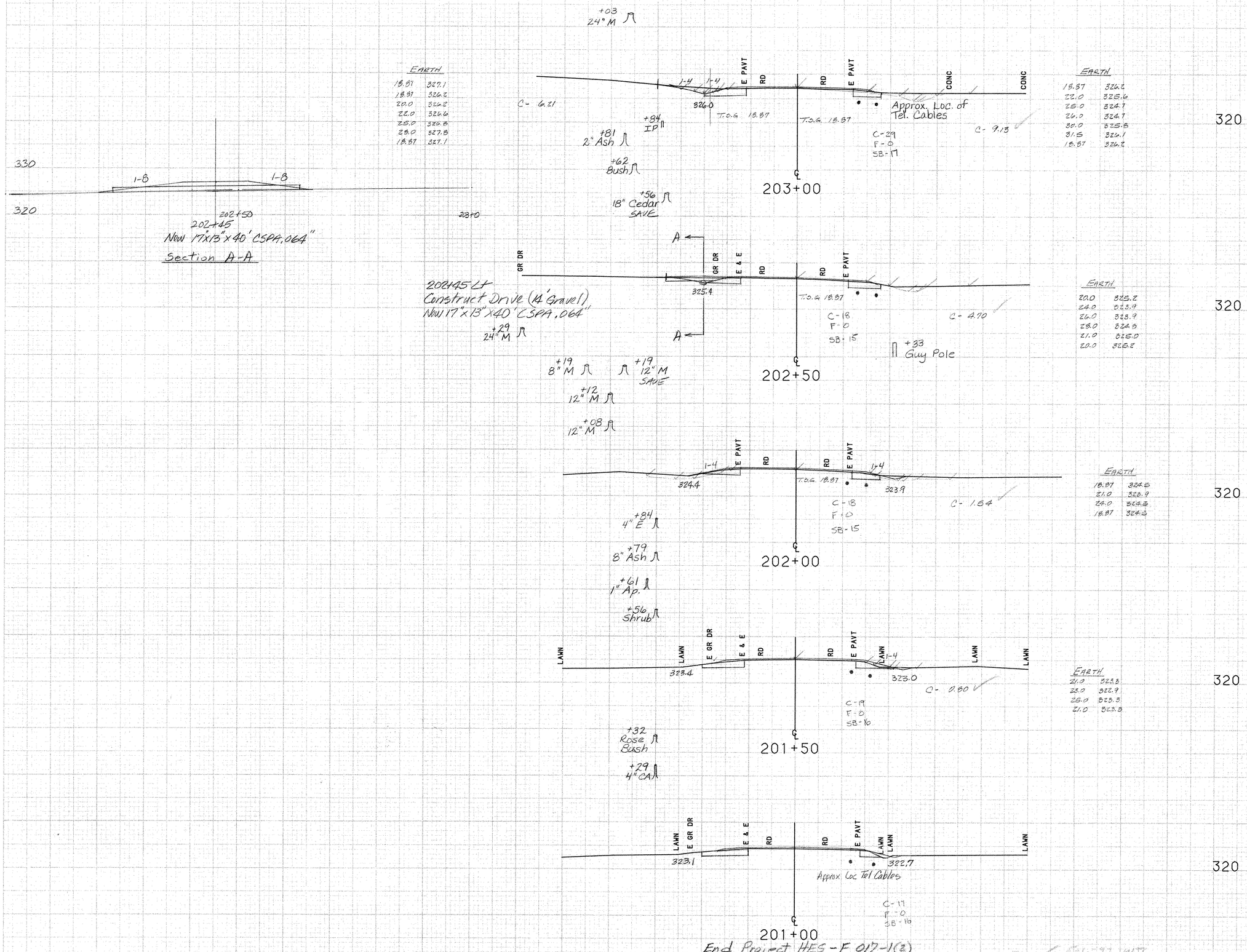




BRIDPORT MM 3.75 ~ MM 3.81

FROM STA.	200+42	TO STA.	200+88
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN		
NO.	F017-1(2)	PLOTTED	04/11/86
SURVEYED BY	BUSHEY		FEB 1986
SHEET 334 OF 420 SHEETS		SHEET 334 OF 477	

SCALE 10 FEET

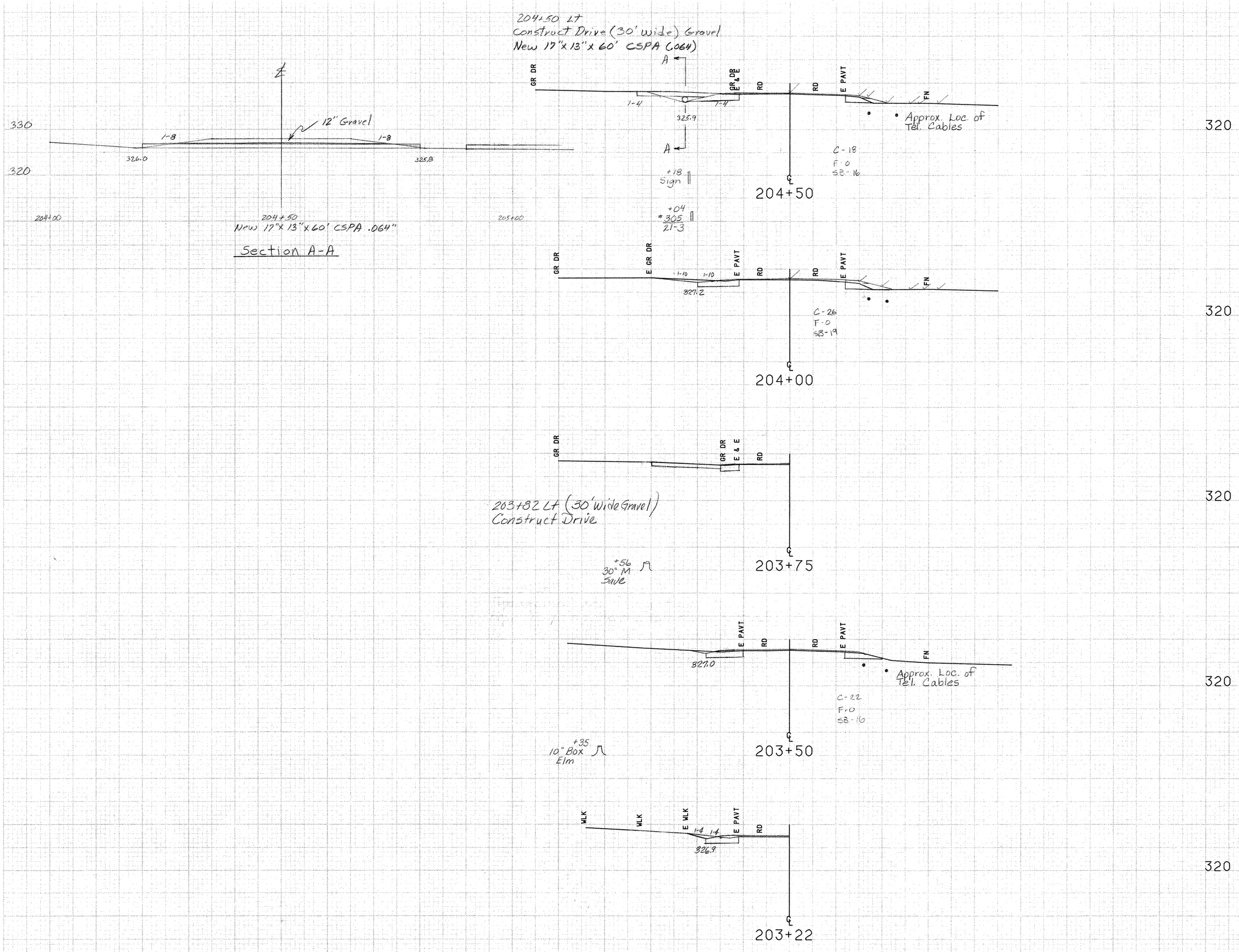


End Project HES-F 017-1(2)
Resume Project F017-1(2)

Bridport MM 3.82 ~ MM 3.86

SCALE 10 FEET

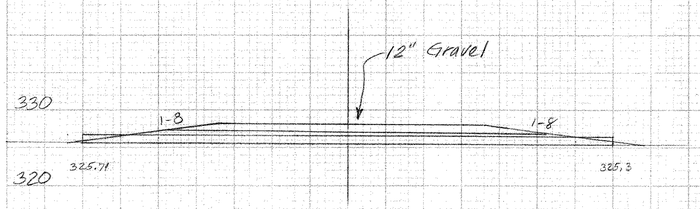
FROM STA. 201+00		TO STA. 203+00	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1 (2)	PLOTTED 05/27/88	
SURVEYED BY	MOREAU	05/88 0130	
SHEET 335 OF 420 SHEETS		SHEET 335 OF 477	



Bridport MM 3.86 ~ MM 4.06

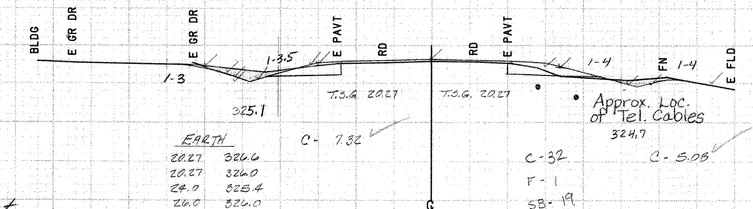
FROM STA. 203+22		TO STA. 204+50	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1 (2)	PLOTTED 05/27/88	
SURVEYED BY	MOREAU	05/88	0130
SHEET 336 OF 420 SHEETS		SHEET 336 OF 477	

SCALE 10 FEET



Now 17"x13"x70' CSPA .064"

Section A-A

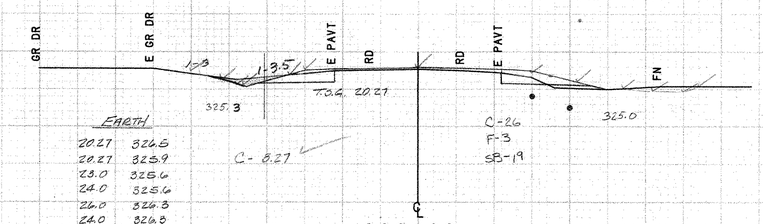


205+60 LT
Begin Special Ditch w/Erosion Matting

EARTH	
20.27	326.6
20.27	326.0
24.0	325.4
26.0	326.0
27.0	326.8
30.0	327.8
22.0	326.6
20.27	326.6

EARTH	
28.5	325.5
26.0	324.5
29.0	324.8
31.0	326.1
27.0	325.5
28.5	325.5

320



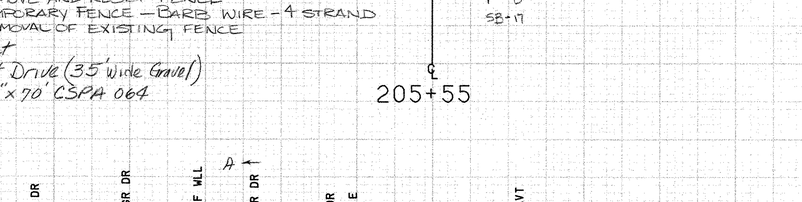
EARTH	
20.27	326.5
20.27	325.9
23.0	325.6
24.0	325.6
26.0	326.3
24.0	326.8
20.27	326.6

206+00 RT
Begin Special Ditch w/ Erosion Matting

320

206+25 RT
Begin Removing and Resetting Fence
Begin Temporary Barbed Wire Fence (4-Strand)
BEGIN REMOVAL OF EXISTING FENCE

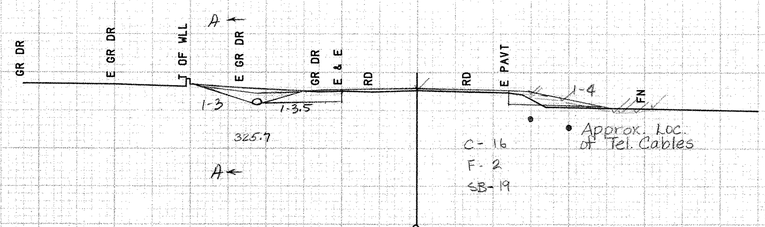
205+60 RT
Construct Drive (14' Wide gravel)



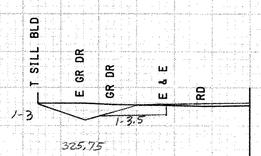
205+50 LT
BEGIN REMOVE AND RESET FENCE
BEGIN TEMPORARY FENCE — BARB WIRE - 4 STRAND
BEGIN REMOVAL OF EXISTING FENCE

205+25 LT
Construct Drive (35' Wide Gravel)
Now 17"x13"x70' CSPA 064

320



320

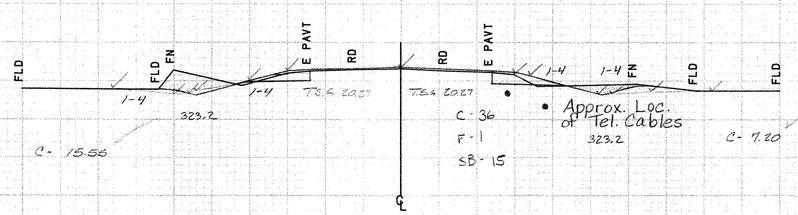


320

Bridport MM 3.86 ~ MM 4.06

FROM STA.	204+88 TO STA. 206+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON
NO.	F017-1(2) PLOTTED 05/27/88
SURVEYED BY	MOREAU 05/88 0130
SHEET 337 OF 420 SHEETS	SHEET 337 OF 477

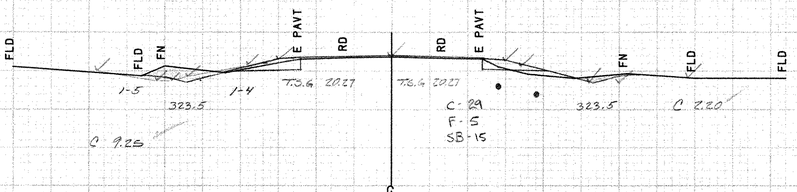
SCALE 10 FEET



EARTH	
22.0	324.6
27.0	323.7
25.0	323.3
32.0	324.0
30.0	324.4
22.0	324.6

EARTH	
22.0	324.4
26.0	323.2
25.0	323.2
31.0	324.6
22.0	324.4

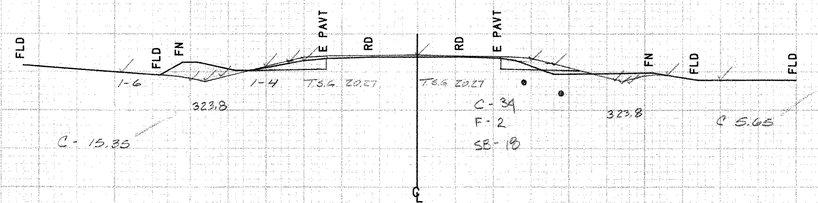
320



EARTH	
28.0	325.0
27.0	324.2
29.0	324.0
33.0	324.3
30.0	325.7
23.0	325.0

EARTH	
24.0	324.0
28.3	323.5
31.0	324.6
24.0	324.0

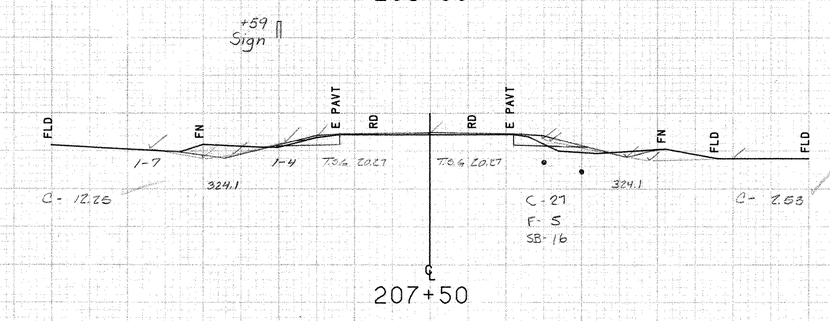
320



EARTH	
22.0	325.0
28.0	323.8
34.0	324.6
31.0	324.2
29.0	324.2
24.0	325.1
22.0	325.0

EARTH	
23.0	324.8
26.0	323.8
27.0	323.5
31.0	325.0
28.0	324.8

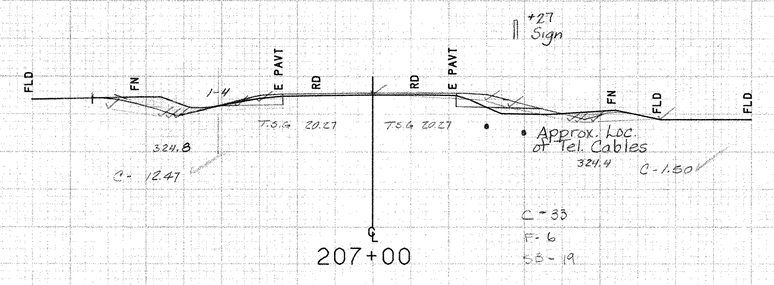
320



EARTH	
21.5	325.5
27.0	324.0
33.0	325.0
30.0	324.0
21.5	325.5

EARTH	
23.5	324.9
26.0	324.2
32.0	325.1
23.5	324.9

320



EARTH	
22.27	326.0
25.0	325.0
30.0	326.0
35.0	327.0
29.0	327.2
24.0	326.0
20.27	326.0

EARTH	
25.0	326.0
29.0	325.4
32.0	325.4
25.0	326.0

320

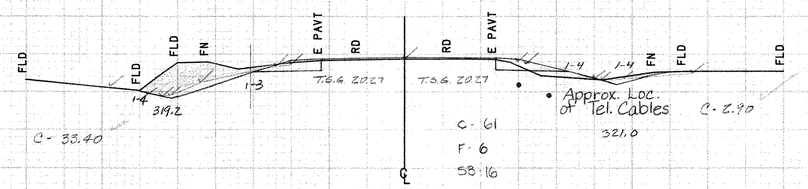
Bridport MM 3.86 ~ MM 4.06

FROM STA.	207+00 TO STA. 209+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON
NO.	F017-1(2) PLOTTED 05/27/88
SURVEYED BY	MOREAU 05/88 0130
SHEET 338 OF 426 SHEETS	SHEET 338 OF 477

SCALE 10 FEET

+91
Tel. Marker

EARTH	
20.27	322.5
27.0	321.1
31.0	319.5
32.0	319.5
35.0	320.1
30.0	324.0
26.0	324.0
22.0	323.0
20.27	323.2
20.27	322.5

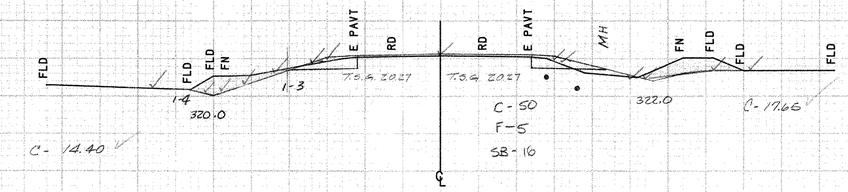


211+50

EARTH	
26.0	321.9
29.0	321.9
32.0	322.0
35.0	322.1
33.0	322.1
26.0	321.9

320

EARTH	
20.27	323.6
20.27	323.5
22.0	323.0
26.0	321.6
29.0	320.6
31.0	320.6
33.0	321.0
30.0	322.6
26.0	322.9
20.27	323.6

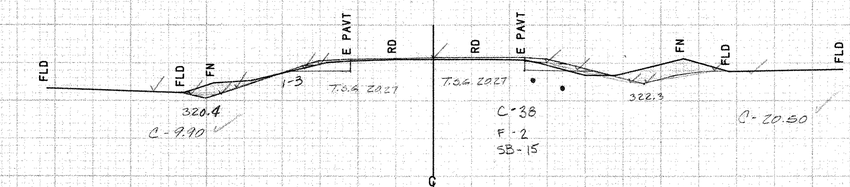


211+00

EARTH	
26.0	322.5
27.0	322.3
36.0	323.4
40.0	323.2
36.0	325.0
32.0	325.0
26.0	322.5

320

EARTH	
20.27	323.6
26.0	321.6
28.0	320.8
32.0	320.5
35.0	321.0
29.0	322.4
24.0	322.7
20.27	323.6

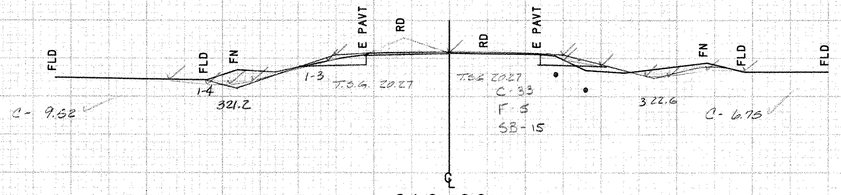


210+50

EARTH	
28.5	323.5
28.0	322.5
32.0	324.0
33.0	324.0
33.0	325.5
28.5	325.5

320

EARTH	
20.27	323.7
26.0	322.1
29.0	321.6
30.0	321.6
32.0	322.1
28.0	323.5
25.0	320.1
20.27	323.7

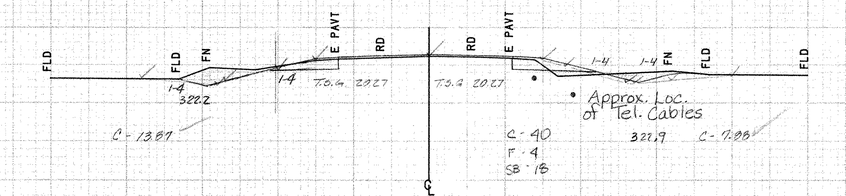


210+00

EARTH	
24.0	323.1
26.0	322.7
29.0	322.7
33.0	323.8
36.0	323.7
34.0	324.3
24.0	323.1

320

EARTH	
20.27	324.7
20.27	324.6
27.0	322.7
28.0	322.3
33.0	323.0
29.0	324.6
23.0	324.3
20.27	324.7



209+50

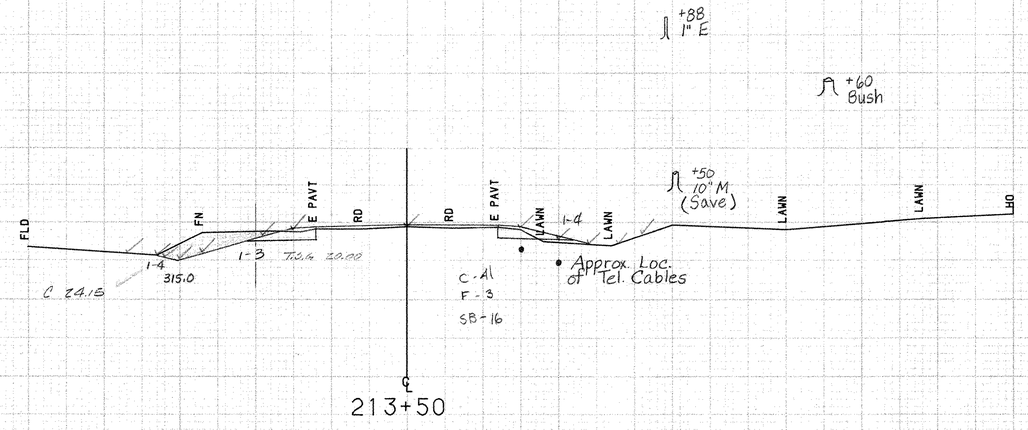
EARTH	
23.5	324.0
27.5	322.6
34.0	324.0
32.0	324.1
23.5	324.0

320

Bridport MM 3.86 ~ MM 4.06

SCALE 10 FEET

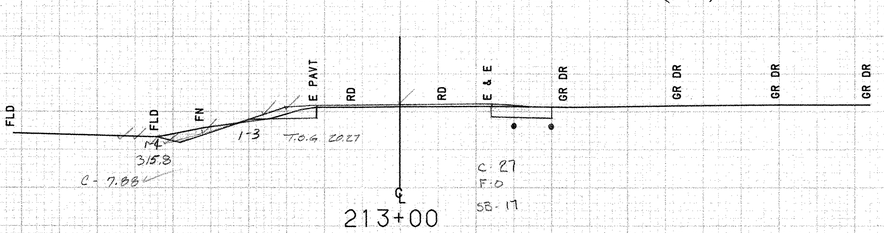
FROM STA.	209+50 TO STA. 211+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON
NO.	F017-1(2) PLOTTED 05/27/88
SURVEYED BY	MOREAU 05/88 0130
SHEET 339 OF 420 SHEETS	SHEET 339 OF 477



EARTH

20.0	318.9
20.0	317.5
27.0	316.1
30.0	315.2
32.0	315.2
33.0	315.6
27.0	316.7
20.0	318.9

310

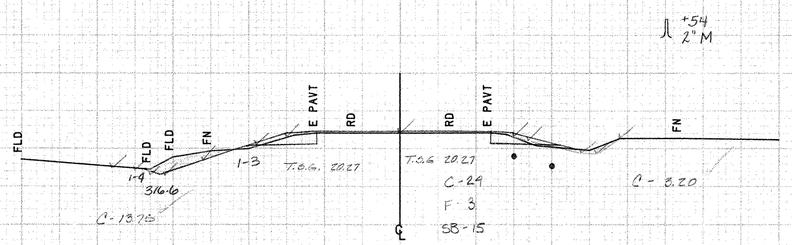


213+00 Rt
18" CMP - Retain

EARTH

21.5	317.5
26.0	317.1
29.0	315.9
32.0	316.8
26.0	318.0
21.5	317.5

320



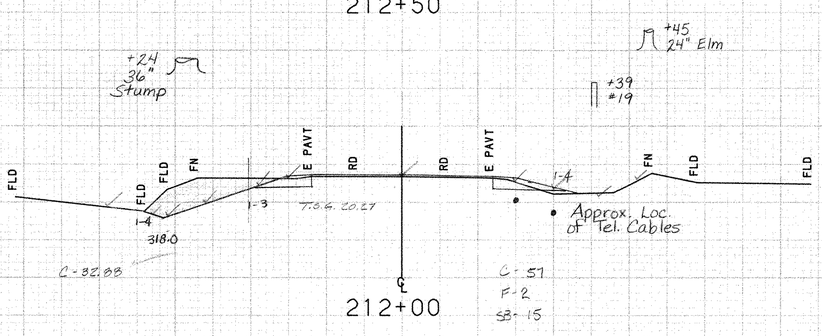
EARTH

22.0	319.9
26.0	318.2
32.0	316.7
34.0	317.2
30.0	319.0
25.0	319.7
22.0	319.9

EARTH

21.0	320.0
24.0	319.4
26.0	319.4
29.0	321.2
25.0	319.9
21.0	320.0

320



EARTH

20.27	323.1
22.27	322.6
26.0	319.9
31.0	318.4
33.0	318.4
34.0	319.0
31.0	321.8
27.0	323.1
20.27	323.1

212+00 Rt
End special Ditch
w/ Erosion Matting

320

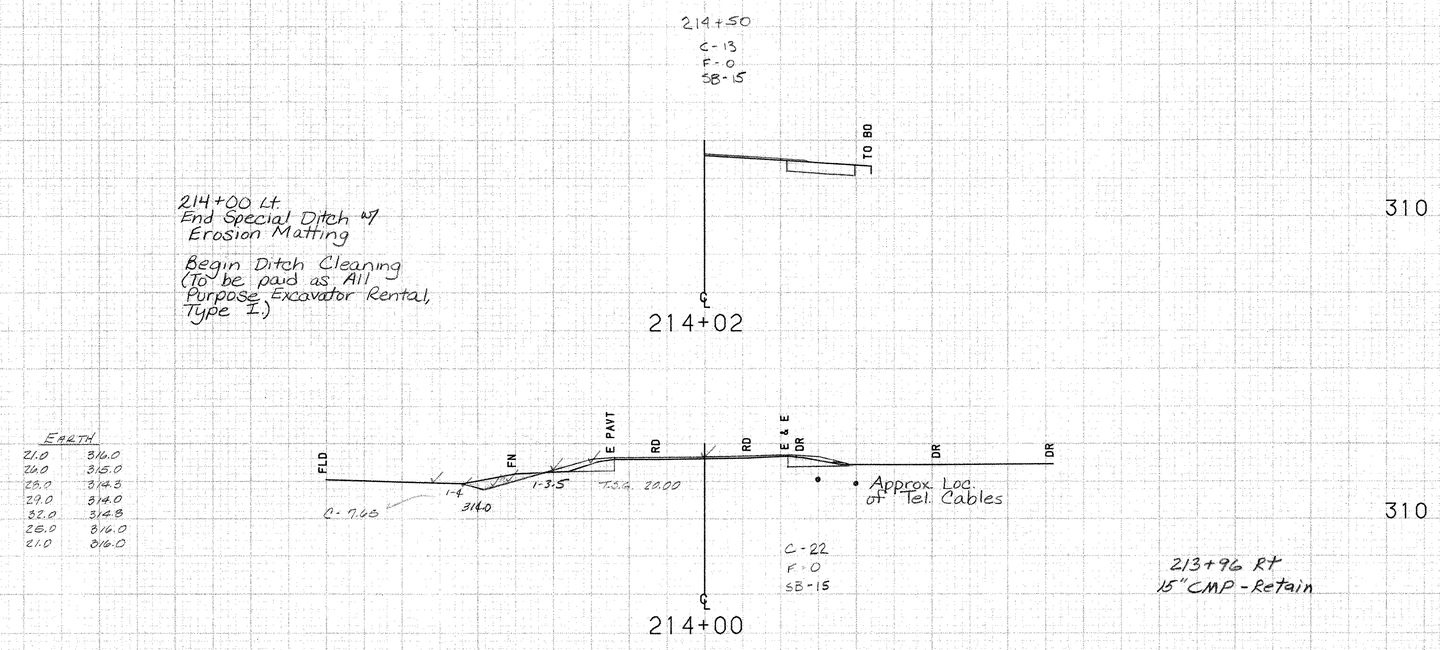
Begin Ditch Cleaning
(To be Paid as All
Purpose Excavator Rental
Type I,)

End Removing and Resetting Fence
End Temporary Barbed Wire Fence
(4-Strand)
END REMOVAL OF EXISTING FENCE

Bridport MM 3.86 ~ MM 4.06

SCALE 10 FEET

FROM STA.	212+00	TO STA.	213+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	05/27/88
SURVEYED BY	MOREAU		05/88 0130
SHEET 340 OF 420 SHEETS		SHEET 340 OF 477	



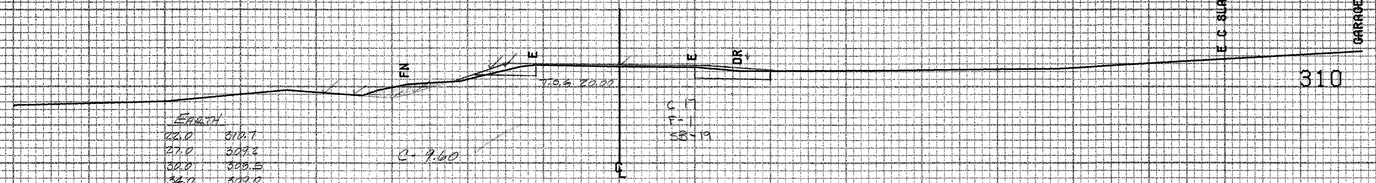
EARTH	
21.0	316.0
26.0	315.0
28.0	314.3
29.0	314.0
32.0	314.8
25.0	316.0
21.0	316.0

Bridport MM 3.86 ~ MM 4.06

FROM STA. 214+00		TO STA. 214+02	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED 05/27/88	
SURVEYED BY	MOREAU	05/88	0130
SHEET 341 OF 420 SHEETS		SHEET 341 OF 477	

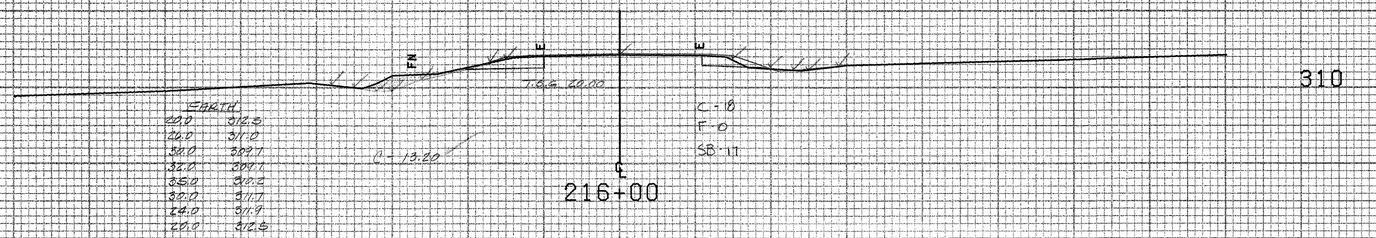
SCALE 10 FEET

216+52 Rt
12" CMP - Remove
New 15" x 42' CSP (.064) OR
RCP CL III

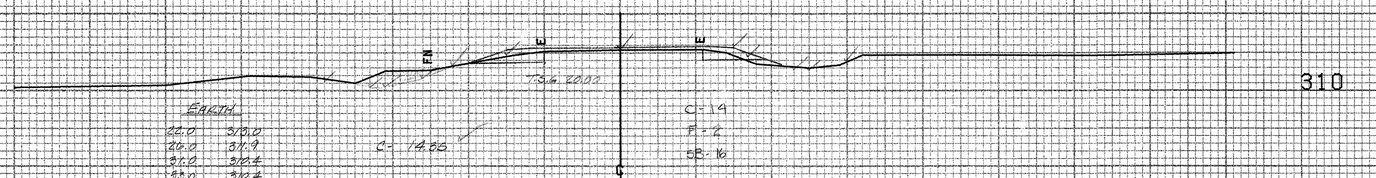


Earth	
22.0	310.7
27.0	309.2
32.0	308.5
34.0	307.0
32.0	309.6
28.0	310.2
22.0	310.7

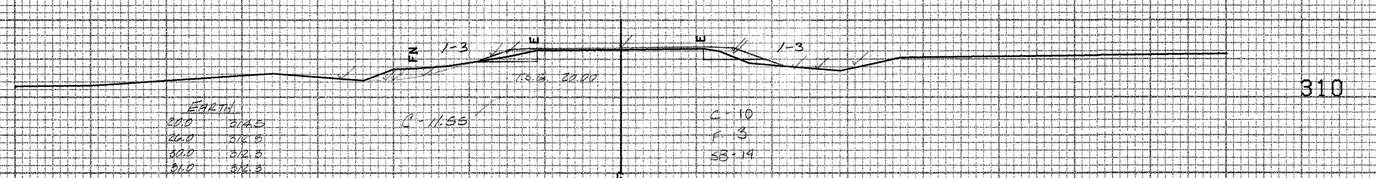
216+30 Rt:
End Ditch Cleaning
(To be Paid as All Purpose Excavator Rental, Type I)



Earth	
20.0	312.5
26.0	311.0
30.0	309.7
32.0	309.1
35.0	310.2
32.0	311.7
24.0	311.9
20.0	312.5



Earth	
22.0	315.0
26.0	311.9
31.0	310.4
33.0	310.2
35.0	311.0
31.0	312.0
25.0	312.3
22.0	313.0



Earth	
20.0	314.5
26.0	312.5
30.0	312.5
31.0	312.3
34.0	312.1
32.0	313.6
25.0	314.0
20.0	314.5

Bridport MM 4.06 - 4.24

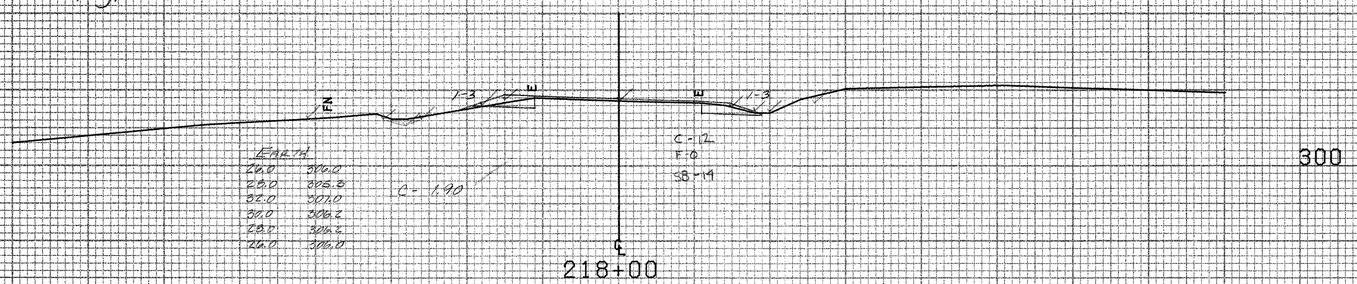
FROM STA.	215+00 TO STA. 216+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN
NO.	F017-1(2) PLOTTED 04/11/85
SURVEYED BY	BUSHEY FEB 1985
SHEET 342 OF 420 SHEETS	SHEET 342 OF 477

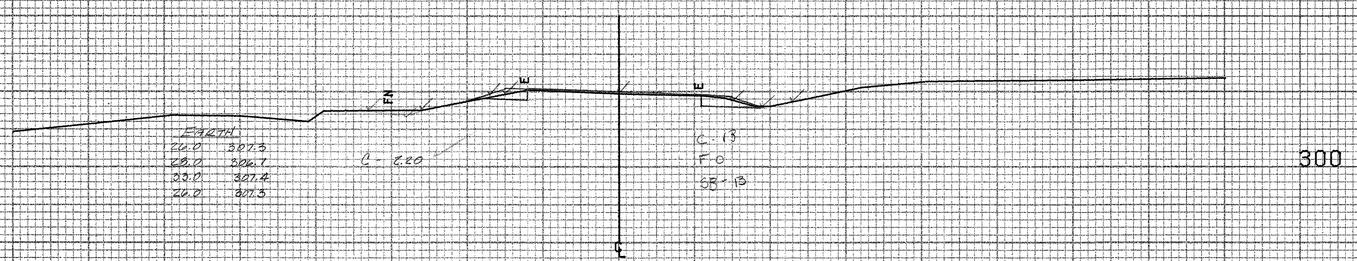
SCALE 10 FEET

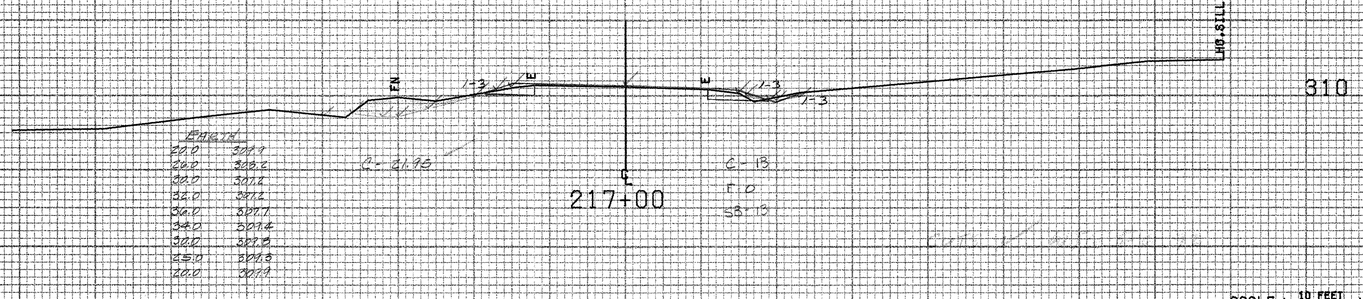
218+10 Lt.
End Removing and
Resetting Fence

End Temporary Barbed Wire Fence (4-Strand)
END REMOVAL OF EXISTING FENCE

218+00 Lt.
End Ditch Cleaning
(To be paid as All
Purpose Excavator
Rental, Type I)



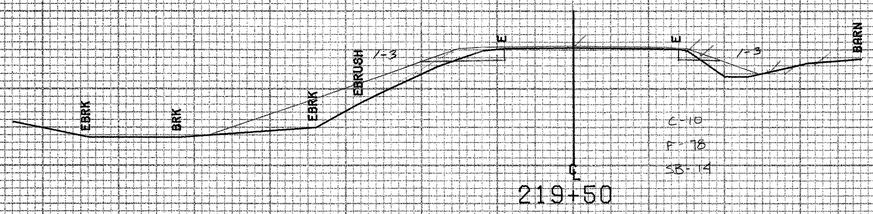




Bridport MM 4.06 - 4.24

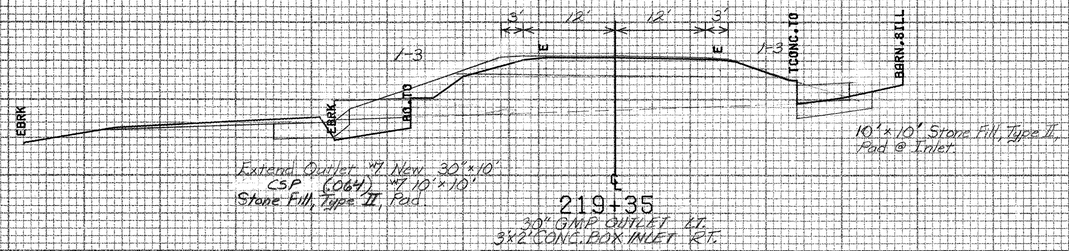
SCALE 10 FEET

FROM STA. 217+00	TO STA. 218+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN
NO.	F017-1(2) PLOTTED 04/11/85
SURVEYED BY	BUSHEY FEB 1985
SHEET 343 OF 429 SHEETS	SHEET 343 OF 477



219+50

300



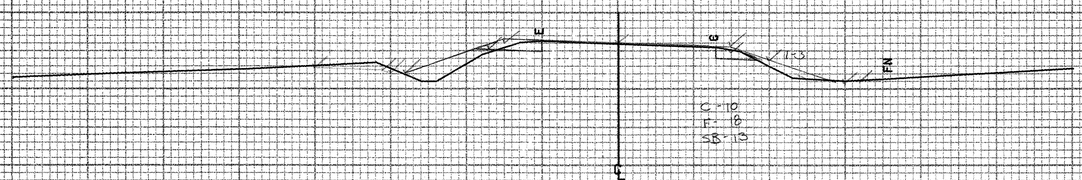
Extend Outlet #1 New 30"x10" CSP (.064) w/ 10'x10' Stone Fill, Type II, Pad.

10'x10' Stone Fill, Type II, Pad @ Inlet

219+35

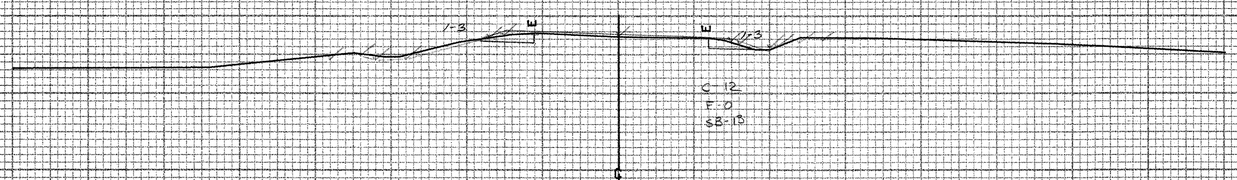
30" GMP OUTLET LT.
3X2' CONC. BOX INLET RT.

300



219+00

300



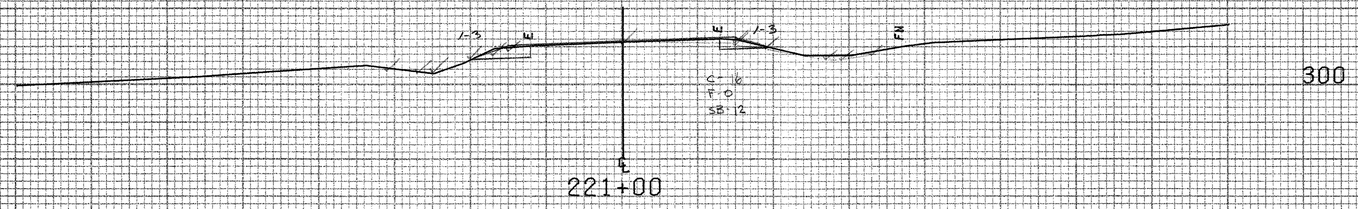
218+50

300

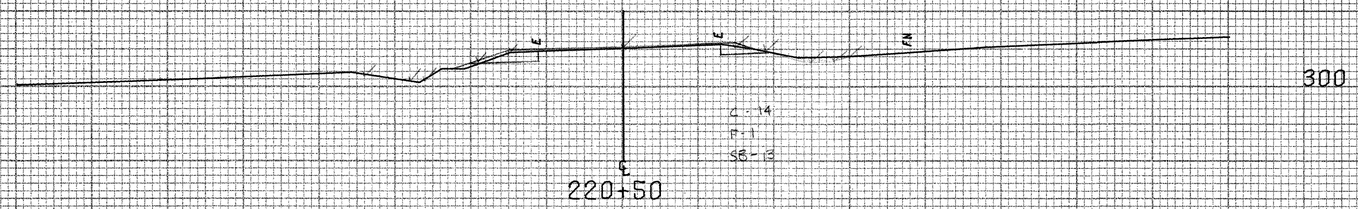
Bridport MM 4.06 ~ 4.24

FROM STA.	218+50	TO STA.	219+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN		
NO.	F017-1(2)	PLOTTED	04/11/85
SURVEYED BY	BUSHEY		FEB 1985
SHEET 344 OF 420 SHEETS		SHEET 344 OF 477	

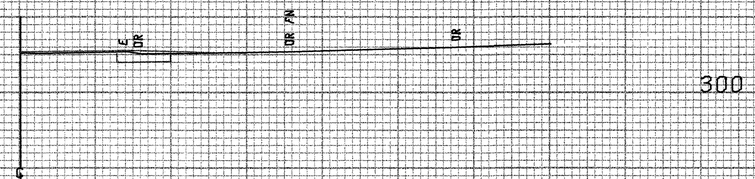
SCALE 10 FEET



221+00

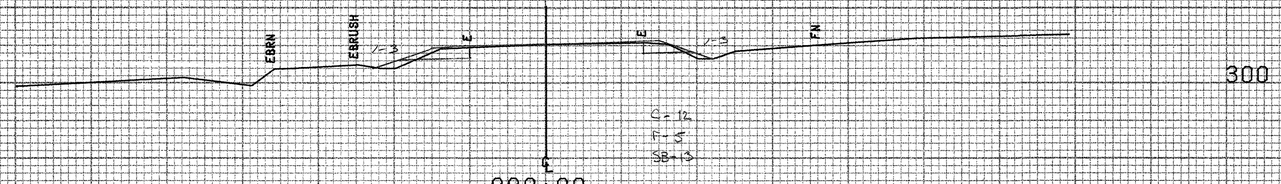


220+50



220+30

DRIVE RT.

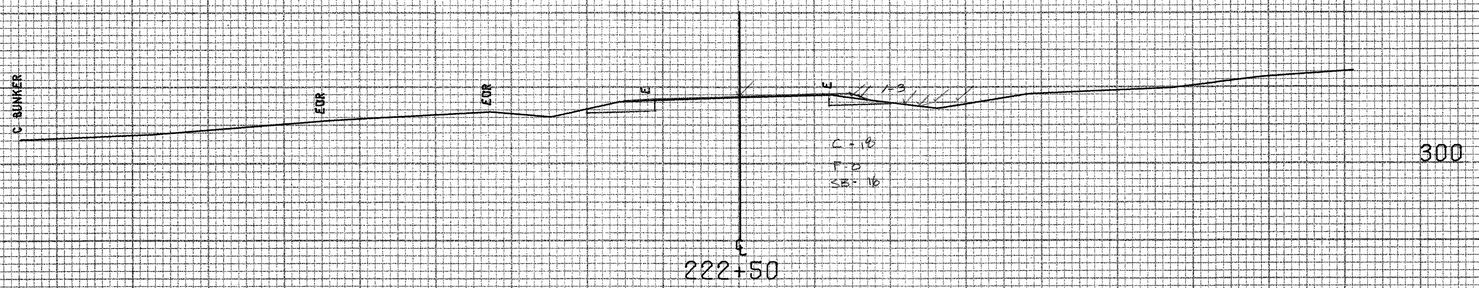


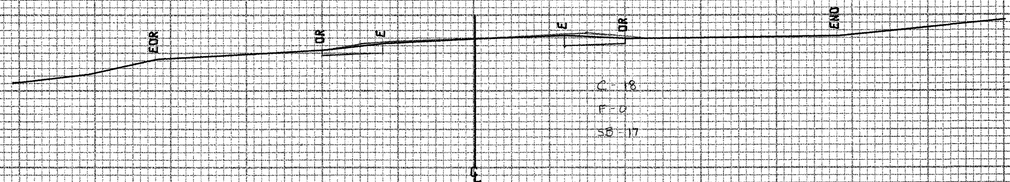
220+00

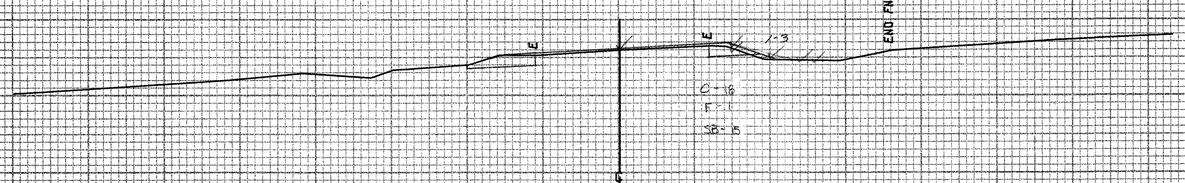
Bridport MM 4.06 - 4.24

FROM STA.	220+00	TO STA.	221+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN		
NO.	F017-1(2)	PLOTTED	04/11/85
SURVEYED BY	BUSHEY		FEB 1985
SHEET 345 OF 420 SHEETS			SHEET 345 OF 477

SCALE | 10 FEET |



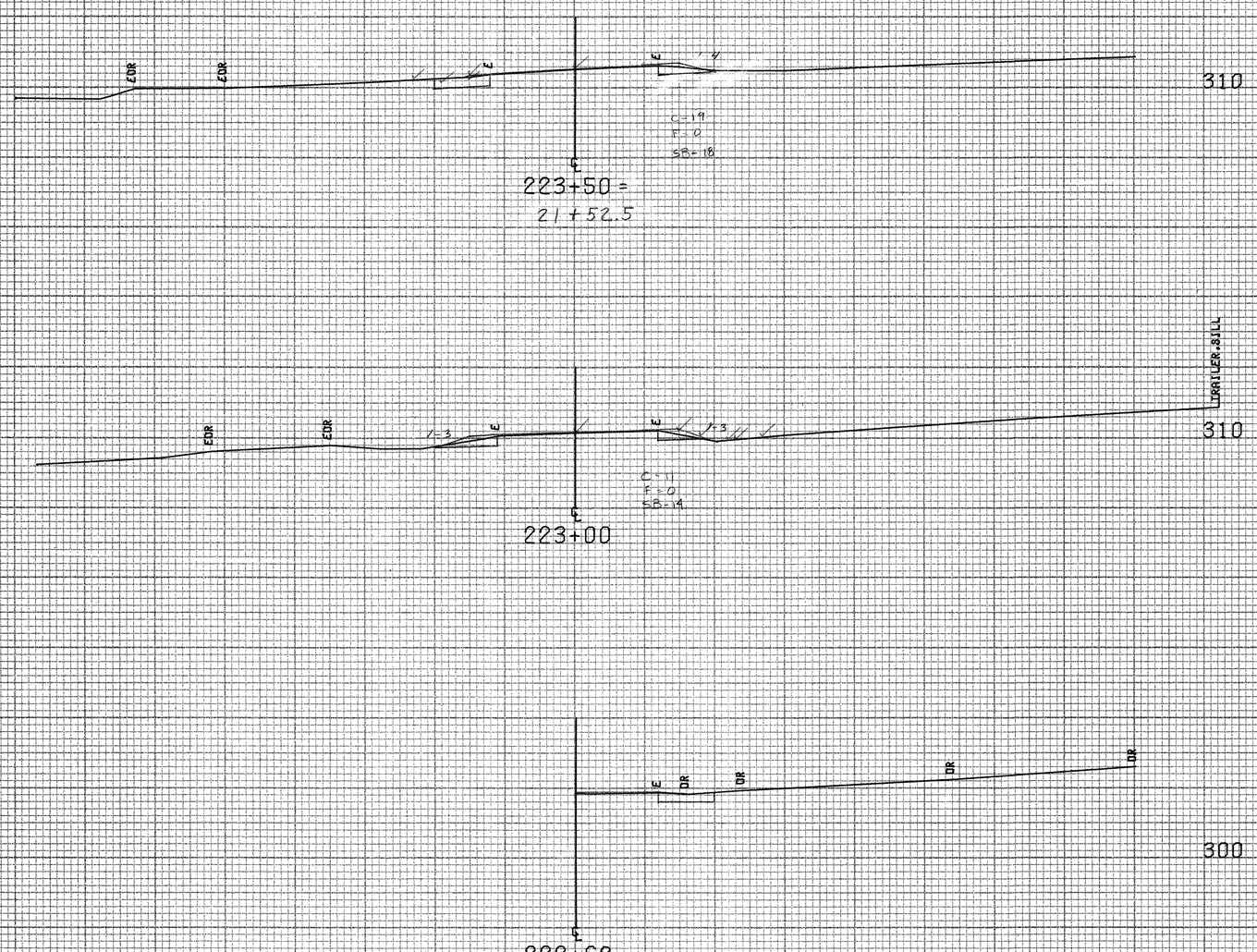




Bridport MM 7.06 - 11.24

FROM STA.	221+50	TO STA.	222+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN		
NO.	F017-1(2)	PLOTTED	04/11/85
SURVEYED BY	BUSHEY		FEB 1985
SHEET 346 OF 480 SHEETS			SHEET 346 OF 477

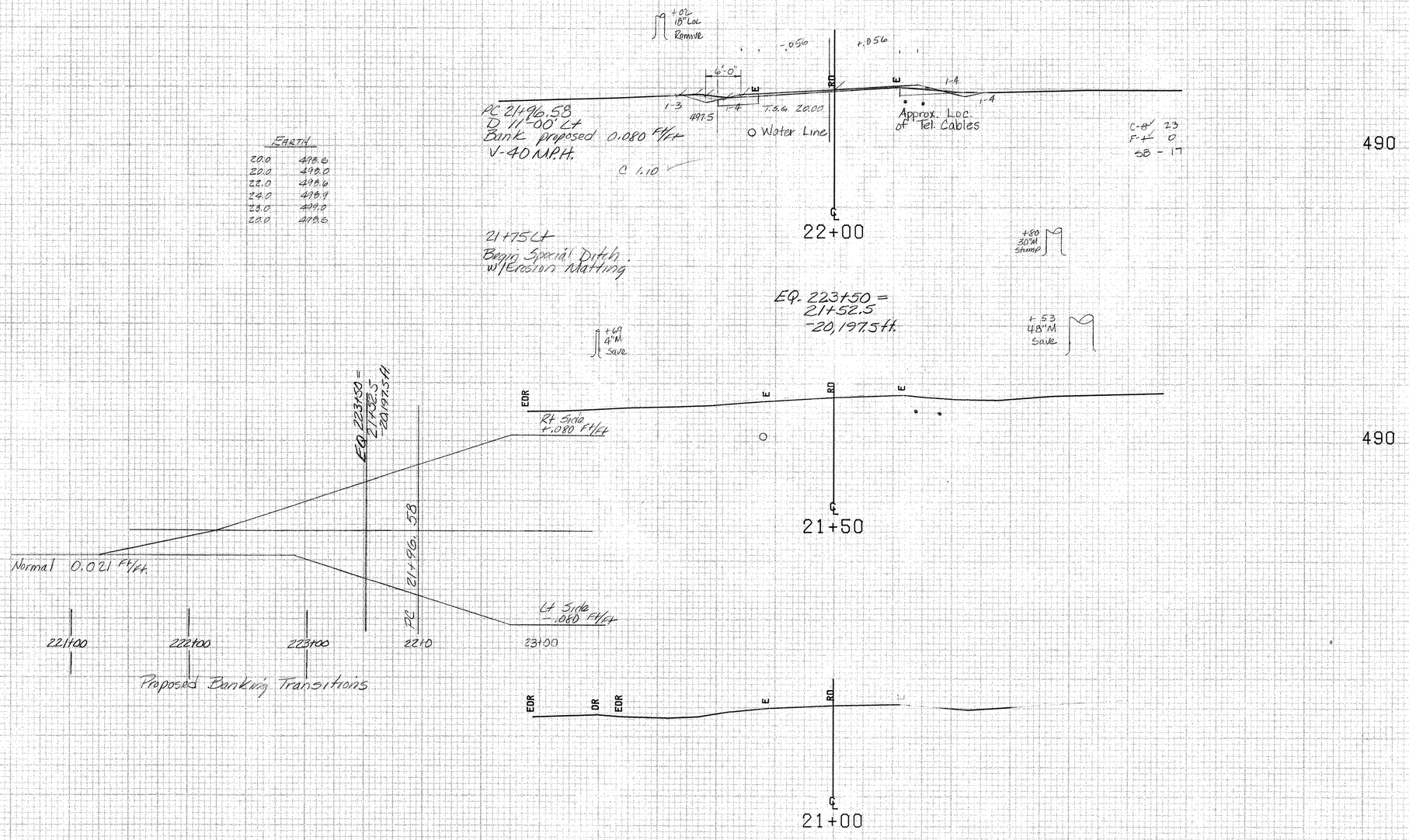
SCALE 10 FEET



Bridport MM 4.06 ~ 4.24

FROM STA.	222+62	TO STA.	224+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON MAIN		
NO.	F017-1(2)	PLOTTED	04/11/85
SURVEYED BY	BUSHEY		FEB 1985
SHEET 347 OF 420 SHEETS			

SCALE 10 FEET



EARTH	
20.0	498.5
20.0	498.0
22.0	498.6
24.0	498.9
23.0	499.0
20.0	498.5

C-8 23
F+ 0
58 - 17

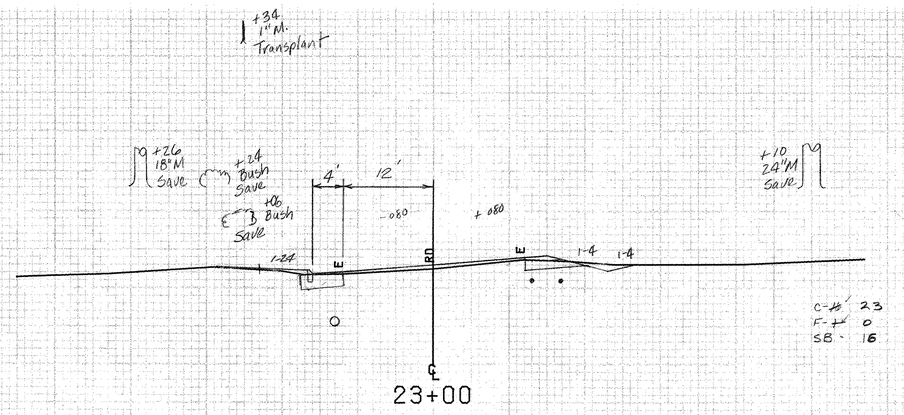
490

490

BRIDPORT MM 4.24 ~ MM 4.34

FROM STA.	20+70	TO STA.	22+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	FO17-1(2)	PLOTTED	02/14/84
SURVEYED BY	FANTONI		JAN 1984
SHEET 348 OF 420 SHEETS		SHEET 348 OF 477	

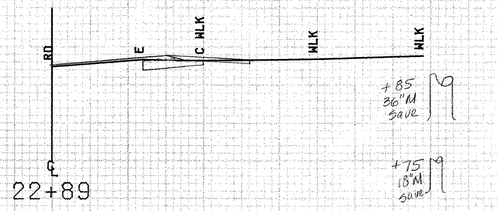
SCALE 10 FEET



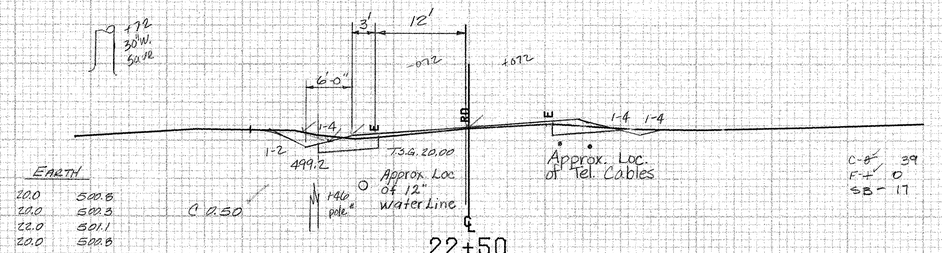
500

22+75 Lt
Begin Cast In Place Concrete
Curb, Type A
End Special Ditch w/ Erosion Matting

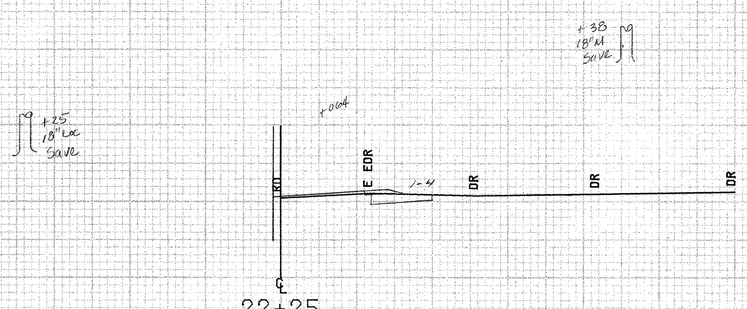
22+89 Rt
5' Concrete Sidewalk Remove 6 feet (Common Excav)
Replace w/ 6' of Portland Cement Concrete Sidewalk, 5 inch



500



500

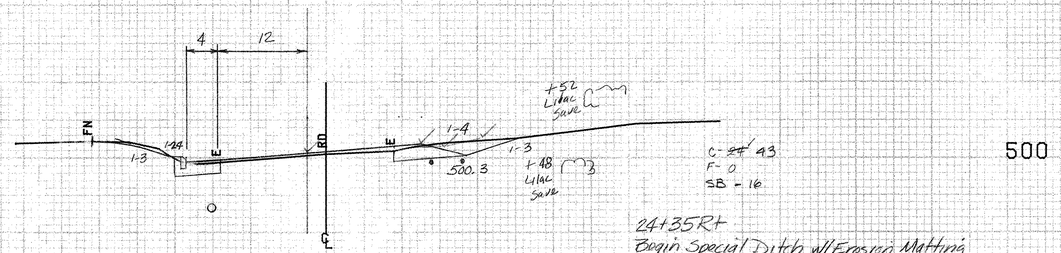


500

BRIDPORT MM 4.24 ~ MM 4.34

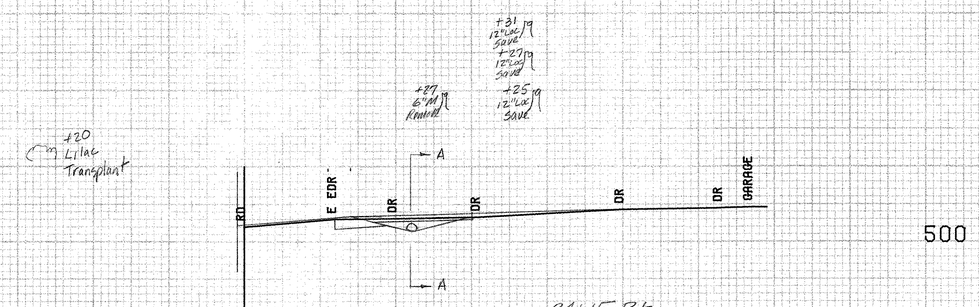
FROM STA.	22+25	TO STA.	23+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	FO17-1(2)	PLOTTED	02/14/84
SURVEYED BY	FANTONI		JAN 1984
SHEET 347 OF 420 SHEETS		SHEET	349 OF 477

SCALE 10 FEET



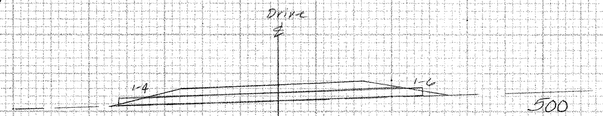
24+50

24+35 Rt
Begin Special Ditch w/Erosion Matting

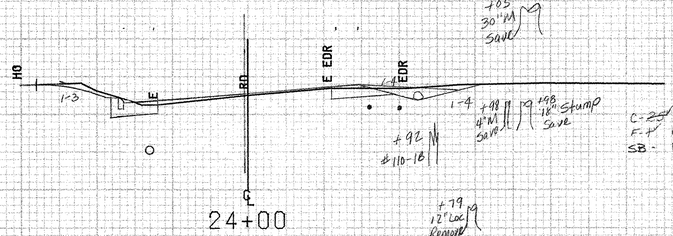


24+15

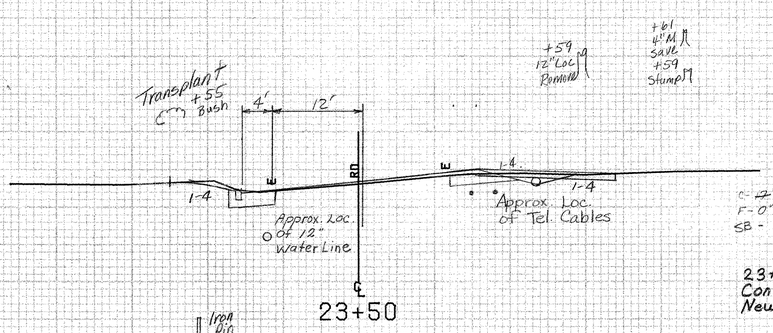
24+15 Rt
Construct Drive (20 Wide - Gravel)
New 17'x13'x40' CSP (06A)



24+50 24+15 24+0
Section A-A



24+00



23+50

23+40 Rt
Construct Drive (18' Wide - Gravel)
New 17'x13'x38' CSP (06A)

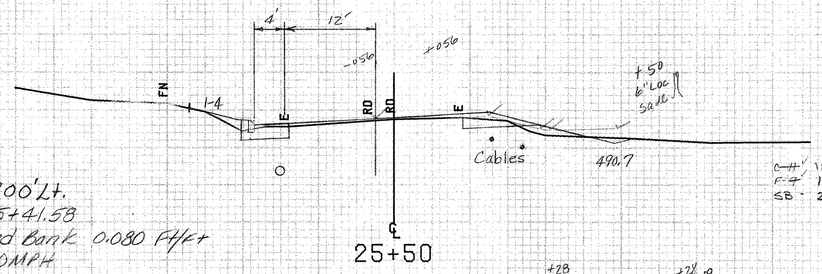
BRIDPORT MM 4.24 ~ MM 4.34

FROM STA.	23+50	TO STA.	24+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	02/14/84
SURVEYED BY	FANTONI	JAN 1984	
SHEET 350 OF 422 SHEETS		SHEET 350 OF 477	

SCALE 10 FEET

25+75 Lt
End Cast In Place Concrete
Curb, Type A
Begin Special Ditch w/Erosion Matting

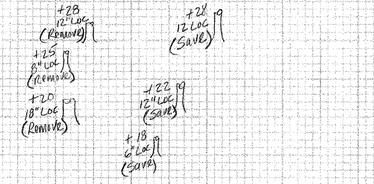
25+80 Rt
End Special Ditch w/ Erosion Matting

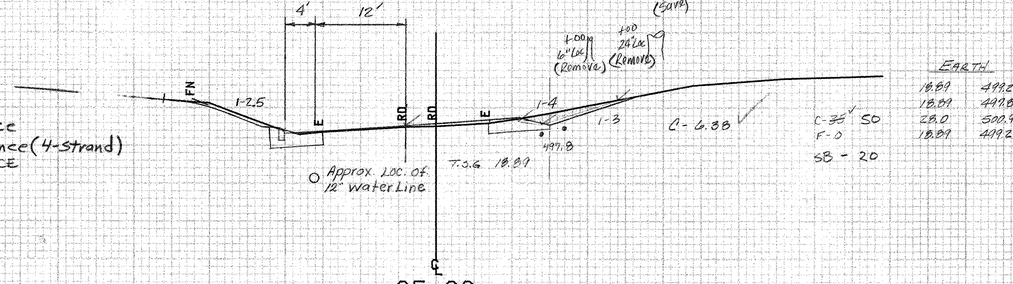


490

D=11°00' Lt.
PT 25+41.58
Proposed Bank 0.080 Ft/Ft
V-40MPH

℄
25+50



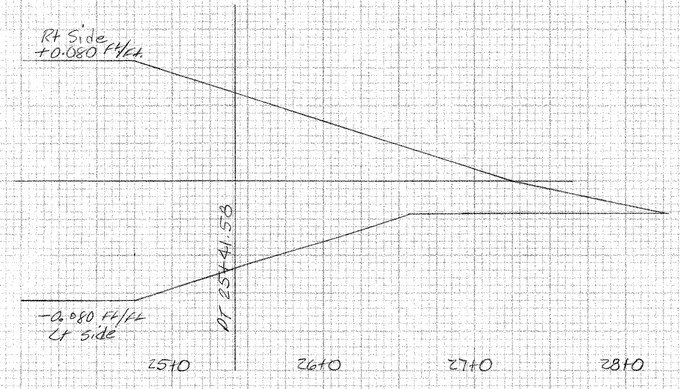


25+00 Lt
Begin Removing & Resetting Fence
Begin Temporary Barbed Wire fence (4-strand)
BEGIN REMOVAL OF EXISTING FENCE

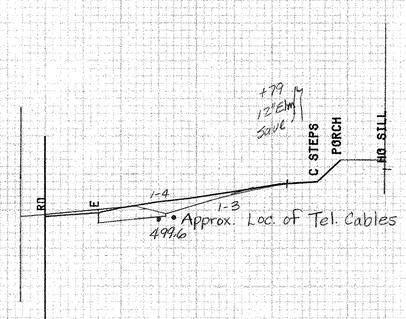
Approx. Loc. of 12" Waterline

℄
25+00

490



Proposed Banking Transition



℄
24+75

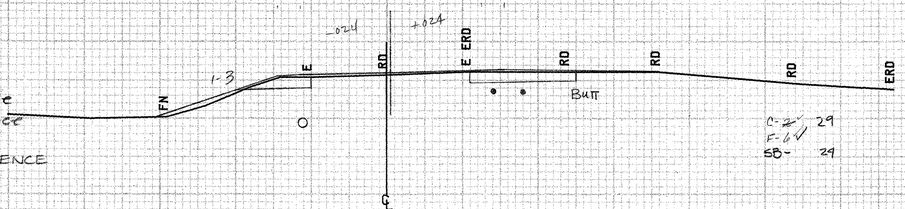
490

BRIDPORT MM 4.24~MM 4.34

SCALE 10 FEET

FROM STA.	24+75	TO STA.	25+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	02/14/84
SURVEYED BY	FANTONI		JAN 1984
SHEET 351 OF 420 SHEETS		SHEET 351 OF 477	

27+00
C - 19
F - 12
SB - 17



480

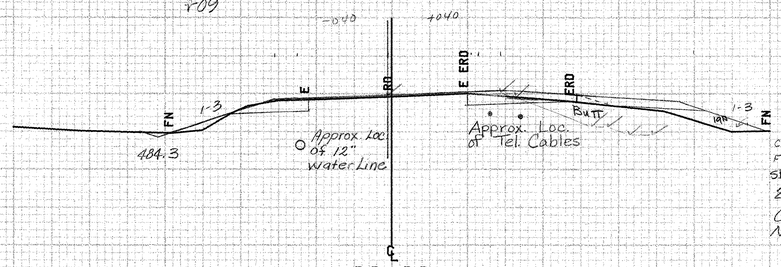
26+50

26+50 LT
End Removing & Resetting fence
End Temporary Barbed Wire fence
(4-Strand)
END REMOVAL OF EXISTING FENCE

26+40 RT
Construct Approach TH #10

26+25 LT.
End Special Ditch w/
Erosion Matting

48" E. Stump
(Remove)
+09



480

25+90 RT
Construct Drive (12' Wide - Gravel)
New 19"x 13"x 30' CSP (.06A)

26+00

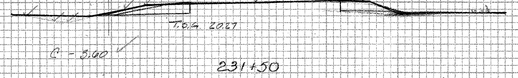
BRIDPORT MM 4.24 ~ MM 4.34

SCALE 10 FEET

FROM STA.	26+00	TO STA.	26+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	02/14/84
SURVEYED BY	FANTONI	JAN 1984	
SHEET 352 OF 480 SHEETS		SHEET 352 OF 477	

FINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

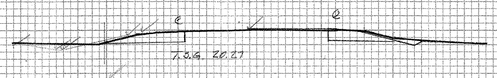
ORIGINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE



EARTH	
26.0	498.0
26.0	497.3
25.0	497.3
32.0	497.9
28.0	498.0

C - 5.00

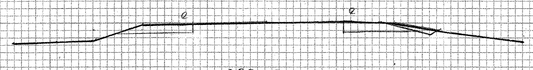
231+50



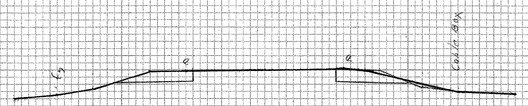
EARTH	
23.0	498.0
26.0	497.2
27.0	497.3
30.0	497.9
28.0	498.0

C - 3.65

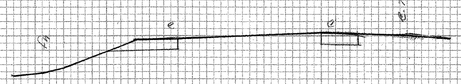
231+00



230+50



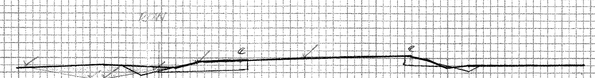
230+00



229+50



229+00



EARTH	
20.27	498.5
20.27	498.5
28.0	497.2
25.0	497.2
30.0	497.9
28.0	498.0
20.27	498.5

C - 18.59

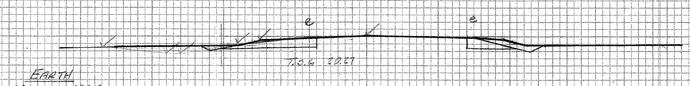
234+50



EARTH	
22.0	498.1
27.9	498.0
29.0	497.0
32.0	497.5
41.0	497.7
22.0	498.1

C - 8.20

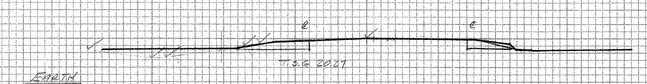
234+00



EARTH	
20.27	498.6
20.27	498.5
26.0	497.6
28.0	497.6
37.0	498.1
20.27	498.6

C 9.47

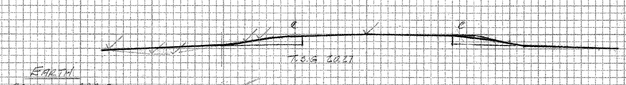
233+50



EARTH	
20.27	498.5
28.0	497.8
30.0	497.9
37.0	498.1
20.27	498.5

C - 18.00

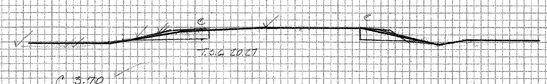
233+00



EARTH	
20.27	498.5
27.0	497.8
30.0	497.3
34.0	497.8
20.27	498.5

C - 6.96

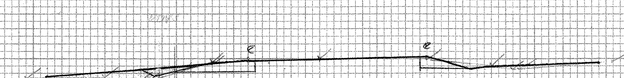
232+50



EARTH	
23.0	498.0
27.0	497.2
29.0	497.2
35.0	497.4
28.0	497.0

C 3.70

232+00



EARTH	
20.27	499.0
20.27	498.0
24.0	498.9
25.0	498.0
30.0	497.4
38.0	497.4
20.27	499.0

C - 15.76

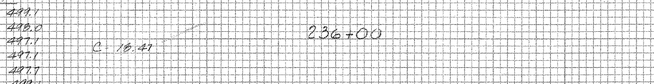
237+00



EARTH	
20.27	498.6
20.27	498.0
26.0	498.9
25.0	498.9
32.0	497.4
42.0	497.2
20.27	498.6

C - 12.49

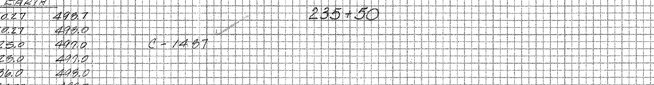
236+50



EARTH	
20.27	499.1
20.27	498.0
22.0	497.1
25.0	497.1
31.0	497.7
20.27	499.1

C - 16.47

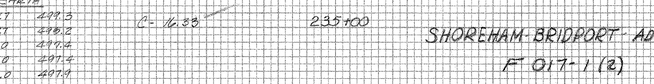
236+00



EARTH	
20.27	498.7
20.27	498.0
25.0	498.0
28.0	498.0
36.0	498.0
20.27	498.7

C - 14.87

235+50



EARTH	
20.27	498.3
20.27	498.2
27.0	497.4
29.0	497.4
36.0	497.9
20.27	497.3

C - 16.83

235+00

SHOREHAM-BRIDPORT ADDISON
F 017-1 (2)

Original Section

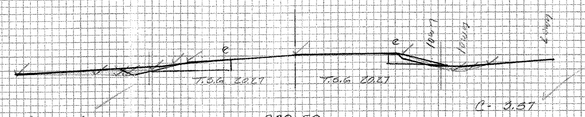
PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

229+00 ~ 237+00

SHEET 352-A OF 477

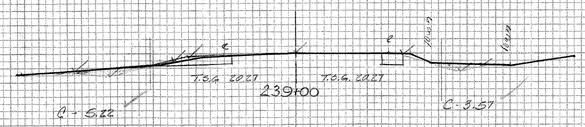
FINAL SURVEY — NOTE BOOK No. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK No. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE



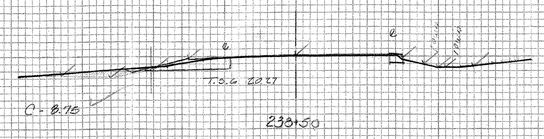
EARTH	
20.27	498.6
20.27	497.9
24.0	497.1
25.0	497.1
28.0	497.4
39.0	497.2
20.27	498.6

EARTH	
20.27	498.8
20.27	498.0
22.0	497.8
24.0	497.8
27.0	498.0
20.27	498.8

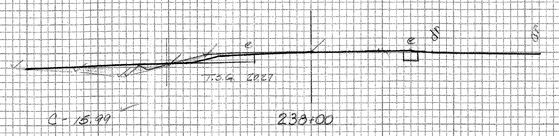


EARTH	
20.27	498.3
26.0	496.9
31.0	497.5
20.27	498.3

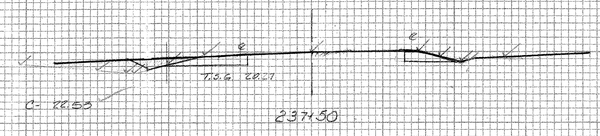
EARTH	
20.27	498.7
20.27	498.0
23.0	497.5
26.0	498.1
20.27	498.7



EARTH	
20.27	498.6
20.27	498.0
26.0	497.0
33.0	497.5
20.27	498.6

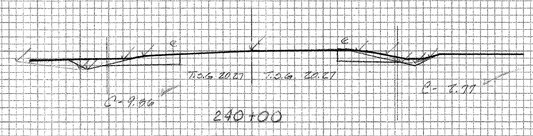


EARTH	
20.27	498.5
26.0	496.5
27.0	496.5
33.0	497.5
42.0	498.0
20.27	498.5



EARTH	
20.27	499.2
20.27	498.0
25.0	497.0
26.0	497.0
30.0	497.5
41.0	498.2
20.27	499.2

EARTH	
20.27	499.0
20.27	498.0
23.0	497.6
24.0	497.6
28.0	498.4
20.27	499.0



EARTH	
20.27	499.2
20.27	498.6
21.0	498.3
23.0	498.3
25.0	498.3
26.0	499.0
22.0	499.0
20.27	499.2

SHOREHAM-BRIDPORT-ADDISON
F017-1(2)

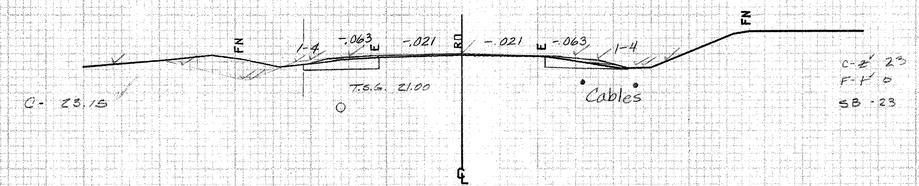
Original Sections

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

237+50 ~ 240+00

242+00 Lt.
Begin Steel Beam Guard Rail

EARTH	
24.0	503.3
26.0	501.9
29.0	501.9
31.0	503.6
44.0	504.0
33.0	505.0
24.0	503.3

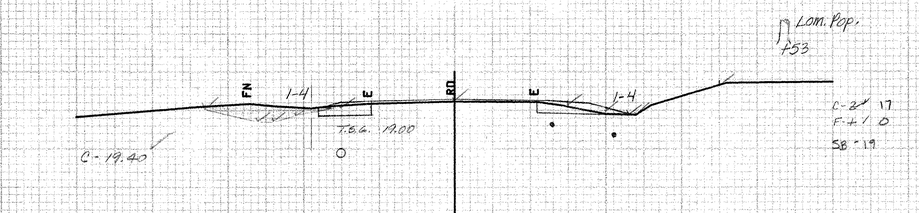


242+00

500

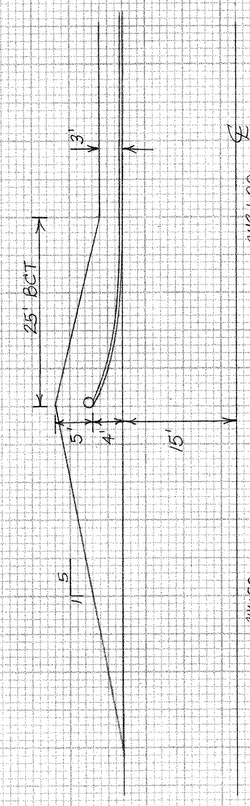
241+75 ~ 242+00 Lt.
Breakaway Cable Terminal

EARTH	
19.0	505.2
19.0	504.7
21.0	504.4
24.0	503.6
26.0	503.6
33.0	505.0
22.0	504.0
19.0	505.2

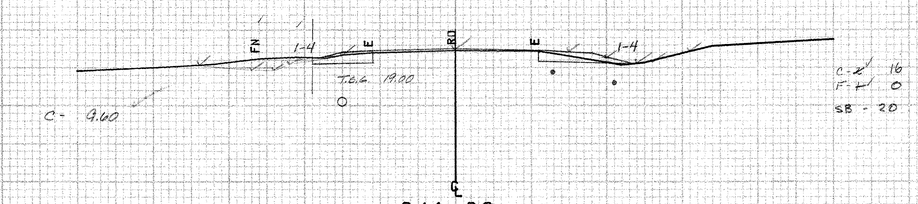


241+50

500



EARTH	
19.0	504.4
19.0	505.9
22.0	505.4
24.0	504.8
27.0	505.4
34.0	525.0
26.0	504.1
21.0	504.4
19.0	506.4



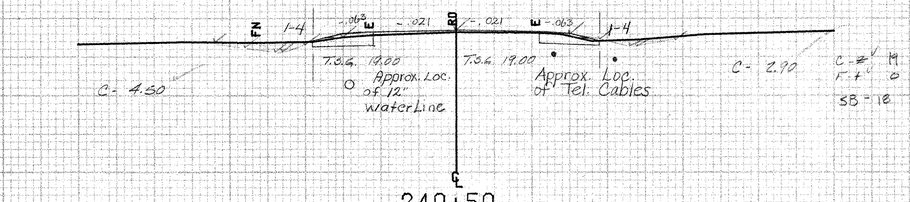
241+00

241+00 Rt.
Begin Steel Beam Guard Rail

500

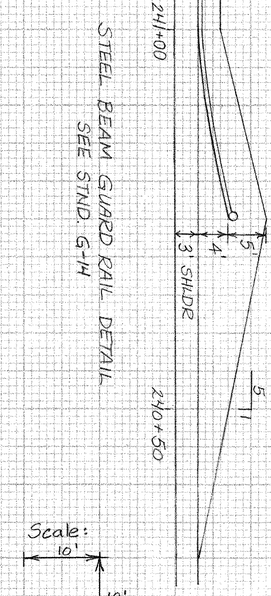
240+75 ~ 241+00 Rt.
Breakaway Cable Terminal

EARTH	
20.0	506.6
23.0	505.6
24.0	505.6
28.0	506.5
32.0	504.5
20.0	506.6



240+50

500



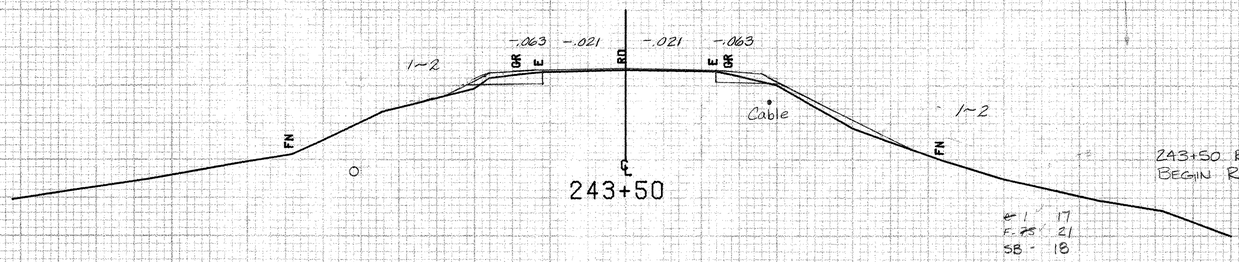
Scale
10'
10'

Scale:
10'
10'

BRIDPORT MM 4.55 ~ MM 4.78

FROM STA.	240+50 TO STA. 242+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON
NO.	F017-1(2) PLOTTED 02/10/84
SURVEYED BY	FANTONI JAN 1984
SHEET 353 OF 420 SHEETS	

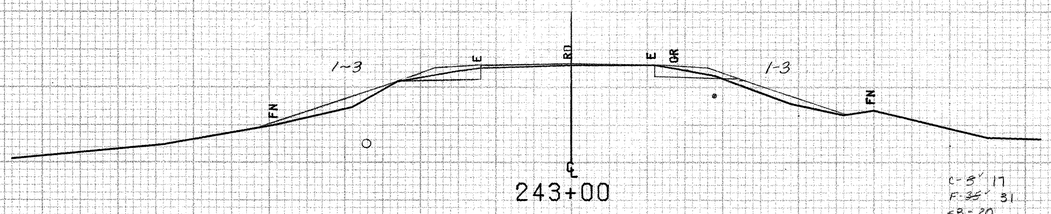
SCALE 10 FEET



243+50 Rt.
Begin Removal of Existing Fence (Non-Part.)

C- 1' 17
F- 25' 21
SB - 18

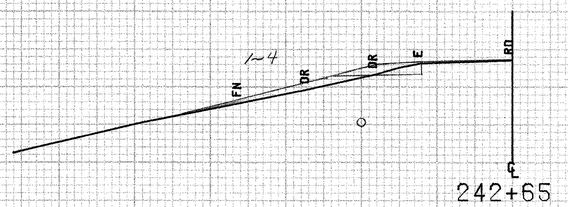
243+20 Lt
Begin Removing & Resetting Fence
Begin Temporary Barbed Wire fence(4-strand)
Begin Removal of Existing Fence (Non-Part.)



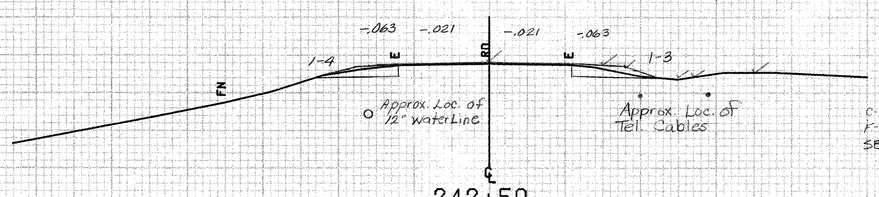
243+08 Lt.
Begin Removal and Disposal of Guard Rail

C- 5' 17
F- 35' 31
SB - 20

243+00 Rt.
Begin Removal and Disposal of Guard Rail



Tel. Jct. Box 14/2
455



242+50 Lt
Begin Geotextile Fabric for Silt fence

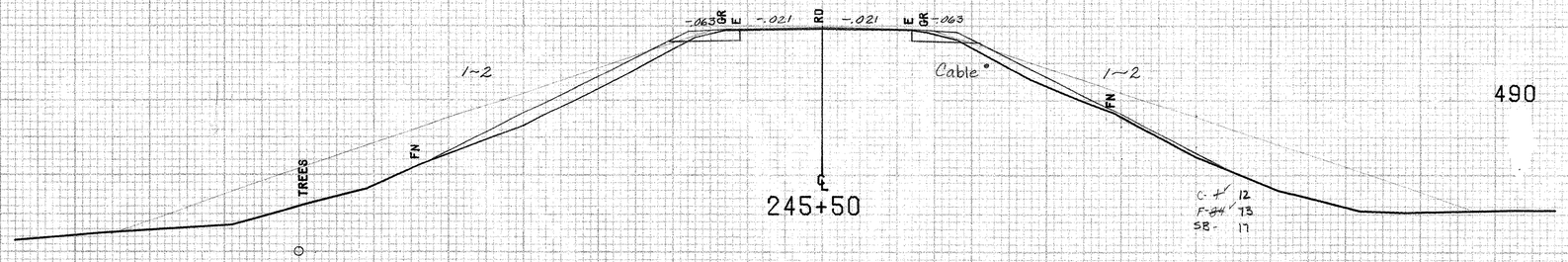
242+50 Rt
Begin Geotextile Fabric

C- 5' 19
F- H 0
SB - 20

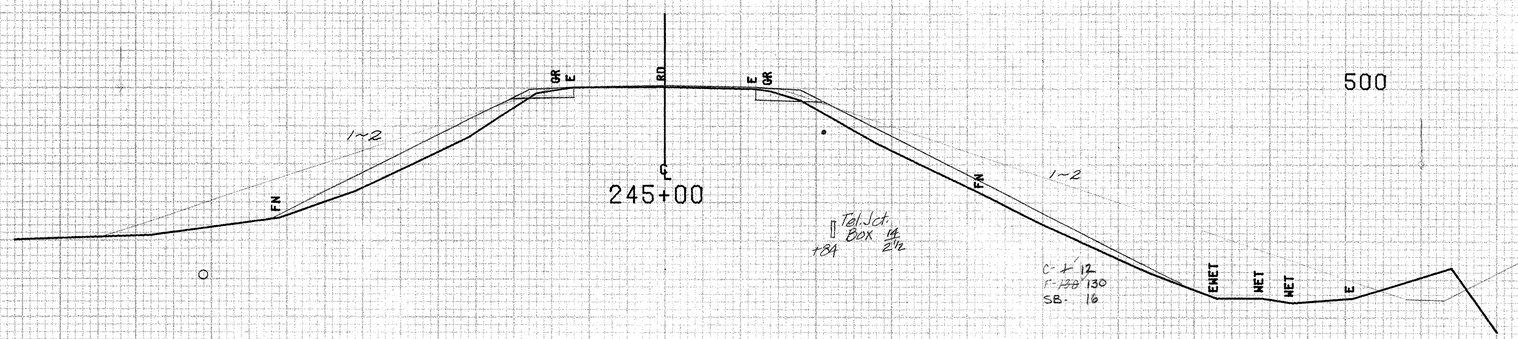
BRIDPORT MM 4.55 ~ MM 4.73

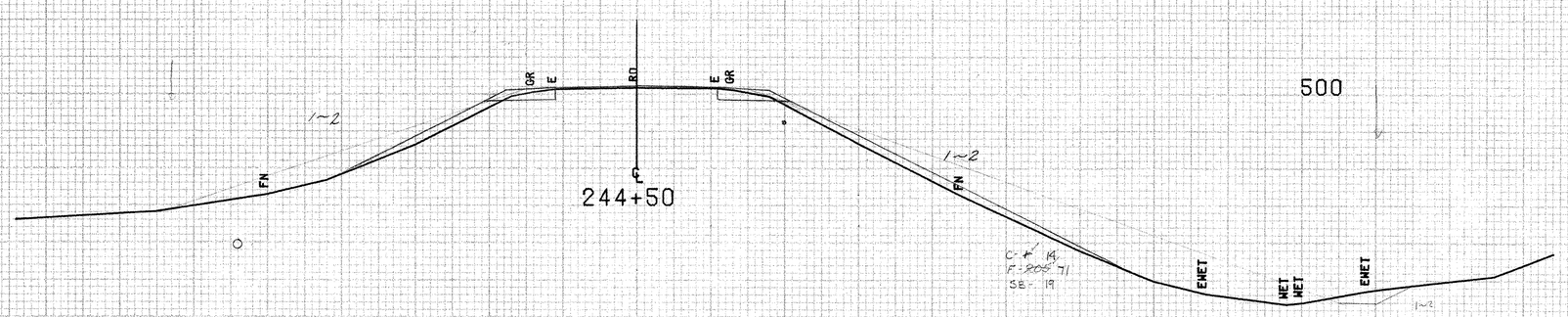
FROM STA.	242+50	TO STA.	243+50
PROJECT NAME		SHOREHAM-BRIDPORT-ADDISON	
NO.		F017-1(2)	PLOTTED 02/10/84
SURVEYED BY		FANTONI	JAN 1984
SHEET 354 OF 420 SHEETS			SHEET 354 OF 477

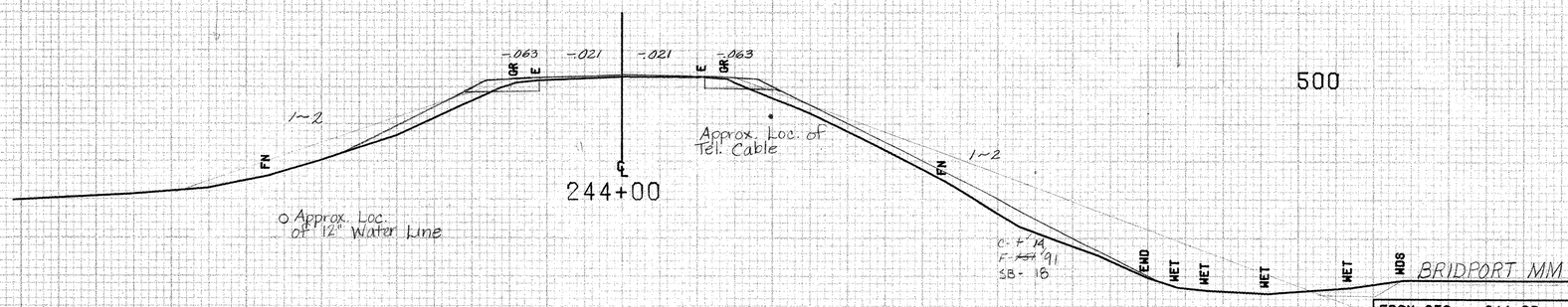
SCALE 10 FEET



SEE STD. B-5 FOR
CONSTRUCTION TECHNIQUE



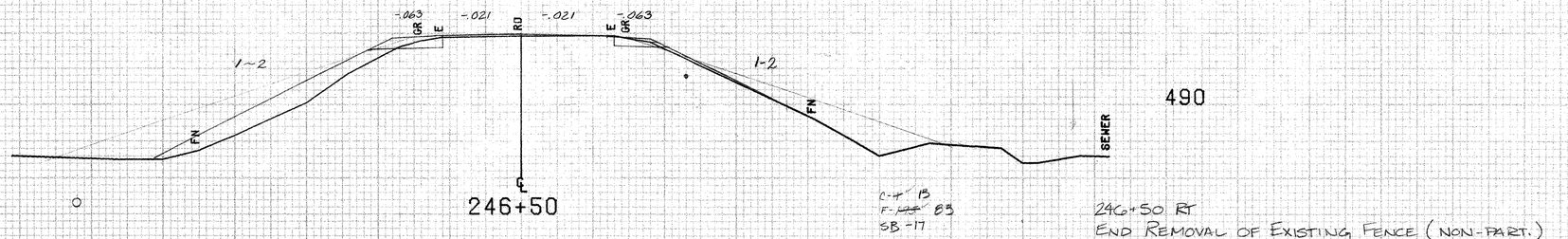




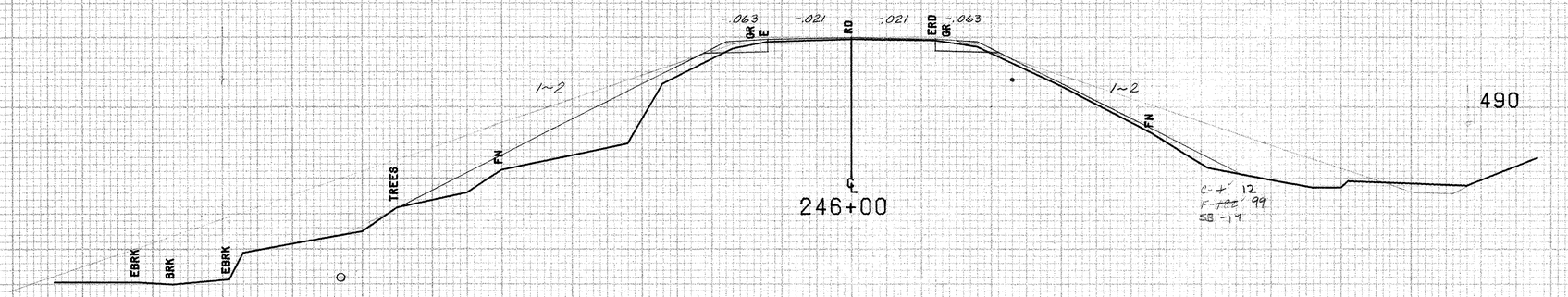
BRIDPORT MM 4.55 ~ MM 4.73

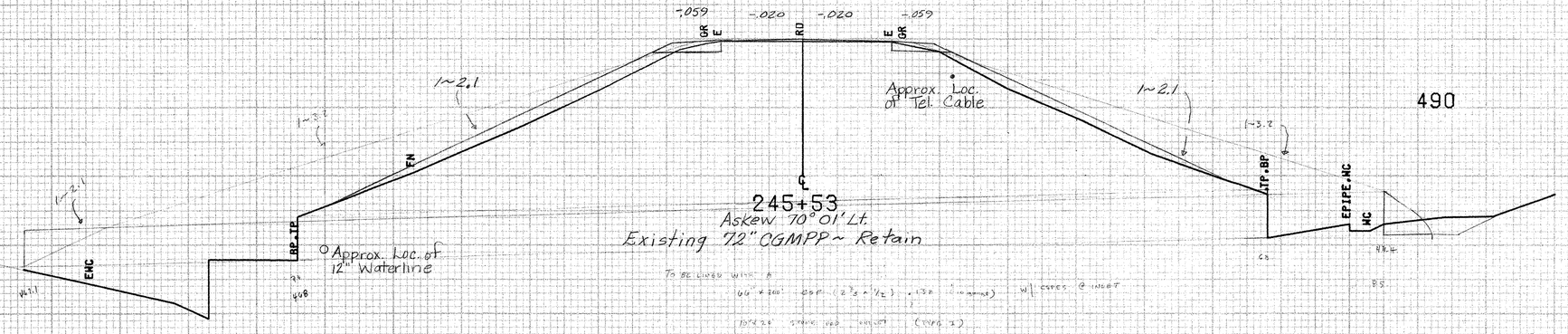
SCALE 10 FEET

FROM STA.	244+00	TO STA.	245+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	02/10/84
SURVEYED BY	FANTONI		JAN 1984
SHEET 335 OF 420 SHEETS		SHEET	335 OF 477



246+50 RT
END REMOVAL OF EXISTING FENCE (NON-PART.)

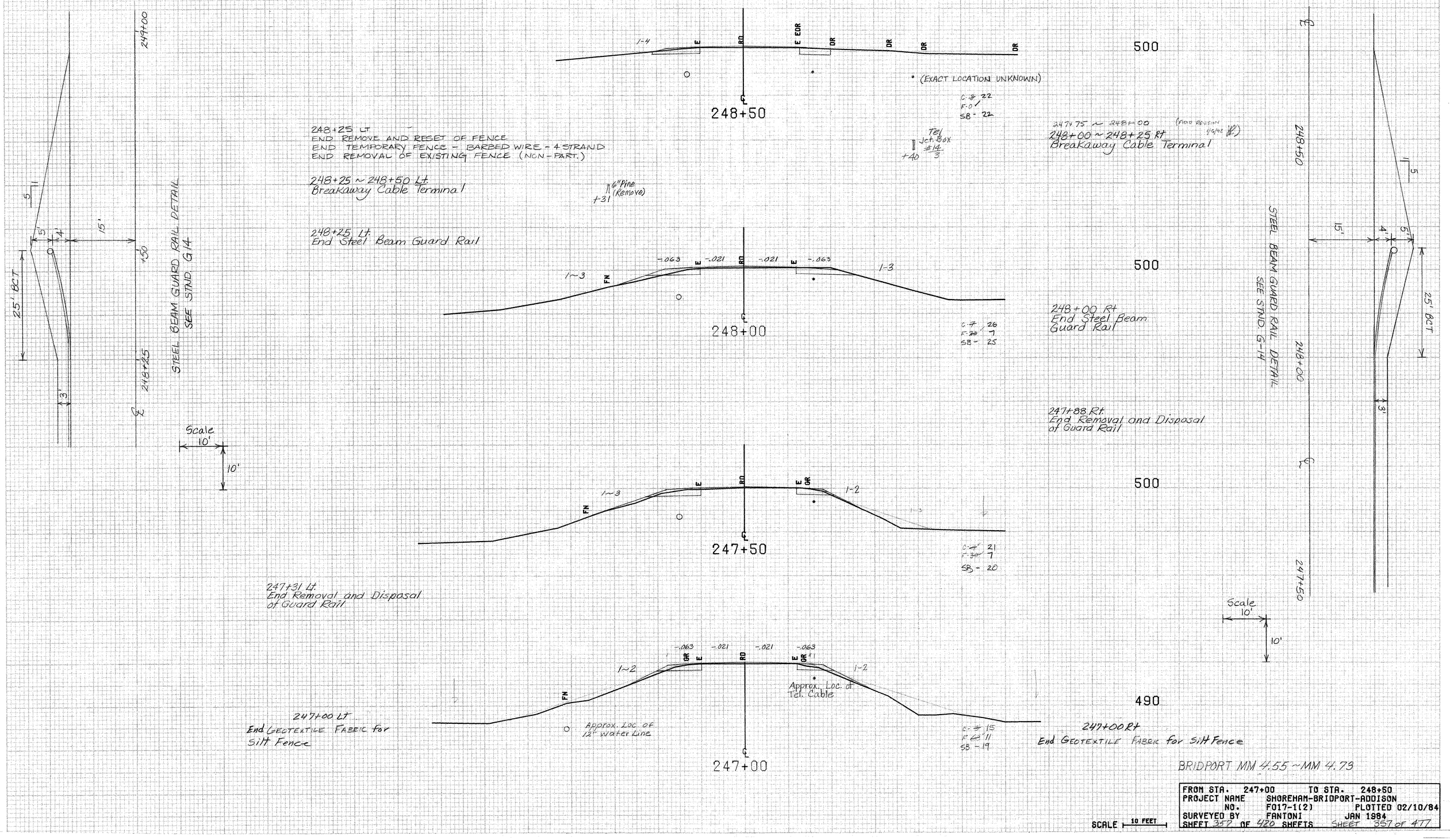




BRIDPORT MM 4.55 ~ MM 4.73

FROM STA.	245+53	TO STA.	246+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	02/10/84
SURVEYED BY	FANTONI		JAN 1984
SHEET 356 OF 420 SHEETS		SHEET 350 OF 477	

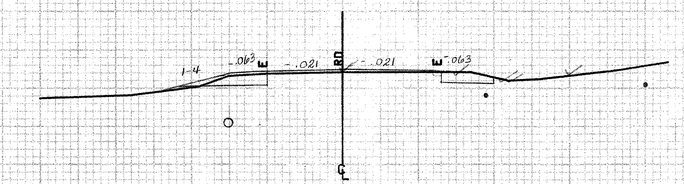
SCALE 10 FEET



BRIDPORT MM 4.55 ~ MM 4.73

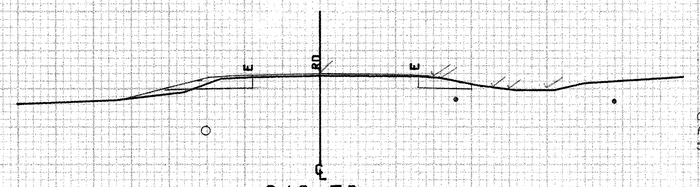
FROM STA. 247+00		TO STA. 248+50	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED 02/10/84	
SURVEYED BY	FANTONI	JAN 1984	
SHEET 357 OF 420 SHEETS		SHEET 357 OF 477	

SCALE 10 FEET



250+00

500



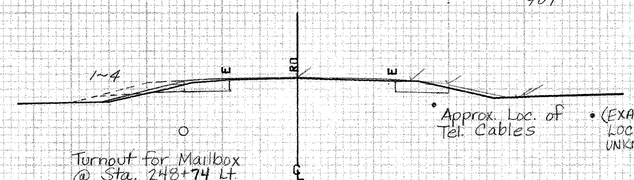
249+50

500

Iron Pipe
+20

Pole #102
+12

Tel. Pole #5
+07

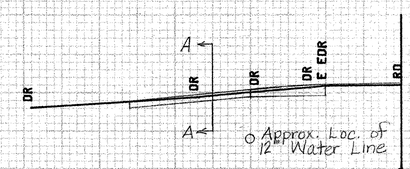


Turnout for Mailbox @ Sta. 248+74 Lt

249+00

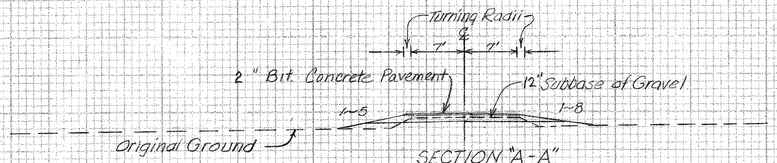
500

30" Stump (Remove)
+16



248+60

500



SECTION "A-A"
DRIVE @ 248+60 Lt.

248+79 Lt.
Relocate Mailbox, Single Support

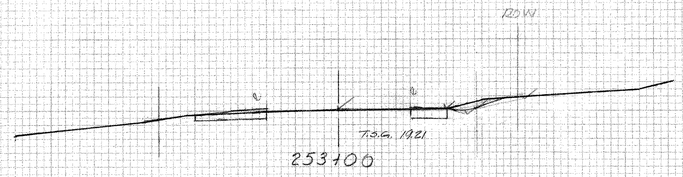
248+69 ~ 249+04 Lt.
Construct Turnout for Mailbox (15" Subbase of Gravel)

248+60 Lt.
Construct Paved Drive (14 feet wide)

BRIDPORT MM 4.55 ~ MM 4.73

FROM STA.	248+60	TO STA.	250+00
PROJECT NAME		SHOREHAM-BRIDPORT-ADDISON	
NO.		F017-1(2)	PLOTTED 02/10/84
SURVEYED BY		FANTONI	JAN 1984
SHEET 358 OF 420 SHEETS			SHEET 358 OF 477

SCALE 10 FEET



253+00

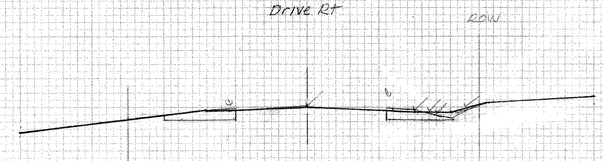
EARTH

19.21	500.0
23.0	501.7
19.21	501.3
19.21	500.0

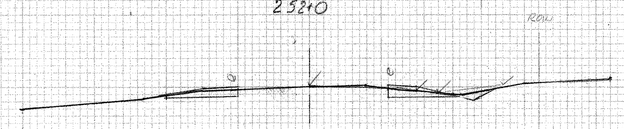
C-2.46°



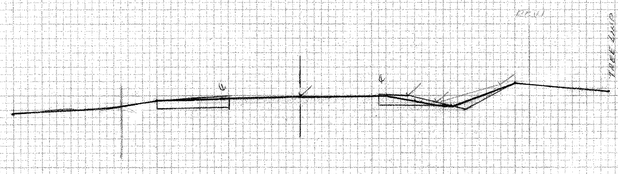
252+50
Drive Rt



252+0



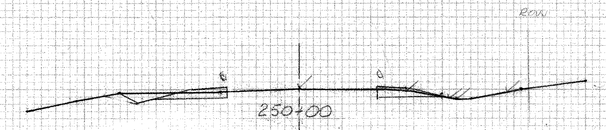
251+50



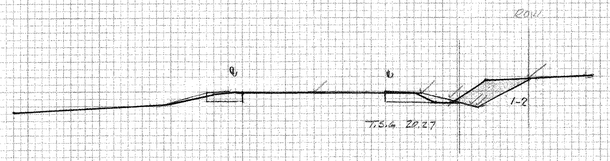
251+0



250+50



250+00

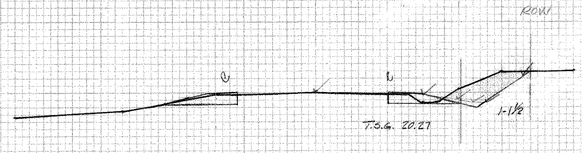


255+50

EARTH

20.27	498.4
22.0	498.4
23.0	498.4
30.0	502.0
24.0	501.6
20.27	499.0
20.27	498.4

C 14.89°

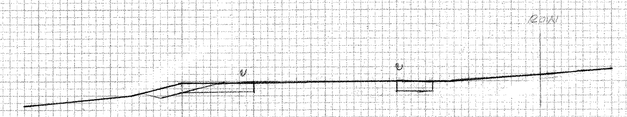


255+00

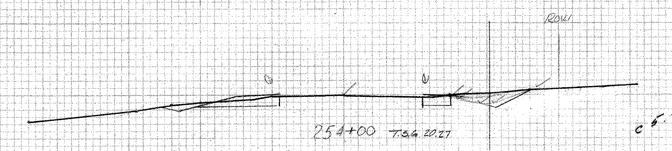
EARTH

20.27	499.0
22.0	498.7
24.0	498.7
30.0	503.0
26.0	503.0
20.27	500.6
20.27	499.0

C 21.80°



254+50
Field Drive Rt

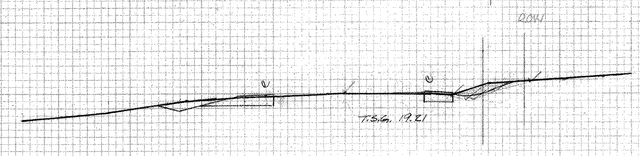


254+00

EARTH

20.27	498.8
21.0	498.8
27.0	501.7
20.27	500.2
20.27	498.8

C 5.77°



253+50

EARTH

19.21	500.0
24.0	501.8
20.0	501.5
19.21	501.2
19.21	500.0

C 3-36°

SHOREHAM-BRIDPORT ADDISON
F 017-1(2)

ORIGINAL SECTIONS

Cuts 2-10-92 WJG

Sheet 358-A of 477

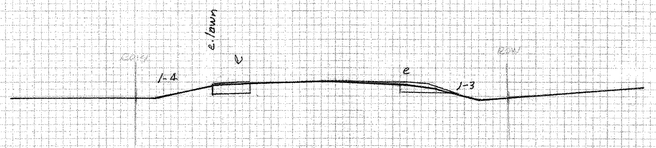
250+00 – 255+50

NO	MADE BY	DATE
40	VMEY2 CHECKED	
	VMEY2	
	LEWAYNE	
	STATUS	
	ATTACHED	
	DRAWING	
	ORIGINAL	

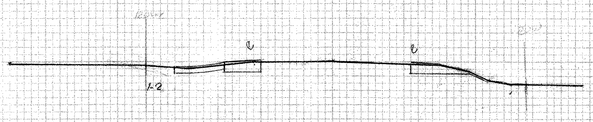
NO	MADE BY	DATE
	VMEY2 CHECKED	
	VMEY2	
	LEWAYNE	
	STATUS	
	ATTACHED	
	DRAWING	
	ORIGINAL	

Keuffel & Esser Company PLATE 8, CROSS SECTION 487056 Made in U.S.A.

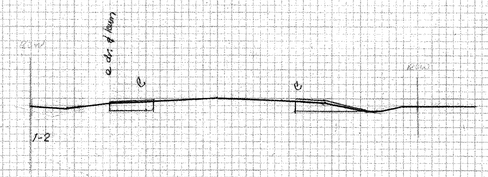
41



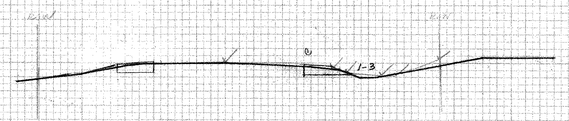
257+50



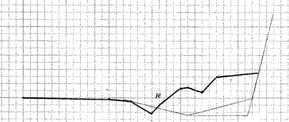
257+00

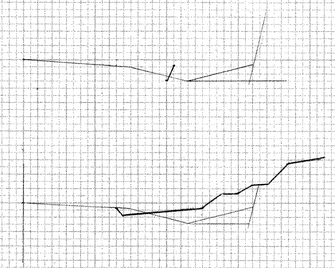


256+50



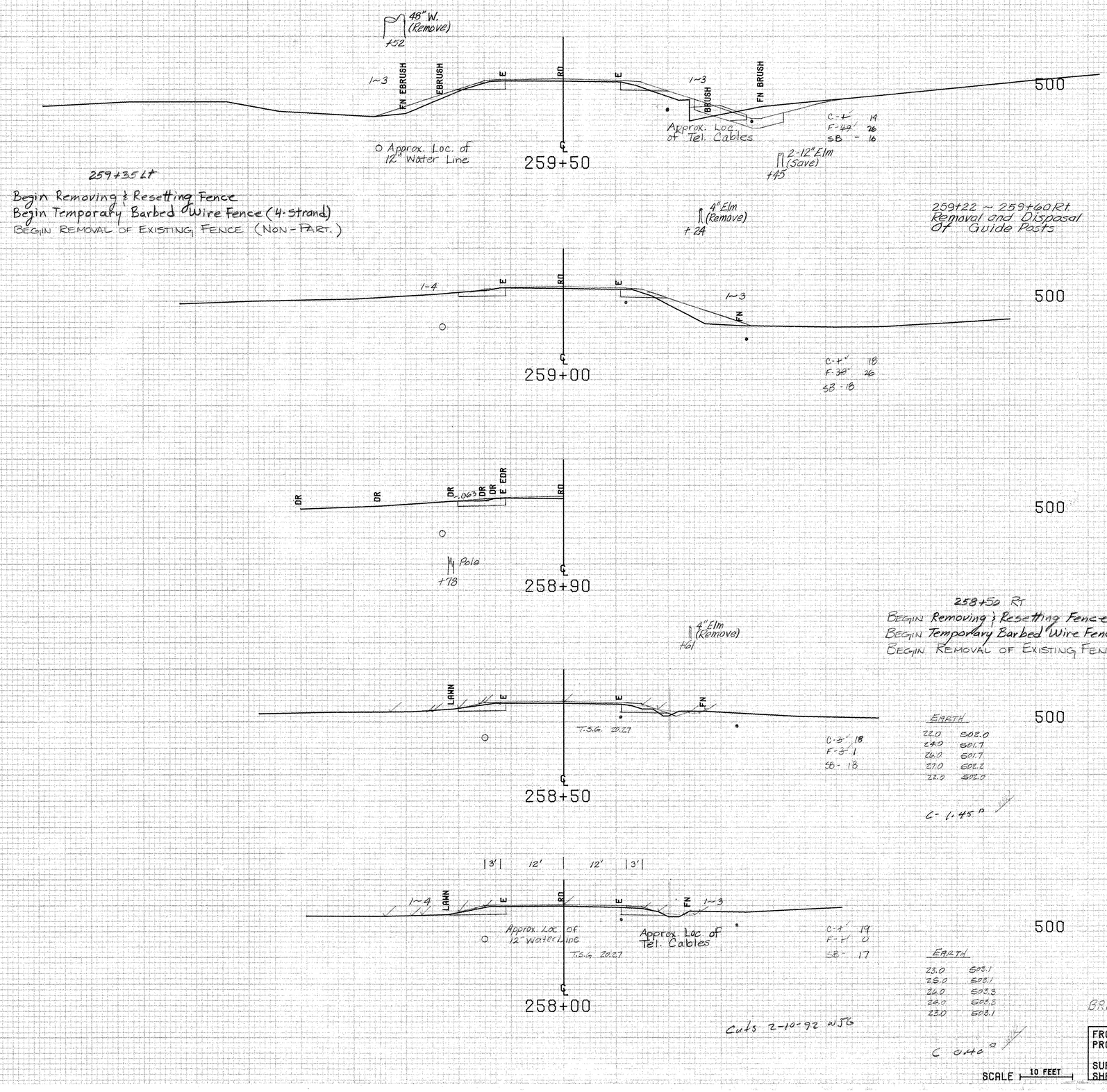
256+00





SHOREHAM BRIDPORT-ADDISON
F017-1(2)
ORIGINAL SECTIONS
Sheet 358-B of 477

256+00 ~ 257+50

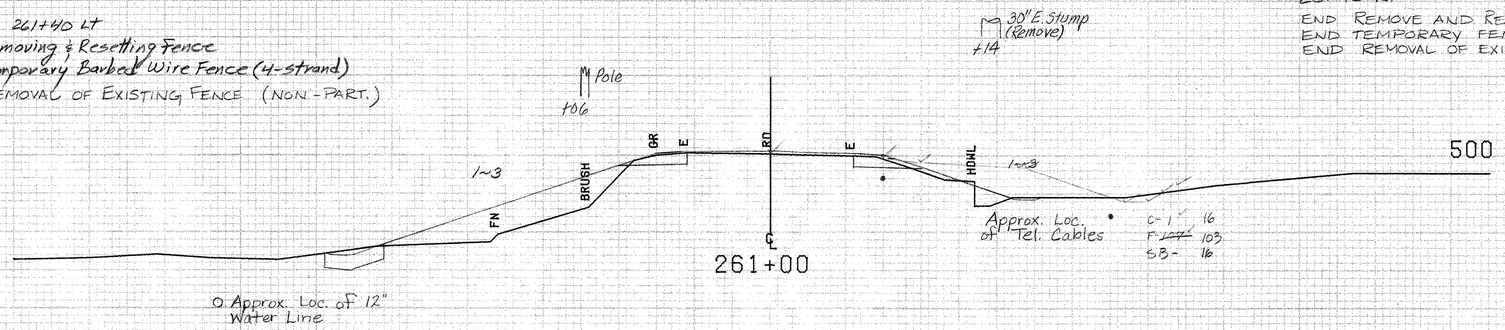


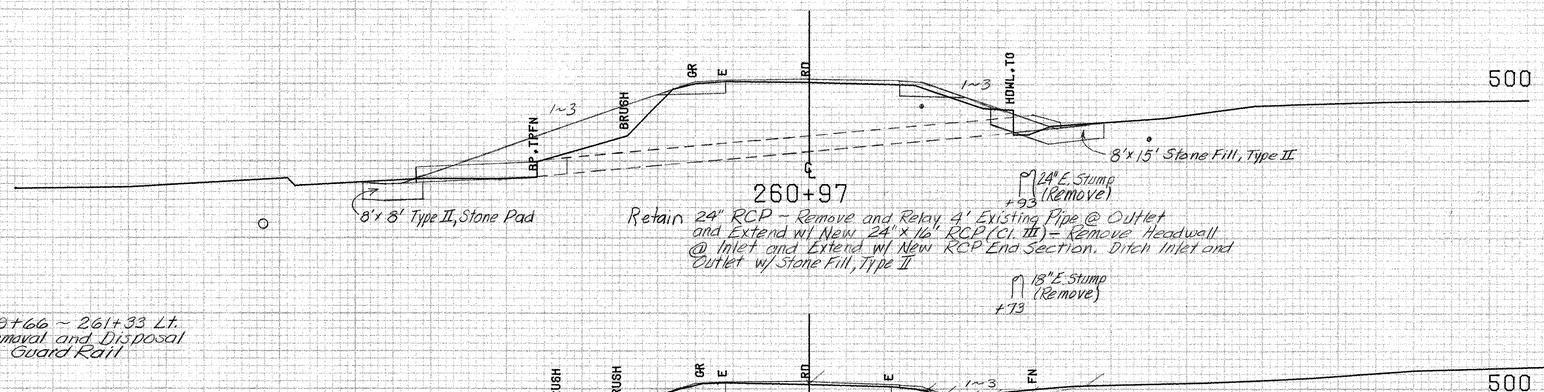
BRIDPORT MM 4.88 ~ MM 4.96

FROM STA. 258+00		TO STA. 259+50	
PROJECT NAME	SHOREHAM-ADDISON	MAIN6	
NO.	F017-1(2)	PLOTTED 01/09/85	
SURVEYED BY	FANTONI	DEC 1984	
SHEET 359 OF 420 SHEETS		SHEET 359 OF 477	

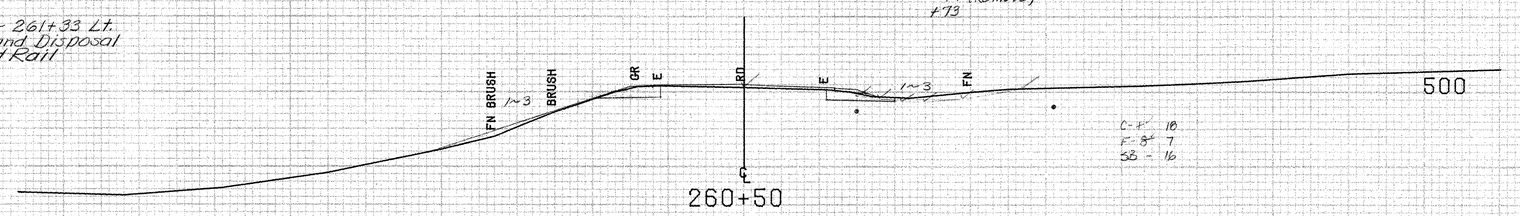
261+40 Lt
End Removing & Resetting Fence
End Temporary Barbed Wire Fence (4-strand)
End Removal of Existing Fence (Non-Part.)

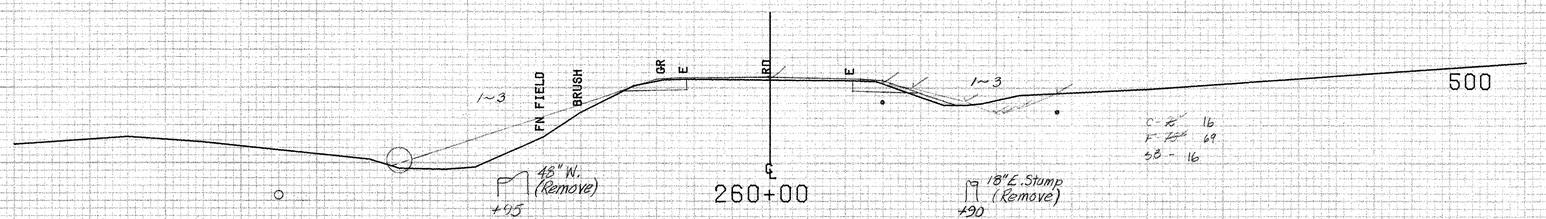
261+45 Rt
End Remove and Reset Fence
End Temporary Fence - Barbed Wire - 4 strand
End Removal of Existing Fence

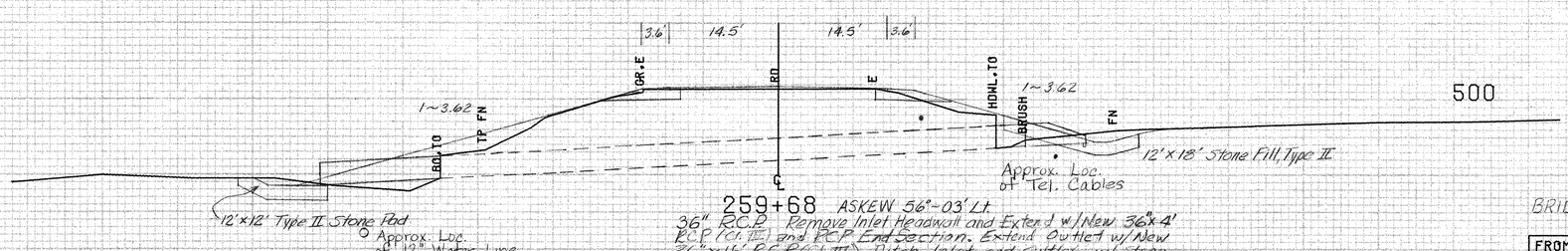




259+66 ~ 261+33 Lt.
Removal and Disposal of Guard Rail



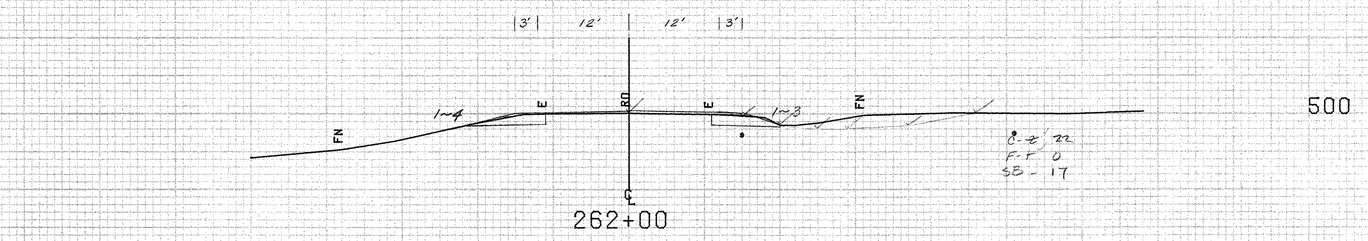




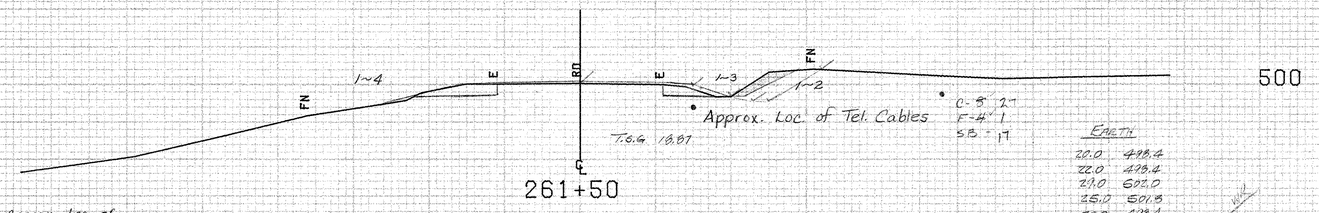
BRIDPORT MM 4.88 ~ MM 4.96

FROM STA.	259+68	TO STA.	261+00
PROJECT NAME	SHOREHAM-ADDISON		MAINE
NO.	F017-1(2)		PLOTTED 01/09/85
SURVEYED BY	FANTONI		DEC 1984
SHEET 360 OF 420 SHEETS			SHEET 360 OF 477

SCALE 10 FEET



○ WaterLine



○ Approx. Loc. of 12" Water Line

EARTH	
20.0	498.4
22.0	498.4
29.0	502.0
25.0	501.8
20.0	499.4

cut 2-10-92 WJG

C 265 A

SCALE 10 FEET

BRIDPORT MM488 ~ MM 496

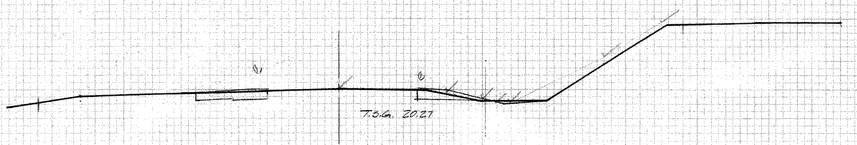
FROM STA. 261+50		TO STA. 262+00	
PROJECT NAME	SHOREHAM-ADDISON	MAIN6	
NO.	F017-1(2)	PLOTTED 01/09/85	
SURVEYED BY	FANTONI	DEC 1984	
SHEET 361 OF 420 SHEETS		SHEET 361 OF 477	



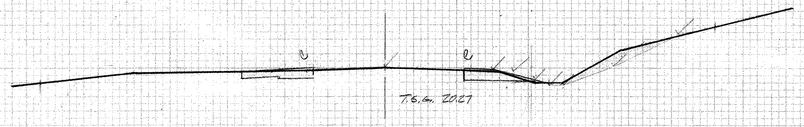
265+00
Turn-out Lt

EARTH

29.0	500.3
36.0	504.6
45.0	510.0
43.0	510.0
31.0	503.8
29.0	500.3



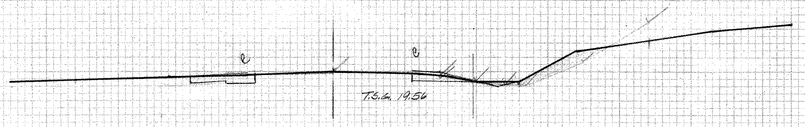
264+50
Turn-out Lt



264+00
Turn-out Lt

EARTH

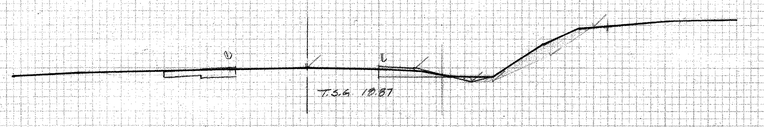
22.0	498.0
23.0	497.7
25.0	497.7
32.0	500.1
41.0	504.6
33.0	502.5
25.0	498.0
22.0	498.0



263+50
Turn-out Lt

EARTH

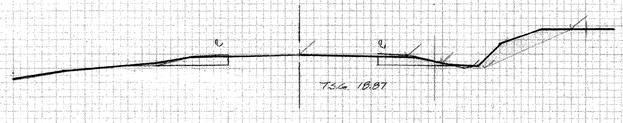
20.0	498.6
24.0	498.1
27.0	498.1
35.0	501.5
38.5	503.5
34.0	503.0
26.0	498.7
20.0	498.6



263+00

EARTH

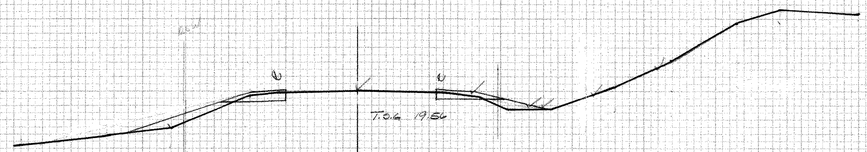
20.0	498.9
23.0	498.3
26.0	498.3
34.0	501.8
40.0	505.8
38.0	505.7
33.0	503.2
26.0	498.9
20.0	498.9



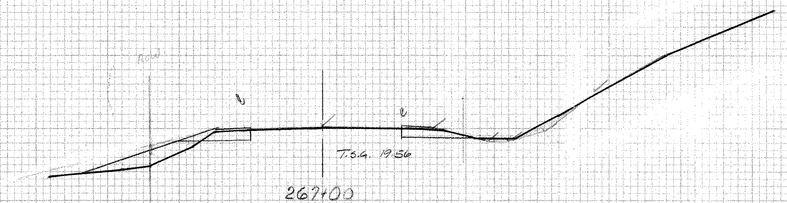
262+50

EARTH

24.0	498.0
26.0	498.0
38.0	503.4
34.0	503.4
28.0	501.6
25.0	498.2
24.0	498.0



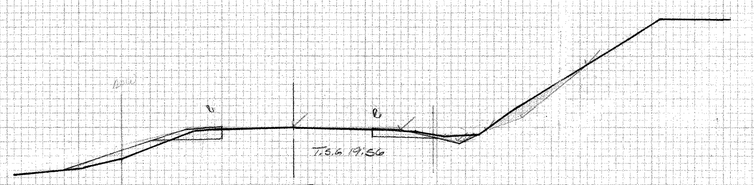
267+50



267+00

EARTH

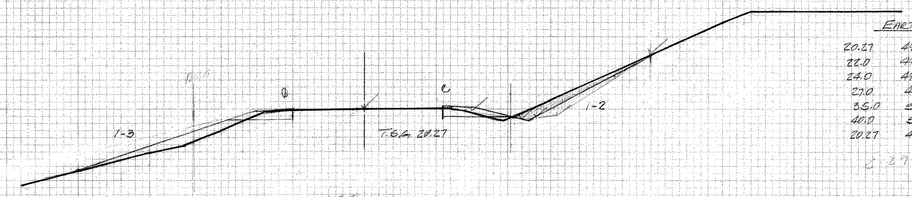
21.0	498.6
23.0	498.1
26.0	498.1
31.0	499.6
38.0	505.1
27.0	498.7
21.0	498.6



266+50

EARTH

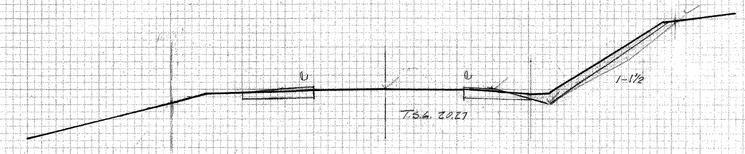
19.56	498.5
23.0	498.1
24.0	498.1
27.0	498.7
32.0	501.2
41.0	508.7
31.0	502.7
26.0	498.0
21.0	498.3
19.56	498.5



266+00

EARTH

20.27	499.0
22.0	498.6
24.0	498.6
27.0	499.1
35.0	504.1
40.0	507.4
20.27	499.0



265+50
Turn-out Lt

EARTH

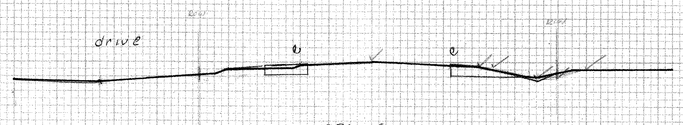
20.27	498.7
23.0	498.2
34.0	504.2
41.0	509.8
39.0	509.7
23.0	499.5
20.27	499.4
20.27	498.7

SHOREHAM BRIDPORT-ADDISON
F 017-1(2)
Original Sections
Noted R Russell

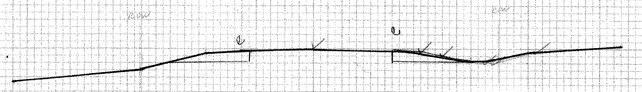
Sheet 361-A of 477

262+50 ~ 267+50

Keuffel & Esser Company PLATE 3, CROSS SECTION 487056 Made in U.S.A.



270+00
Drive Lt.



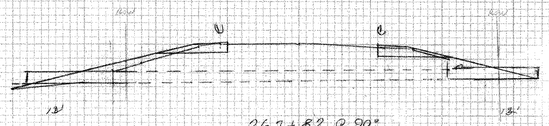
269+50



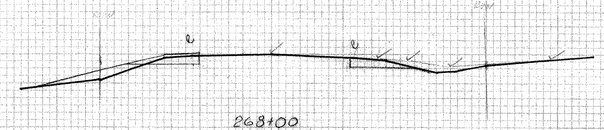
269+00



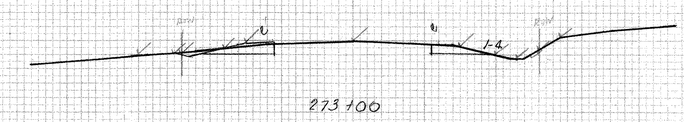
268+50



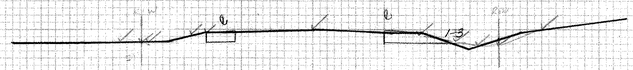
267+82 @ 90°
FAIR
18" RCP w SHC Inlet
Extend 13' Inlet 13' Outlet



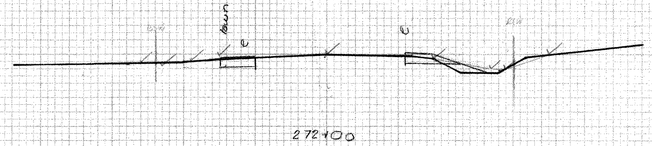
268+00



273+00



272+50



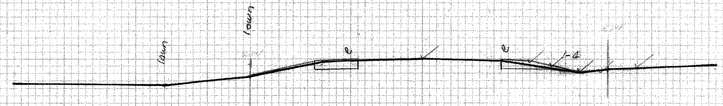
272+00



271+50



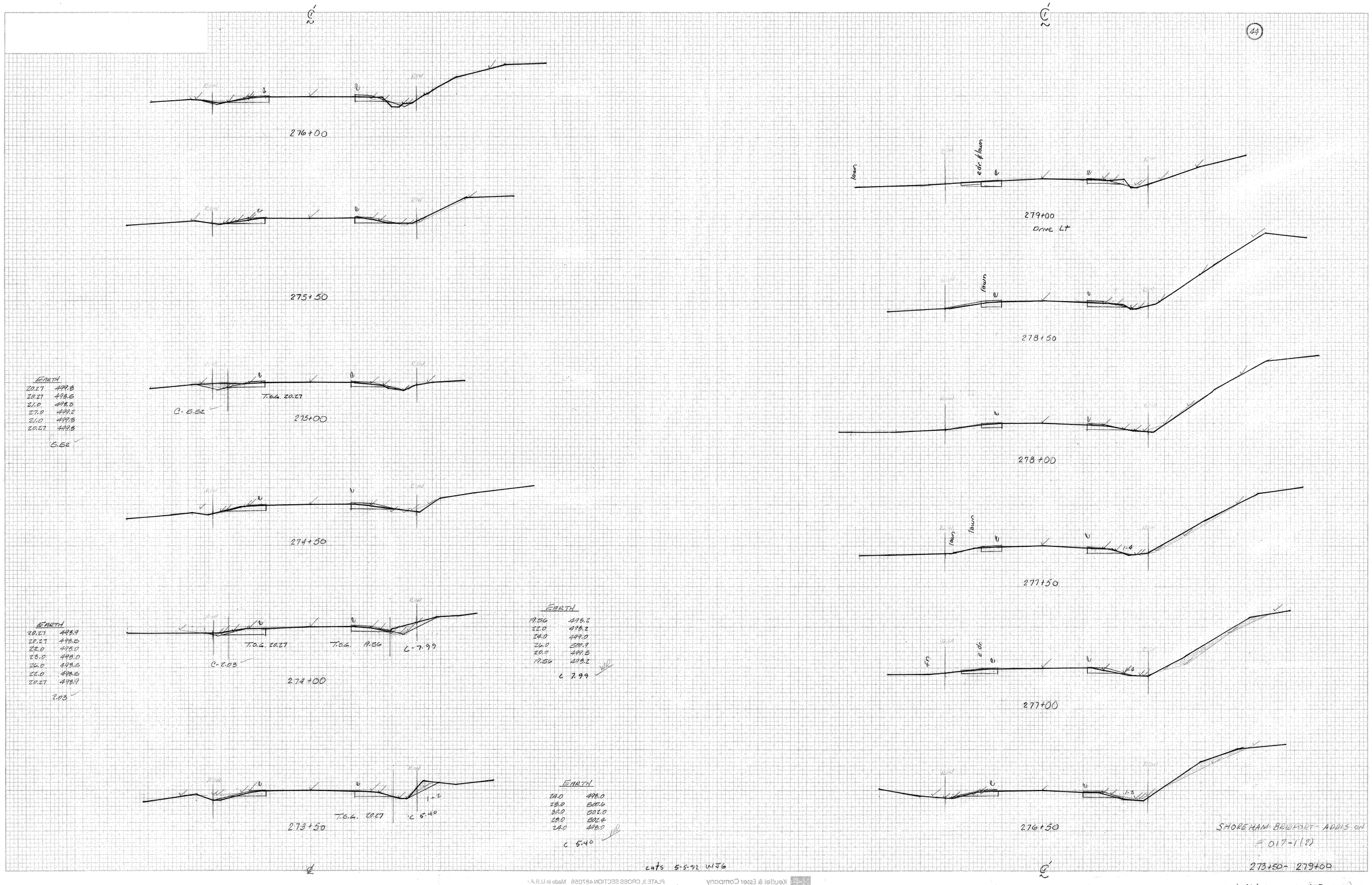
271+00
Drive Lt.



270+50

SHOREHAM - BRIDPORT - ADDISON
F 017-1(6)
ORIGINAL SECTIONS
268+00 to 273+00

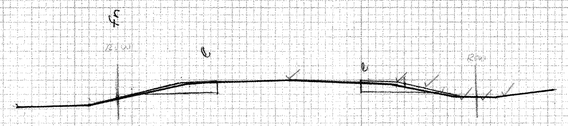
DATE	BY	DESCRIPTION
		VERIFIED CHECKED
		FINAL SURVEY ADDED
		HOLE BORX
		TANK PIT
		SURVEYED
		DRAWING

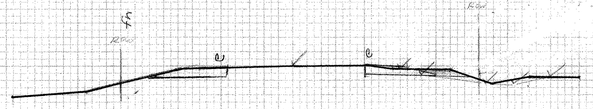


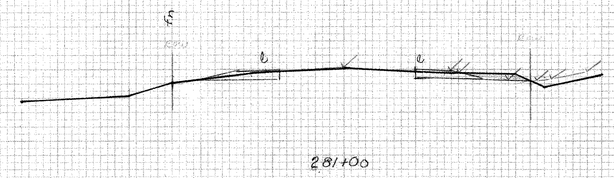
SHOREHAM BRIDPORT - ADDIS ON
017-1(2)

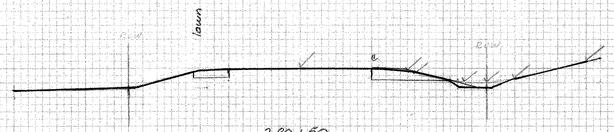
273+50 - 279+00

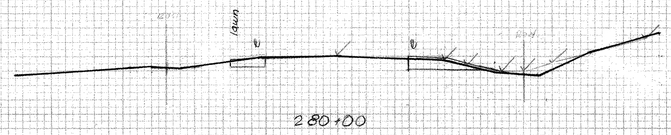
cuts 5-5-92 WJG

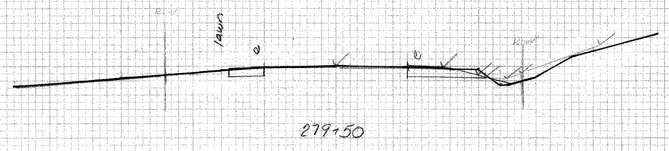


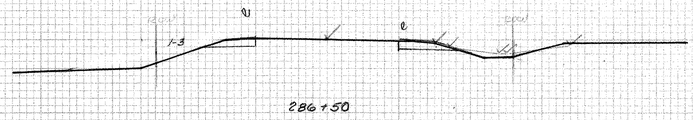


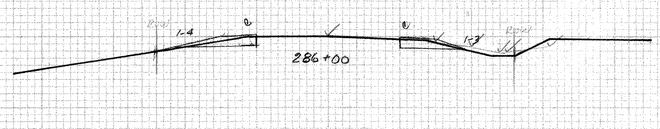


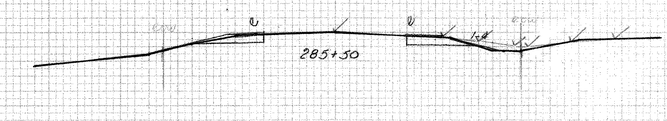


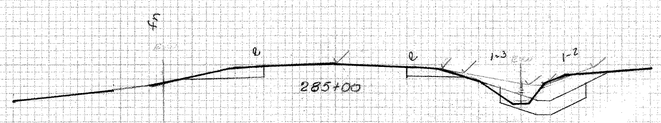




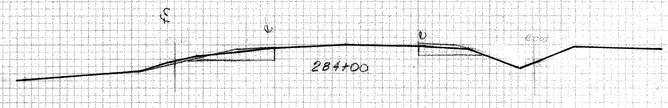


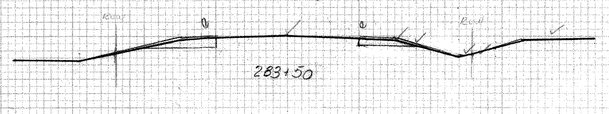


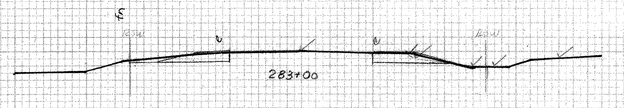


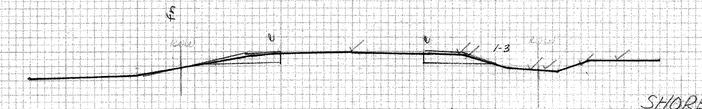


284+85 ± 285+06
CONSTRUCT SPECIAL DITCH
(SEE LAYOUTS, AND TYPICAL SECTION)









SHOREHAM-BRIDPORT-ADDS ON
F 017-1(12)

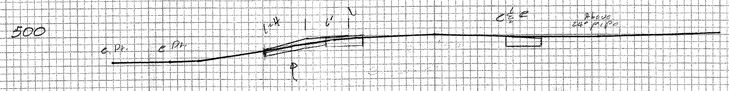
279+50 - 286+50
Sheet 361-D of 477

Kettell & Esser Company PLATE 3, CROSS SECTION 482058 Made in U.S.A.

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
No.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

288+55 - 292+30 RT

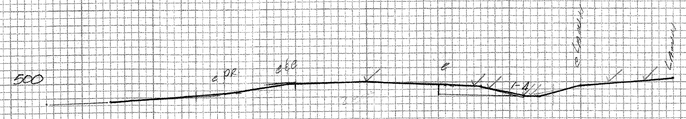
8' PAVED SHLDR



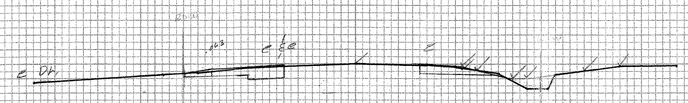
288+50

Gravel Drive Rt

288+45 BEGIN TAPER TO 8' SHLDR



288+00



290+00



287+50



289+50



287+00



289+00

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
No.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

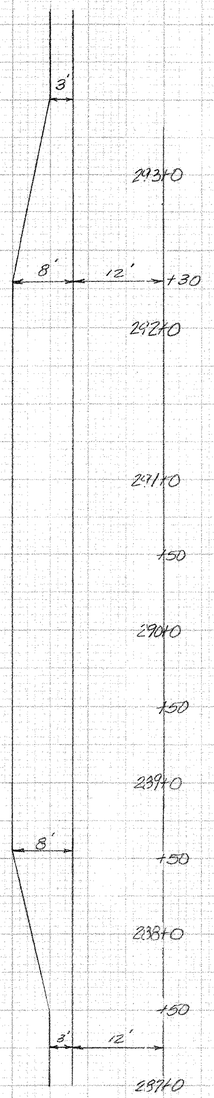
SHOREHAM-BRIDPORT-ADDISON

F 017-1(2)

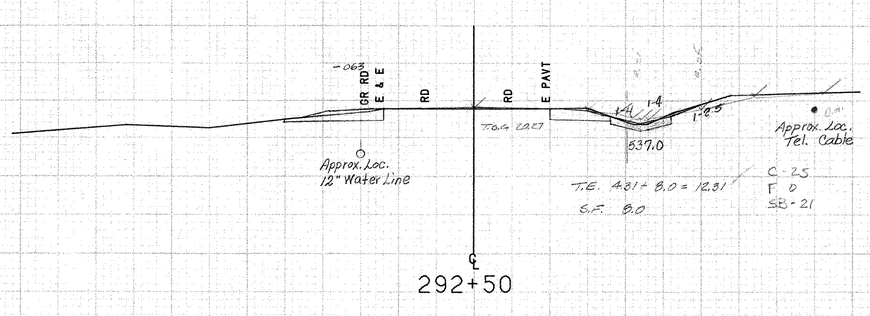
ORIGINAL SECTIONS

287+00 - 290+00

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION



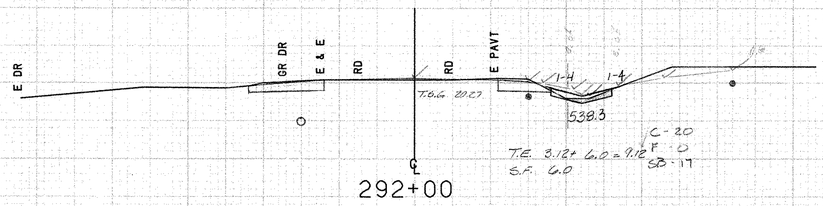
288+55Lt ~ 292+30Lt
Grade, Shim & Pave Existing 8 foot Shldr.
Pave w/ 2" Bit Conc Pavement.



T.E.	
20.27	536.3
22.0	536.0
24.0	537.0
26.0	538.0
23.0	536.8
21.0	536.3
20.27	537.3
20.27	536.3

4.31

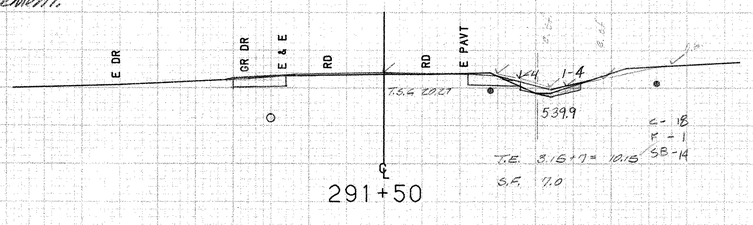
530



T.E.	
20.27	538.0
22.0	537.4
24.0	538.2
24.0	539.2
23.0	538.0
20.27	538.0

3.12

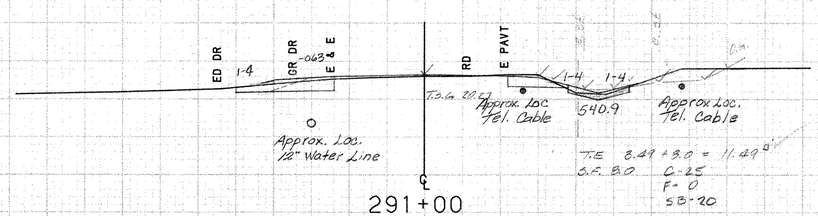
540



T.E.	
20.27	539.8
22.0	539.0
24.0	539.8
26.0	540.8
22.0	539.4
20.27	539.3

3.15

540



T.E.	
20.27	541.0
20.27	540.8
23.0	540.0
27.0	541.0
27.0	540.8
24.0	540.6
20.27	541.0

8.49

540

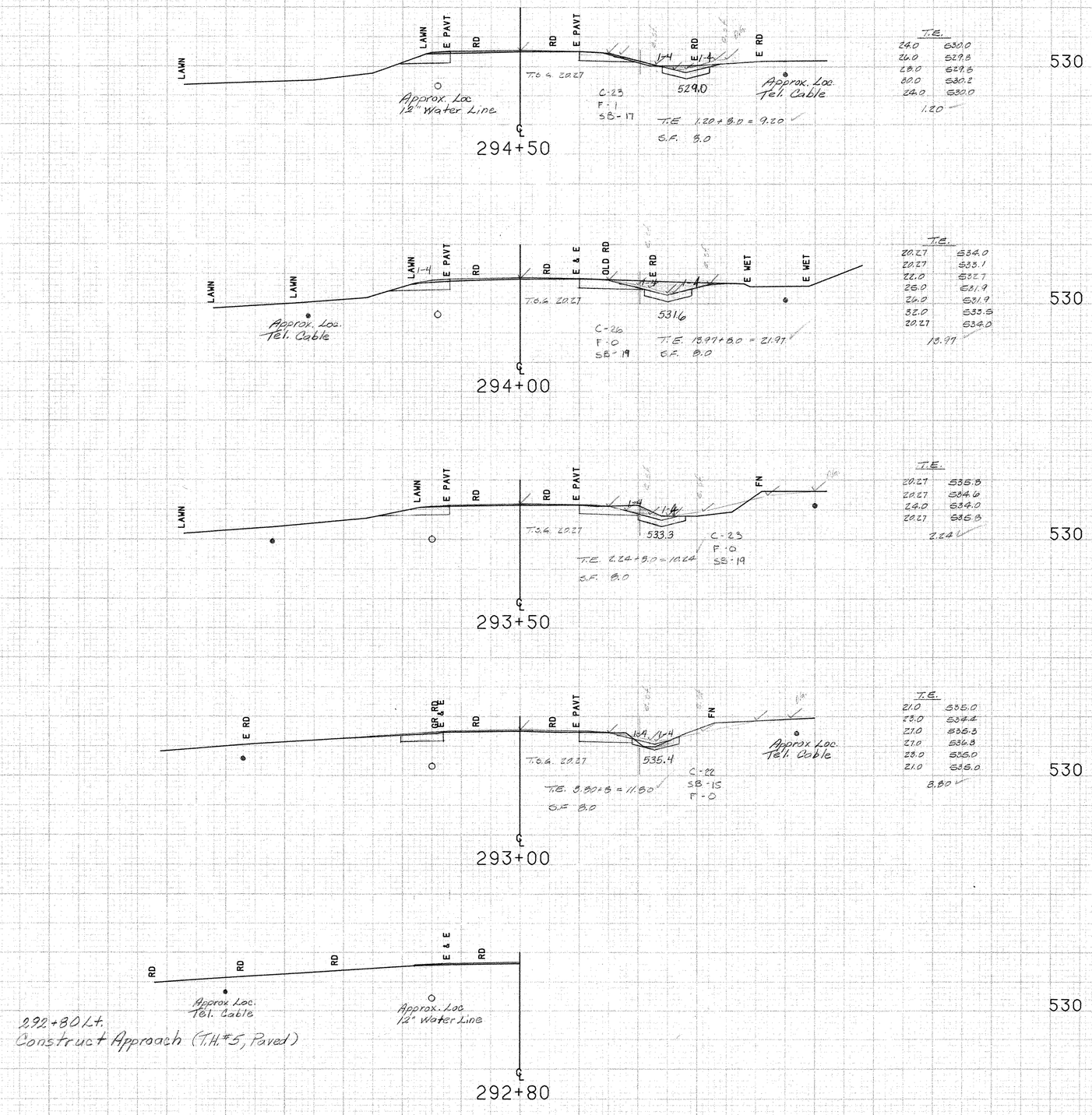
288+60 Rt.
Begin Special Ditch w/Stone Fill Type I

Bridport MM 5.38 ~ MM 5.68

cats ✓ NJS 6-5-92

SCALE 10 FEET

FROM STA.	291+00 TO STA. 292+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON
NO.	F017-1(2) PLOTTED 05/27/88
SURVEYED BY	MOREAU 05/88 0130
SHEET 362 OF 420 SHEETS	SHEET 362 OF 477



T.E.

24.0	530.0
26.0	529.8
28.0	529.8
30.0	530.2
24.0	530.0

1.20

T.E.

20.27	534.0
20.27	533.1
22.0	532.7
25.0	531.9
26.0	531.9
32.0	533.5
20.27	534.0

13.97

T.E.

20.27	535.8
20.27	534.6
24.0	534.0
20.27	535.8

2.24

T.E.

21.0	535.0
23.0	534.4
27.0	535.3
27.0	536.8
23.0	535.0
21.0	535.0

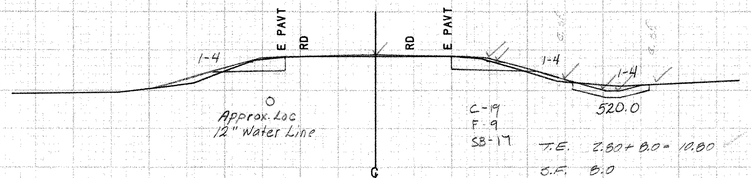
8.80

Bridport MM 5.38 ~ MM 5.68

cuts ✓ WJG 5-5-92

SCALE 10 FEET

FROM STA. 292+80		TO STA. 294+50	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1 (2)	PLOTTED 05/27/88	
SURVEYED BY	MOREAU	05/88	0130
SHEET 363 OF 420 SHEETS		SHEET 363 OF 477	

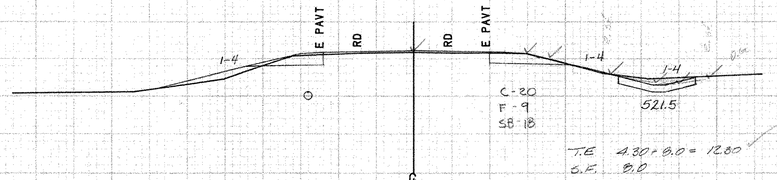


T.E.	
27.0	521.0
30.0	520.2
32.0	520.2
35.0	520.8
32.0	520.7
27.0	521.0

2.80

Approx. Loc. Tel. Cable

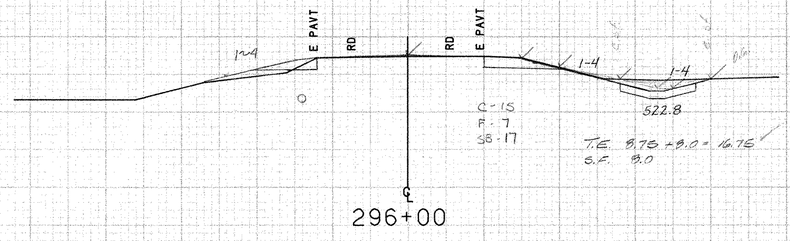
520



T.E.	
26.0	523.0
32.0	521.7
34.0	521.8
37.0	521.6
31.0	522.4
26.0	523.0

4.30

520

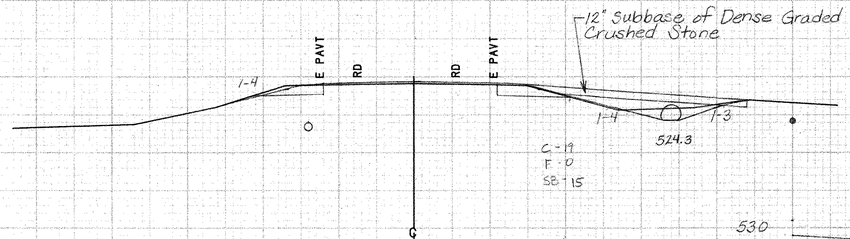


T.E.	
28.0	524.5
33.0	523.1
35.0	523.1
40.0	524.2
28.0	524.5

8.75

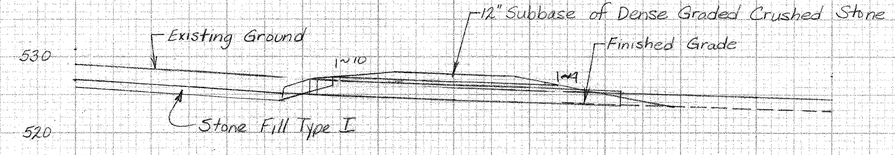
520

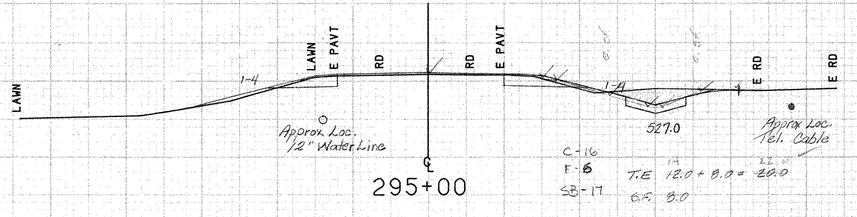
295+70 Rt
Begin Special Ditch w/ Stone Fill Type I



295+50 Rt.
New 35" × 24" × 40' CSP Arch (0.079)
CSP Arch End Section
Construct Drive (16'-Gravel)

520





295+34 Rt
End Special Ditch w/ Stone Fill Type I

530

T.E.	
24.0	525.5
30.0	527.0
38.0	529.0
30.0	529.0
24.0	525.5

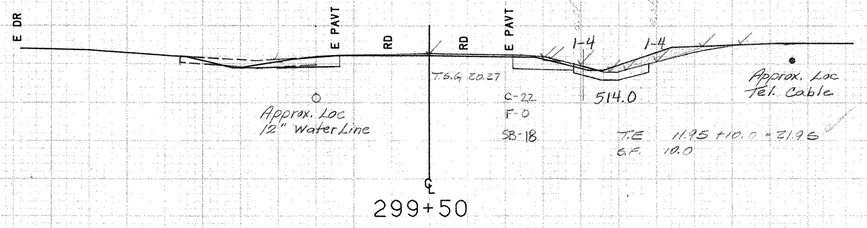
12.0
14.0

Bridport MM 5.38 ~ MM 5.68

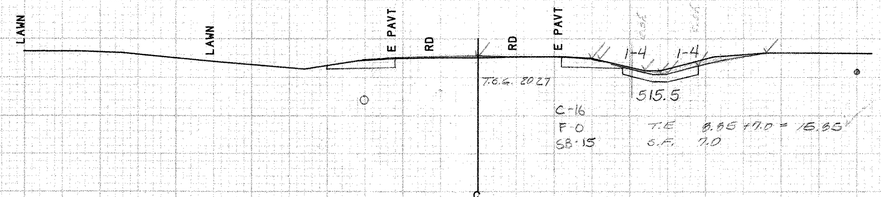
SCALE 10 FEET

FROM STA. 295+00	TO STA. 297+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON
NO.	F017-1 (2) PLOTTED 05/27/88
SURVEYED BY	MOREAU 05/88 0130
SHEET 364 OF 420 SHEETS	SHEET 364 OF 477

299+60 Lt.
Existing 15" ACCGMP ~ Retain
Construct Drive (Gravel, 12ft. wide)

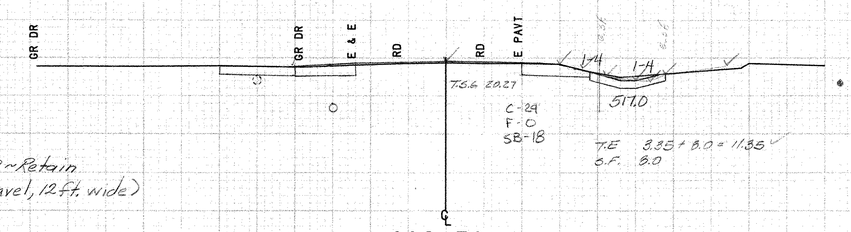


510



510

298+50 Lt.
Existing 15" ACCGMP ~ Retain
Construct Drive (Gravel, 12ft. wide)



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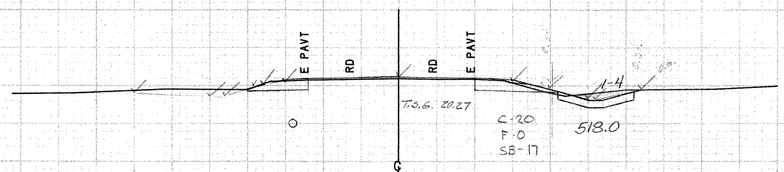
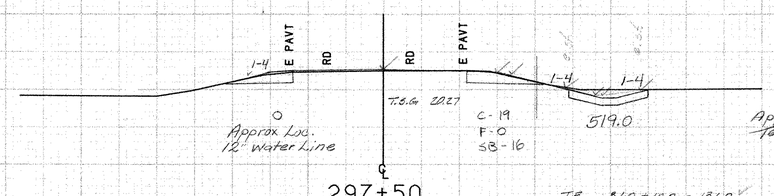


520

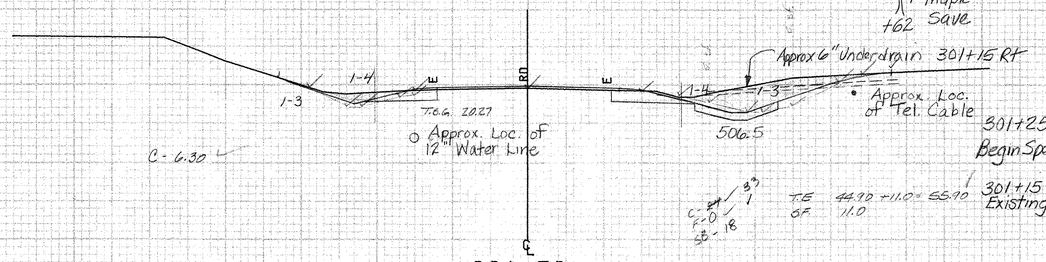


520

Bridport MM 5.68 ~ MM 6.10

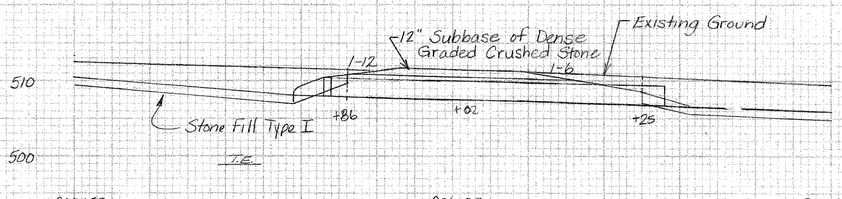
FROM STA.	297+50	TO STA.	299+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	05/27/88
SURVEYED BY	MOREAU	05/88	0130
SHEET 365 OF 420 SHEETS		SHEET 305 OF 477	

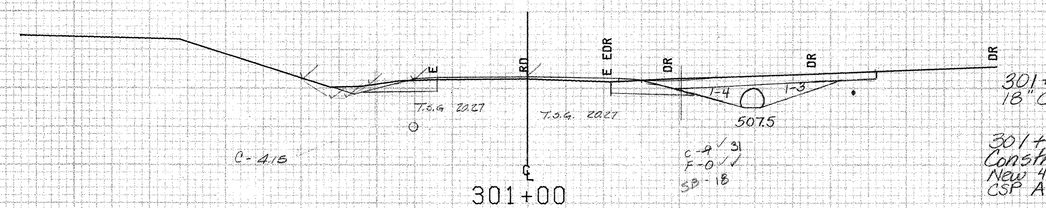
SCALE 10 FEET



301+25 Rt
Begin Special Ditch w/ Stone 500 Fill Type I

301+15 Rt
Existing 6" Underdrain ~ Remove, Shorten, & Relay



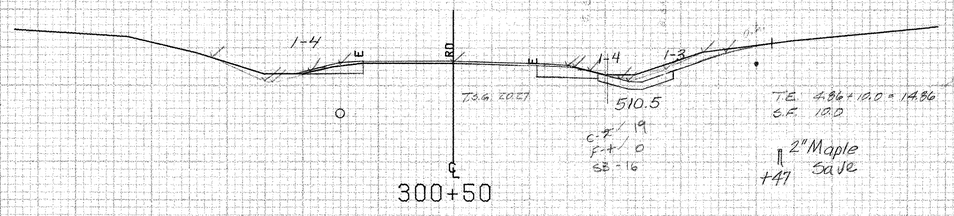


301+02 Rt
18" CGMP ~ Remove 510

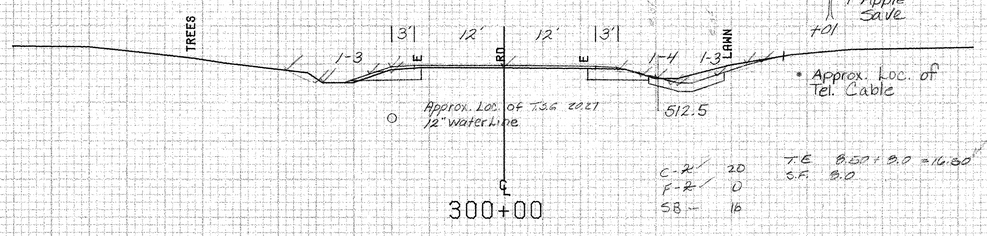
301+02 Rt
Construct Drive (16' Wide - Grave1)
New 42" x 29" x 44' CSP Arch (.079) w/
CSP Arch End Section

1" Maple
+73 Save

300+86 Rt
End Special Ditch w/ Stone Fill Type I



510

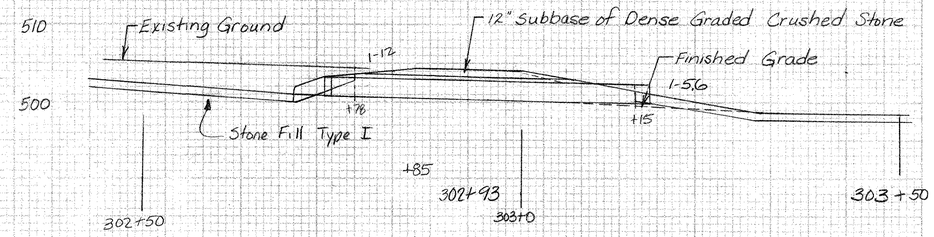


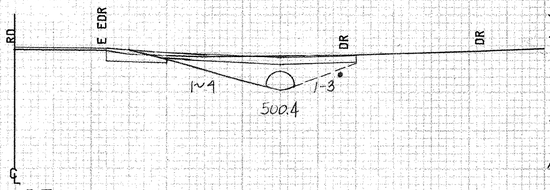
510

BRIDPORT MM 5.68 ~ MM 6.10
SEE SHEET OF

FROM STA.	300+00	TO STA.	301+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	02/28/84
SURVEYED BY	FANTONI		FEBRUARY 84
SHEET 366 OF 420 SHEETS		SHEET 300 OF 477	

SCALE 10 FEET



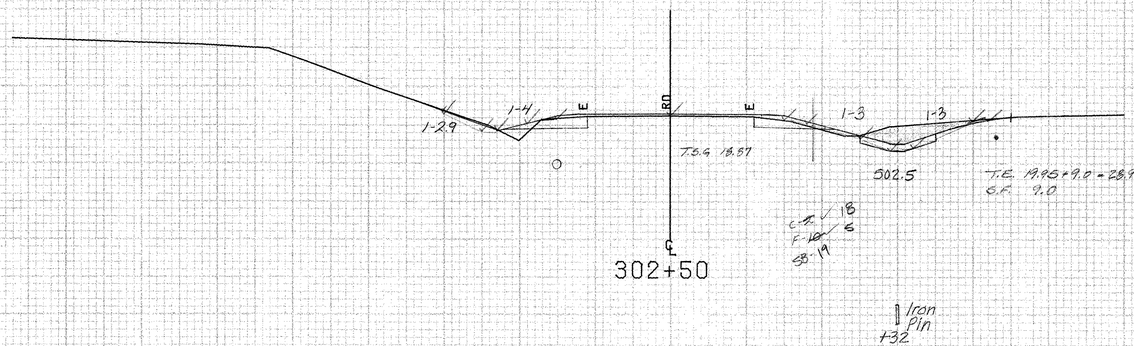


302+93 Rt.
24" CGMP ~ Remove

500

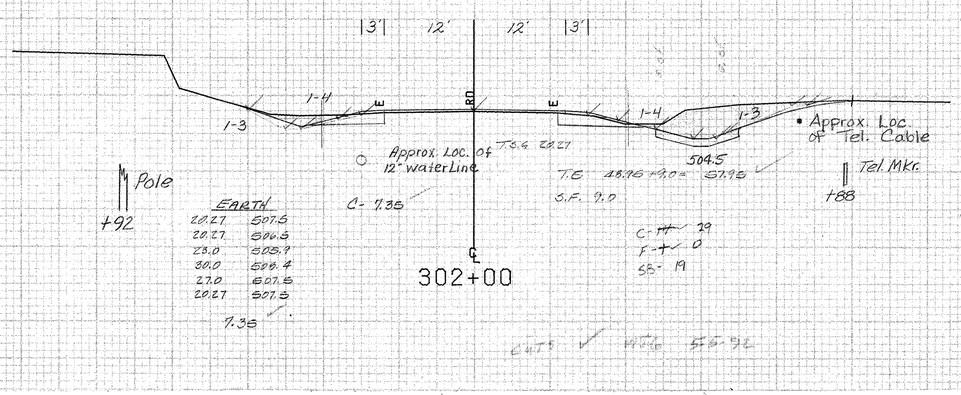
302+93 Rt.
Construct Drive, (14' Wide - Gravel)
New 42" x 29" x 42' CSP Arch
w/ CSP Arch End Section

302+78 Rt
End Special Ditch w/ Stone Fill Type I



T.E.	
25.0	503.2
19.0	502.7
51.0	502.7
40.0	505.4
29.0	505.0
26.0	503.2
19.95	

500



EARTH	
20.27	507.5
20.27	506.5
23.0	505.9
30.0	506.4
27.0	507.5
20.27	507.5
7.38	

T.E.	
21.0	506.4
24.0	505.6
29.0	504.4
32.0	504.4
38.0	504.9
42.0	505.7
44.0	506.9
38.0	507.0
28.0	506.2
25.0	506.5
21.0	506.4
48.95	

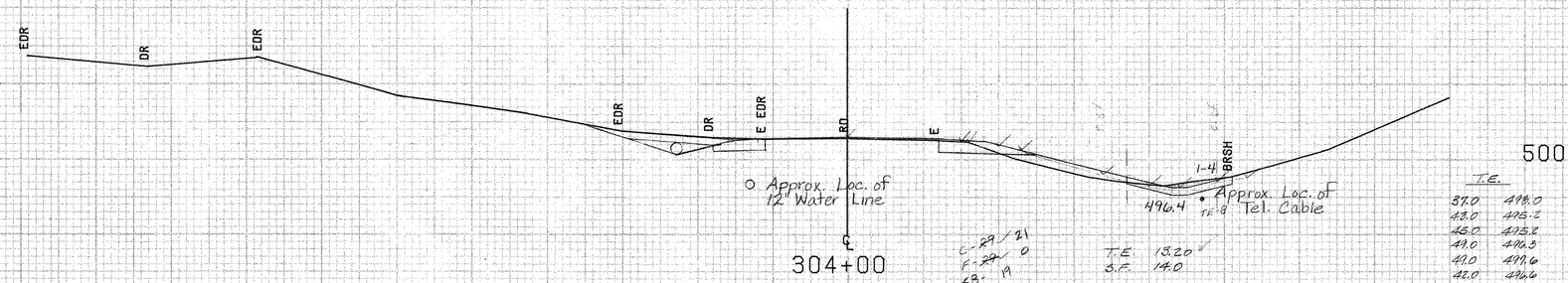
500

302+11 ~ 302+24 Rt.
4" Plastic Underdrain, Remove and Relay

BRIDPORT MM 5.68 ~ MM 6.10

SCALE 10 FEET

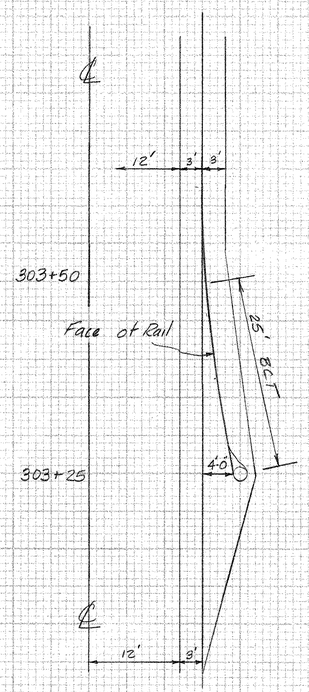
FROM STA. 302+00	TO STA. 302+85
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON
NO.	F017-1(2) PLOTTED 02/28/84
SURVEYED BY	FANTONI FEBRUARY 84
SHEET 367 OF 420 SHEETS	SHEET 36 OF 477



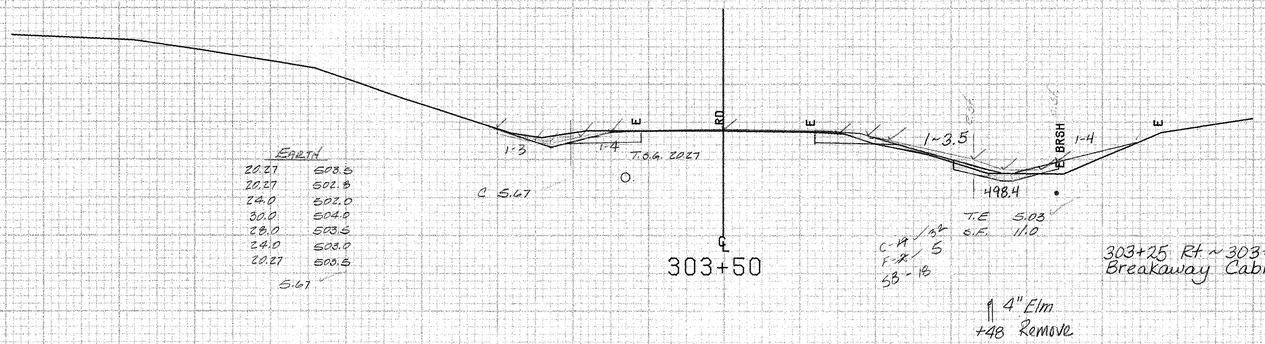
500

T.E.	
37.0	499.0
43.0	495.2
45.0	493.7
49.0	490.3
40.0	497.6
42.0	496.6
37.0	495.0

13.20



303+50 Rt
Begin Steel Beam Guard Rail



EARTH	
20.27	503.5
20.27	502.5
24.0	502.0
30.0	504.0
28.0	503.5
24.0	503.0
20.27	503.5

5.67

500

T.E.	
33.0	498.8
33.0	498.1
36.5	497.2
38.5	497.2
42.0	498.0
35.0	498.0
33.0	498.8

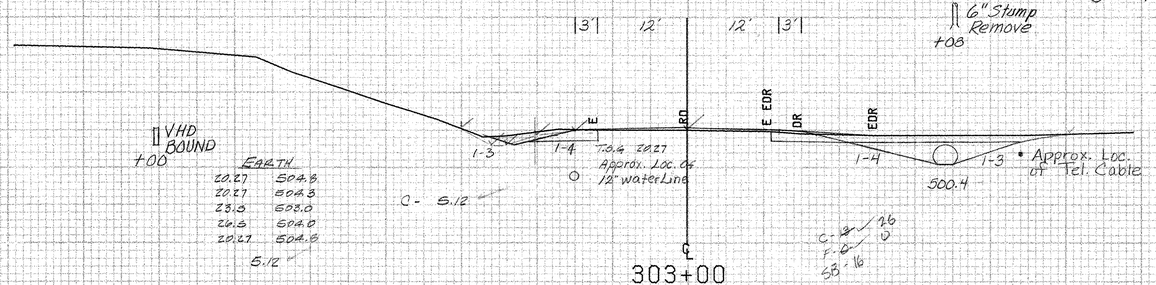
5.03

303+25 Rt ~ 303+50 Rt
Breakaway Cable Terminal

4" Elm
+48 Remove

303+15 Rt
Begin Special Ditch w/ Stone Fill Type I

6" Stump
Remove
+08



EARTH	
20.27	504.8
20.27	504.3
23.5	503.0
26.5	504.0
20.27	504.8

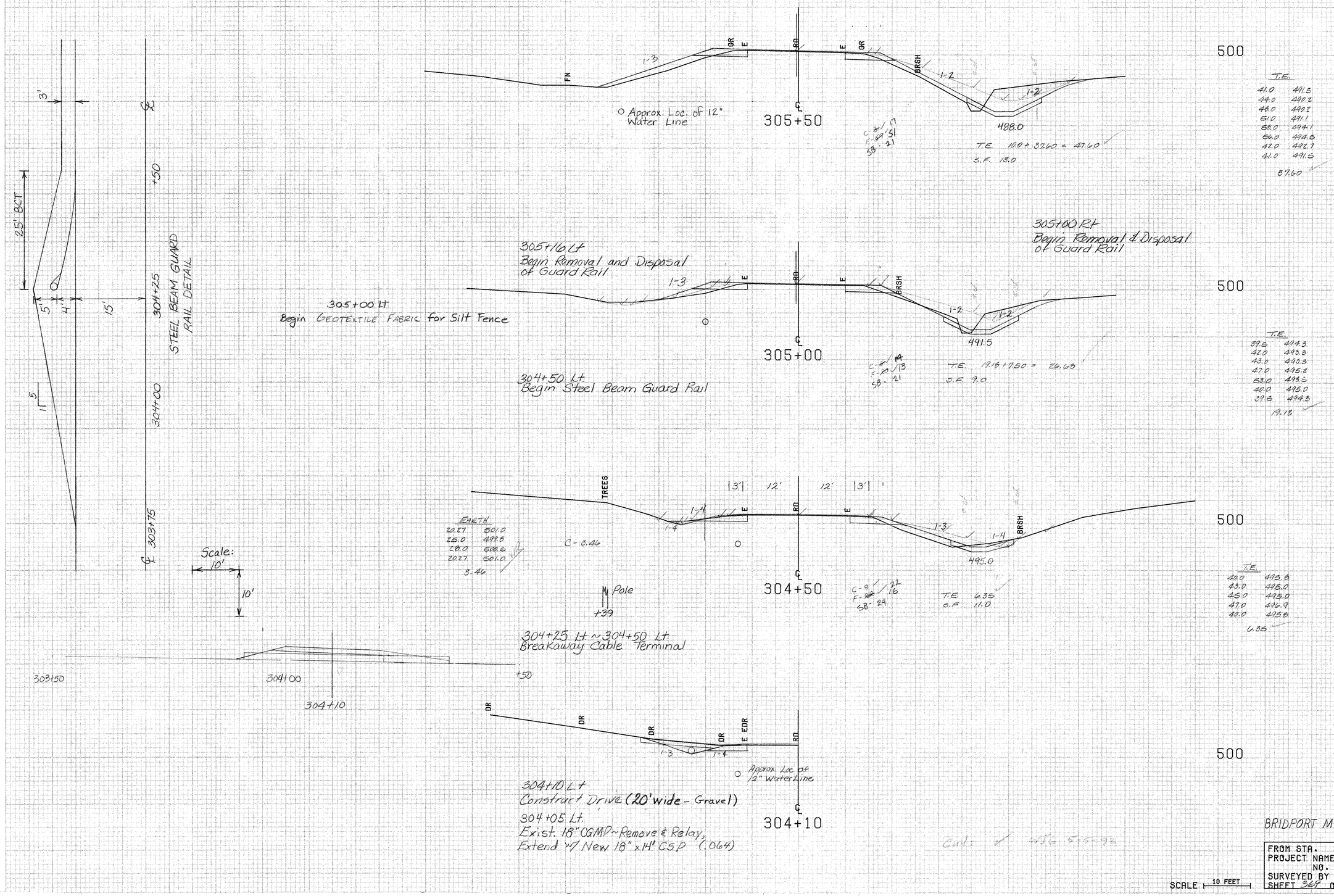
5.12

500

BRIDPORT MM 5.68 ~ MM 6.10

FROM STA.	303+00	TO STA.	304+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	02/28/84
SURVEYED BY	FANTONI	FEBRUARY 84	
SHEET 368 OF 420 SHEETS		SHEET 368 OF 477	

SCALE 10 FEET



BRIDPORT MM 5.68 ~ MM 6.10

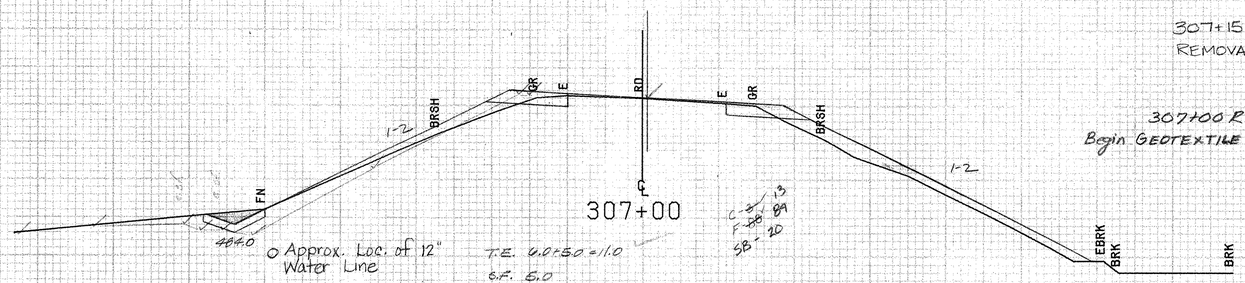
FROM STA. 304+10		TO STA. 305+50	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED 02/28/84	
SURVEYED BY	FANTONI	FEBRUARY 84	
SHEET 369 OF 420	SHEETS	SHEET 369 OF 477	

SCALE 10 FEET

307+15 RT (30 FT)
REMOVAL OF EXISTING FENCE (NON-PART.)

500

307+00 RT
Begin GEOTEXTILE FABRIC for Silt Fence



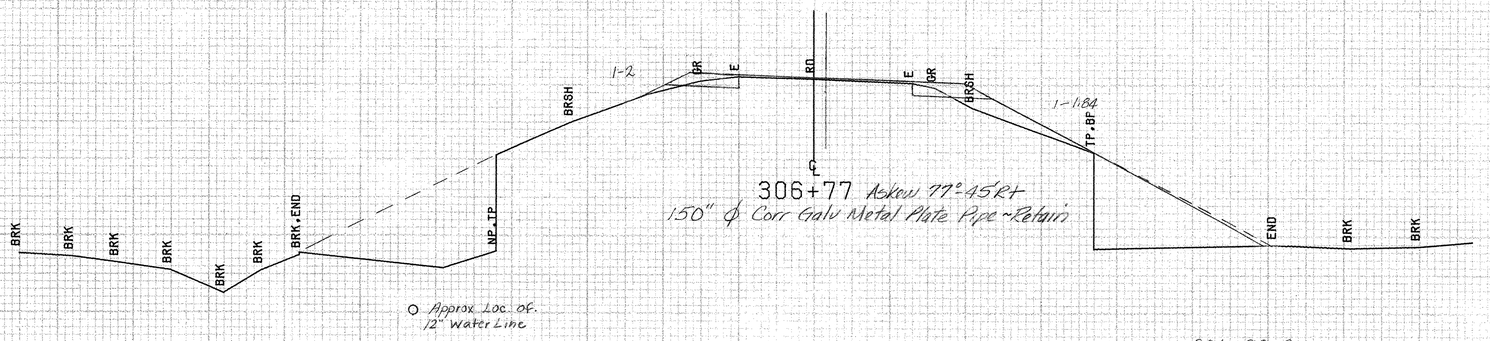
O Approx. Loc. of 12" Water Line

T.E. 6.0+5.0=11.0
S.F. 5.0

T.E.	
50.0	486.0
55.0	484.0
58.0	483.2
60.0	486.0
6.0	

306+70 Lt
Begin Special Ditch w/ Stone Fill, Type I

500

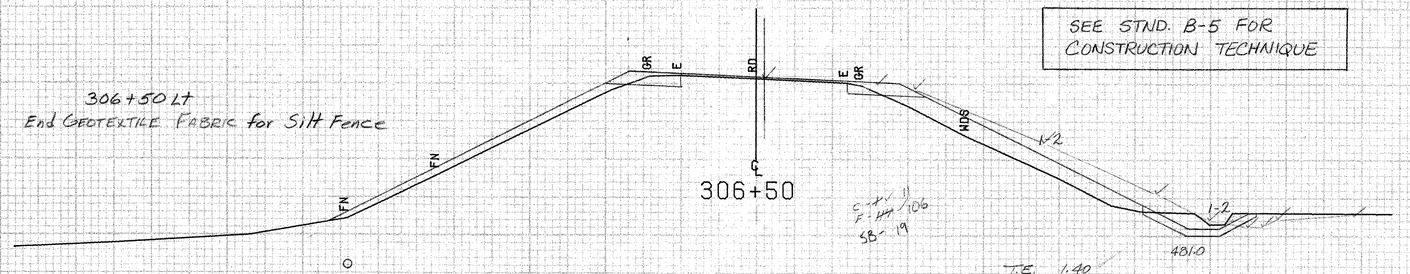


O Approx Loc. of 12" Water Line

306+90 Rt
End Special Ditch #7 Stone Fill, Type I

SEE STND. B-5 FOR CONSTRUCTION TECHNIQUE

500



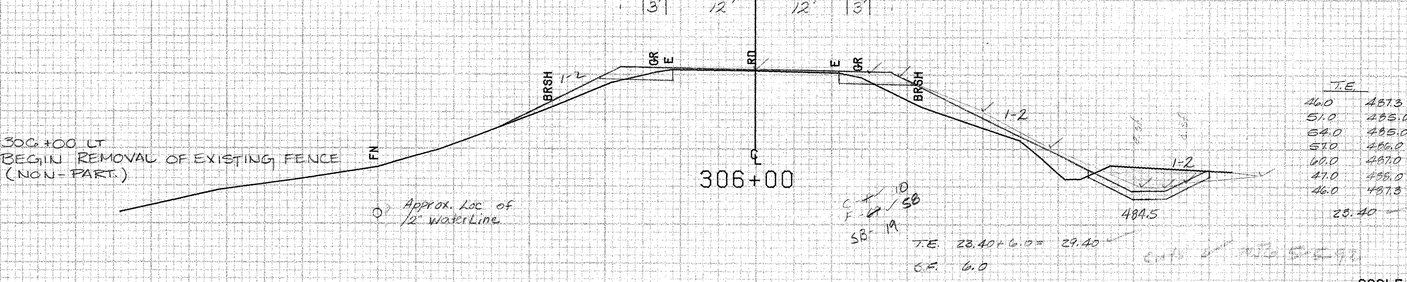
306+50 Lt
End GEOTEXTILE FABRIC for Silt Fence

T.E. 1.40
S.F. 0

T.E.	
62.0	481.6
65.0	483.0
63.0	483.0
62.0	481.6
1.40	

306+50 Rt
ZERO S.F.
WR/ 3-23-82

500



306+00 LT
BEGIN REMOVAL OF EXISTING FENCE (NON-PART.)

O Approx. Loc. of 12" Water Line

T.E. 28.40+6.0= 29.40
S.F. 6.0

T.E.	
46.0	487.3
51.0	485.0
54.0	485.0
57.0	486.0
60.0	487.0
47.0	485.0
46.0	487.3
28.40	

SCALE 10 FEET

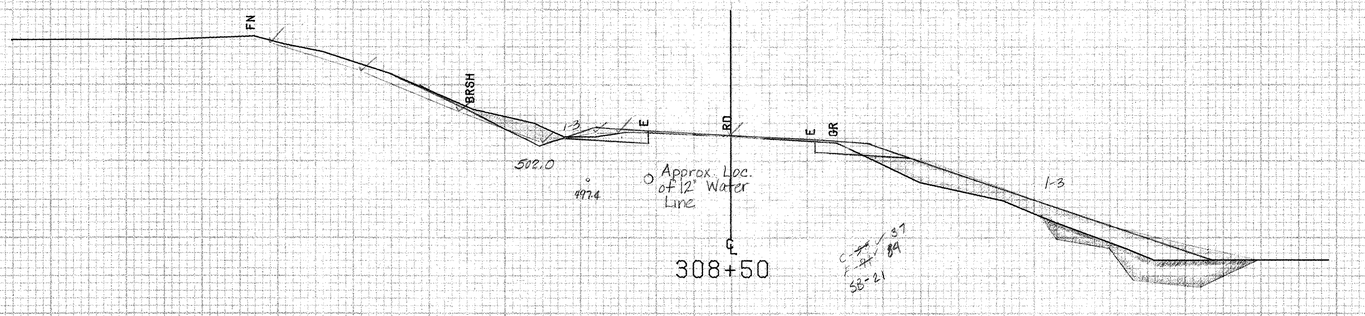
BRIDPORT MM 5.68 ~ MM 6.10

FROM STA.	306+00	TO STA.	307+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	02/28/84
SURVEYED BY	FANTONI		FEBRUARY 84
SHEET 370 OF 1120 SHEETS		SHEET 370 OF 477	

EARTH

22.0	503.0
25.0	502.4
30.0	504.1
41.0	510.0
34.0	506.8
26.0	505.0
22.0	503.0

20.1



CE UC	
65	487.9
62	484.4
53	484.5
50	488.7
43	489.8
41	492.8
43	492.1
52	488.8
56	487.2
63	487.2
69	487.2
65	487.9

SF	
65	487.9
62	484.4
53	484.5
50	488.7
43	489.8
41	492.8
36	495
25	497.4
18	500.2
25	500.3
40	495.1
50	492.4
63	488.6
69	487.2
65	487.9

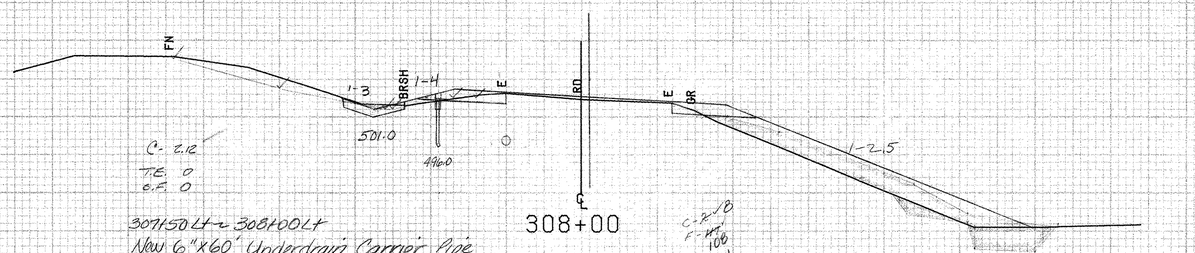
SF 153.15

308+00 Lt
End Special Ditch w/ Stone Fill Type I
Begin Special Ditch w/ Erosion Matting (Ends @ 312+25 Lt.)
Begin 6"x460' Underdrain (Ends @ 312+50 Lt.)

EARTH

25.0	501.7
27.5	501.0
30.0	502.0
25.0	501.7

2.12



CE UC	
59	482.3
51	482.7
50	486.1
51	485.6
60	485.6
61.5	485.7
59	482.3
49	486.3
42	487.2
40	489.8
49	486.3

SF	
59	482.3
51	482.7
50	486.1
42	487.2
40	489.8
36	491.6
25	496.2
15	500.1
18	500
25	498
43	491.1
50	487.3
57	486.1
62	485.6
59	482.3

307+50 Lt ~ 308+00 Lt
New 6"x60' Underdrain Carrier Pipe w/ Flushing Basin @ 308+00 Lt.

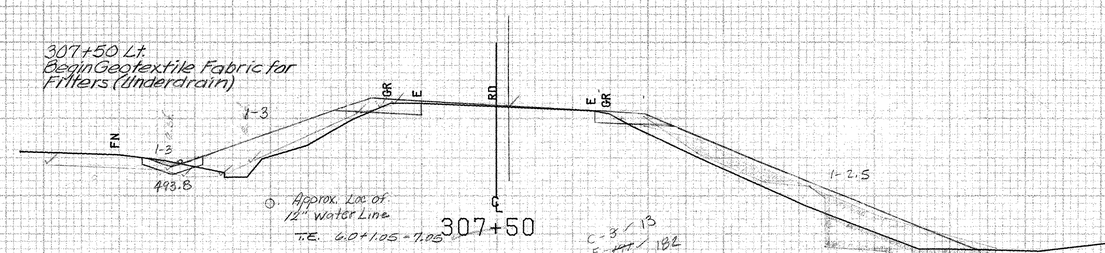
307+74 Lt
End Removal & Disposal of Guard Rail

307+50 Lt.
Begin Geotextile Fabric for Filters (Underdrain)

T.E.

42.0	494.3
43.0	494.0
46.0	495.0
44.0	494.7
42.0	494.3

1.05



CE UNDERCUT	
61	477.9
52	478.1
50	482.7
42	482.3
42	489.7
54.5	482.1
58.5	483.1
64.5	482.9
64	481.8
61	477.9

SF	
61	477.9
52	478.1
50	482.7
42	483.3
42	489.7
40	491.3
34	491.8
25	495.7
21	498.3
25	497.4
34	493.4
42	491.35
50	487.0
58	484.1
65	483.5
61	477.9

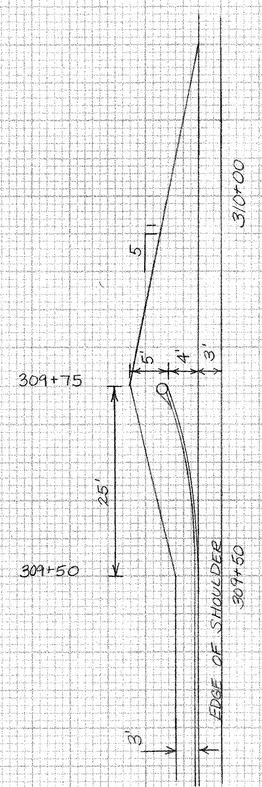
SF 155.350

307+40 LT.
END REMOVAL OF EXISTING FENCE (NON-PART.)

BRIDPORT MM 5.68 ~ MM 6.10

SCALE 10 FEET

FROM STA. 307+50		TO STA. 308+50	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED 02/28/84	
SURVEYED BY	FANTONI	FEBRUARY 84	
SHEET 371 OF 420 SHEETS		SHEET 371 OF 477	



Scale:
10'
10'

309+50 ~ 309+75 Lt.
Breakaway Cable Terminal

309+50 Lt.
End Steel Beam Guard Rail

310+40
Begin Geotextile Fabric for Filters (Subgrade)

310+37
Begin Sand Borrow

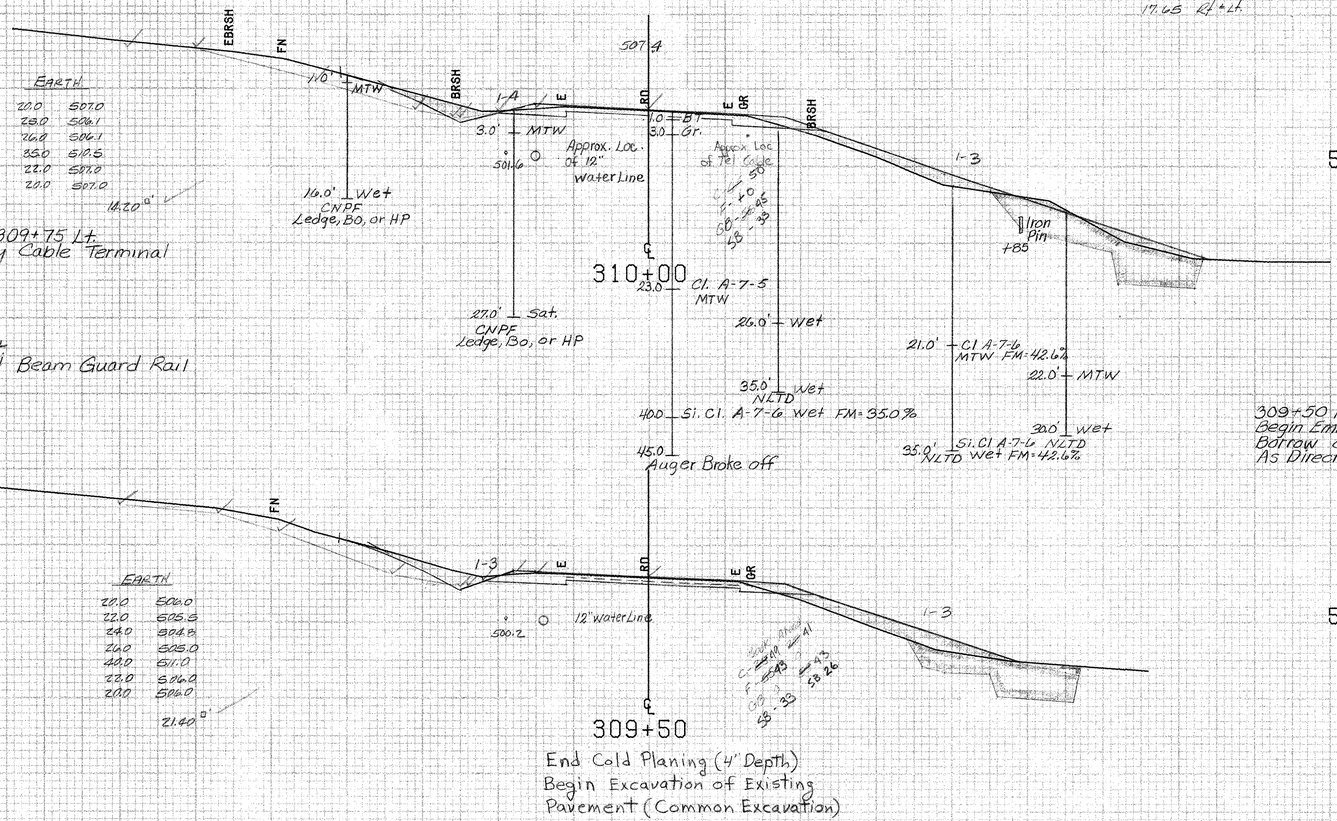
310+00
Begin 50' Transition to Full Depth Subbase Repair
See Sheet 150 of 420 for Details

COMMON	ROADWAY
0	507.4
13	506.6
9	504.8
11	505.1
11	506.0
-11	507.0
-11	506.2
-20	507.0
-19	507.3
-11	507.9
0	507.4

35.30 ft / 2 = TOTAL
17.65 Rt + Lt

CE	UC
72	484
62	489.8
61	488.7
49	491.8
45	496.8
53	495.4
65	490.2
72	486.0
73	488.2
72	484
	112.65

SF	
72	484
62	489.8
61	488.7
49	491.8
45	496.8
39	497.7
30	501.3
22	504.0
20	504.5
32	503.4
25	503.5
39	499.0
53	494.4
66	490.4
73	488.2
72	484



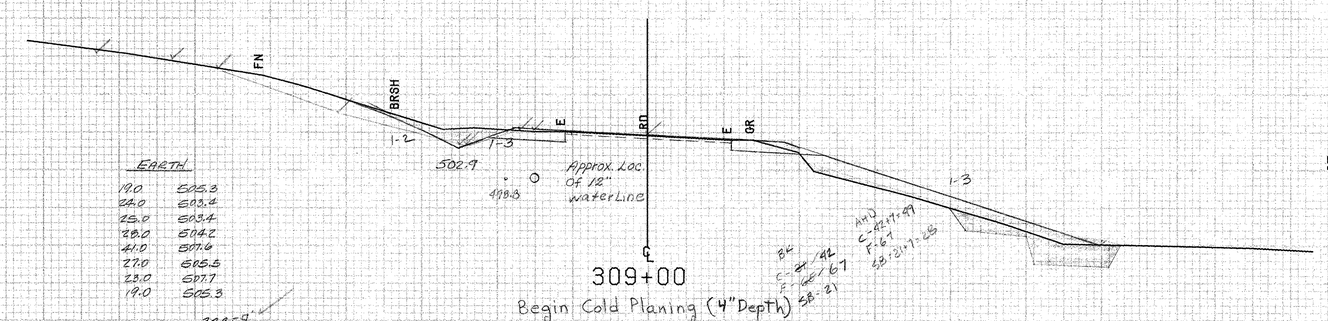
309+50 Rt.
Begin Embankment Material of Granular Borrow or Other Select Granular Material As Directed by the Engineer

CE	UC
56	489.4
46	490.1
45	490.1
39	493.3
36	494.1
34	495.9
28	496.3
43	495
57	494.2
56	489.4

SF	
56	489.4
46	490.1
45	493.1
39	493.3
36	494.1
34	495.9
31	499
20	503.1
17	503.9
25	502.8
32	503.2
50	494.5
55	493
57	493
56	489.4

CE	UC
61	487.3
51	487.7
50	491.2
42	492
40	495
47	490.1
55	490.4
62	490.1
61	487.3

SF	
61	487.3
51	487.7
50	491.2
42	492
40	495
34	496.9
22	500
21	501
25	499.9
34	496.3
50	495
60	490.5
62	490.1
61	487.3



BRIDPORT MM 5.68 ~ MM 6.10

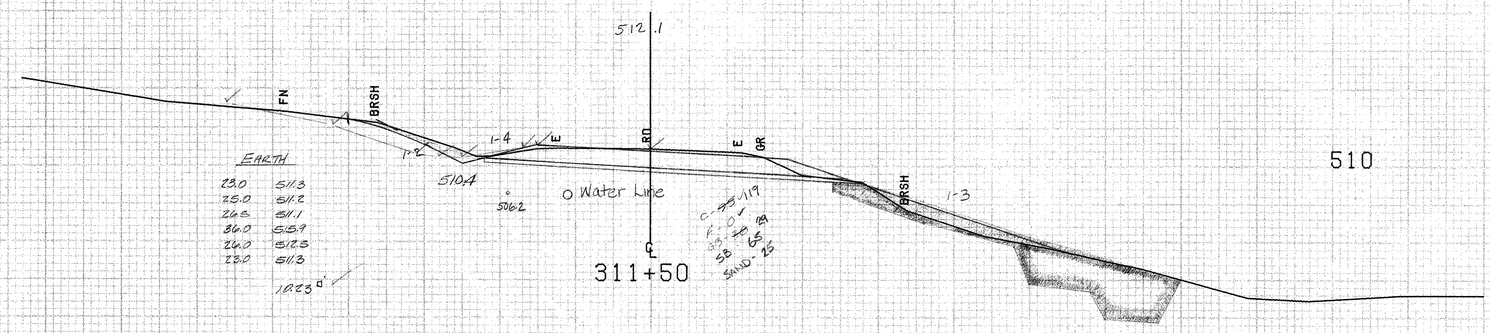
FROM STA.	309+00 TO STA. 310+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON
NO.	FO17-1(2) PLOTTED 02/28/84
SURVEYED BY	FANTONI FEBRUARY 84
SHEET 372 OF 420 SHEETS	SHEET 372 OF 477

SCALE 10 FEET

COMMON ~ ROADWAY

0	512.2
12	511.8
15	511.0
20	509.0
28	507.5
-22	510.5
-22	511.0
-15	512.3
0	512.2

109.50 □'/2 = 54.75 Lt.+Rt.



EARTH

23.0	511.3
25.0	511.2
26.5	511.1
36.0	515.9
26.0	512.5
23.0	511.3

10.23 □'

CE	UC	SF
67	489.4	67 489.4
60	489.9	60 489.9
58	493.4	58 493.4
50	494.5	50 494.5
48	499.4	48 499.4
36	502.3	36 502.3
24	506.7	24 506.7
24	507.8	24 507.8
28	508	36 505.2
34	504.2	50 500.8
44	500.9	55 499.3
53	499.2	70 495
65	496.5	67 489.4
70	495	
67	489.4	

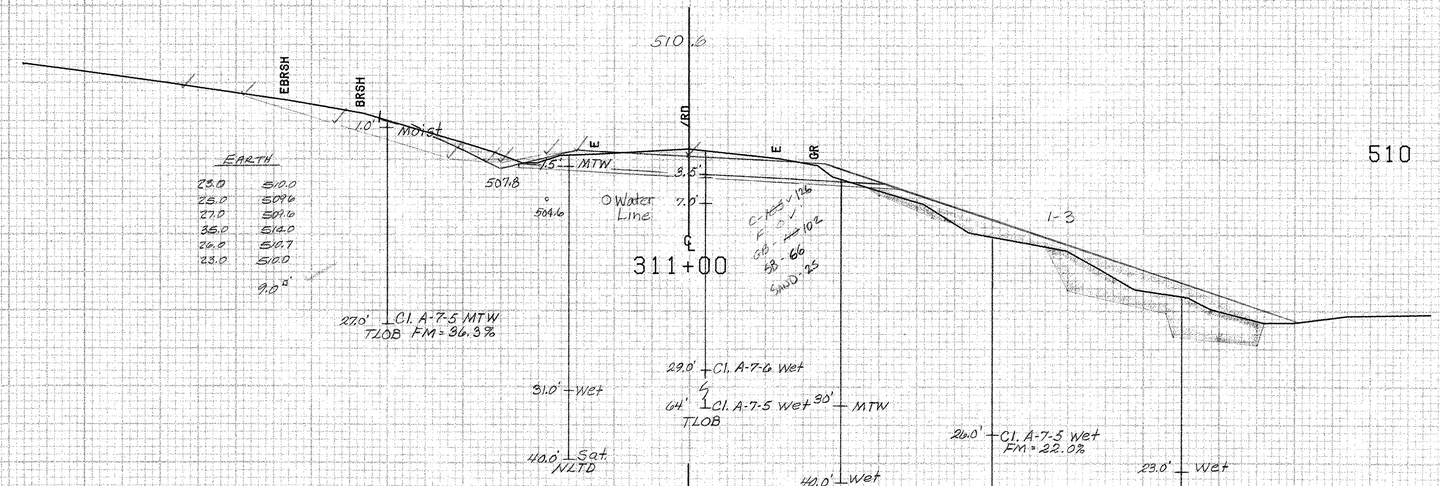
SF 120.35 □'

CE UC 149.95 □'

COMMON ~ ROADWAY

0	511.5
14	509.8
17	509.3
19	507.3
23	506.3
-22.5	509.0
-22.5	509.5
-20	509.6
-17	510.7
-9	511.0
0	511.5

113.20 □'/2 = 56.60 Lt+Rt



EARTH

23.0	510.0
25.0	509.6
27.0	509.6
35.0	514.0
26.0	510.7
23.0	510.0

9.0 □'

CE	UC	SF
75	485.6	75 485.6
64	486.4	64 486.4
63	489.8	63 489.8
50	492.7	50 492.7
47	498.5	47 498.5
50	498	37 500.4
59	492.9	35 501.6
66	491.8	32 502.3
69	490.3	25 505.2
76	488.5	24 506.2
75	485.6	25 506.0
35	501.6	30 503.6
32	502.3	39 501.5
25	505.2	65 493.3
24	506.2	76 488.5
31	504.2	75 485.6
35	501.6	

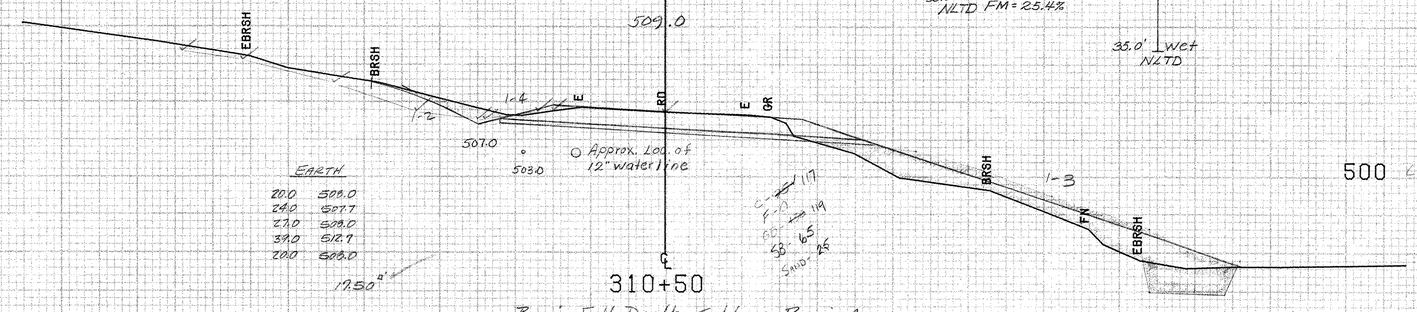
CE UC 170.2 □'

SF 156.85 □'

COMMON ~ ROADWAY

0	509.0
14	508
16	507.1
17	505.5
19	505.0
-22	507.0
-22	507.5
-20	508.1
-19	508.1
-11	509.3
0	509.0

98.85 □'/2 = 49.42 Lt+Rt



EARTH

20.0	508.0
24.0	507.7
27.0	508.0
39.0	512.7
20.0	508.0

17.50 □'

CE	UC	SF
74	484.6	74 484.6
64	485.3	64 485
63	489.0	63 489
69	488.1	58 491.2
76	488.3	56 493.2
74	484.6	43 493.3
		31 500
		25 503.3
		20 504.8
		28 504.4
		33 503.5
		42 501
		51 497.5
		64 493
		69 490.0
		76 488.3
		74 484.6

CE UC 44.5 □'

SF 182.35 □'

Begin Full Depth Subbase Repair Area
End 50' Transition

BRIDPORT MM 5.68 ~ MM 6.10

SCALE 10 FEET

FROM STA.	310+50	TO STA.	311+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	02/28/84
SURVEYED BY	FANTONI	FEBRUARY	84
SHEET 373 OF 420 SHEETS		SHEET 373 OF 477	

313+65 Rt
End Removal of Existing Fence (Non-Part.)

510

313+50
End Excavation of Existing Pavement (Common Excavation)
Begin Cold Planing (4" Depth)

313+00~313+25 Rt
Breakaway Cable Terminal

313+00 Rt
End Geotextile Fabric for Silt Fence

510

313+00 Rt
End Steel Beam Guard Rail

313+00
End 50' Transition from Full Depth Subbase Repair

Station	Elevation
0	515.0
10	514.6
15	513.9
25	511.2
-24	514.1
-18	515.2
-11	515.2
0	515.0

85.30 ft / 2 = 42.65 Hsft

312+63
End Sand Borrow

312+50 Lt
End 6"x460' Underdrain w/ Flushing Basin
End Geotextile Fabric for Filters (Underdrain)

312+60
End Geotextile Fabric for Filters (Subgrade)

312+50
End Full Depth Subbase Repair Area
Begin 50' Transition Area
See Sheet 151 of 420 for Details

Common	Roadway
0	513.7
11	513.4
12	513.2
26	509.4
-23	512.0
-23	512.5
-22.5	512.6
-22.9	512.5
-21.0	512.5
-16.0	513.5
-11.0	513.5
0	513.7

109.80 ft / 2 = 54.90 Hsft

312+25 Lt
End Special Ditch w/ Erosion Matting

312+00 Lt ~ 312+40 Lt
Removal of Existing Fence

Earth
24.0
27.0
38.0
33.0
24.0

9.90 ft

312+50 Rt
End Embankment Material of Granular Borrow or Other Select Granular Material As Directed by the Engineer

312+08 Rt
End Removal & Disposal of Guard Rail

312+05 Rt
Begin Removal of Existing Fence (Non-Part.)

510

STEEL BEAM GUARD RAIL DETAIL

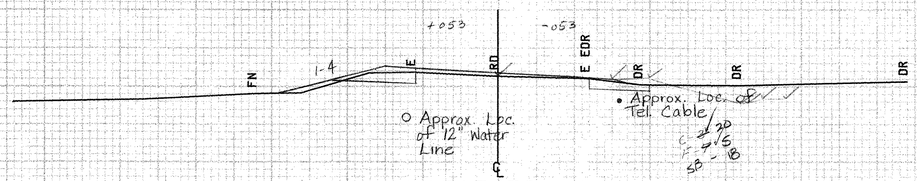
Scale: 10'

CE	UC	SF
48	498.3	48
40	499.3	40
39	502.8	39
31	503.6	31
30	505.9	30
29	506.2	29
37	503.2	36
49	502	30
48	498.3	35
		10
		19
		49
		48

BRIDPORT MM 5.68 ~ MM 6.10

SCALE 10 FEET

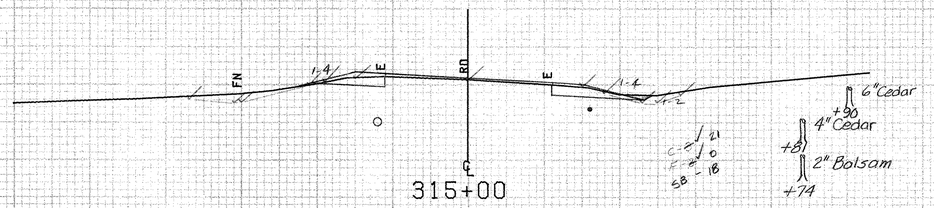
FROM STA.	312+00 TO STA. 313+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON
NO.	F017-1(2) PLOTTED 02/28/84
SURVEYED BY	FANTONI FEBRUARY 84
SHEET 374 OF 420 SHEETS	SHEET 374 OF 477



520

315+50

315+40 Rt.
Existing 12" CGMP ~ Retain



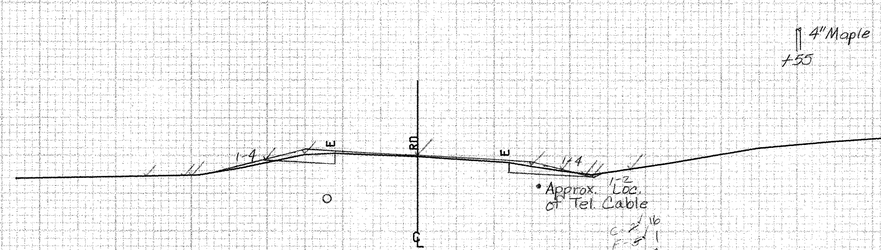
520

EARTH

20.0	518.8
23.0	518.0
24.0	518.6
20.0	518.8

1.80'

315+00

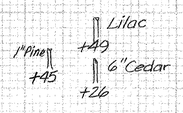


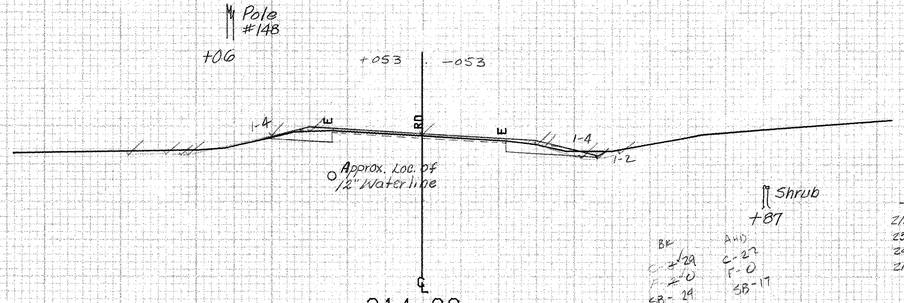
520

EARTH

21.0	517.9
23.0	517.1
24.0	517.6
23.0	517.5
21.0	517.9

0.60'





510

EARTH

21.0	517.0
23.0	516.0
24.0	516.9
21.0	517.0

1.40'

314+00

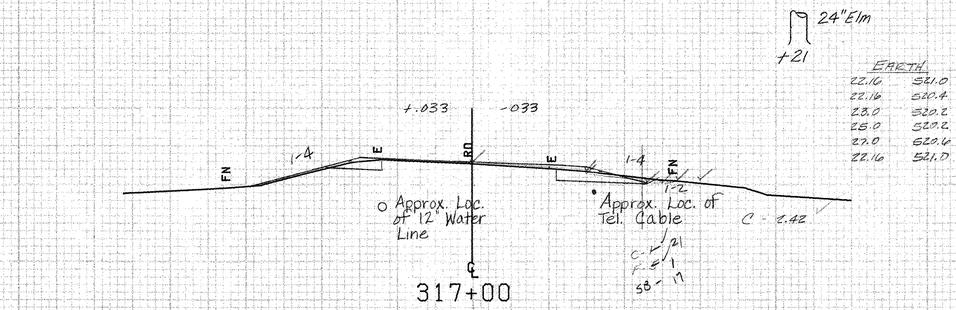
End Cold Planing (4" Depth)

BRIDPORT MM 5.68 ~ MM 6.10

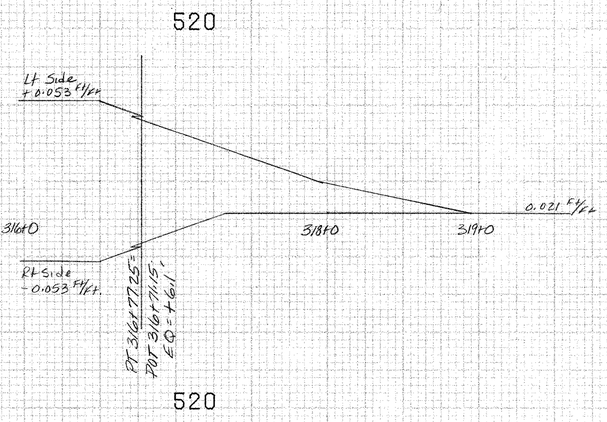
SCALE 10 FEET

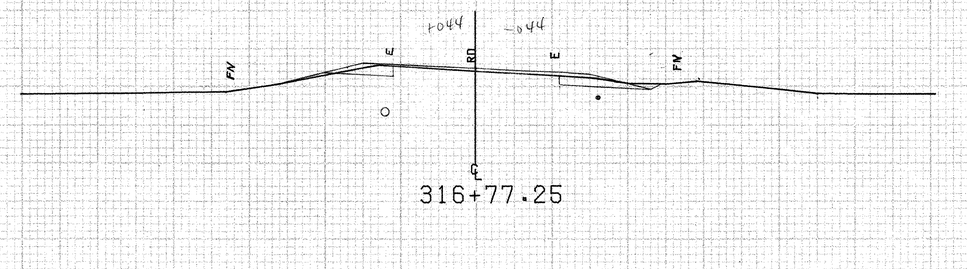
FROM STA.	314+00 TO STA. 315+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON
NO.	F017-1(2) PLOTTED 02/28/84
SURVEYED BY	FANTONI FEBRUARY 84
SHEET 375 OF 480 SHEETS	SHEET 375 OF 477

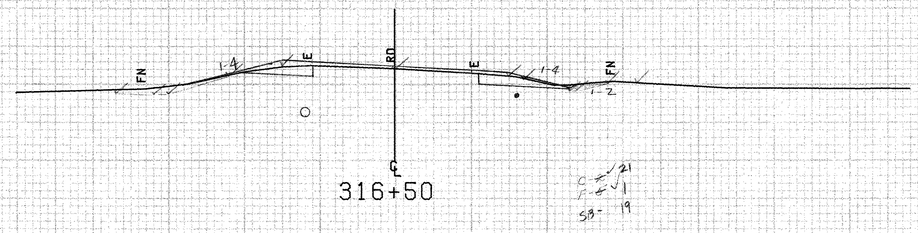
317+18
Existing 18" CGMP ~ Retain
(Inlet not found)



EARTH	
22.10	521.0
22.16	520.4
23.0	520.2
23.0	520.2
27.0	520.6
22.16	521.0



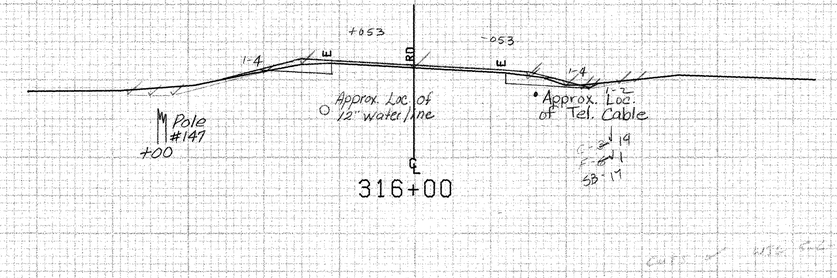




EARTH	
22.0	520.0
22.0	519.5
23.0	519.3
24.0	519.3
28.0	520.0
22.0	520.0

2.70'

520



EARTH	
22.0	519.3
22.0	518.7
23.0	518.7
27.0	519.6
28.0	519.7
22.0	519.3

1.30'

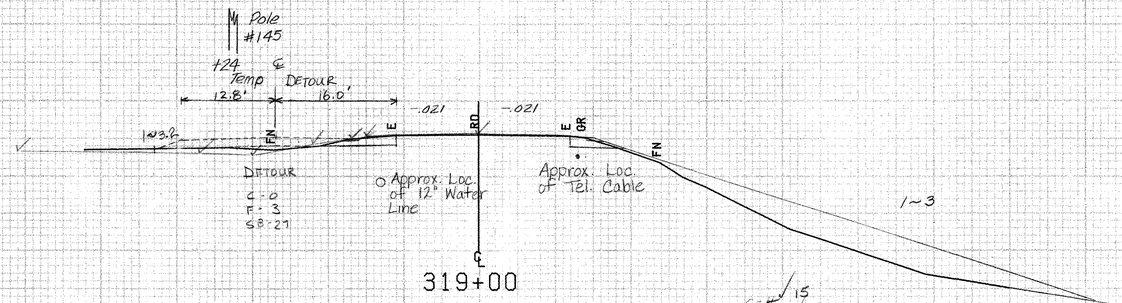
520

BRIDPORT MM 5.68 ~ MM 6.10

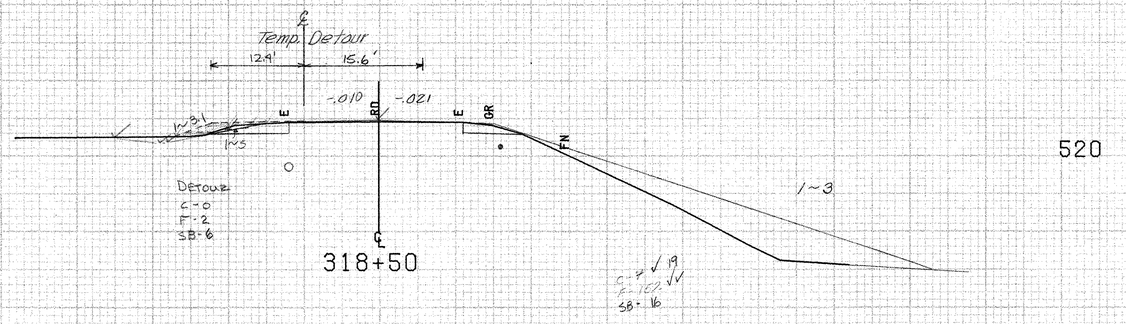
FROM STA.	316+00 TO STA. 317+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON
NO.	F017-1(2) PLOTTED 02/28/84
SURVEYED BY	FANTONI FEBRUARY 84
SHEET 376 OF 420 SHEETS	SHEET 376 OF 477

SCALE 10 FEET

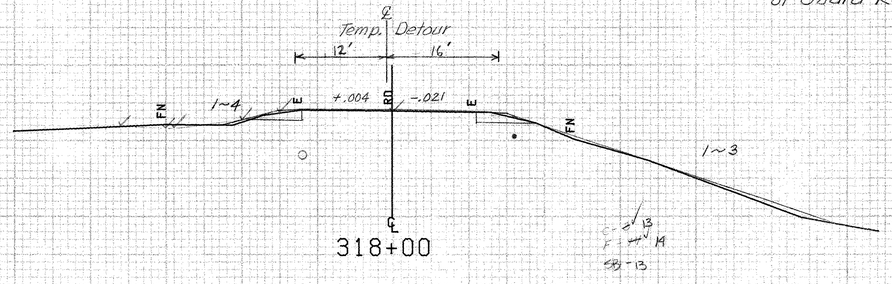
Detour	
-17	524.9
-22	524.2
-27	523.6
-33	523.9
-43	528.7
-39	524.9
-17	524.9



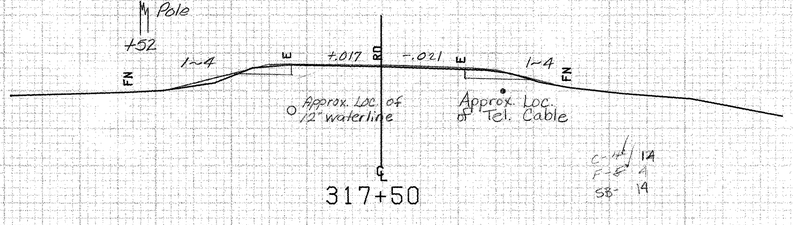
Detour Removal	
-15	524.4
-19	524.2
-23	522.9
-25	522.7
-27	522.7
-22	524.4
-15	524.4



318+18 Rt.
Begin Removal & Disposal of Guard Rail



317+75 Lt.
Begin Construction of Temporary Detour

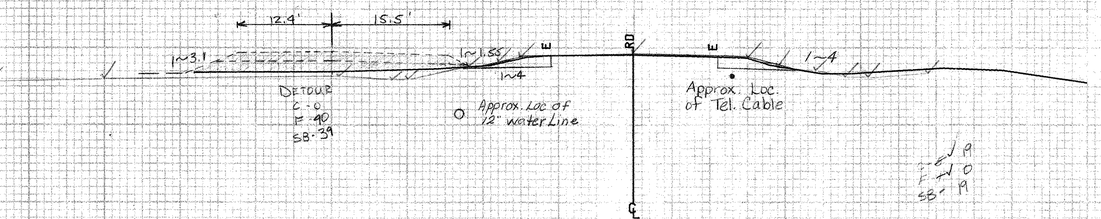


BRIDPORT MM 5.68 ~ MM 6.10

FROM STA.	317+50 TO STA. 319+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON
NO.	F017-1(2) PLOTTED 02/28/84
SURVEYED BY	FANTONI FEBRUARY 84
SHEET 377 OF 420 SHEETS	SHEET 377 OF 477

SCALE 10 FEET

Detour	
-22	527.6
-24	527.4
-40	527.0
-59	526.9
-52	529.3
-35	529.1
-27	527.6

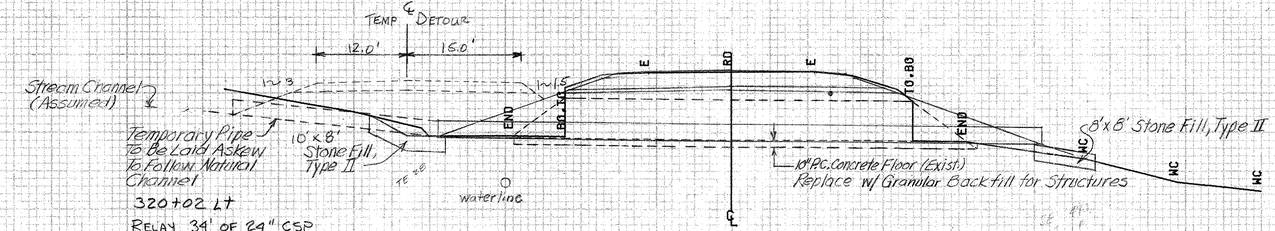


520

320+50

320+24

End Sand Borrow



320+02 Lt

Relay 34' of 24" CSP From Detour @ 11:20 ~ 11+98

320+02

Askew 85°05' Lt.

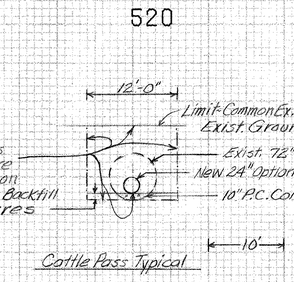
72" ACCGMP Cattle Pass ~ Remove

New 24" x 80' PCCSP (.064) or CAAP (.060) or RCP (Cl. III) Option w/ Stone Fill, Type II @ Inlet and Outlet.

2-12" Elm (See Pipe Crossing Detail) (Remove)

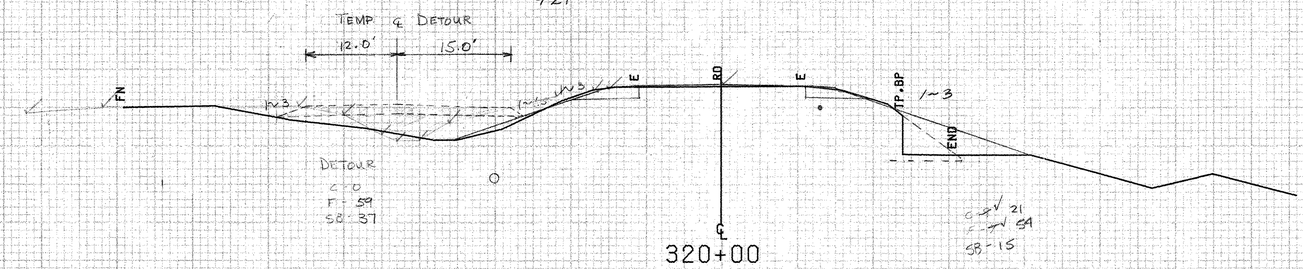
+27

520



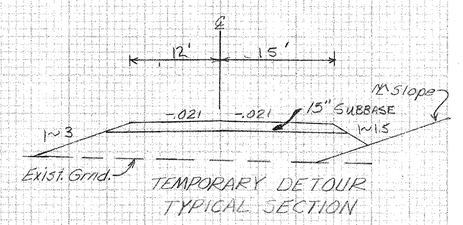
Cattle Pass Typical

Detour	
-28	525
-36	523
-40	521.1
-46	522.2
-50	524.0
-58	525.1
-28	525



320+00

520



TEMPORARY DETOUR TYPICAL SECTION

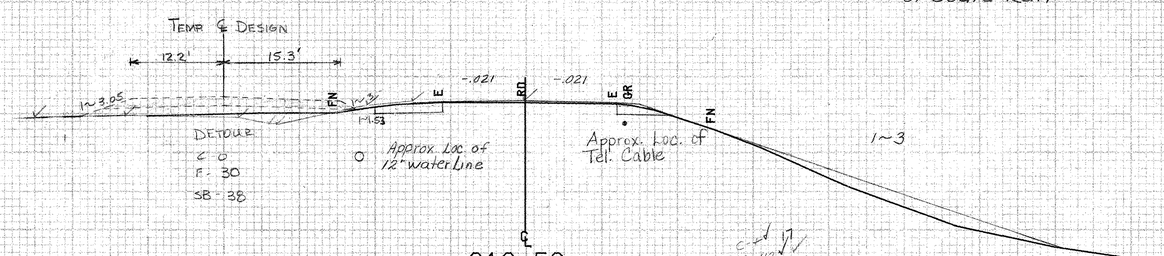
319+80

Begin Sand Borrow

319+54 Rt.

End Removal & Disposal of Guard Rail

Detour	
-23	526.6
-26	525.1
-35	525.3
-50	524.7
-59	524.8
-52	527
-25	524.9
-23	526.8



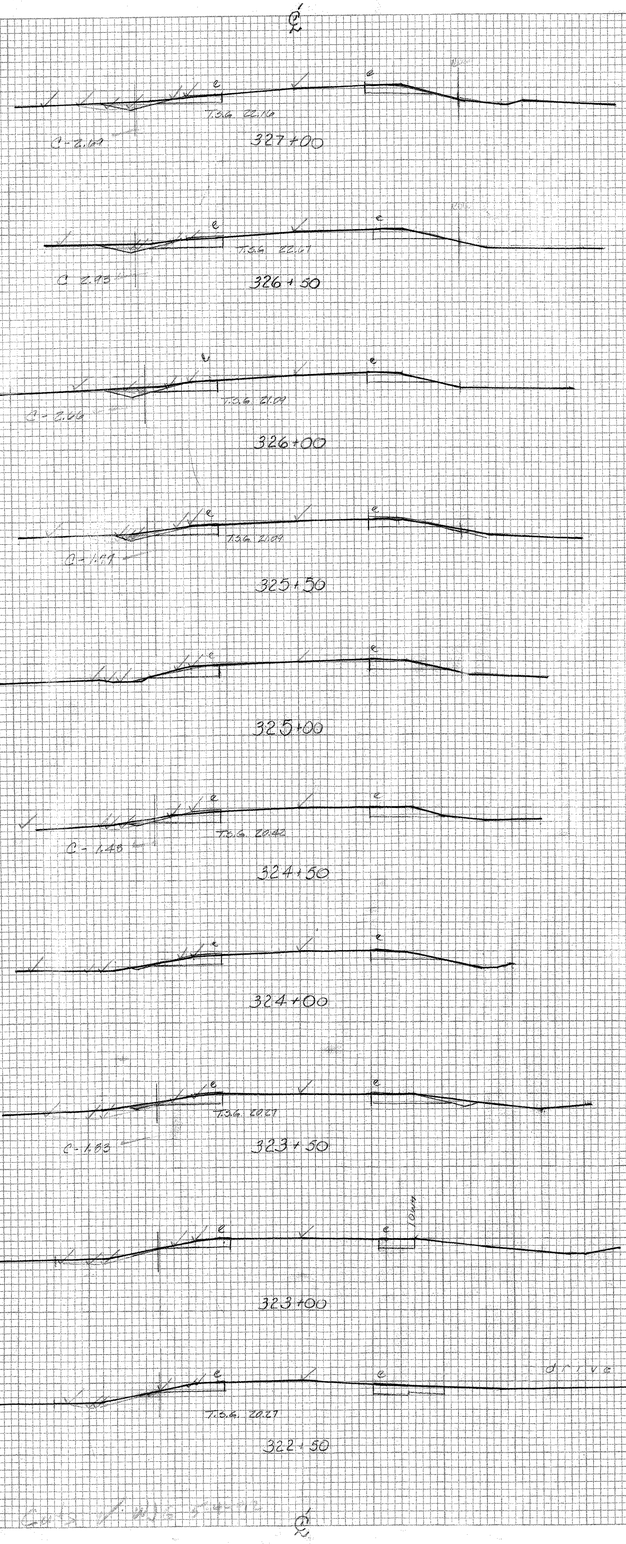
319+50

520

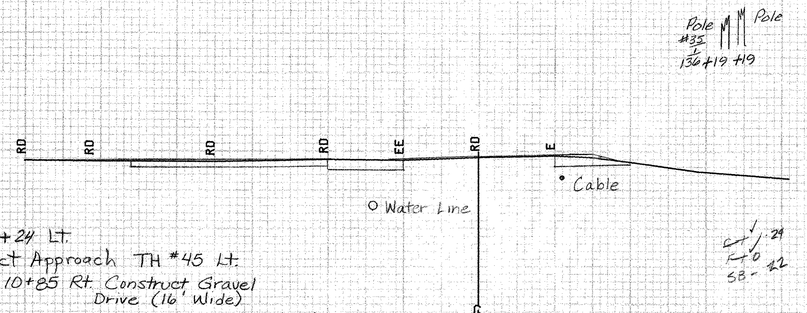
BRIDPORT MM 5.68 ~ MM 6.10

FROM STA.	319+50 TO STA. 320+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON
NO.	F017-1(2) PLOTTED 02/28/84
SURVEYED BY	FANTONI FEBRUARY 84
SHEET 328 OF 420 SHEETS	SHEET 378 OF 477

SCALE 10 FEET


℄
EARTH
22.15 499.2
22.16 499.1
23.5 497.8
27.0 494.1
28.16 492.6
2.69
EARTH
22.67 498.6
23.67 497.5
24.0 497.2
25.0 496.2
25.67 495.6
2.93
EARTH
22.09 498.0
21.09 498.0
23.0 497.8
23.9 497.8
27.0 494.8
27.09 494.8
2.00
EARTH
21.09 498.5
21.89 497.7
23.0 496.5
24.0 495.5
25.0 494.5
1.17
EARTH
20.42 499.7
20.42 499.1
23.0 496.5
24.0 495.5
25.0 494.5
1.83
EARTH
20.27 499.8
20.27 499.3
23.0 496.0
24.0 495.0
27.27 491.8
1.82
EARTH (CL)
20.0 499.1
20.0 498.3
21.0 498.1
22.0 498.1
23.0 496.5
30.0 491.1
27.0 494.1
5.10
EARTH
21.09 499.0
21.09 498.2
23.0 496.2
24.0 495.2
27.09 491.7
5.10
EARTH
21.09 499.0
21.09 498.1
22.9 498.0
23.9 497.0
27.0 493.9
28.0 492.9
27.09 493.9
4.87
EARTH
21.67 499.5
21.67 499.4
22.0 499.1
23.0 498.1
24.0 497.1
27.67 493.8
16.09
EARTH
22.67 499.7
22.67 498.1
23.0 497.8
23.0 497.8
24.0 496.8
27.0 493.7
27.67 493.8
8.15
EARTH
22.67 498.8
22.67 498.2
23.0 497.8
24.0 496.8
27.0 493.7
22.67 493.8
5.57
EARTH
20.26 499.4
23.26 497.5
24.0 497.2
27.0 494.0
23.26 494.2
2.54
EARTH
21.67 498.5
21.67 497.9
23.0 496.5
24.0 495.5
27.0 492.4
21.67 492.5
1.49
EARTH
20.42 499.7
20.42 499.1
23.0 496.5
24.0 495.5
26.0 493.5
20.42 493.7
1.83
EARTH
20.27 499.8
20.27 499.3
23.0 496.0
24.0 495.0
27.27 491.8
1.82
EARTH
22.82 499.5
22.82 499.3
23.0 499.2
25.0 497.4
22.82 496.0
8.82
EARTH
25.26 499.4
23.26 497.5
24.0 497.2
27.0 494.0
23.26 494.2
2.54
EARTH
21.67 498.5
21.67 497.9
23.0 496.5
25.0 495.0
21.67 495.5
1.49
℄
℄
℄

333+24 Rt
Construct Approach TH#9

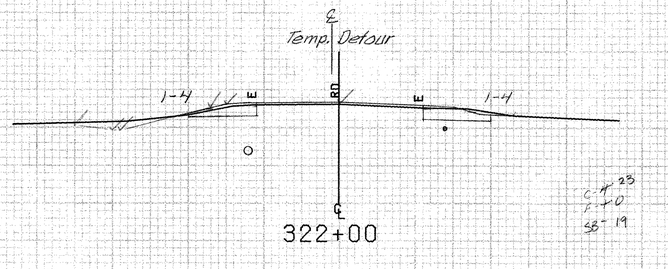


333+24 Lt.
Construct Approach TH #45 Lt.
TH #45 10+85 Rt. Construct Gravel Drive (16' Wide)
TH #45 10+85 Rt. New 15"x36' CSP (.064)
TH #45 11+10± ℄ 15" CMP ~ Retain

490

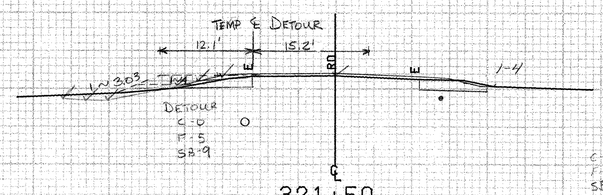
322+47 Rt.
Existing 12" CMP ~ Retain

322+25 Lt.
End Construction of Temporary Detour



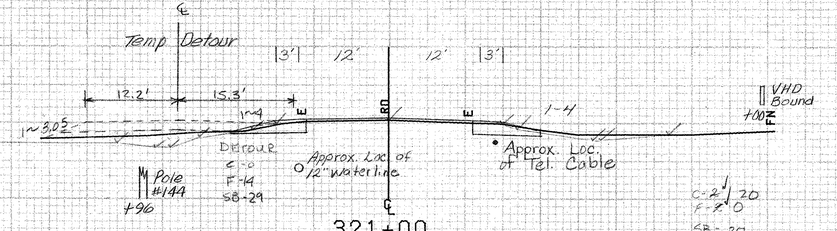
530

DETOUR	
-15	531.8
-18	530.9
-21	530.4
-24	529.9
-29	529.3
-23	531.8
-15	531.8



530

DETOUR	
-15	529.9
-19	529
-26	528.8
-32	528.4
-45	528
-40	530
-15	529.9



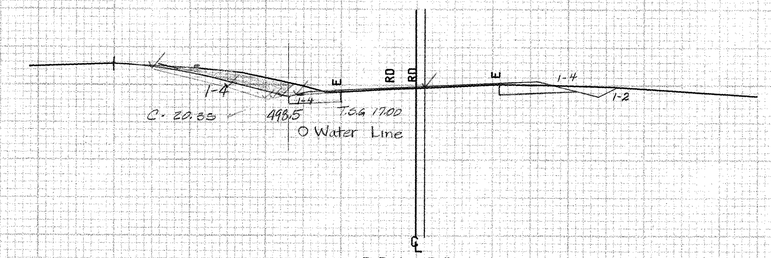
530

BRIDPORT MM 6.10 ~ MM 6.30

FROM STA.	321+00	TO STA.	333+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	02/2?/84
SURVEYED BY	FANTONI		FEBRUARY 84
SHEET 379 OF 420 SHEETS		SHEET	379 OF 477

SCALE 10 FEET

EARTH	
17.0	500.3
17.0	498.6
34.0	502.3
23.0	501.7
17.0	500.3
20.35	

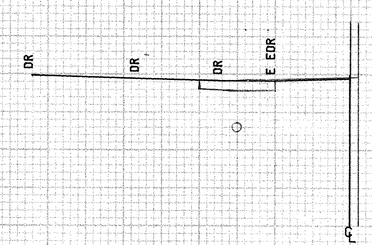


C-~~21~~ ~~48~~ 52
F-0
SB - 17

490

334+00

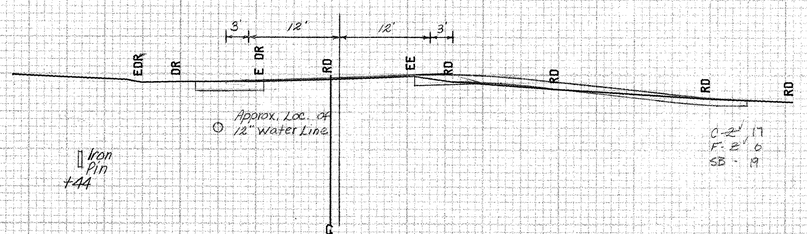
333+70 Lt.
Begin Special Ditch w/
Erosion Matting
(Common Excavation)



Note: 333+60± Lt.
Gravel Drive will be
graded over w/ topsoil;
seeded and mulched
as directed by the Engineer.

490

333+60



C-2' 17
F-2' 0
SB - 19

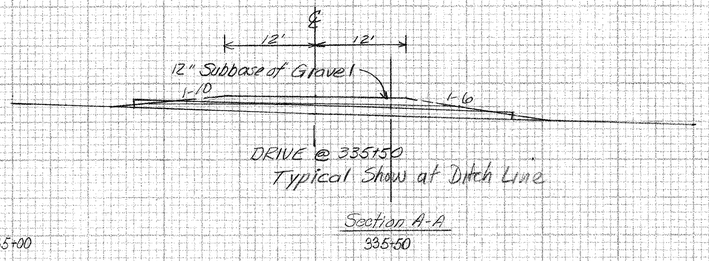
490

333+50
T.H. #9 Rt.

BRIDPORT ~ ADDISON MM 6.30 ~ MM 0.32

FROM STA. 333+50		TO STA. 334+00	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED 02/28/84	
SURVEYED BY	FANTONI	FEBRUARY 84	
SHEET 380 OF 420 SHEETS		SHEET 380 OF 477	

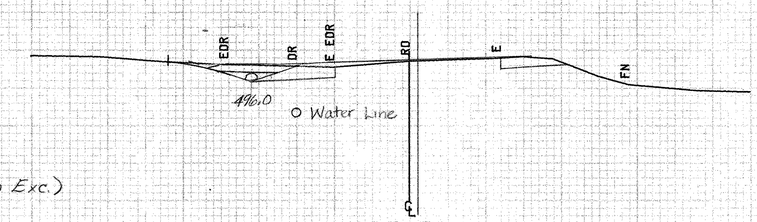
SCALE 10 FEET



Section A-A

335+00 335+50 336+00

490



C- 75' 40
F- 0'
SB- 17

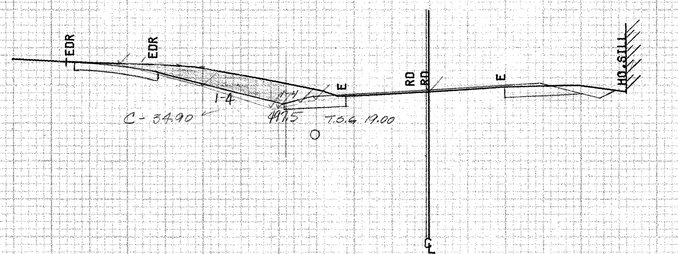
490

335+76 Lt.
Begin Special Ditch (Common Exc.)
w/ Erosion Matting

335+50 Lt.
Construct Drive (14' wide - Gravel)
New 17"x13"x50' CSP (.064)

335+16 Lt.
End Special ditch (Common Exc.)
w/ Erosion Matting

Pole #135 ~ Remove
+05

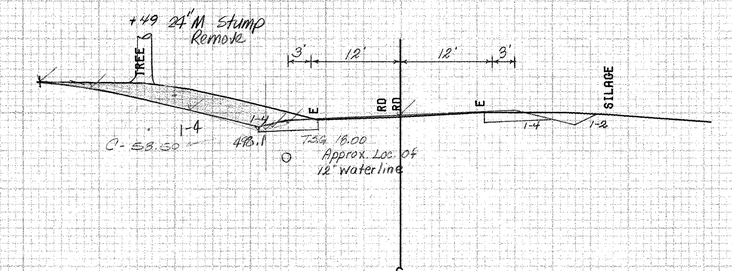


EARTH	
17.0	500.2
13.0	497.8
41.0	503.0
31.0	502.5
19.0	500.2
	34.90

C- 34 75 58
F- 0
SB - 17

490

+49 24" M Stump Remove



EARTH	
18.0	501.0
19.0	499.8
19.0	499.2
28.0	501.4
41.0	503.6
48.0	504.3
34.0	504.1
28.0	503.6
18.0	501.0
	58.50

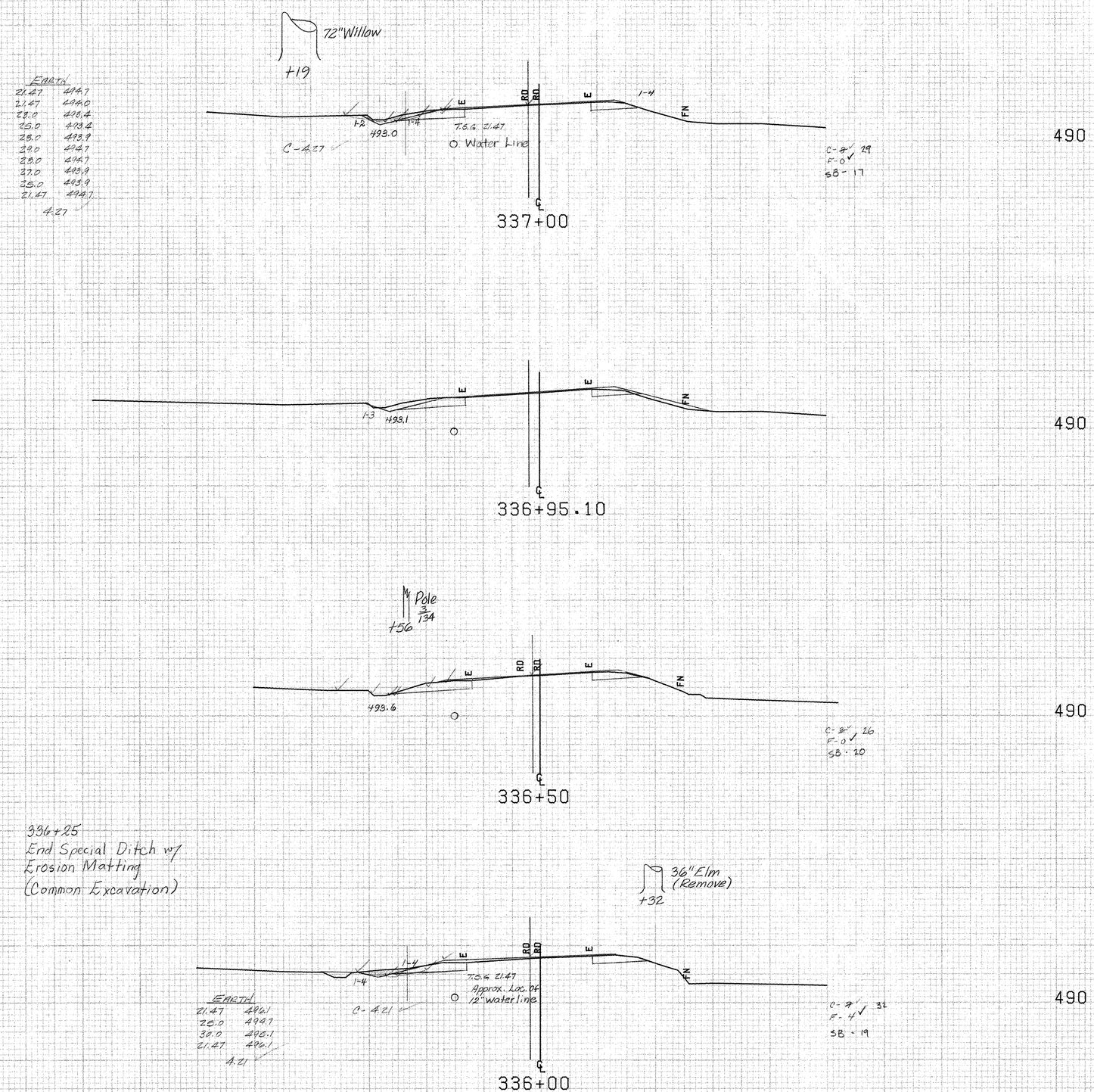
C- 33 93
F- 0
SB - 16

490

BRIDPORT ~ ADDISON MM 6.30 ~ MM 0.32

FROM STA. 334+50	TO STA. 335+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON
NO.	F017-1(2) PLOTTED 02/28/84
SURVEYED BY	FANTONI FEBRUARY 84
SHEET 381 OF 422 SHEETS	SHEET 381 OF 477

SCALE 10 FEET

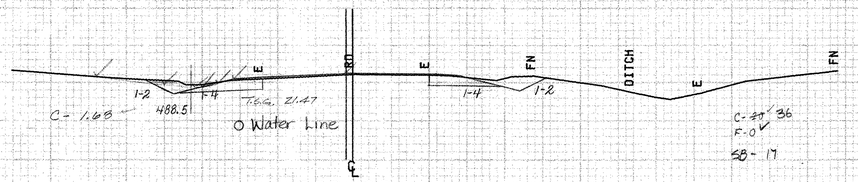


BRIDPORT ~ ADDISON MM 6.30 ~ MM 0.32

FROM STA. 336+00		TO STA. 337+00	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED 02/28/84	
SURVEYED BY	FANTONI	FEBRUARY 84	
SHEET 382 OF 420 SHEETS		SHEET 382 OF 477	

SCALE 10 FEET

EARTH	
21.47	489.7
21.47	489.4
24.0	489.5
25.5	491.0
27.0	490.4
25.0	490.1
22.0	489.8
21.47	489.7
1.68	

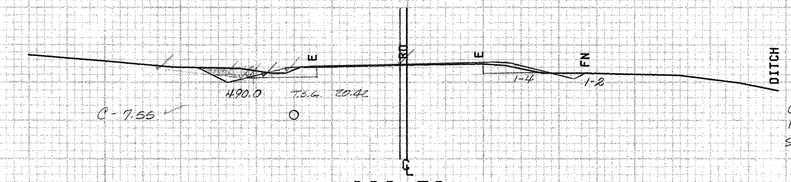


339+00

C - 11 36
F - 0
SB - 17

490

EARTH	
20.42	491.9
20.42	490.5
21.0	491.5
23.0	491.3
22.0	491.0
23.0	492.0
22.0	492.0
20.42	491.6
7.55	

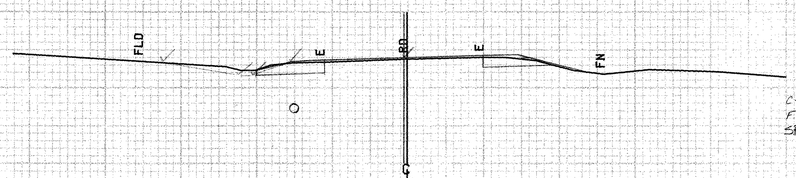


338+50

C - H 23
F - 0
SB - 15

490

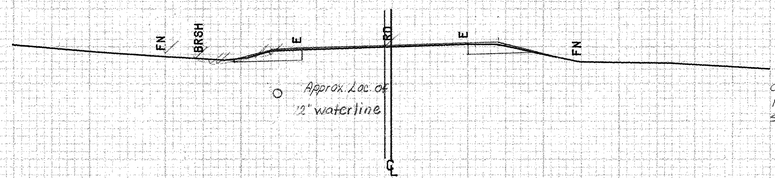
Pole #133
+31



338+00

C - 3 17
F - H 0
SB - 18

490



337+50

C - 2 18
F - H 0
SB - 16

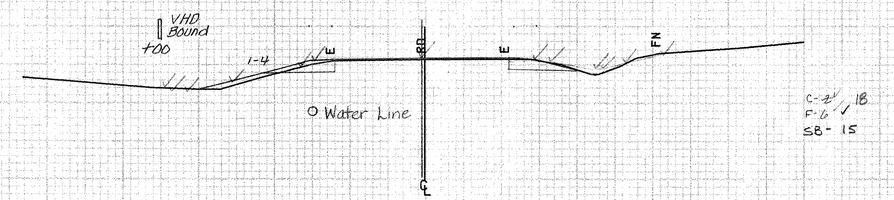
490

BRIDPORT-ADDISON MM 6.30 - MM 0.32

FROM STA. 337+50 TO STA. 339+00
PROJECT NAME SHOREHAM-BRIDPORT-ADDISON
NO. FO17-1(2) PLOTTED 02/28/84
SURVEYED BY FANTONI FEBRUARY 84
SHEET 383 OF 420 SHEETS SHEET 383 OF 477

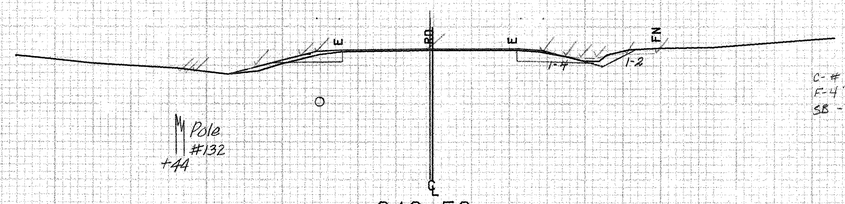
SCALE 10 FEET

341+00 Rt
Begin Special ditch w/ Erosion Matting



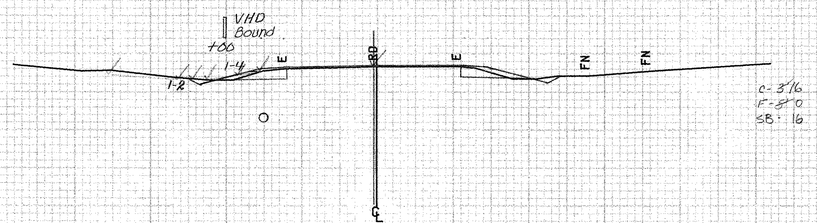
480

341+00



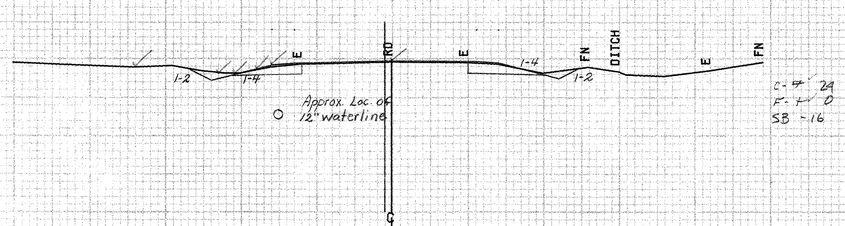
480

340+50



480

340+00



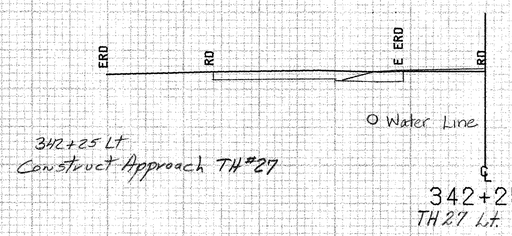
480

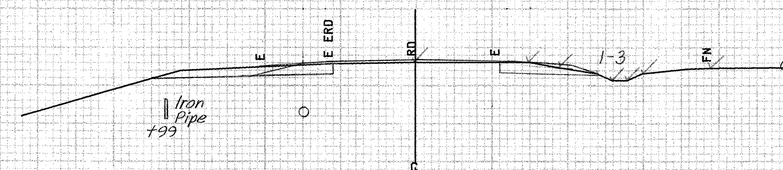
339+50

BRIDPORT ~ ADDISON MM 6.30 ~ MM 0.32

SCALE 10 FEET

FROM STA. 339+50		TO STA. 341+00	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED 02/28/84	
SURVEYED BY	FANTONI	FEBRUARY 84	
SHEET 384 OF 420 SHEETS		SHEET 384 OF 477	





480

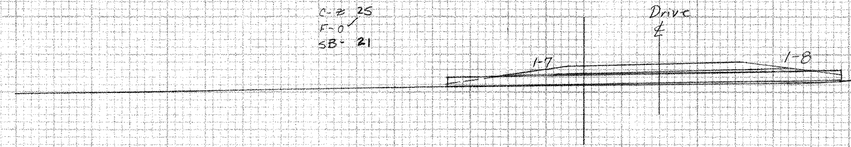
342+10 Rt
Begin Steel Beam Guard Rail

341+85 ~ 342+10 Rt
Breakaway Cable Terminal

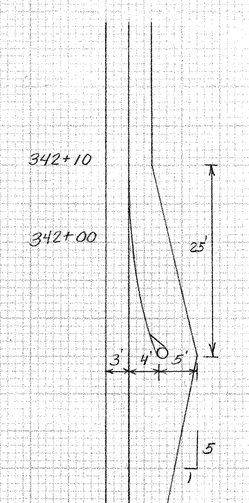
341+84 ~ 342+00 Rt
Const. Special Ditch w/ Erosion Matting (Common Exc.)

480

C-Z 25
F-O
SB- 21

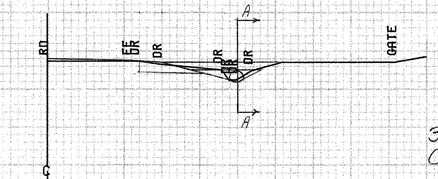


Section A-A



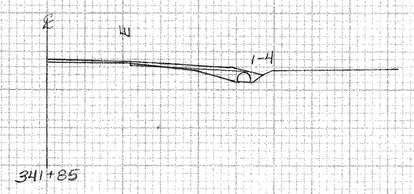
STEEL BEAM GUARD RAIL-DETAIL

480

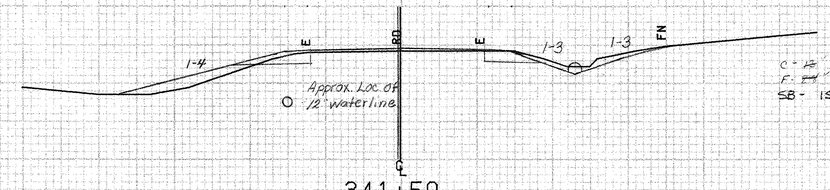


480

341+65 Rt
Construct Drive (22'-Gravel)
New 21"x15"x52' CSP (.064)
Askew 3°-53'-15" Rt



341+46 Rt
End Special Ditch (Common Exc.) w/ Erosion Matting



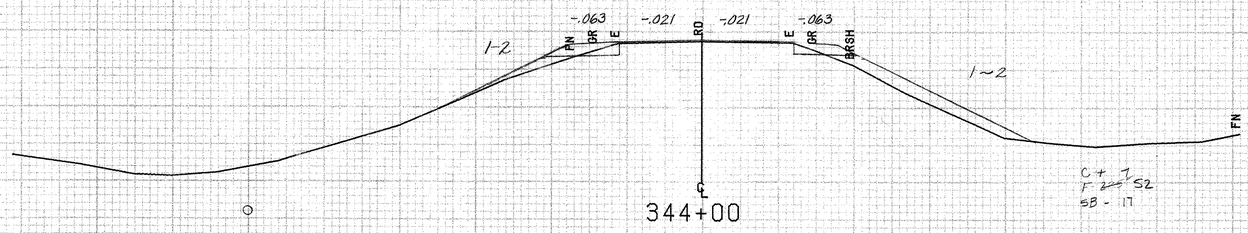
C-Z 27
F-Z 18
SB- 15

480

BRIDPORT ~ ADDISON MM 6.30 ~ MM 0.32

FROM STA.	341+50	TO STA.	342+25
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	02/28/84
SURVEYED BY	FANTONI		FEBRUARY 84
SHEET 385 OF 480 SHEETS		SHEET 385 OF 477	

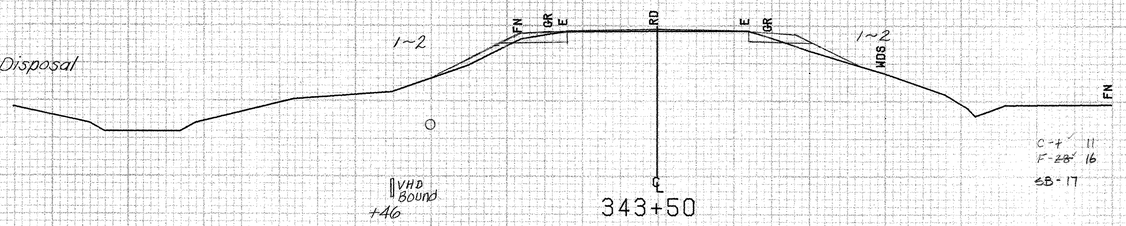
SCALE 10 FEET



C + 7
F 2~~5~~ 52
SB - 17

470

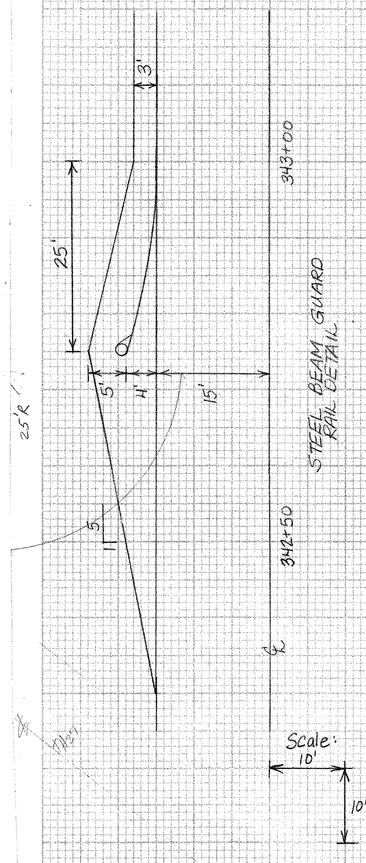
343+51 Lt.
Begin Removal and Disposal of Guard Rail



C + 11
F-28 16
SB-17

470

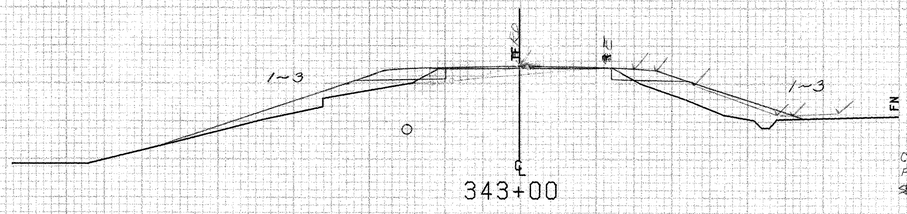
343+23 Rt.
Begin Removal and Disposal of Guard Rail



343+00 Lt.
Begin Steel Beam Guard Rail

342+75 ~ 343+00 Lt.
Breakaway Cable Terminal

342+65 Lt.
Existing 24" ACCGMP ~ Retain

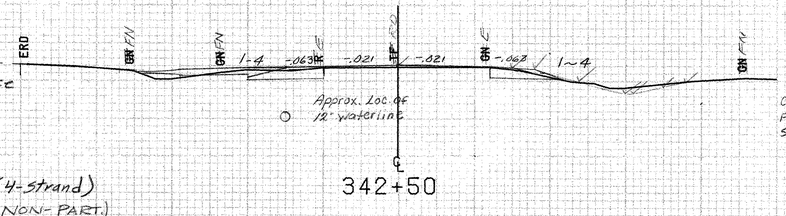


C + 6
F-~~54~~ 18
SB - 20

480

342+50 Lt.
Begin Geotextile Fabric for Silt Fence

342+45 Lt.
Begin Removing & Resetting Fence
Begin Temporary Barbed Wire Fence (4-strand)
Begin Removal of Existing Fence (Non-Part.)



C + 19
F-0
SB-18

342+50 Rt.
Begin Geotextile Fabric for Silt Fence

480

BRIDPORT ~ ADDISON MM 6.30 ~ MM 0.32

FROM STA.	342+50	TO STA.	344+00
PROJECT NAME		SHOREHAM-BRIDPORT-ADDISON	
NO.		F017-1(2)	PLOTTED 02/28/84
SURVEYED BY		FANTONI	FEBRUARY 84
SHEET 386 OF 420 SHEETS			SHEET 386 OF 477

SCALE 10 FEET

BRIDPORT~ADDISON MM 6.30~MM 0.32

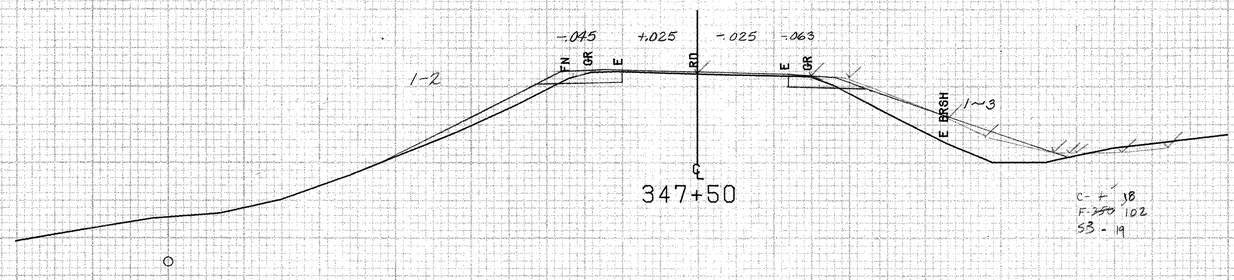
FROM STA.	344+50	TO STA.	345+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	02/28/84
SURVEYED BY	FANTONI	FEBRUARY 84	
SHEET 387 OF 420 SHEETS		SHEET 387 OF 477	

SCALE 10 FEET

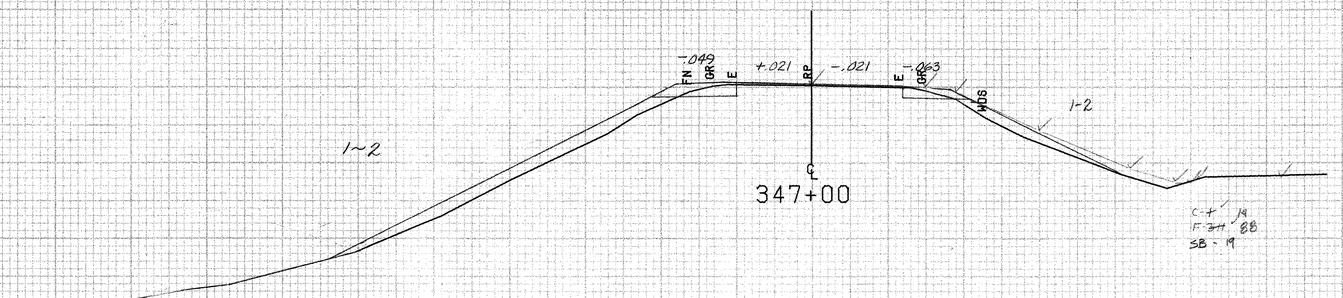
347+60 ~ 347+85 Rt.
Breakaway Cable Terminal

347+60 Rt.
End Steel Beam Guard Rail

480



480



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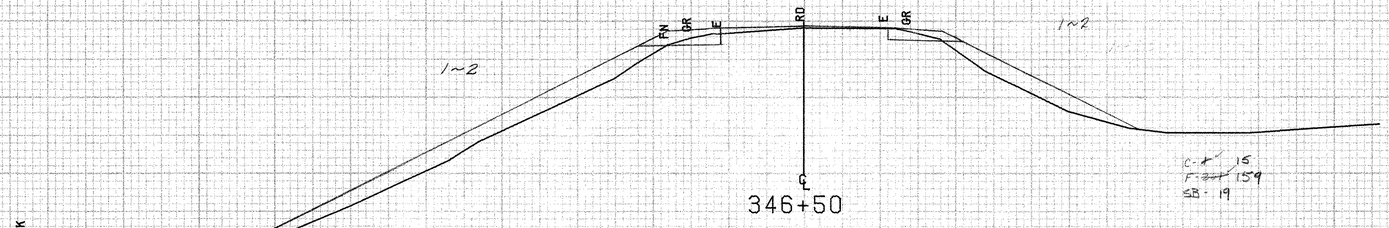

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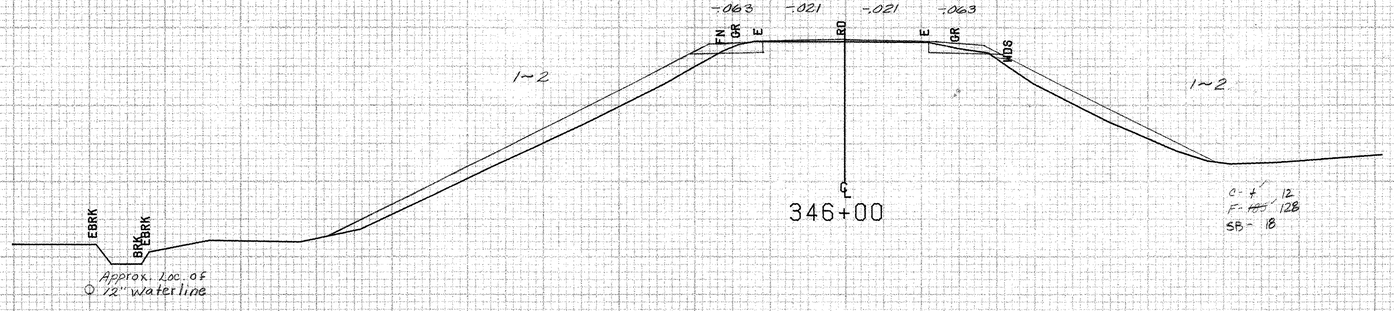
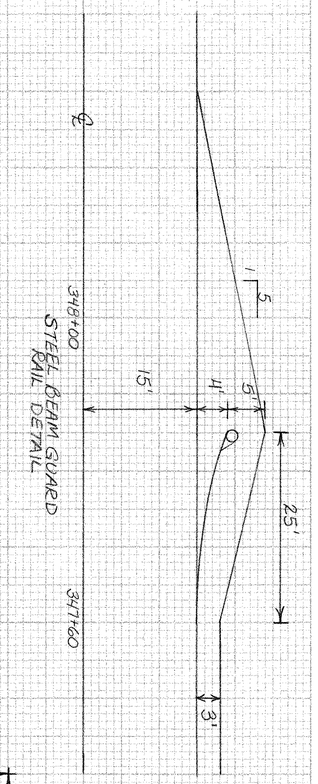




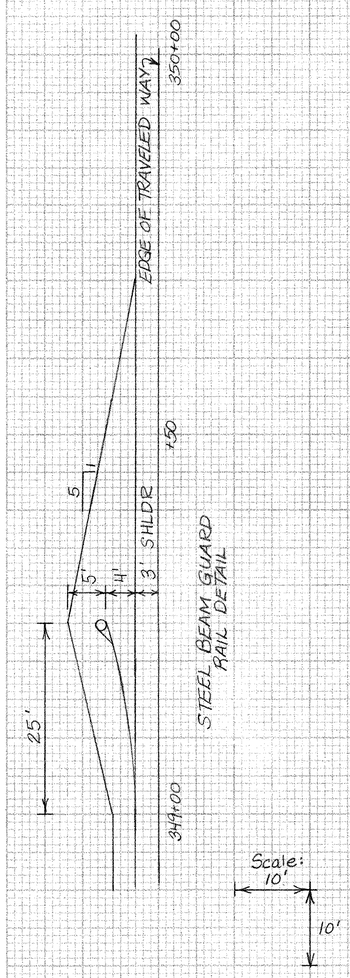
BRIDPORT ~ ADDISON MM 6.30 ~ MM 0.32

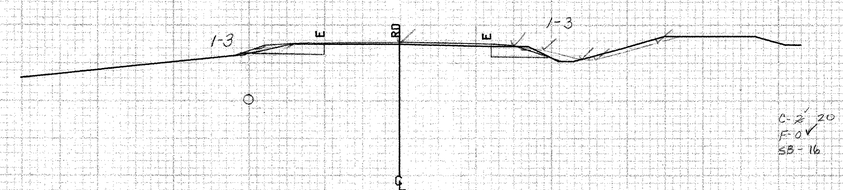
FROM STA.	346+00	TO STA.	347+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	02/28/84
SURVEYED BY	FANTONI	FEBRUARY 84	
SHEET 388 OF 420 SHEETS		SHEET 388 OF 477	

SCALE 10 FEET

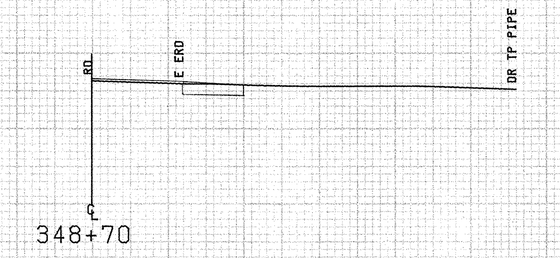
349+00 ~ 349+25 Lt.
Breakaway Cable Terminal

349+00 Lt.
End Steel Beam Guard Rail





480

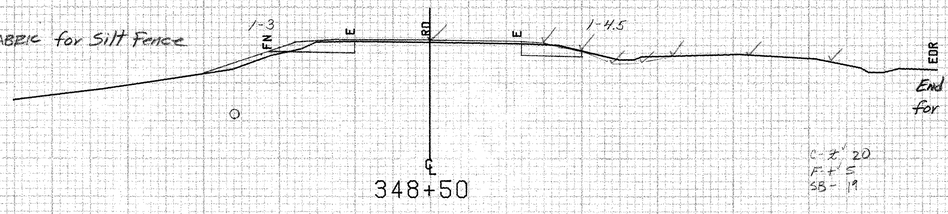


480

348+68 Rt.
Existing 18" CGMP ~ Retain

348+62 Rt.
Existing 15" CGMP ~ Retain

348+50 Lt
End Geotextile Fabric for Silt Fence

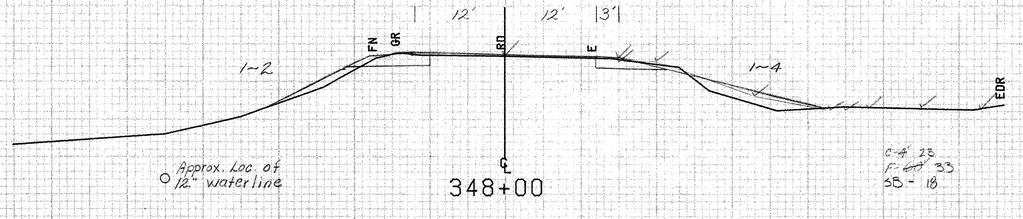


348+50 Rt.
End Geotextile Fabric
for Silt Fence

480

Pole
#127
+35

348+21 Lt.
End Removal and Disposal
of Guard Rail



480

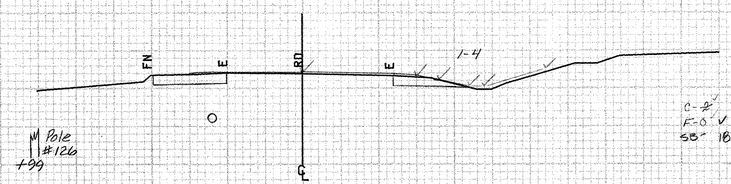
347+91 Rt.
End Removal and Disposal
of Guard Rail

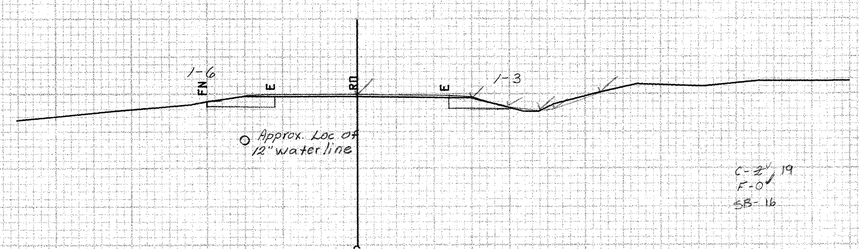
BRIDPORT ~ ADDISON MM 6.30 ~ MM 0.32

FROM STA.	348+00	TO STA.	349+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	02/28/84
SURVEYED BY	FANTONI	FEBRUARY 84	
SHEET 387 OF 420 SHEETS		SHEET 384 OF 477	

SCALE 10 FEET

352+65 Lt
End Removing & Resetting Fence
End Temporary Barbed Wire Fence (4-Strand)
END REMOVAL OF EXISTING FENCE (NON-PART)





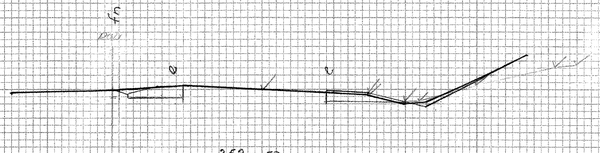
490

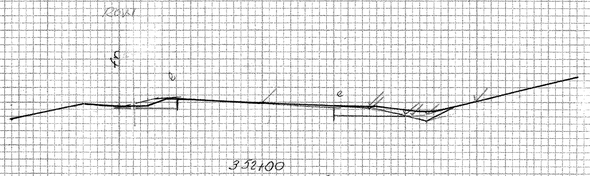
480

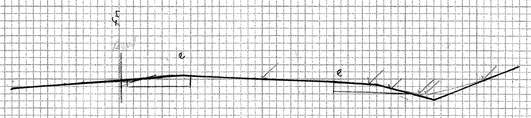
BRIDPORT~ADDISON MM 6.30~MM 0.32

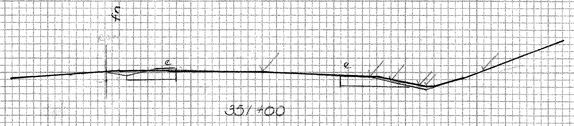
FROM STA.	349+50 TO STA. 350+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON
NO.	F017-1(2) PLOTTED 02/28/84
SURVEYED BY	FANTONI FEBRUARY 84
SHEET 390 OF 400 SHEETS	SHEET 390 OF 477

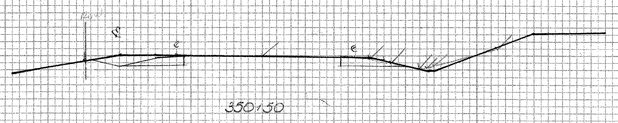
SCALE 10 FEET

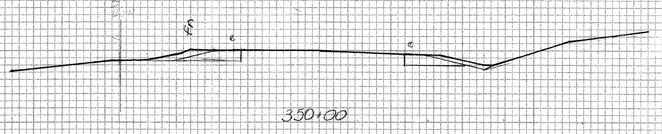


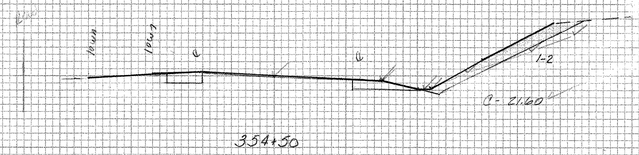






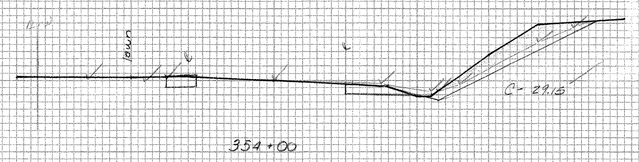




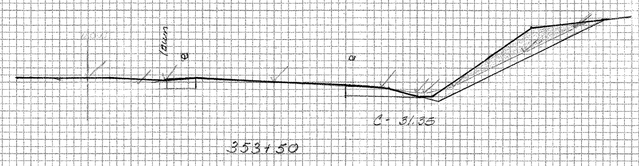


EARTH	
22.0	498.2
27.0	500.4
32.0	502.0
43.0	507.8
39.0	507.4
22.0	498.2

21.60

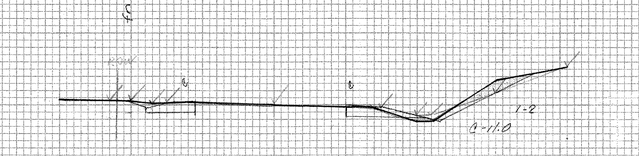


EARTH	
33.0	498.5
26.0	499.6
37.0	505.5
42.0	507.4
44.0	509.2
37.0	505.0
33.0	498.5



EARTH	
28.5	497.0
26.0	499.6
35.0	504.3
41.0	507.7
44.0	509.2
36.0	507.8
28.5	497.0

31.35



EARTH	
25.0	500.0
31.0	501.0
36.0	504.4
31.0	500.6
25.0	500.0

11.0

SHOREHAM-BRIDPORT-ADDISON

F 017-1 (2)

350+00 - 354+50

plotted 1/6/11 RZ

Sheet 390-A of 477

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

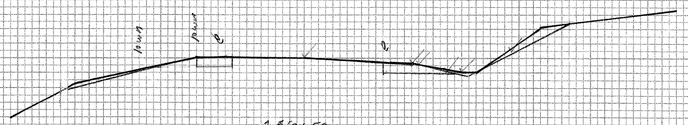
390-A

cad ✓ w/ JG 5-17-93

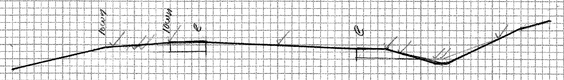
FINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TRACED
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TRACED
AREAS
AREAS CHECKED
BY
DATE

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION



356+50



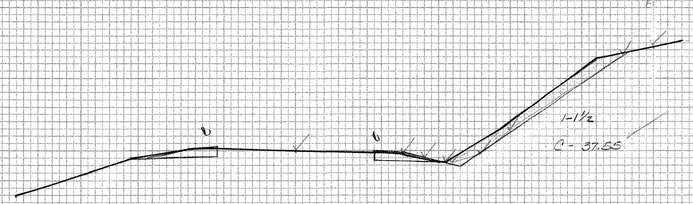
356+00



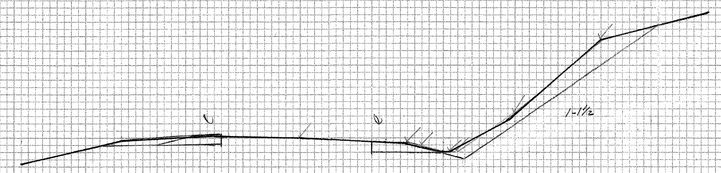
355+50



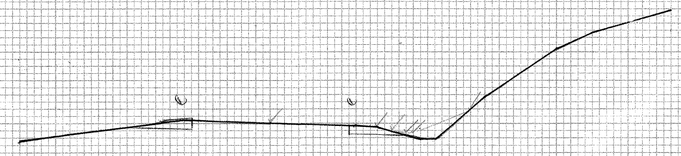
355+00
Field Drive Rt
House Drive Lt



358+50



358+00



357+50



357+00

EARTH

21.0	496.4
22.0	496.4
26.0	499.5
30.0	502.9
46.0	513.2
42.0	512.9
29.0	503.4
21.0	496.4

ORIGINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

FINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

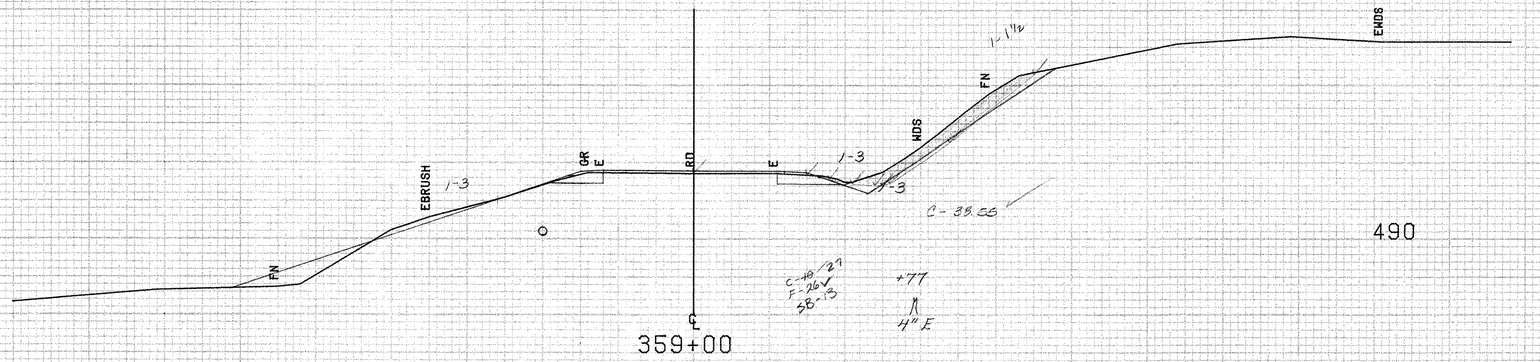
SHOREHAM-BRIDPORT-ADDISON

F 017-1 (2)

355+00 - 358+50

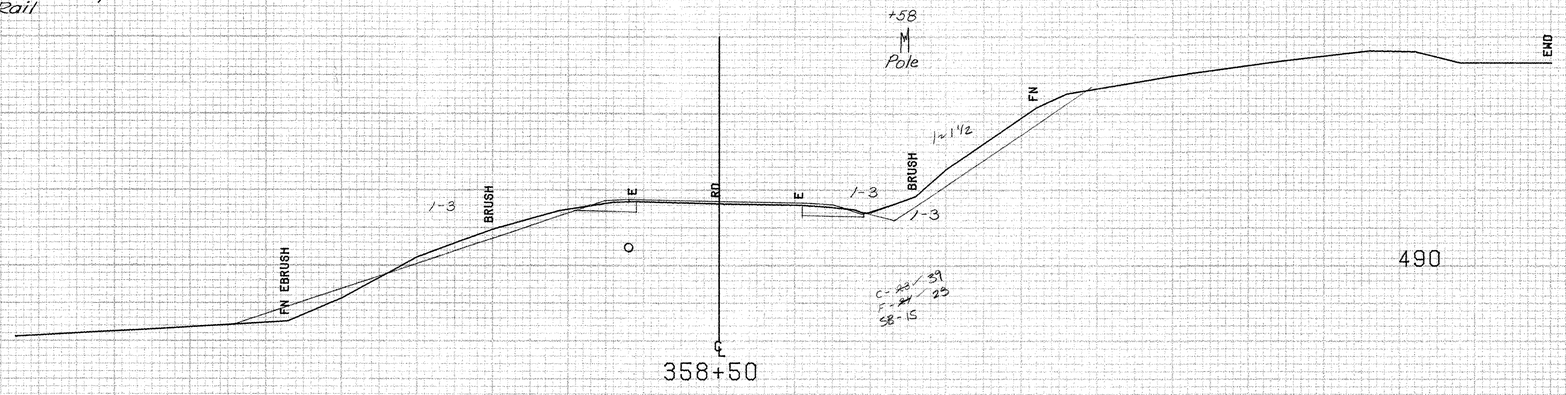
Cut 5 ✓ WTG 5-5-92

Sheet 390-B of 477

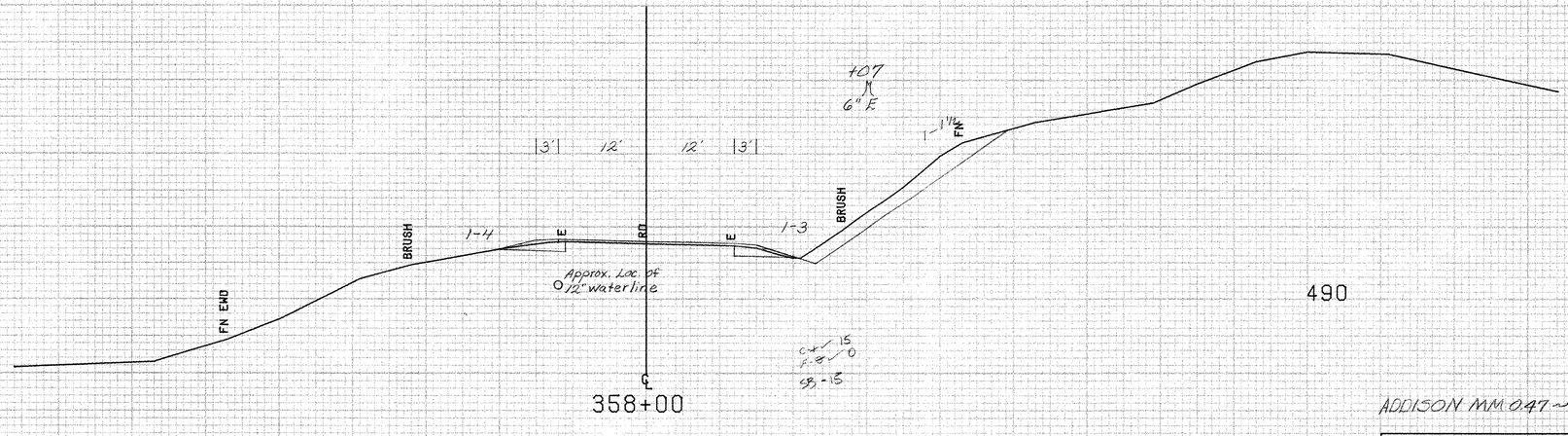


EARTH	
21.0	497.8
24.0	497.0
25.0	497.0
31.0	505.0
45.0	511.4
48.0	510.2
39.0	501.0
20.0	502.0
25.0	490.0
21.0	497.3
38.55	

358+79 Lt.
Begin Removal And Disposal
of Guard Rail



358+40 LT
Begin Removal of Existing Fence



ADDISON MM 0.47 ~ MM 0.56

FROM STA.	358+00	TO STA.	359+00
PROJECT NAME	SHOREHAM-ADDISON		MAIN7
NO.	F017-1(2)		PLOTTED 01/09/85
SURVEYED BY	FANTONI		DEC 1984
SHEET 391 OF 420 SHEETS		SHEET 391 OF 477	

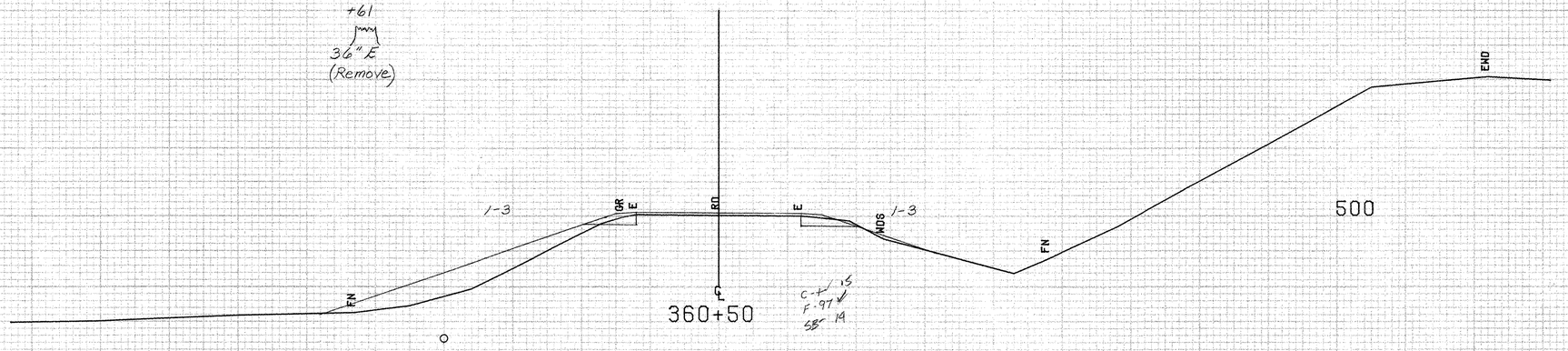
SCALE 10 FEET

+92
12" E
(Remove)

+92
6" E
(Remove)

360+75 LT.
END REMOVAL OF EXISTING FENCE
BEGIN REMOVAL OF EXISTING FENCE (NON-PART.)

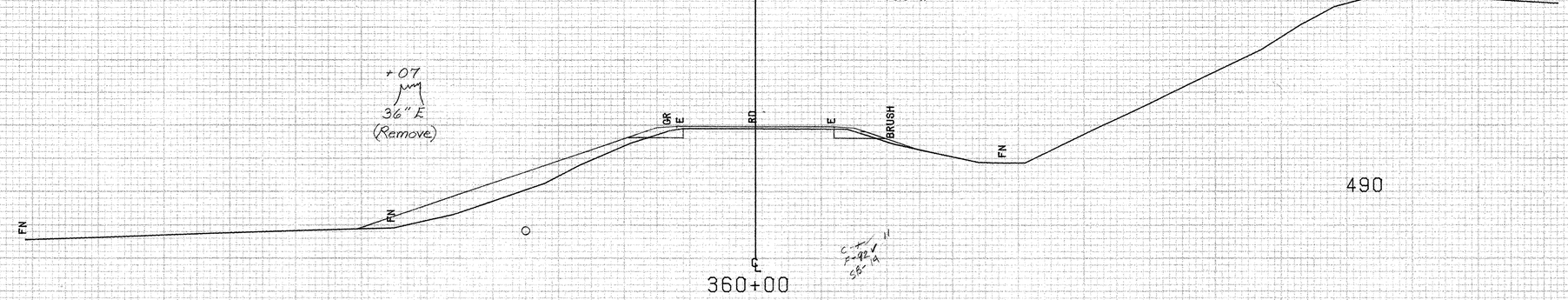
+61
36" E
(Remove)

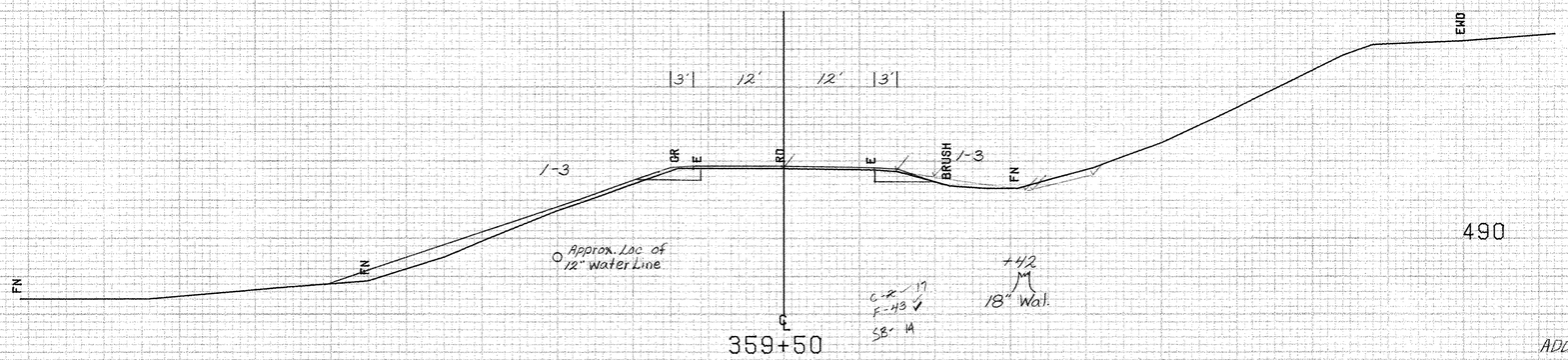


+45
12" Ash
(Remove)

+32
Pole #120

+07
36" E
(Remove)



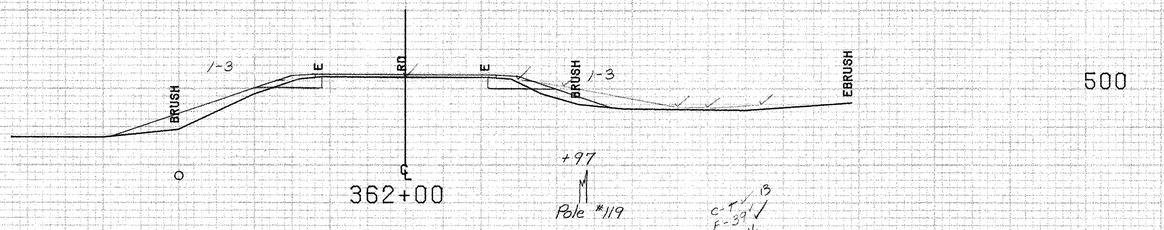


ADDISON MM 0.47 ~ MM 0.56

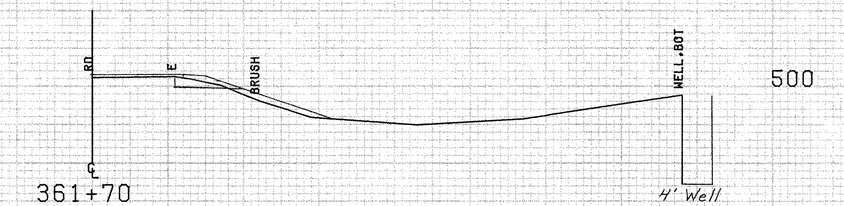
FROM STA.	359+50	TO STA.	360+50
PROJECT NAME	SHOREHAM-ADDISON		MAIN7
NO.	F017-1(2)		PLOTTED 01/09/85
SURVEYED BY	FANTONI		DEC 1984
SHEET 392 OF 420 SHEETS			SHEET 392 OF 477

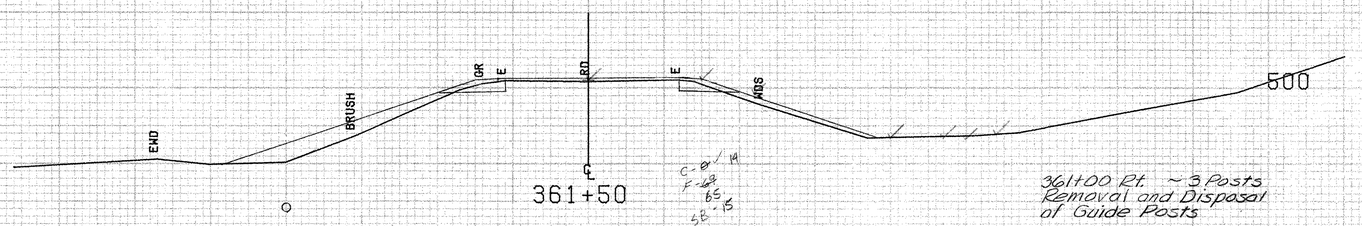
SCALE 10 FEET

+15
36" E. Stump
(Remove)



361+83 Lt
End Removal And Disposal
of Guard Rail

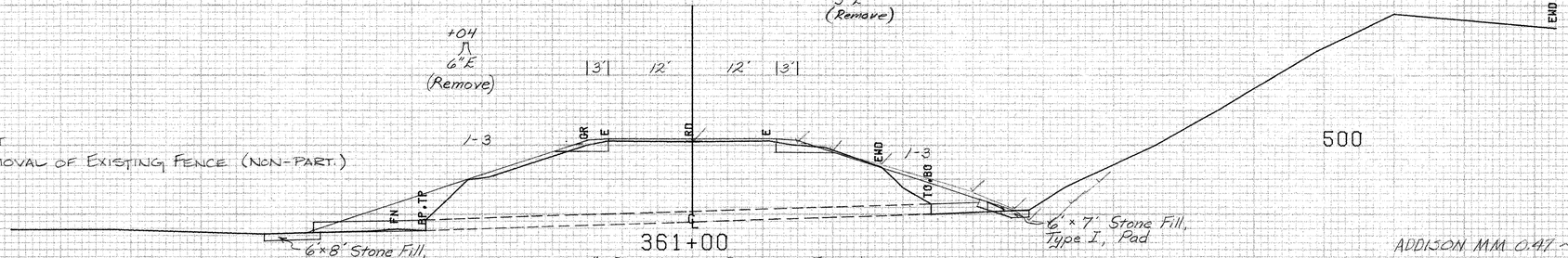




361+00 Rt. ~3 Posts
Removal and Disposal
of Guide Posts

+23
3" E
(Remove)

+04
6" E
(Remove)



361+10 LT
END REMOVAL OF EXISTING FENCE (NON-PART.)

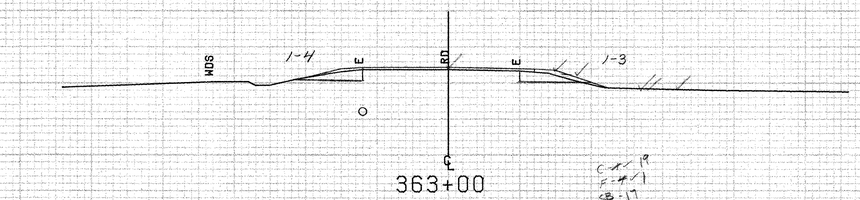
Approx. Loc. of
12" water Line

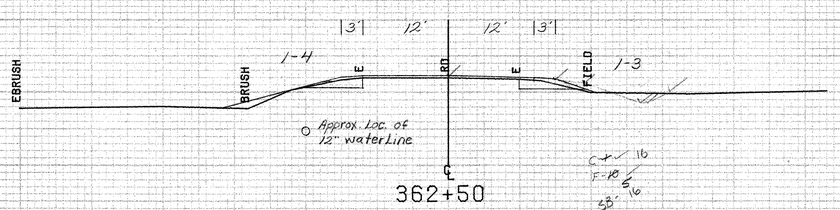
Existing 18" ACCGMP ~ Retain Extend @
Inlet "W" New 18"x10' CSP (.064) & CSPES - EXTEND C-8 19
Outlet "I" New 18"x16' CSP (.064) F-100
SB-13

ADDISON MM 0.47 ~ MM 0.56

FROM STA.	361+00	TO STA.	362+00
PROJECT NAME	SHOREHAM-ADDISON		MAIN7
NO.	F017-1(2)		PLOTTED 01/09/85
SURVEYED BY	FANTONI		DEC 1984
SHEET 393 OF 420 SHEETS			SHEET 393 OF 477

SCALE 10 FEET





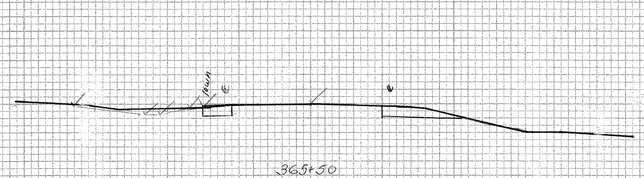
500

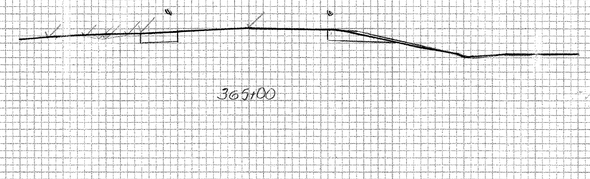
500

ADDISON MM 0.47 ~ MM 0.56

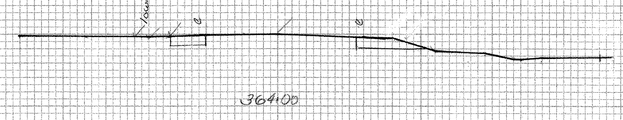
FROM STA.	362+50	TO STA.	363+00
PROJECT NAME	SHOREHAM-ADDISON		MAIN7
NO.	F017-1(2)	PLOTTED	01/09/85
SURVEYED BY	FANTONI	DEC	1984
SHEET 384 OF 420 SHEETS		SHEET 394 OF 477	

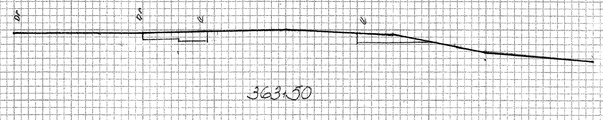
SCALE 10 FEET







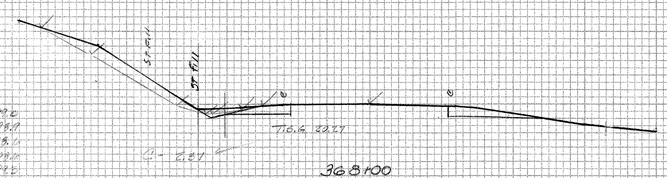




EARTH

20.27	499.6
20.27	499.9
22.0	499.1
23.0	499.0
24.0	499.2
24.27	499.2

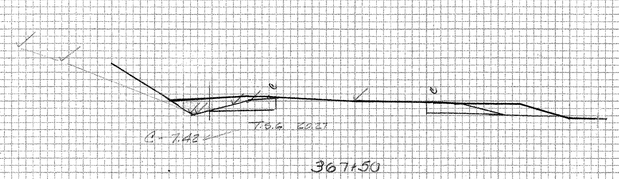
2.27



EARTH

20.27	500.3
20.27	498.8
22.0	498.4
23.0	498.4
24.0	500.1
24.27	500.3

7.42



EARTH

20.27	499.5
20.27	498.7
21.0	498.5
22.0	498.5
23.0	498.5
24.27	499.5

2.91

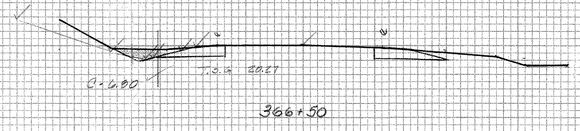


ROAD

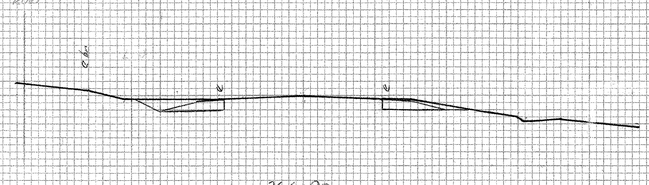
EARTH

20.27	499.8
23.27	498.2
21.0	498.2
22.0	498.2
23.5	498.5
24.0	499.7
24.27	499.8

6.80



ROAD



SHOREHAM - BRIDPORT - ADDISON
F-017-1(2)

363+50 - 368+00

PLOTTED & PLOTTED 1-11-91

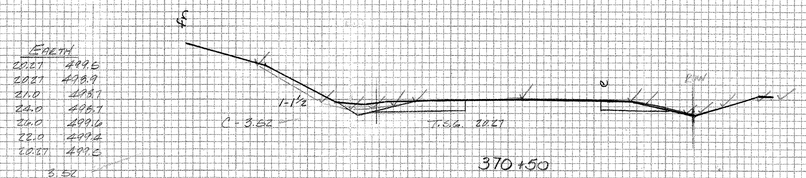
PLATE 3 CROSS SECTION C. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

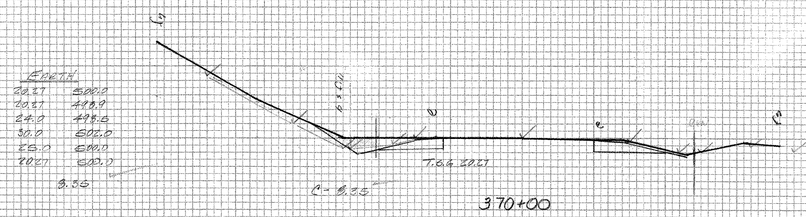
FINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TRACED
AREAS CHECKED
BY
DATE

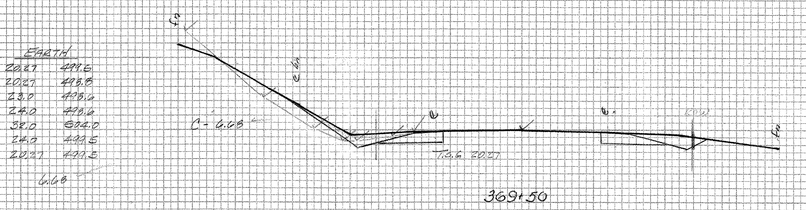
ORIGINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TRACED
AREAS CHECKED
BY
DATE

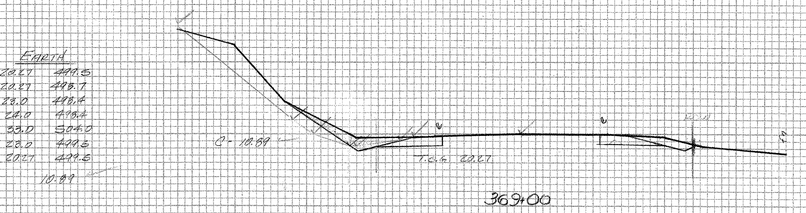
FINAL SURVEY		BY	DATE
NOTE BOOK No.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

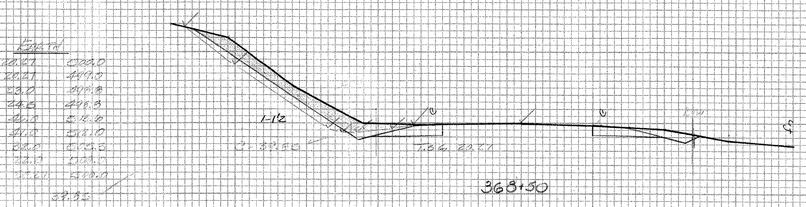
ORIGINAL SURVEY		BY	DATE
NOTE BOOK No.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		











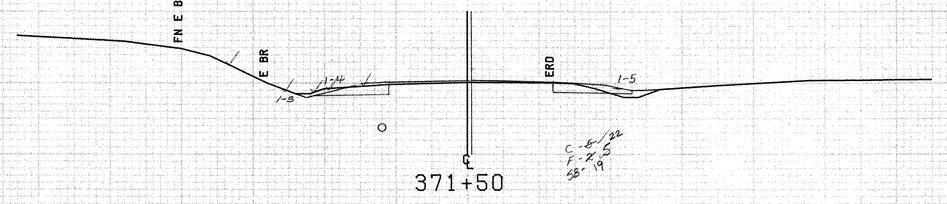
SHOREHAM-BRIDPORT-ADDISON

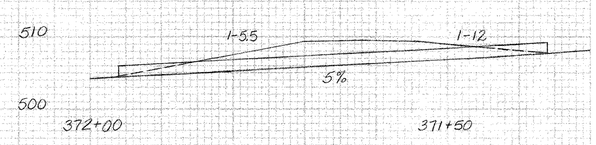
F 017-1(2)

368+50 - 370+50

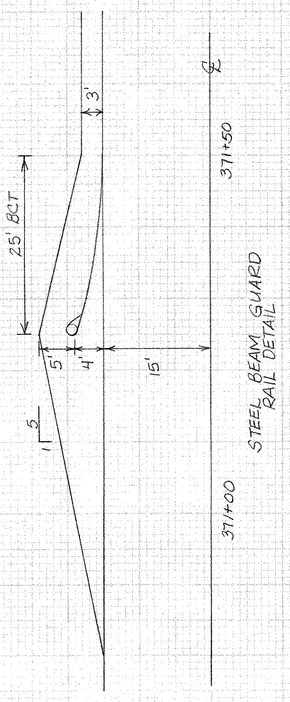
CUTS ✓ NJG 5-17-92

371+50 Lt.
Begin Steel Beam Guard Rail

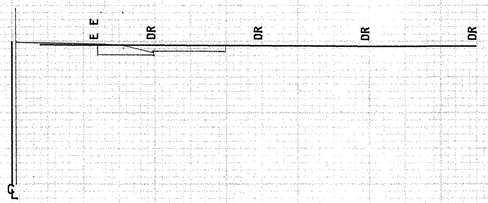




DRIVE TYPICAL



STEEL BEAM GUARD RAIL DETAIL

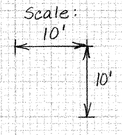


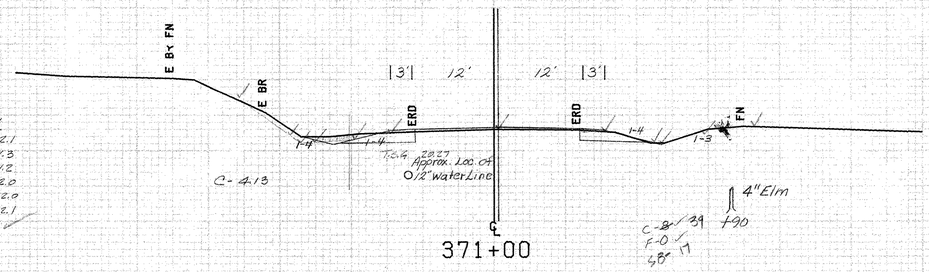
500

371+25 ~ 371+50 Lt.
Breakaway Cable Terminal

Pole #113
+43

371+62 Rt.
Existing 18" CMP ~ Remove
New 18" x 50' CSP(.064) or RCP Cl. III





EARTH

20.27	S12.1
20.27	S11.3
24.0	S11.2
27.0	S12.0
23.0	S12.0
20.27	S12.1

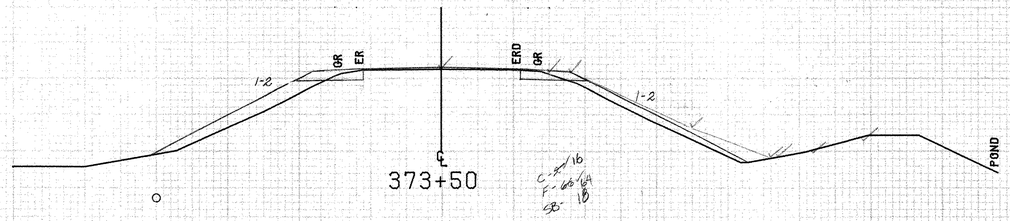
4.13

510

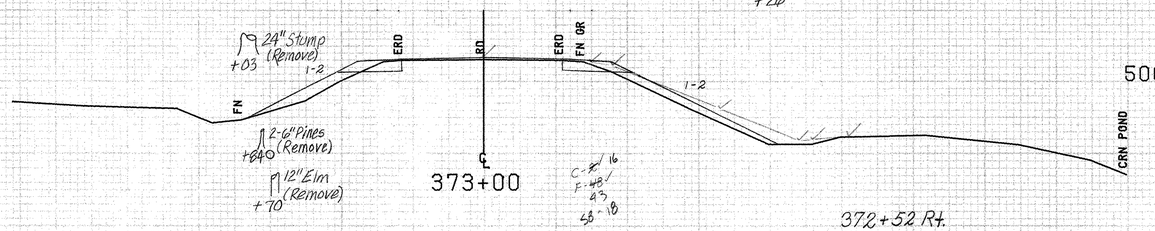
ADDISON MM 0.71 ~ MM 0.94

FROM STA.	371+00	TO STA.	371+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F01.-1(2	PLO	ED 03/13/84
SURVEYED BY	FANTONI		FEB 84
SHEET 395 OF 420 SHEETS		SHEET	395 OF 477

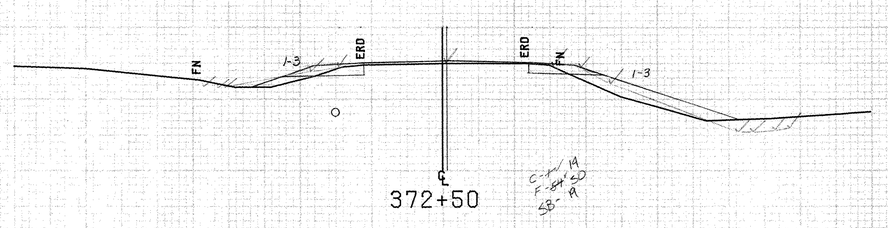
SCALE 10 FEET



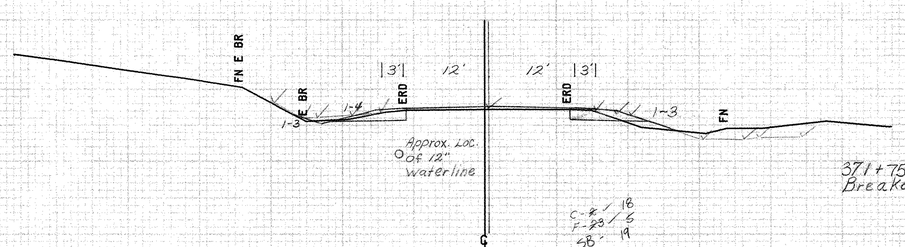
373+15 Lt.
Begin Removal & Disposal of Guard Rail



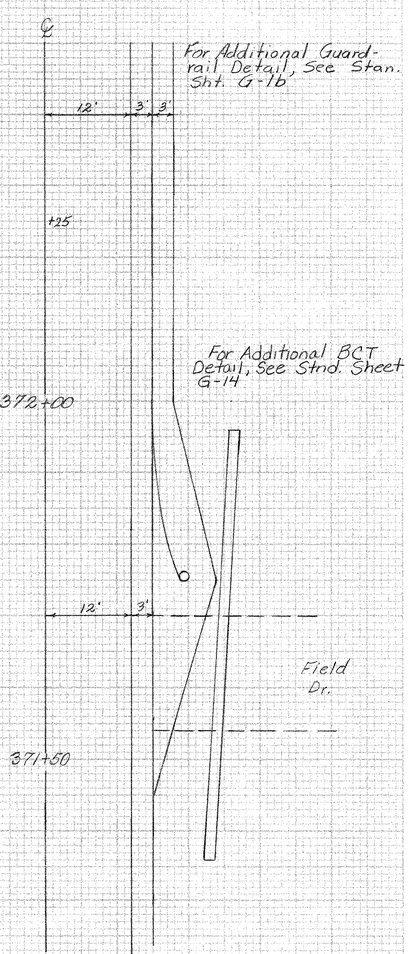
372+52 Rt.
Begin Removal & Disposal of Guard Rail



372+00 Rt
Begin Steel Beam Guard Rail



371+75 Rt. ~ 372+00 Rt.
Breakaway Cable Terminal



500
500
500

ADDISON MM 0.71 ~ MM 0.94

FROM STA.	372+00	TO STA.	373+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	03/13/84
SURVEYED BY	FANTONI		FEB 84
SHEET 376 OF 420 SHEETS			SHEET 376 OF 477

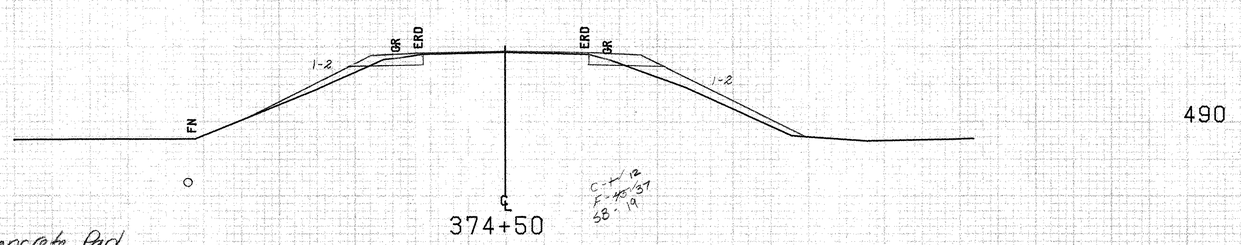
SCALE 10 FEET

374+82 Lt.
End Removal & Disposal of Guard Rail

374+75 Rt. (20 ft)
REMOVAL OF EXISTING FENCE (NON-PART.)

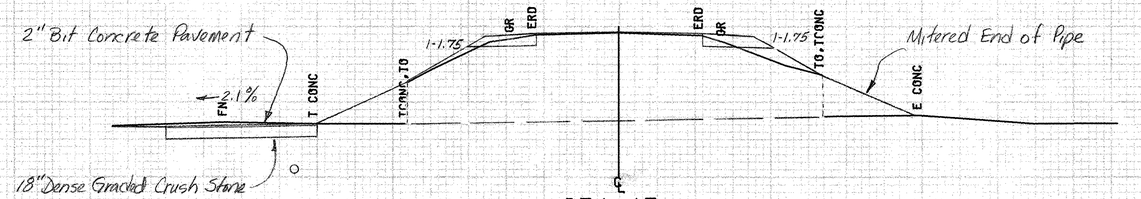
Pole #111 +55

374+75 Rt.
End Removal & Disposal of Guard Rail



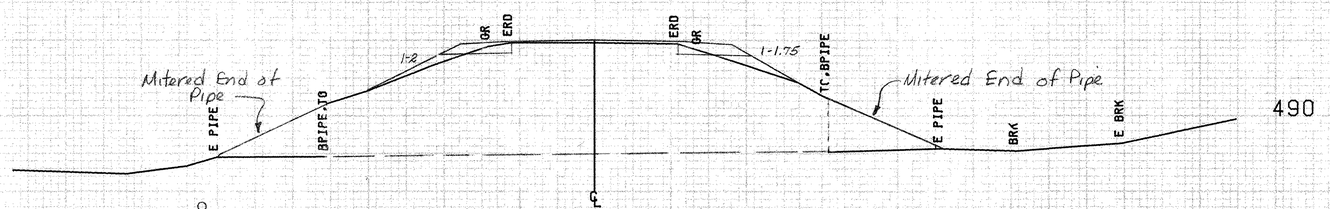
374+50

374+45 Lt
2" Bituminous Concrete Pad
(Paid as Bituminous Concrete Gutters And Traffic Islands)



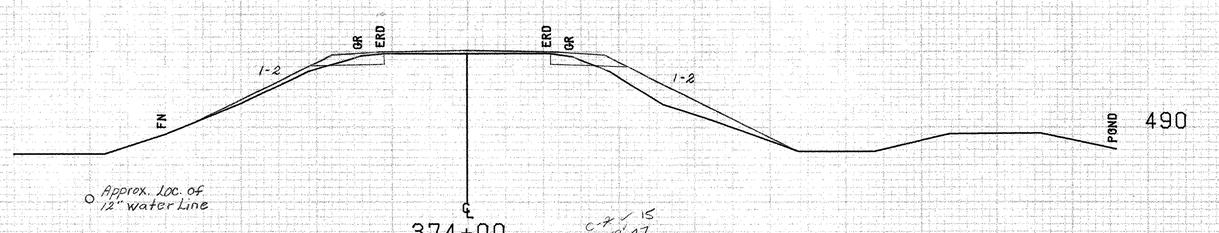
374+45

Exist 72" CGMP Cattle Pass - Retain
Repair Floor w/1 1/4" Bituminous Concrete Pavement See Detail Sheet 173 of 420
(Paid as Bituminous Concrete Gutters and Traffic Islands which will include a tack coat of emusified asphalt of all surfaces under new pavement.)
The Existing Floor Shall be Cleaned of all Organic Material & Broken Concrete Prior to the Placing of Bituminous Concrete Pavement.
(Paid as Blast Cleaning of Concrete Surfaces - Item 523.10)



374+15

Exist 84" CMP - Retain



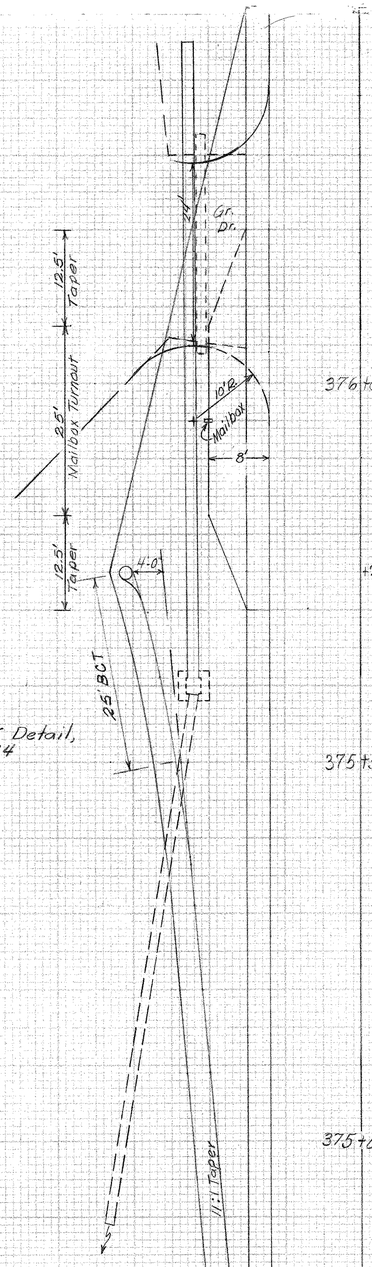
374+00

C-F 15
F-58 47
58-19

ADDISON MM 0.71 ~ MM 0.94

FROM STA.	374+00	TO STA.	374+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	03/13/84
SURVEYED BY	FANTONI		FEB 84
SHEET 397 OF 420 SHEETS		SHEET	397 OF 477

SCALE 10 FEET

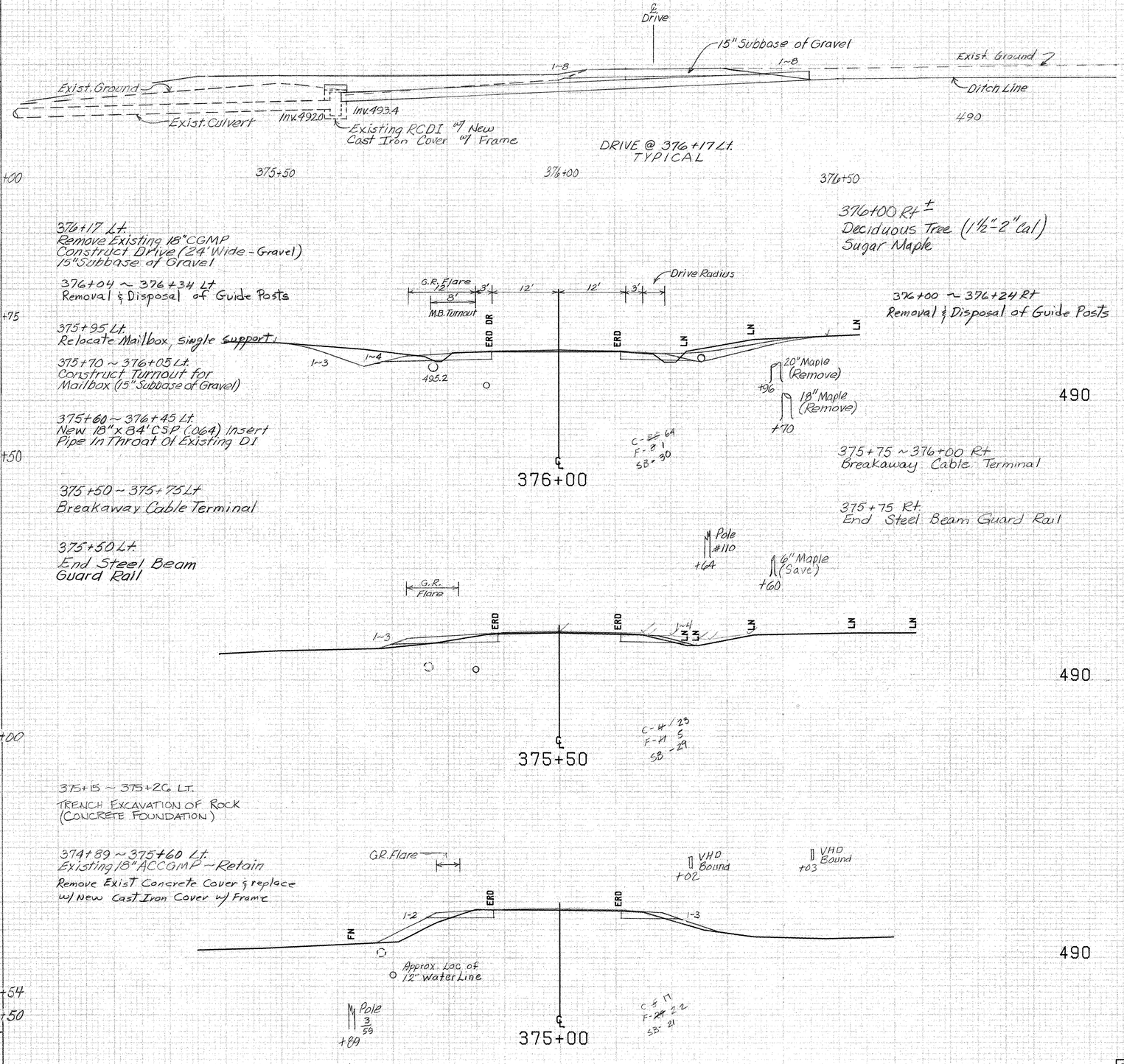


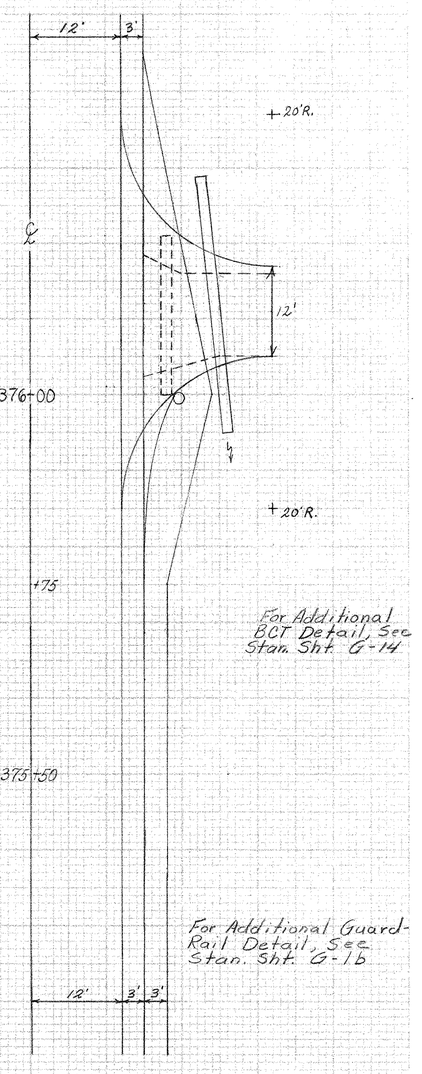
For Additional BCT Detail, See Stan. Sht. G-14

DETAIL
Guard Rail & Turnout for Mailbox

Additional Guardrail Detail See Std. Sht. G-1b

Additional Mailbox Turnout Detail See Std. Sht. B-17





For Additional BCT Detail, See Stan. Sht. G-14

For Additional Guard-Rail Detail, See Stan. Sht. G-1b

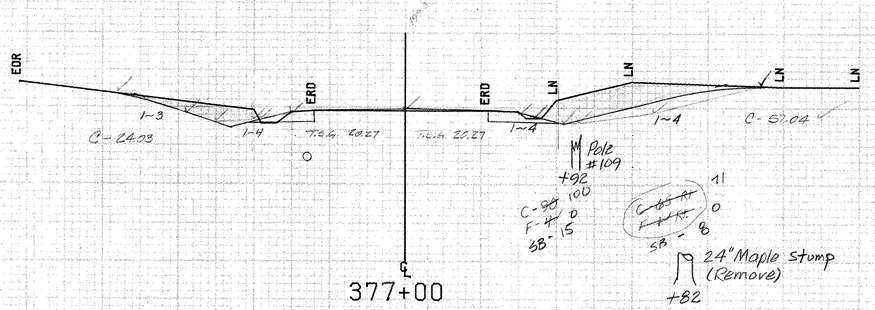
Guardrail Detail

ADDISON MM 0.71 ~ MM 0.94

FROM STA.	375+00	TO STA.	376+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	03/13/84
SURVEYED BY	FANTONI		FEB 84
SHEET 378 OF 420 SHEETS		SHEET 378 OF 477	

SCALE 10 FEET

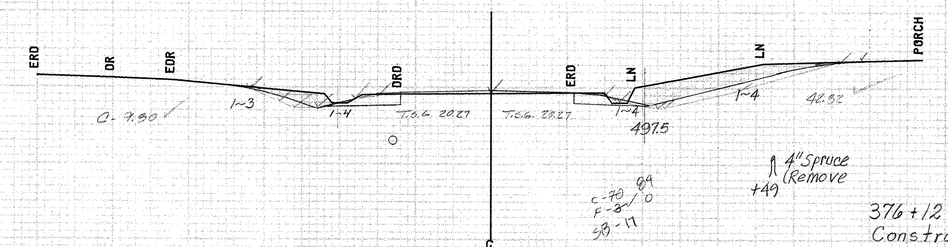
EARTH	
20.27	499.6
20.27	498.3
25.0	498.3
29.0	499.2
38.0	508.1
20.27	499.8
24.03	



EARTH	
20.27	501.0
20.27	499.0
45.0	503.0
30.0	503.4
20.27	501.0
57.04	

490

EARTH	
21.0	498.0
23.0	497.4
32.0	500.0
22.0	499.0
21.0	498.0
9.80	

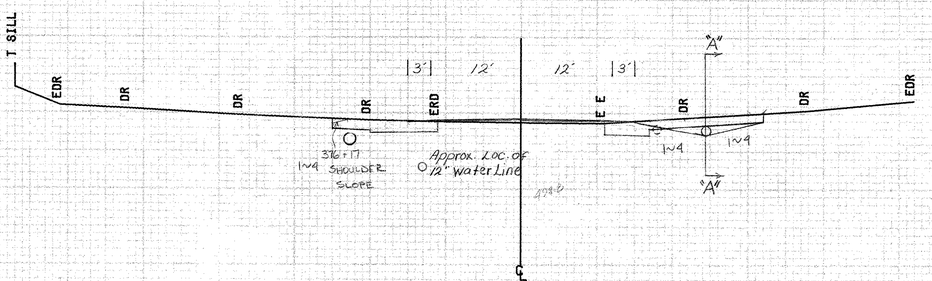


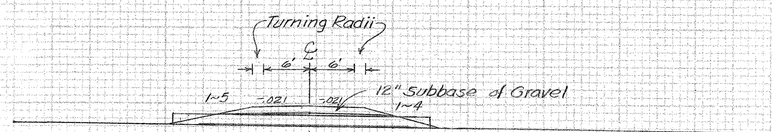
EARTH	
20.27	500.2
20.27	495.0
21.0	497.8
45.0	503.6
36.0	503.2
20.27	500.2
42.32	

490

376+12 Rt.
Construct Drive (12' wide - Gravel)
New 15" x 34' CSP (.064)
Exist. 15" CMP - Remove

4" Spruce (Remove)
+31





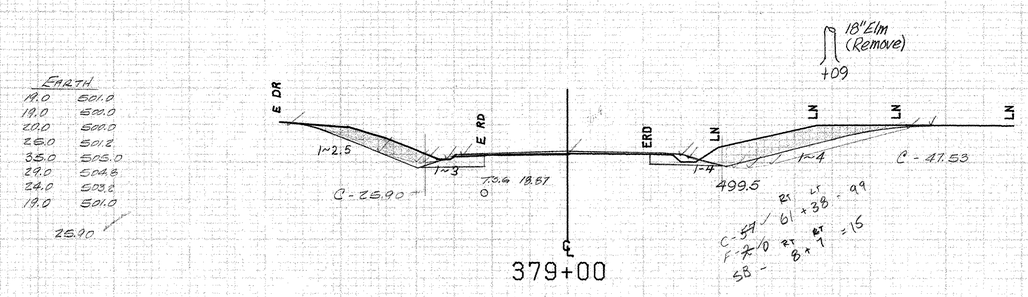
490

490

ADDISON MM 0.71 ~ MM 0.94

FROM STA.	376+12	TO STA.	377+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	03/13/84
SURVEYED BY	FANTONI		FEB 84
SHEET 399 OF 420 SHEETS		SHEET	399 OF 477

SCALE 10 FEET



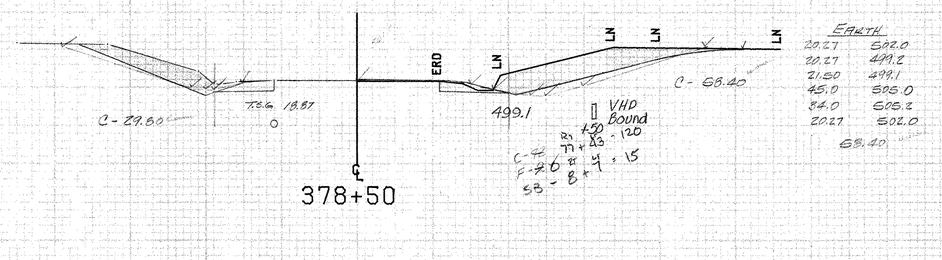
EARTH	
19.0	501.0
19.0	500.0
20.0	500.0
26.0	501.2
35.0	505.0
29.0	504.8
24.0	503.2
19.0	501.0

25.90

EARTH	
20.27	502.0
20.27	499.6
21.0	499.5
44.0	505.1
33.0	505.0
20.27	502.0

27.53

500



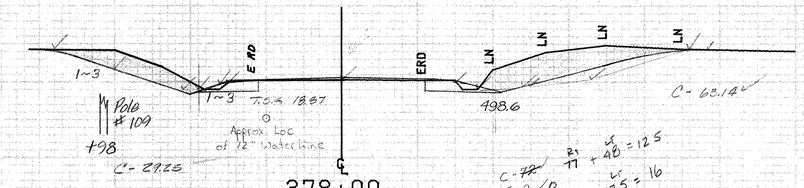
EARTH	
19.0	500.3
19.0	499.7
20.0	499.7
21.0	500.0
25.0	501.0
37.0	505.5
33.0	505.7
21.0	502.0
19.0	500.3

29.80

EARTH	
20.27	502.0
20.27	499.2
21.50	499.1
45.0	505.0
34.0	505.2
20.27	502.0

68.40

500



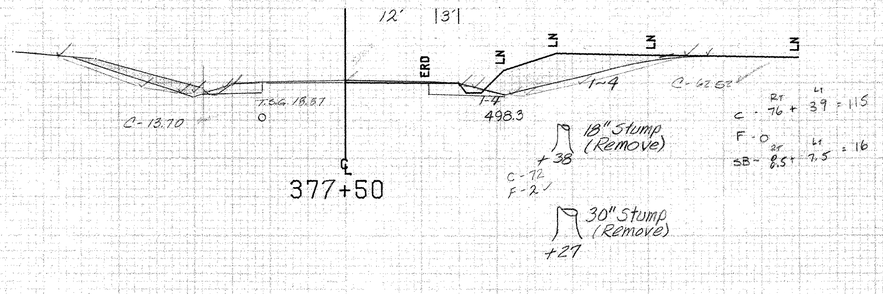
EARTH	
19.0	499.4
19.0	499.0
21.0	499.0
30.0	501.9
38.0	504.0
30.0	504.2
24.0	502.0
19.0	499.4

29.26

EARTH	
20.27	501.8
20.27	499.0
24.0	499.8
44.0	504.4
35.0	504.9
22.0	504.0
20.27	501.8

63.14

500



EARTH	
19.0	499.1
19.0	498.9
20.0	498.7
22.0	498.7
34.0	503.5
33.0	503.1
19.0	499.1

13.70

EARTH	
20.27	501.2
20.27	498.4
21.50	498.3
44.0	503.7
28.0	504.0
21.0	501.8
20.27	501.2

62.62

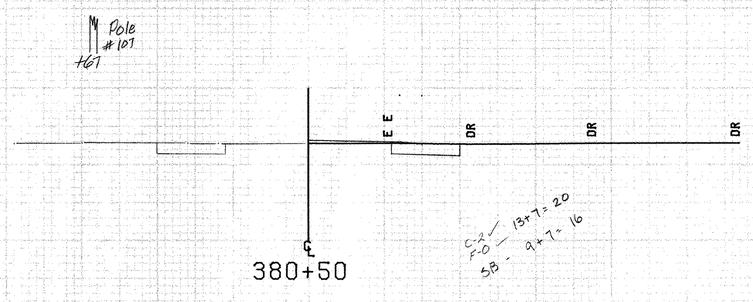
500

376+29 ~ 380+10 Rt.
Construct Special Ditch (To be paid as Common Excavation)

ADDISON MM 0.71 ~ MM 0.94

FROM STA.	377+50	TO STA.	379+00
PROJECT NAME		SHOREHAM-BRIDPORT-ADDISON	
NO.		F017-1(2)	PLOTTED 03/13/84
SURVEYED BY		FANTONI	FEB 84
SHEET 400 OF 420 SHEETS		SHEET 400 OF 477	

SCALE 10 FEET



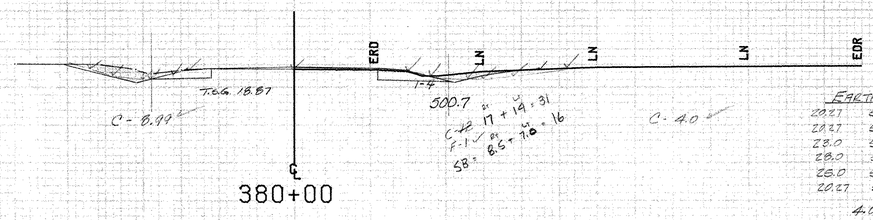
500

500

380+13 – 380+66 Rt
Removal & Disposal of Guide Posts

EARTH	
18.87	501.9
18.87	501.0
20.0	501.0
24.0	501.6
27.0	502.4
29.0	503.0
26.0	503.0
21.0	502.3
18.87	501.9

8.99



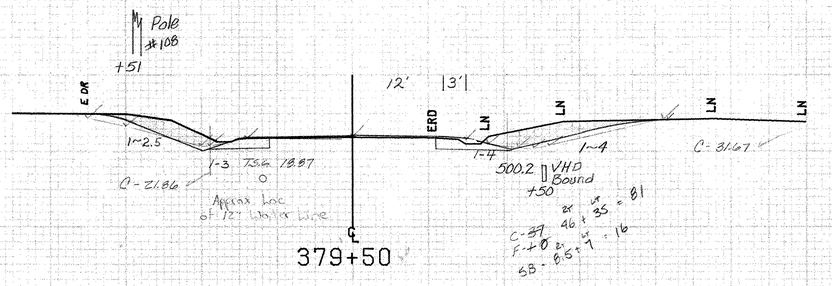
EARTH	
20.27	501.7
20.27	501.1
28.0	501.1
28.0	502.0
26.0	502.0
20.27	501.7

4.0

500

EARTH	
18.87	500.7
20.0	500.7
24.0	501.8
38.0	505.0
30.0	505.0
24.0	504.2
18.87	501.9
18.87	500.7

21.86



EARTH	
20.27	502.5
20.27	504.6
22.0	504.5
40.0	504.0
28.0	504.0
20.27	502.5

31.67

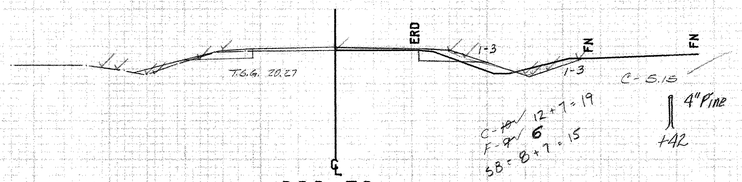
500

ADDISON MM 0.71 ~ MM 0.94

FROM STA.	379+50	TO STA.	380+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDI ON		
NO.	F017-1(2)	PLOTTED	03/13/84
SURVEYED BY	FANTONI		FEB 84
SHEET 401 OF 420 SHEETS		SHEET	401 OF 477

SCALE 10 FEET

Pole #106
+65

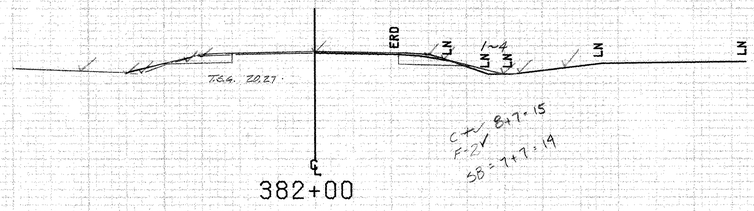


500

EARTH	
24.0	501.7
25.0	501.4
26.0	501.4
28.0	501.9
33.0	503.4
31.0	503.4
24.0	501.7

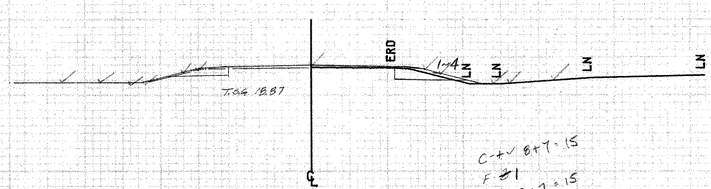
S.15

382+00 Rt.
Begin Special Ditch (Pay As Common Excavation)



500

2-12" Elm Stumps
+75



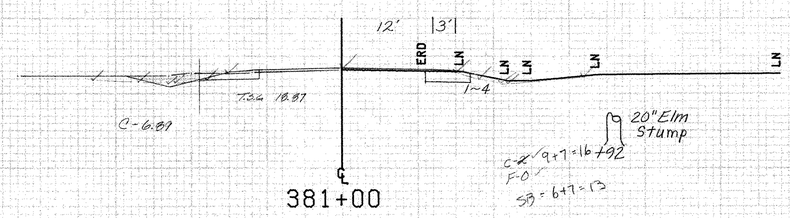
500

2-15" Elm Stumps
+44

15" Elm Stump
+37

EARTH	
18.87	502.8
18.87	501.6
25.0	501.5
28.6	502.3
23.0	502.2
29.0	502.6
18.87	502.8

6.87



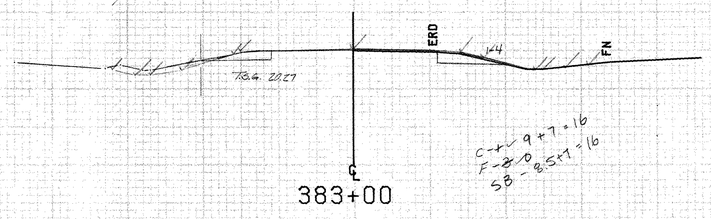
500

20" Elm Stump
+92

ADDISON MM 0.71 ~ MM 0.94

FROM STA.	381+00 TO STA. 382+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON
NO.	F017-1(2) PLOTTED 03/13/84
SURVEYED BY	FANTONI FEB 84
SHEET 402 OF 420 SHEETS	SHEET 402 OF 477

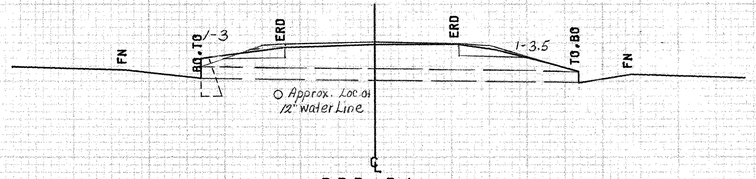
SCALE 10 FEET



383+00

500

382+84 Rt.
End Special Ditch (Pay As Common Excavation)



382+84

Existing 18" RCP ~ Retain ~ Remove Top 1 Ft Of Headwall @ Inlet. Clean Outlet Ditch

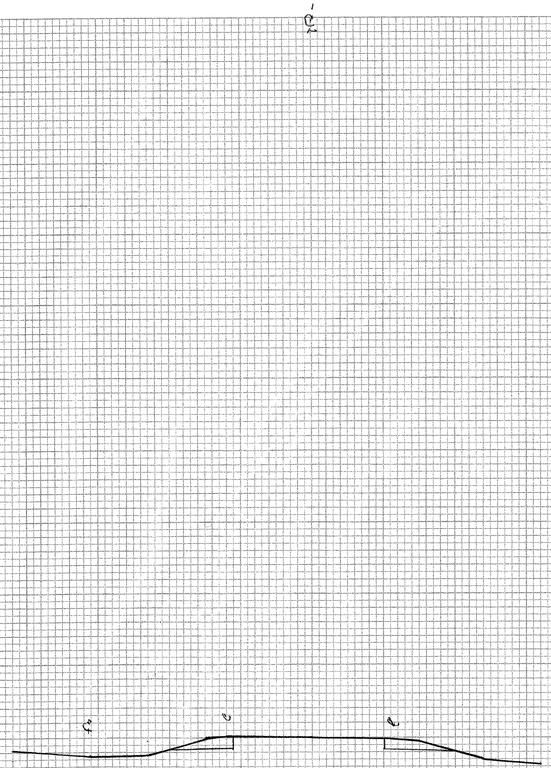
500

ADDISON MM 0.71 ~ MM 0.94

FROM STA.	382+84	TO STA.	383+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1(2)	PLOTTED	03/13/84
SURVEYED BY	FANTONI		FEB 84
SHEET 403 OF 420 SHEETS		SHEET 403 OF 477	

SCALE 10 FEET

FINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE







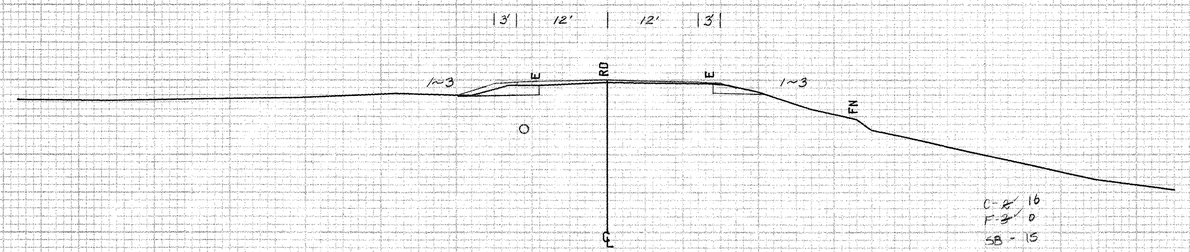
ORIGINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

SHOREHAM-BRIDPORT-ADDISON
FO17-1(2)

383+50 - 384+50

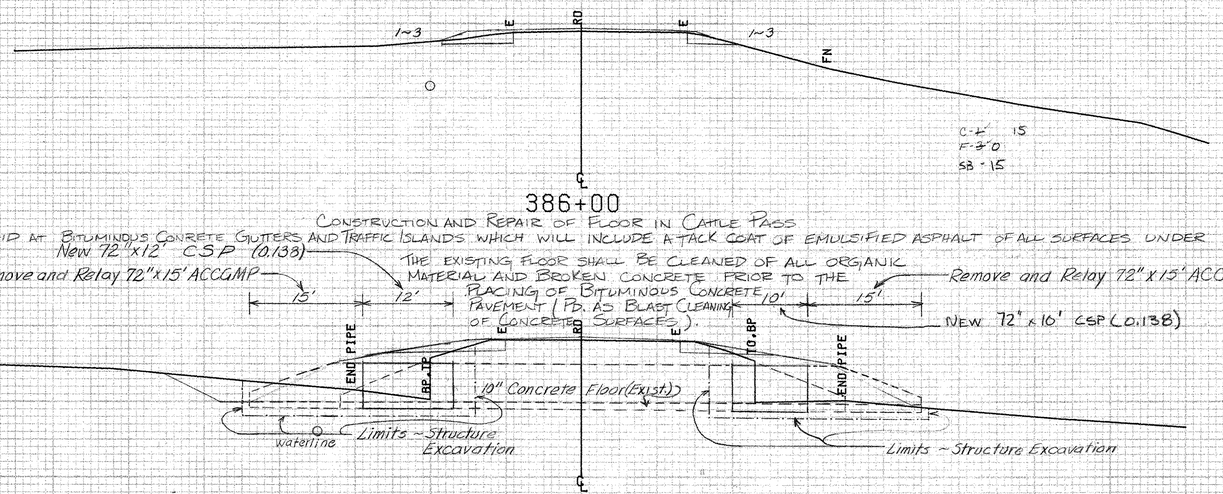
PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

plotted 11-91 R Russell



500

386+50



500

386+00

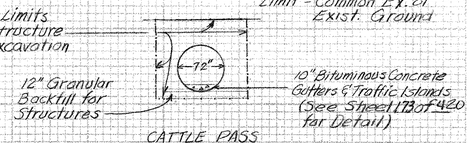
Construction and Repair of Floor in Cattle Pass
(To be paid at Bituminous Concrete Gutters and Traffic Islands which will include a tack coat of emulsified asphalt of all surfaces under new pavement.

385+50

72" ACCGMP CATTLE PASS ~ Retain
Remove and Relay 15' Section on each end and extend 16' Rt. & 12' Lt. w/ 72" CSP (.138)

C-L 59
F-L 23
SB - 24

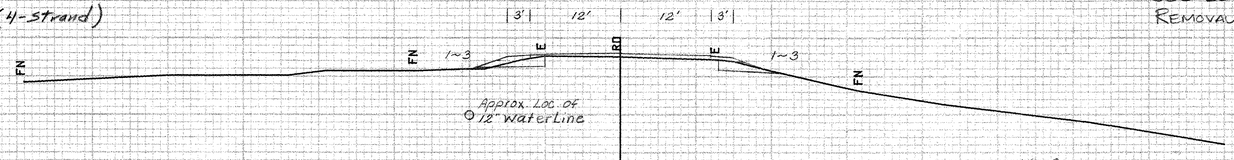
500



CATTLE PASS TYPICAL

385+00 ~ 386+00 LT
Removing & Resetting Fence
Temporary Barbed Wire Fence (4-Strand)
Removal of Existing Fence

385+20 Rt ~ 385+80 Rt
Removal of Existing Fence (Non-Part.)



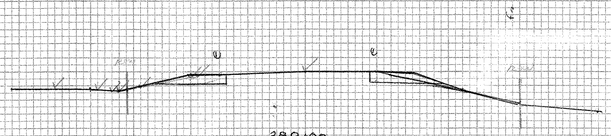
500

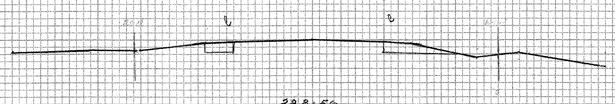
385+00

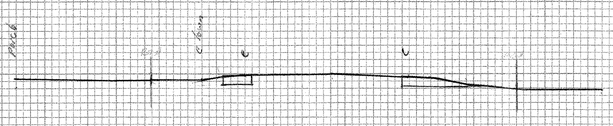
ADDISON MM 0.98 ~ MM 1.01

SCALE 10 FEET

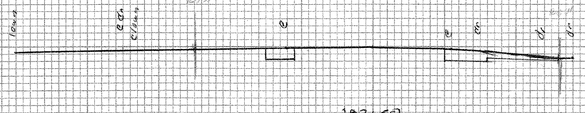
FROM STA.	385+00	TO STA.	386+50
PROJECT NAME	SHOREHAM-ADDISON		MAIN8
NO.	F017-1(2)		PLOTTED 01/09/85
SURVEYED BY	FANTONI		DEC 1984
SHEET 404 OF 420 SHEETS		SHEET	404 OF 477

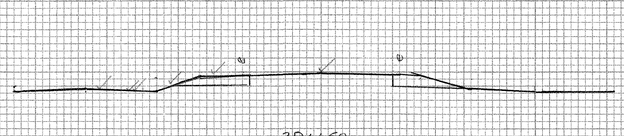


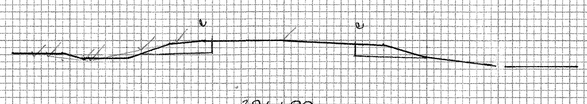




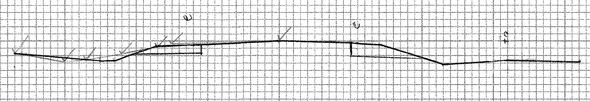


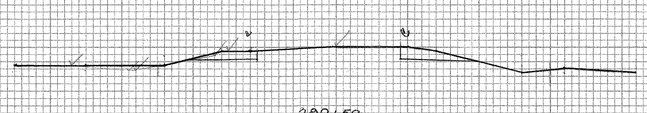












SHOREHAM-BRIDPORT-ADDISON

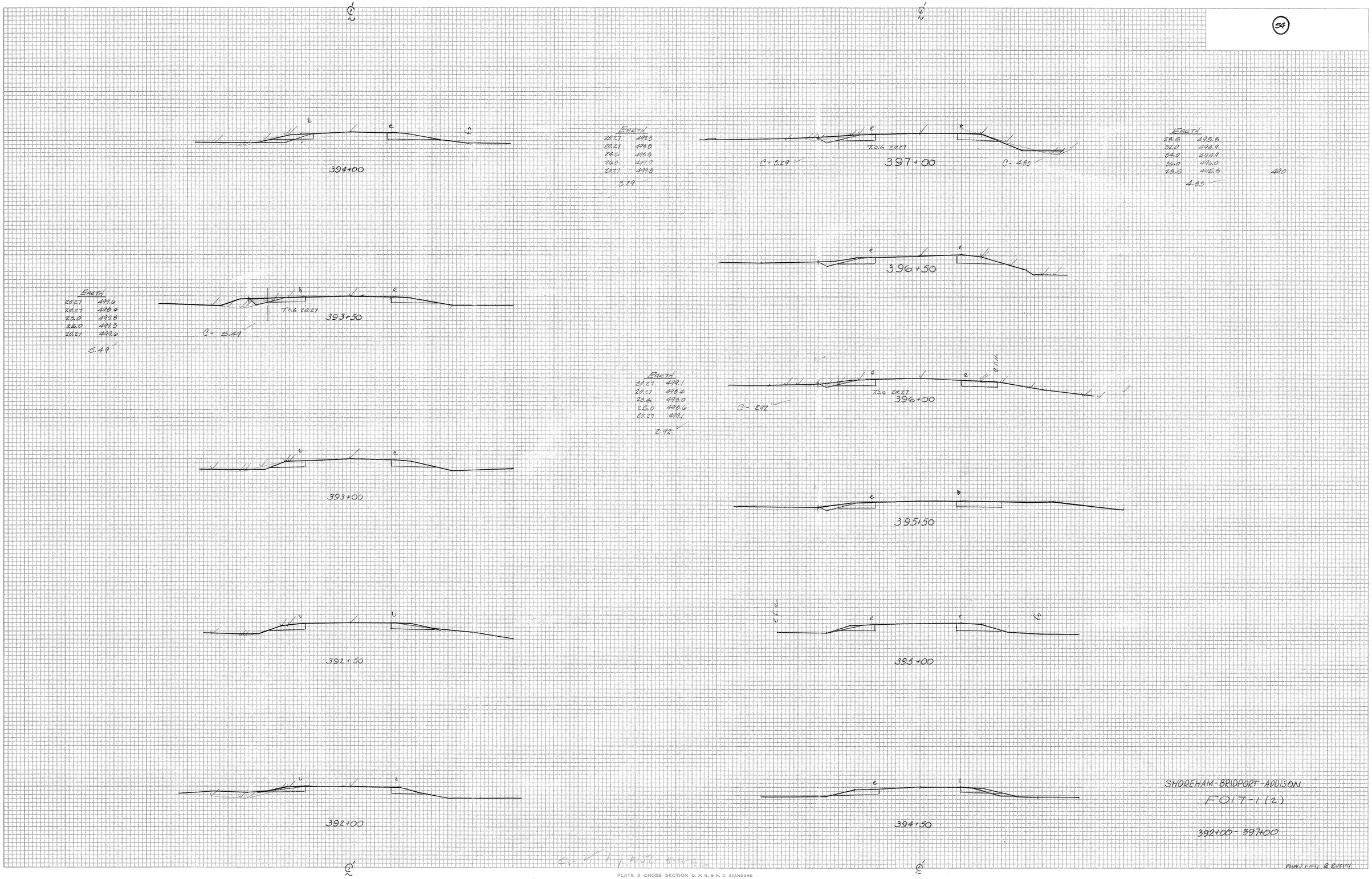
F017-1(12)

387+50 - 391+50

DRAWN 11-14-91 R RUSSELL

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

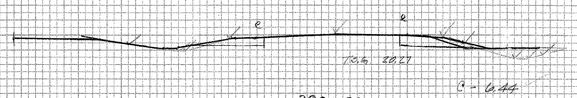
Sheet 401-A of 471



FINAL SURVEY NOTE BOOK No. — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED — BY — DATE

ORIGINAL SURVEY NOTE BOOK No. — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED — BY — DATE

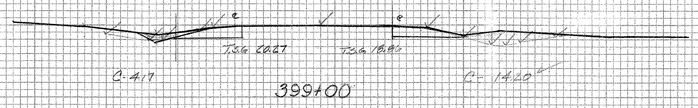
PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION



399+50

EARTH	
20.27	416.1
25.0	416.9
27.0	416.9
29.2	417.6
32.0	417.7
20.27	418.1

0.44

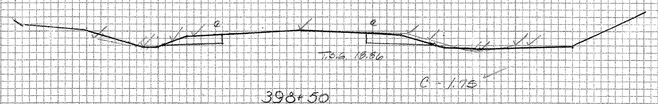


399+00

EARTH	
20.27	410.0
20.27	410.1
23.0	411.9
25.0	411.9
26.0	412.0
28.0	416.7
20.27	410.0

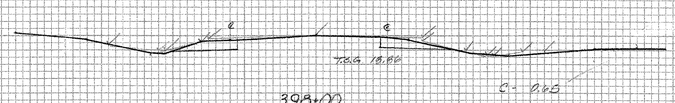
4.17

EARTH	
20.0	420.1
25.0	422.5
26.0	422.8
28.0	423.9
35.10	427.0.1
75.3	429.1
20.1	429.1



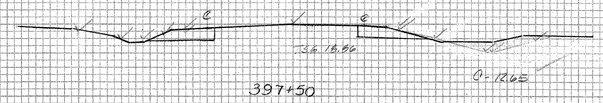
398+50

EARTH	
22.0	427.0
24.0	427.1
26.0	427.1
28.0	427.9
26.0	427.9



398+00

EARTH	
22.0	427.9
28.0	427.1
25.0	427.1
26.0	427.2
22.0	427.9



397+50

EARTH	
21.0	427.7
27.0	428.8
28.0	428.8
32.0	429.8
36.0	428.3
52.0	429.5
28.0	427.9
21.0	427.7

SHOREHAM - BRIDPORT - ADDISON

F 017-1(12)

397+50 - 399+50

PLATE 3 CROSS SECTION O. P. R. B.R. E. STANDARD
DIETZGEN CORPORATION

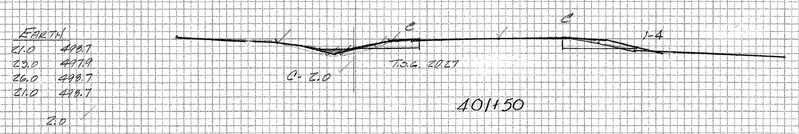
Plotted 7/15/21 R. Roberts

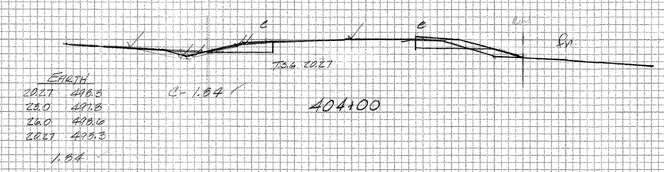
sheet 404-C of 47

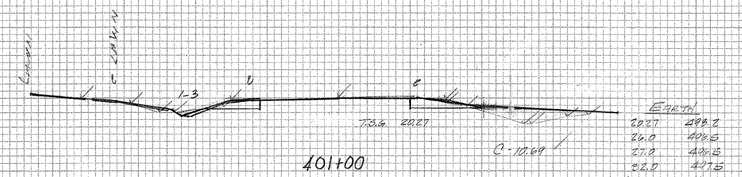
FINAL SURVEY NOTE BOOK No.
SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED
DATE BY

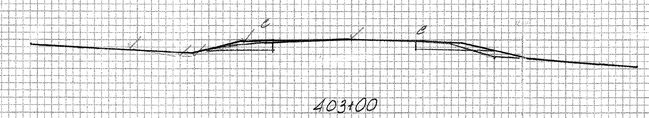
ORIGINAL SURVEY NOTE BOOK No.
SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED
DATE BY

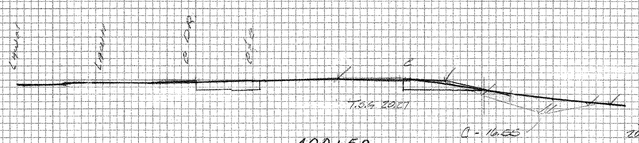
56

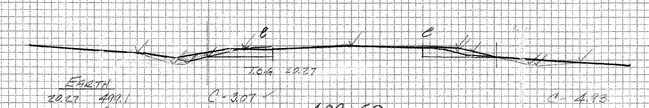


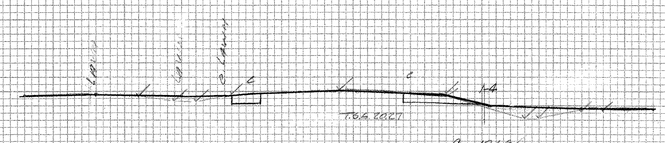


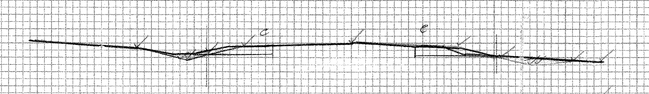












SHOREHAM-BRIDPORT-ADDISON

F017-1(2)

400+00-404+00

ADDISION MM 1.34

DLOWED R. ROSSOTT

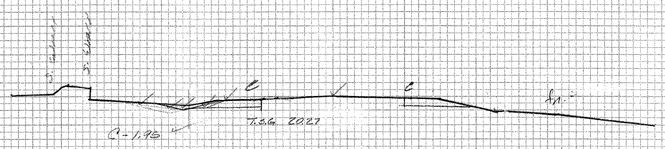
sheet 404-D of 477

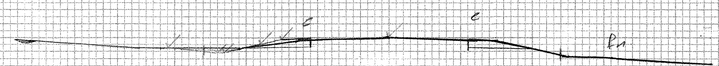
FINAL SURVEY NOTE BOOK No. SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED BY DATE

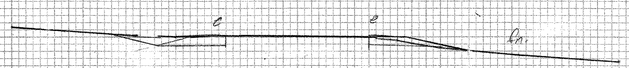
ORIGINAL SURVEY NOTE BOOK No. SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED BY DATE

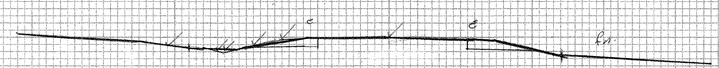
PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

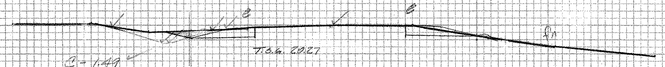
FINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TRACED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE



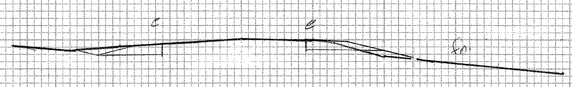


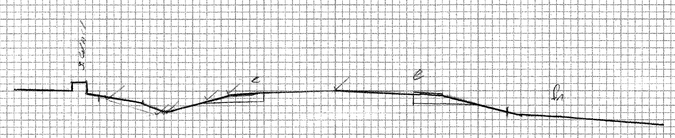












ORIGINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TRACED
AREAS
AREAS CHECKED
BY
DATE

SHOREHAM-BRIDPORT-ADDISON

F017-1(2)

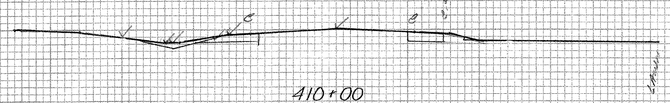
405+50-408+00

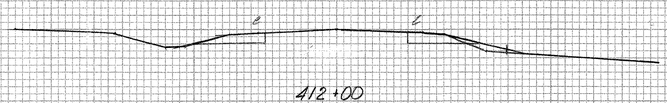
ADDISON MM 1.3

Plotted R Russell

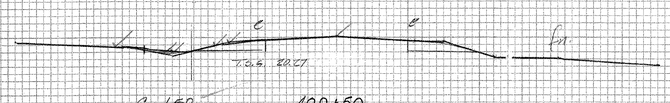
FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
CHECKED
TRIPLATE
AREAS
AREAS CHECKED
BY
DATE

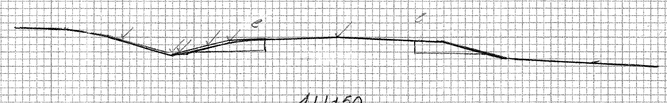
ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
CHECKED
AREAS
AREAS CHECKED
BY
DATE

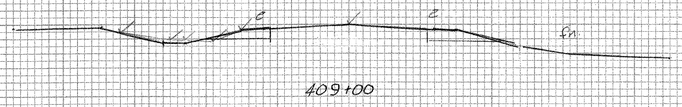


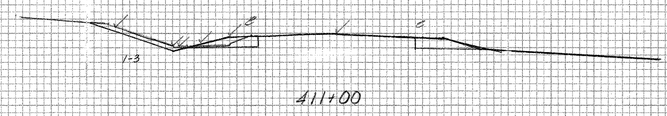


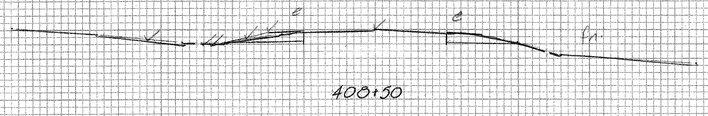
EARTH
22.0 428.0
24.0 427.5
32.0 427.7
22.0 429.0
150











EARTH
22.0 428.5
24.0 429.0
25.0 428.0
26.0 501.0
30.0 600.7
24.0 429.5
22.0 428.2
5.30



SHOREHAM-BRIDPORT-ADDISON
F 017-1(2)
408+50 - 412+00
ADDISON MM 1.35

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

Sheet 404-F of 477

Plotted R Russell

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
No.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
No.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

EARTH

20.27	499.6
20.27	498.7
22.0	498.5
23.0	498.5
26.0	499.0
28.0	500.5
25.0	499.3
22.0	499.3
20.27	499.6

4.72

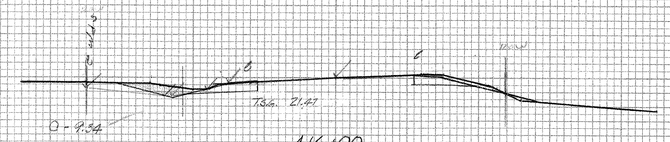


414+00

EARTH

21.47	498.6
21.47	497.6
23.0	497.4
24.0	497.4
31.0	499.2
26.0	499.2
21.47	498.6

9.34



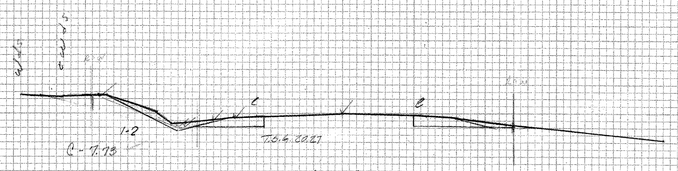
416+00

OLD STONE BOX ± @ 415+80

EARTH

20.27	499.0
20.27	498.1
22.0	498.0
23.0	498.0
28.0	500.0
33.0	502.5
26.0	500.1
24.0	498.7
20.27	499.0

7.73

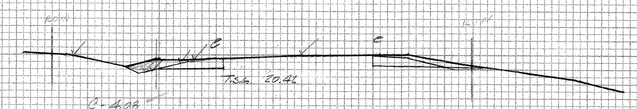


413+50

EARTH

20.42	499.4
20.42	498.0
21.0	497.8
22.0	497.8
26.0	498.4
20.42	499.4

4.08

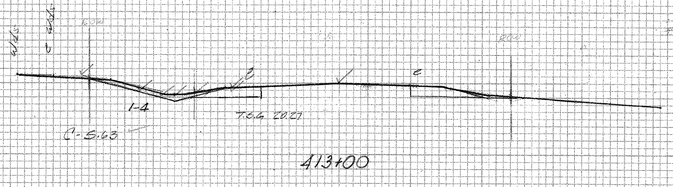


415+50

EARTH

20.27	498.5
20.27	499.0
23.0	498.1
26.0	498.1
28.0	498.7
35.0	500.7
32.0	500.4
24.0	498.4
22.0	498.4
20.27	498.5

5.63

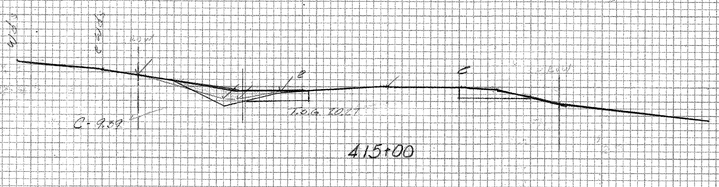


413+00

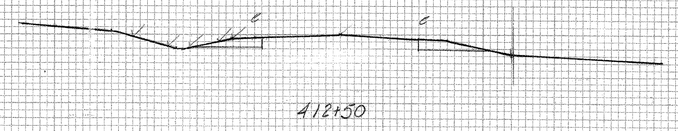
EARTH

20.27	499.4
20.27	498.3
21.0	498.2
23.0	498.2
27.0	499.7
30.0	501.0
21.0	499.4
20.27	499.4

9.39



415+00

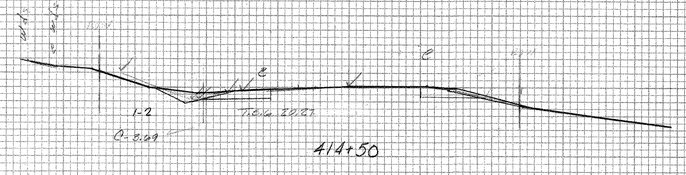


412+50

EARTH

20.27	499.3
20.27	498.3
21.0	498.4
22.0	498.4
26.0	499.9
21.0	499.3
20.27	499.3

3.69



414+50

SHOREHAM - BRIDPORT - ADDIS ON

F017-1(2)

412+50-416+00

ADDISION MA 1.37

Plotted R. Russell

Sheet 404-G of 477

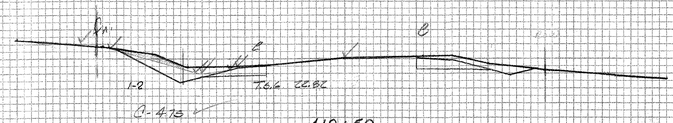
[redacted] [redacted] PLA[redacted] & R. E. STANDARD [redacted]

FINAL SURVEY — NOTE BOOK — No. — SURVEYED — PLOTTED — TRIPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — No. — SURVEYED — PLOTTED — TRIPLATE — AREAS — AREAS CHECKED — BY — DATE



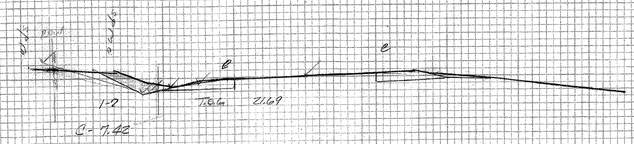
417+77
2 car Garage



EARTH	
22.82	499.0
22.82	498.7
23.0	501.6
27.0	502.7
22.82	499.0

4.70

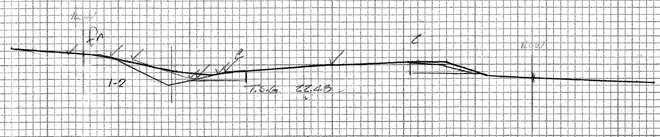
419+50



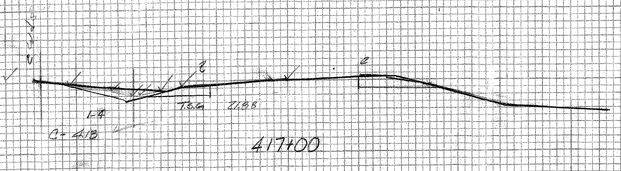
EARTH	
21.69	499.2
21.69	498.1
22.0	498.0
23.0	498.0
27.0	501.0
27.0	500.5
22.0	499.3
21.69	499.2

0.42

417+50
MM 1.60



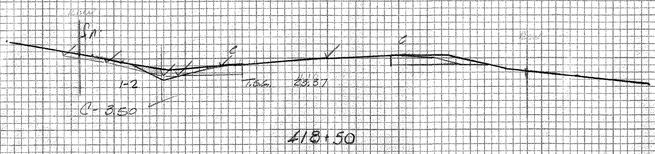
419+00



EARTH	
21.88	499.0
21.88	498.8
25.0	498.8
26.0	500.0
21.88	499.0

4.13

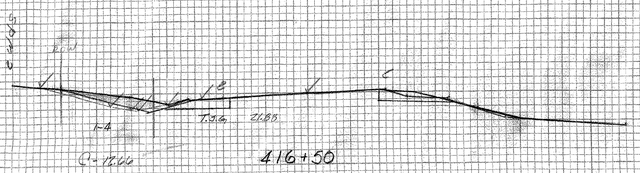
417+00



EARTH	
23.37	498.7
23.37	499.1
25.0	498.0
26.0	499.2
23.37	498.7

3.60

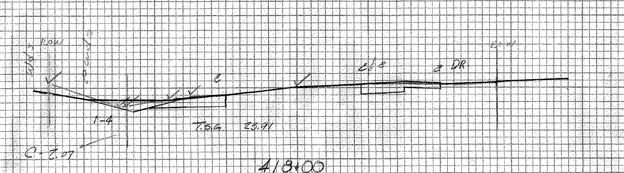
418+50



EARTH	
21.88	499.0
21.88	498.1
22.0	497.8
26.0	501.0
26.0	499.6
21.88	499.0

12.66

416+50



EARTH	
23.91	498.5
23.91	497.5
25.0	497.5
26.0	498.3
23.91	498.3

2.07

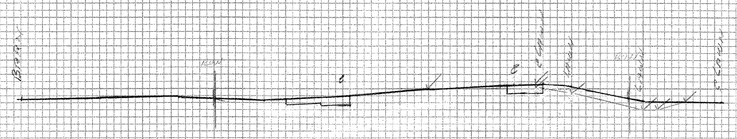
418+00

SHOREHAM-BRIDPORT-ADDIS ON
F017-1(2)
416+50 - 419+50

ADDISON NH 1.37

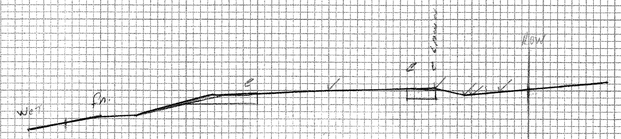
Sheet 404-H of 477

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION



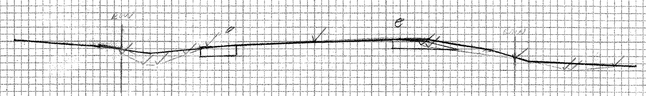
422+00

BARN LT BEGIN LAWN RT

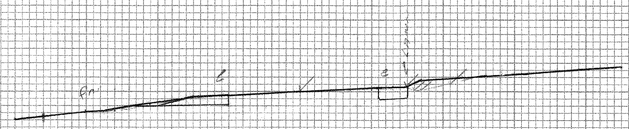


424+00

END LAWN RT @ 20



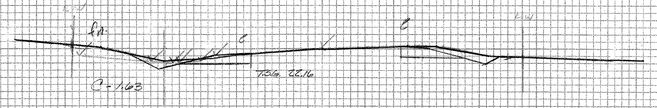
421+50



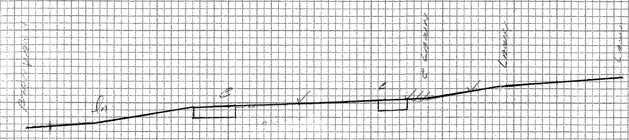
423+50

EARTH	
22.16	498.2
22.16	498.0
24.0	498.3
25.0	498.4
28.0	499.6
22.16	498.2

1.63



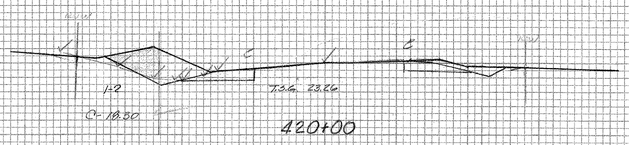
420+50



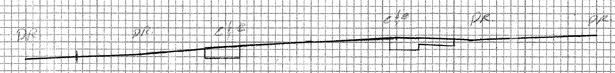
423+00

EARTH	
23.26	502.0
23.26	497.8
24.0	497.9
26.0	498.5
31.0	500.1
24.0	502.2
23.26	502.0

18.30



420+00



422+50

BARN DR LT 140 GR DRIVE RT

SHOREHAM-BRIDPORT-ADDIS ON

F 017-1(2)

420+00-424+00

ADDISIOM NM 1.60

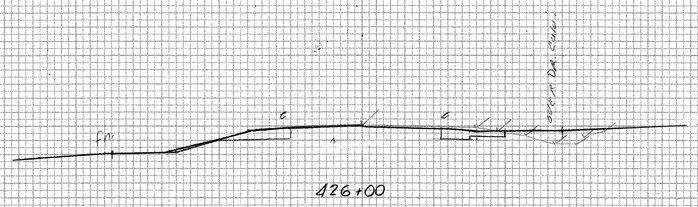
Plotted R. Russell

sheet 404-I of 477

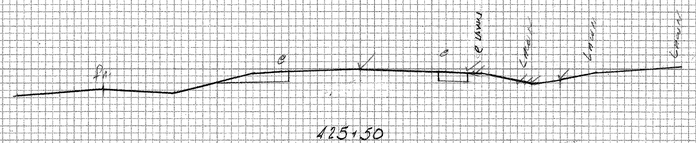
FINAL SURVEY NOTE BOOK No. SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED BY DATE

ORIGINAL SURVEY NOTE BOOK No. SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED BY DATE

PLATE 3 CROSS SECTION O. F. R. & R. E. STANDARD
DIETZGEN CORPORATION



426+00



425+50

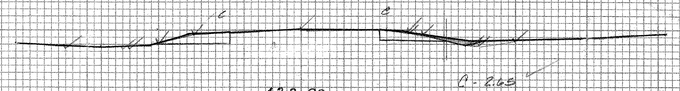


425+00

BEGIN LAWN RT @ 423+15



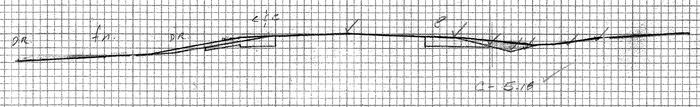
424+50



428+00

EARTH	
20.27	420.0
20.27	418.5
25.0	417.9
26.0	418.5
24.0	418.5
20.27	420.0

2.65

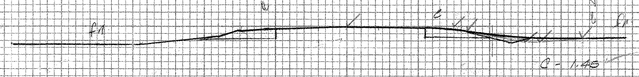


427+50

FIELD DEET

EARTH	
20.27	420.1
20.27	420.1
23.0	417.9
25.0	417.9
27.0	418.8
20.27	419.1

5.18



427+00

EARTH	
20.27	416.7
24.0	416.9
20.0	416.4
20.27	416.7

1.45



426+50

END LAWN RT 425
DRIVE EX @ 5+13

SHOREHAM-BRIDPORT-ADDISON

F017-1(2)

ADDISON MM 1.60

424+50-428+00

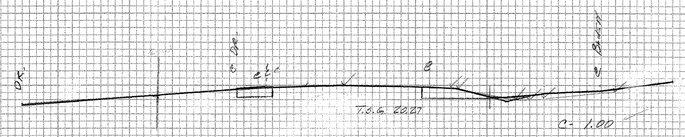
Plotted by R. Russell

Sheet 404-J of 477

ORIGINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TRACED BY
AREAS
AREAS CHECKED
BY
DATE

FINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TRACED BY
AREAS
AREAS CHECKED
BY
DATE

O. P. R. & R. E. STANDARD
PORATION

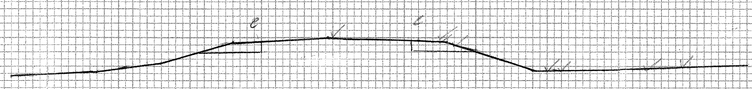


430+00

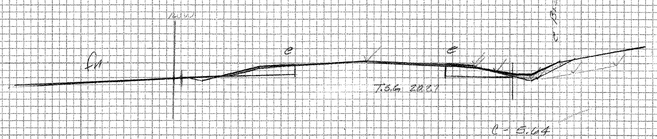
NEW DR LT ℄ BO

EARTH	
22.0	498.3
24.0	498.0
26.0	498.7
22.0	498.3

1.00



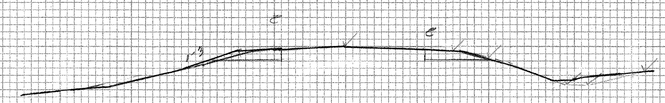
432+00



429+50

EARTH	
20.27	498.6
20.27	498.1
24.0	497.9
29.0	500.3
27.0	500.1
23.0	498.6
20.27	498.6

5.64



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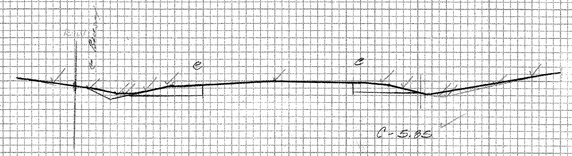

429+00

EARTH	
21.0	498.2
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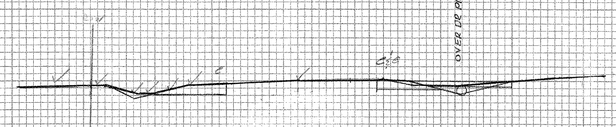
24.0	497.9
31.0	499.3
36.0	500.6
21.0	498.2

5.85



431+00



428+50

FIELD DR RT



430+50

SHOREHAM-BRIDPORT-ADDISON

F 017-1(2)

428+50 - 432+00

ADDISON MM 1.601

Plotted R. Russell

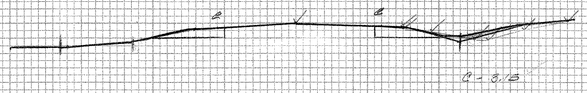
sheet 404-K of 477

FINAL SURVEY NOTE BOOK No. SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED BY DATE

ORIGINAL SURVEY NOTE BOOK No. SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED BY DATE

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

C's ✓ WJG 5-4-92



434+00

EARTH	
23.0	498.2
25.0	497.9
32.0	500.0
23.0	498.2
3.15	

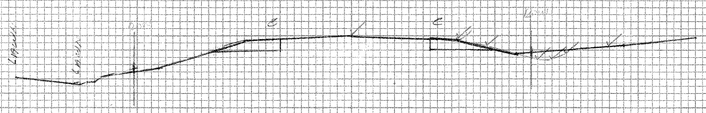


436+00



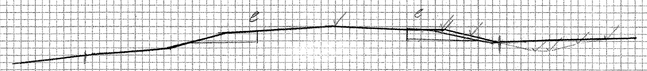
433+50

EARTH	
22.0	498.0
24.5	497.6
28.0	498.5
22.0	498.0
1.83	

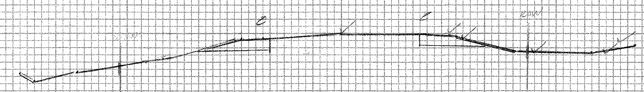


435+50

BEGIN LAWN LT @ 10



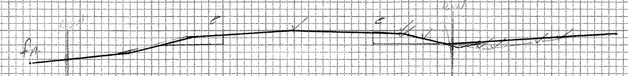
433+00



435+00



432+50



434+50

EARTH	
22.0	498.0
24.0	497.8
27.0	498.5
22.0	498.0
1.0	

SHOREHAM-BRIDPORT-ADDISON

F 017-1(2)

432+50-436+00

ADDISON MM 1:60

Plotted R Russell

sheet 404-L of 477

FINAL SURVEY NOTE BOOK No. SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED BY DATE

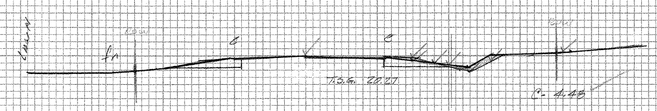
ORIGINAL SURVEY NOTE BOOK No. SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED BY DATE

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

C.S. WJG 5-4-92



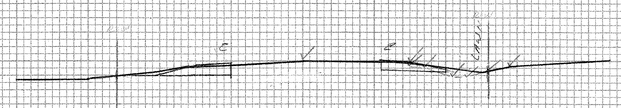
438+00



440+00

EARTH	
20.27	498.7
20.27	498.5
23.0	497.8
23.0	500.0
26.0	500.0
23.0	499.5
20.27	498.7

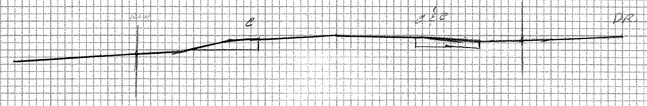
4.48



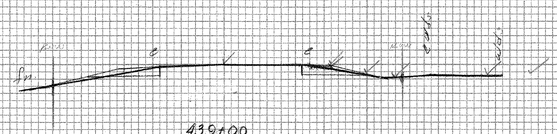
437+50



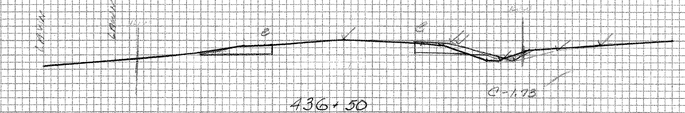
439+50



437+00
Field Dr RT
HO DRIVE LT 8.88



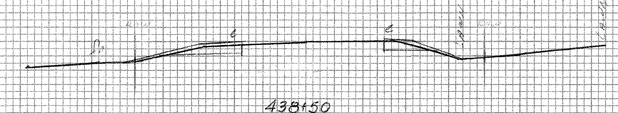
439+00



436+50

EARTH	
22.5	497.6
24.0	497.2
27.0	498.7
22.5	497.6

1.73



438+50

SHOREHAM-BRIDPORT-ADDISON
F017-1(2)
ADDISON MM 160+

436+50-440+00

Plotted E Russell
sheet 404-M of 477

FINAL SURVEY NOTE BOOK No. SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED BY DATE

ORIGINAL SURVEY NOTE BOOK No. SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED BY DATE

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

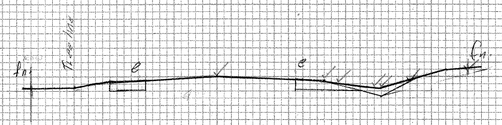
WJG 5-4-92

(66)

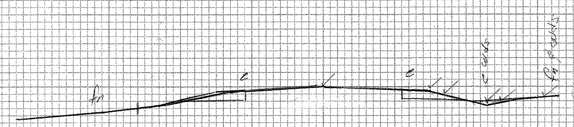


422+00

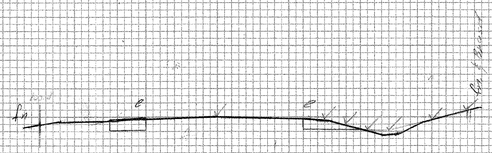
HOUSE OR LT.



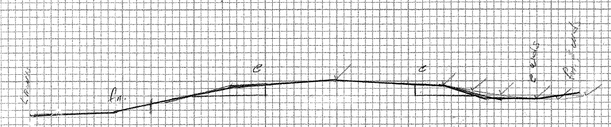
441+50



443+50



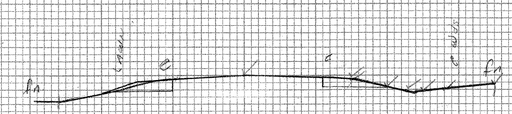
441+00



443+00



440+50



442+50

SHOREHAM-BRIDPORT-ADDISON

F 017-1(2)

440+50 - 443+50

Plotted R Russell

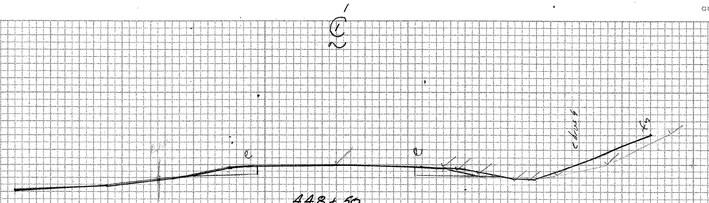
Sheet 404-N of 477

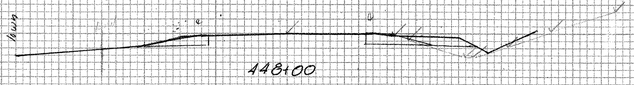
FINAL SURVEY | NOTE BOOK No. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

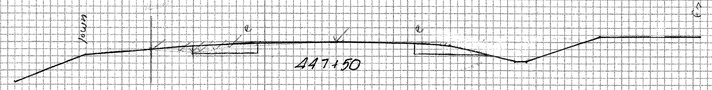
ORIGINAL SURVEY | NOTE BOOK No. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

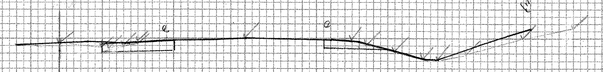
O. P. R. & R. E. STANDARD
CORPORATION

PLATE 3 CROSS SECTION O. R. R. & R. E. STANDARD
SHEETS ON CORPORATION

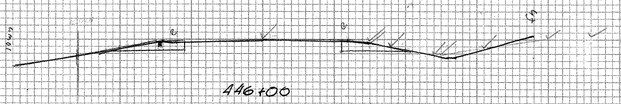


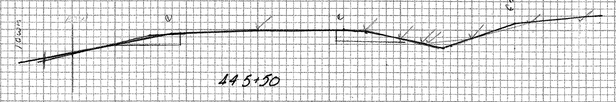




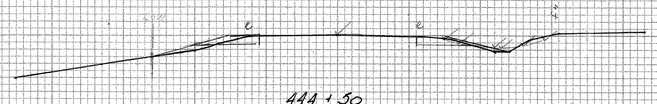












EARTH	
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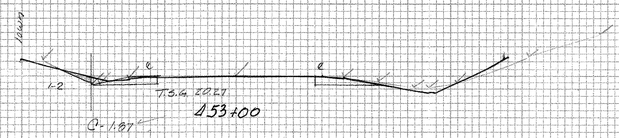
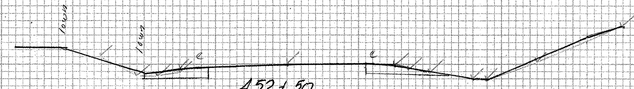
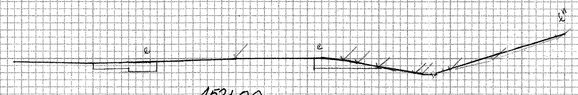
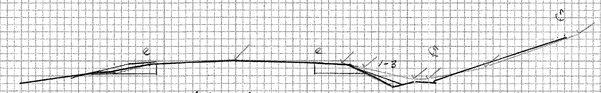
20.27	499.0
24.0	0.0
20.27	600.0

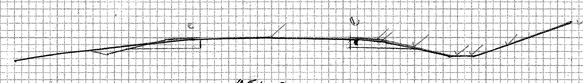
1.87

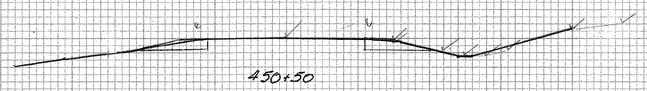


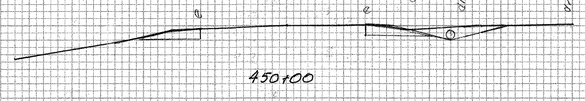


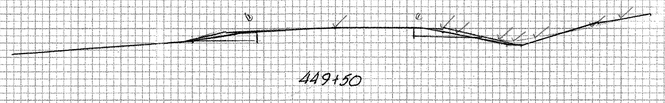


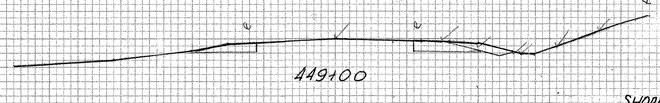












C-1 W10 Sht 172

SHOREHAM-BRIDPORT ADDISION
F 017-1(2)

444+50 - 453+00

Original Sections

sheet 404-0 of 477

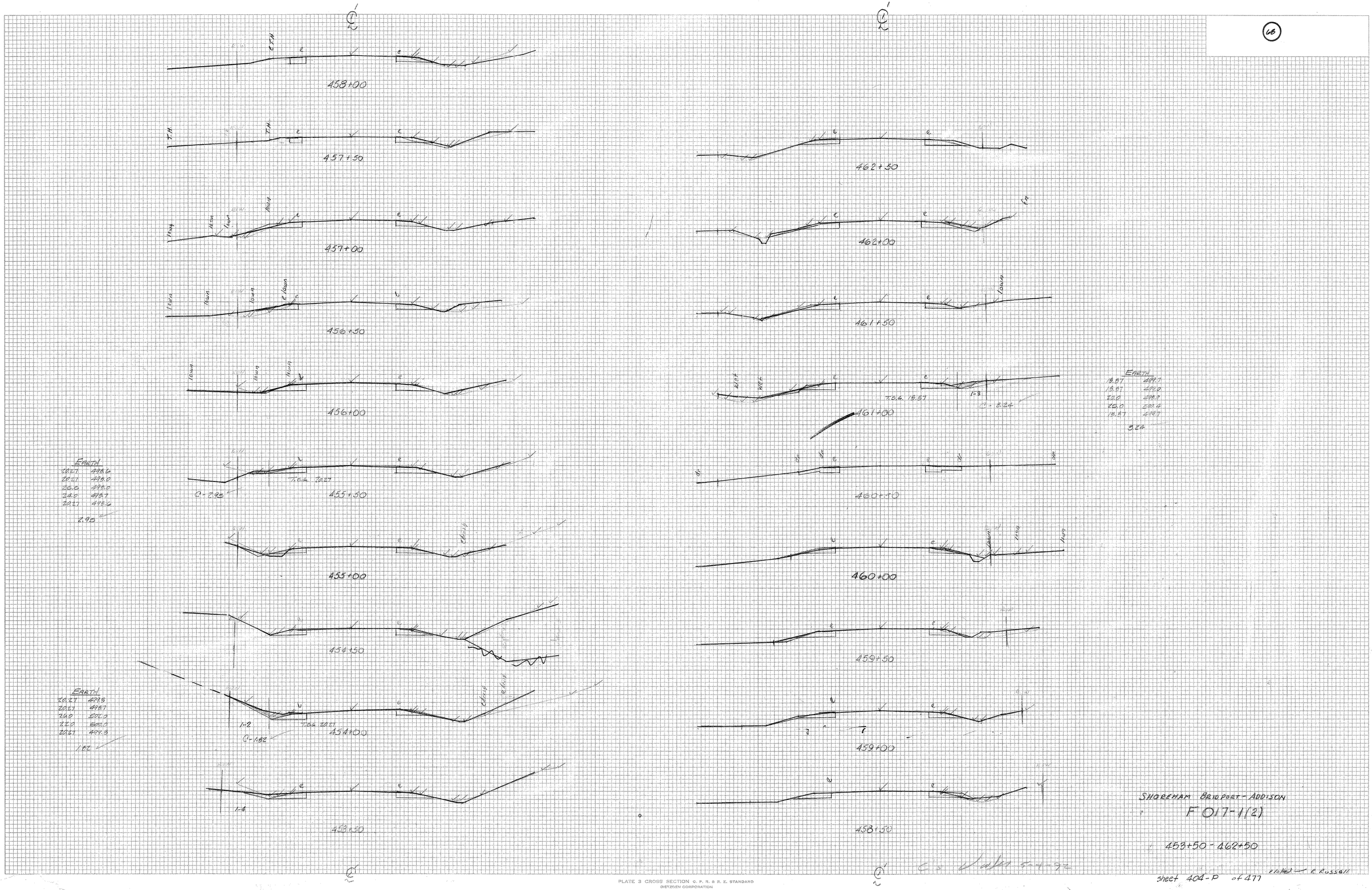
Plotted 12/6 K. Russell

ORIGINAL SURVEY	
NOTE BOOK	SURVEYED
NO.	PLOTTED
	TEMPLATE
	AREAS CHECKED

BY	DATE

FINAL SURVEY	
NOTE BOOK	SURVEYED
NO.	PLOTTED
	TEMPLATE
	AREAS CHECKED

BY	DATE



SHOREHAM BRIDPORT - ADDISON

F 017-1(2)

453+50 - 462+50

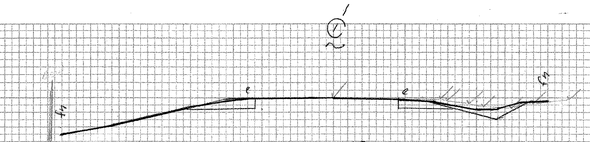
sheet 404-P of 477

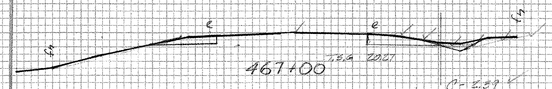
plotted — R. Russell

PLATE 3 CROSS SECTION C. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

FINAL SURVEY NOTE BOOK No. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

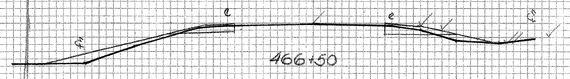
ORIGINAL SURVEY NOTE BOOK No. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

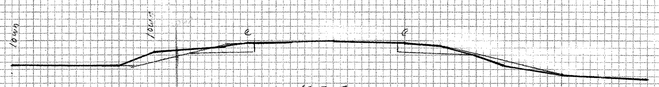


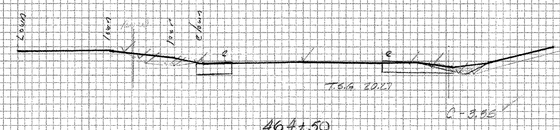


EARTH	
20.27	498.6
18.27	498.2
16.0	498.1
14.0	498.0
12.0	498.0
10.0	498.5
20.27	498.6

2.89

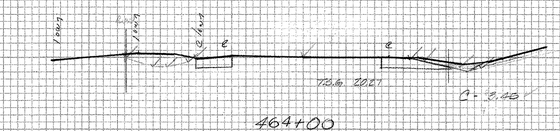






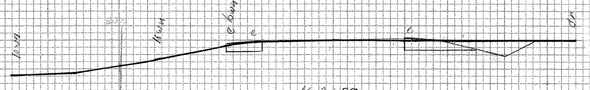
EARTH	
20.27	499.1
20.27	498.7
18.0	498.2
16.0	498.1
14.0	498.0
12.0	498.1
20.27	499.1

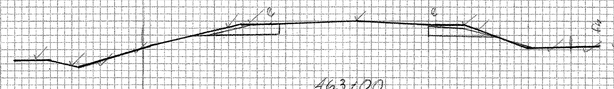
3.55

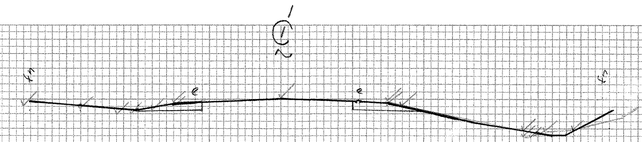


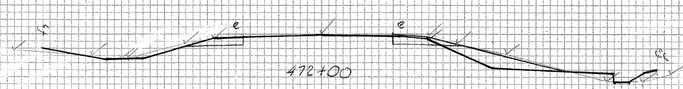
EARTH	
20.27	499.4
18.27	499.0
16.0	498.9
14.0	498.8
12.0	498.8
10.0	498.9
20.27	499.4

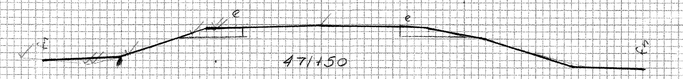
3.48

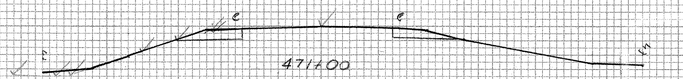


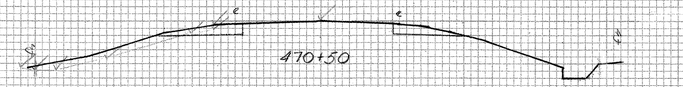


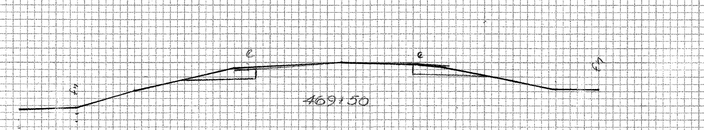


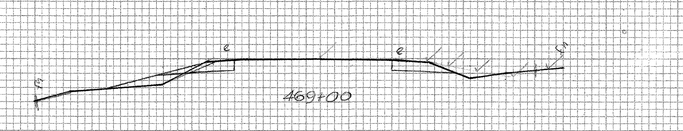


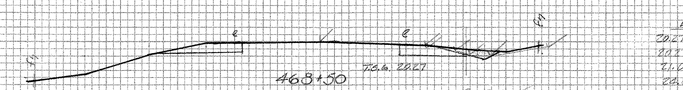






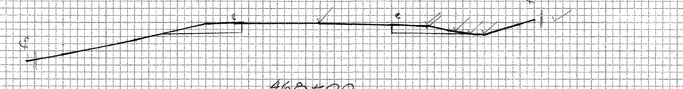






EARTH	
20.27	499.0
20.27	498.0
21.0	498.1
23.0	498.1
25.0	498.8
20.27	499.0

3.47



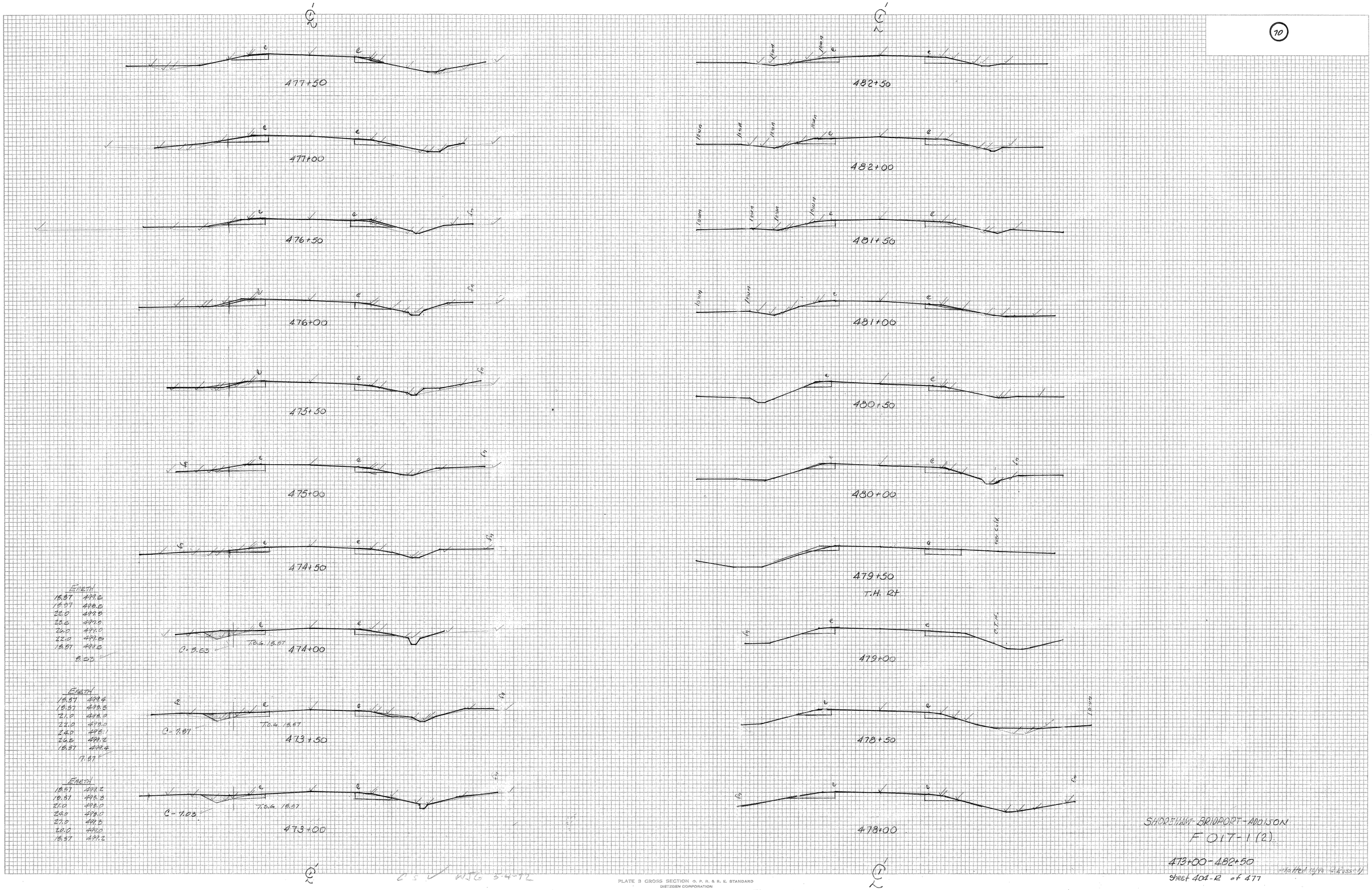
SHOREHAM-BRIDPORT-ADDISON
F017-1(2)
463+00 - 472+50

Sheet 404-Q of 477

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

FINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TRAVERSE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TRAVERSE
AREAS
AREAS CHECKED
BY
DATE



EARTH

18.87	499.5
18.87	498.5
22.0	497.8
23.5	497.0
26.0	499.0
22.0	499.5
18.87	499.5

8.53

EARTH

18.87	499.4
18.87	498.3
21.0	498.0
22.0	498.0
24.0	498.1
26.5	499.2
18.87	499.4

7.87

EARTH

18.87	499.2
18.87	498.3
21.0	498.0
24.0	498.0
27.0	499.3
20.0	499.0
18.87	499.2

FINAL SURVEY — NOTE BOOK No. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK No. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

C S ✓ WJG 5-4-72

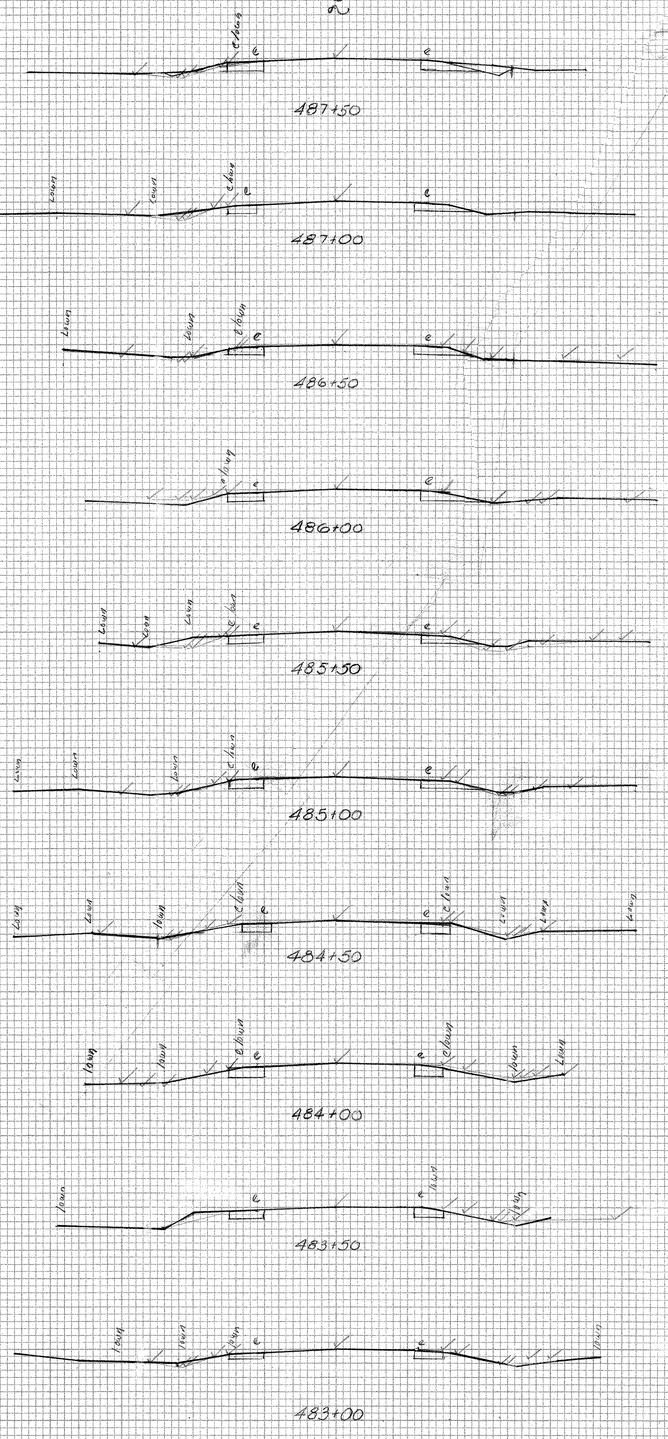
PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

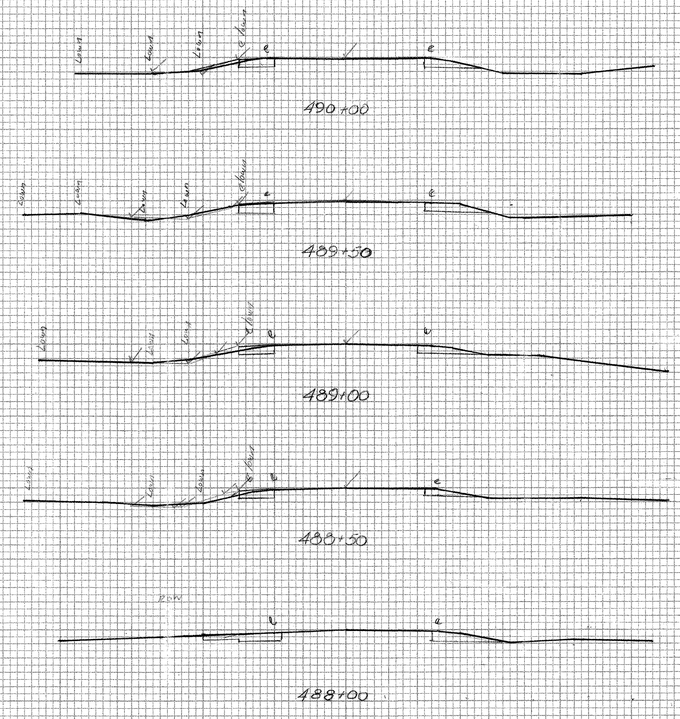
SHOREHAM-BRIDPORT-ADDISON
F 017-1 (2)

473+00-482+50

Sheet 404-R of 477

Mapped 10/90 R. Russell





SHOREHAM-BRIDPORT-ADDISON
F 017-1 (2)

483+00-490+00

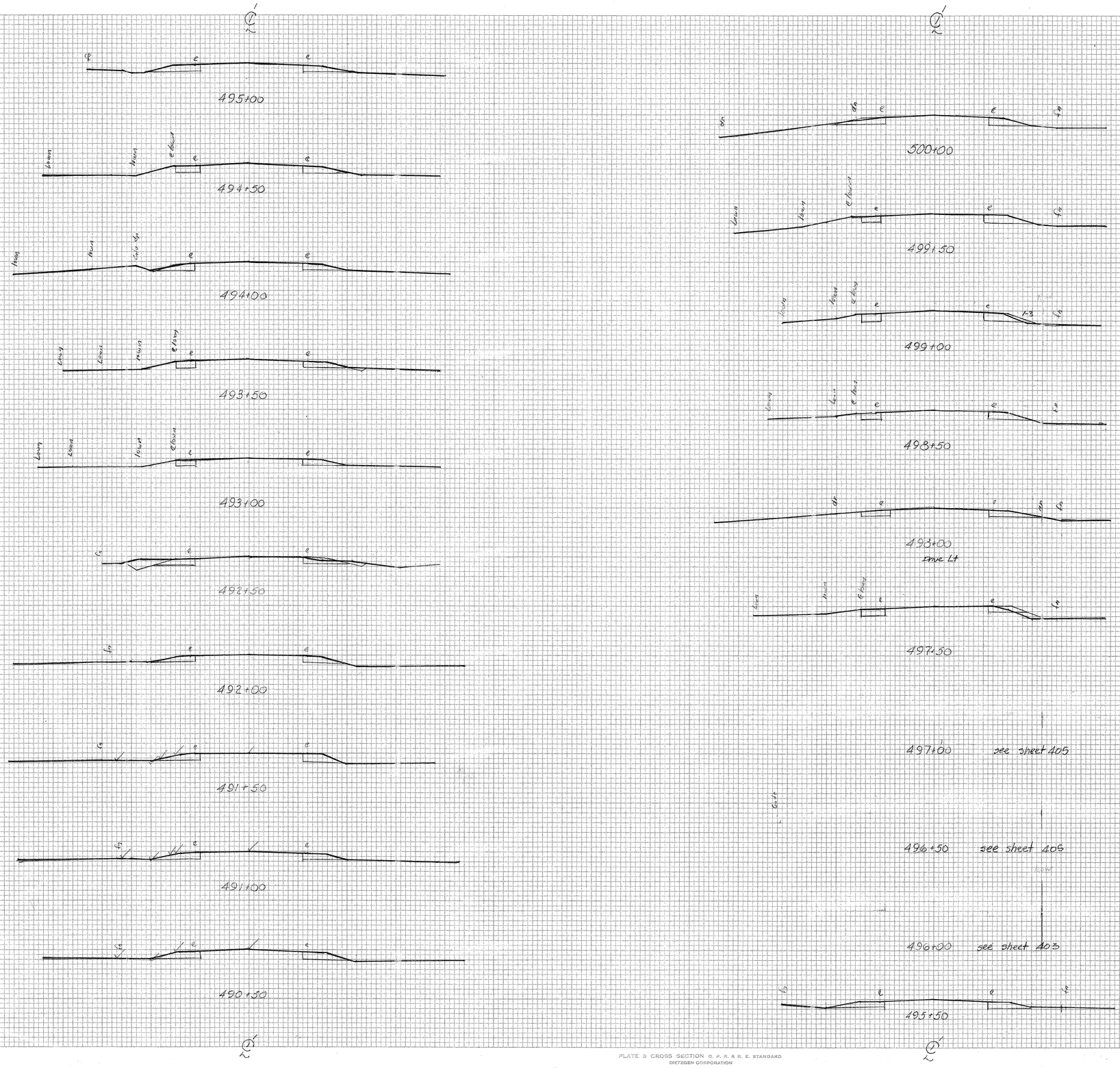
Plotted 12/90 R Russell

sheet 404-5 of 477

FINAL SURVEY
NOTE BOOK No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION



SHOREHAM-BRIDPORT-ADDISON
F017-1(2)

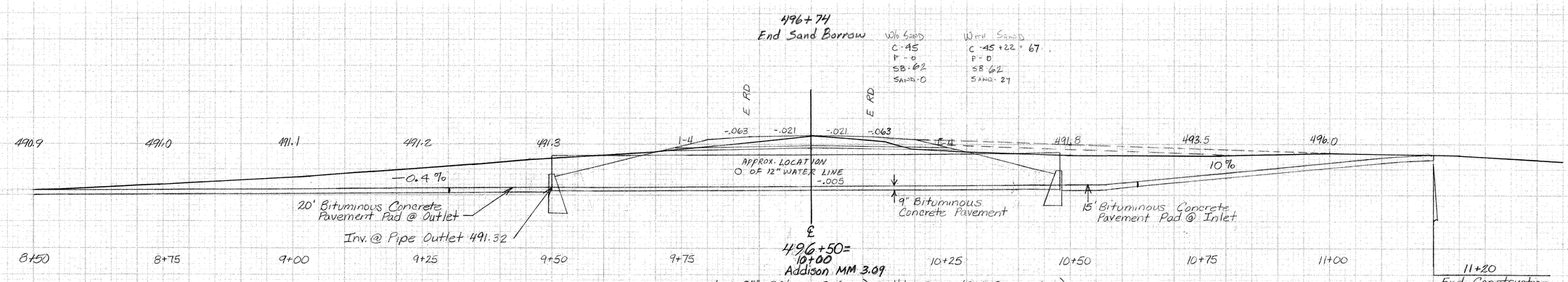
490+50 - 500+00

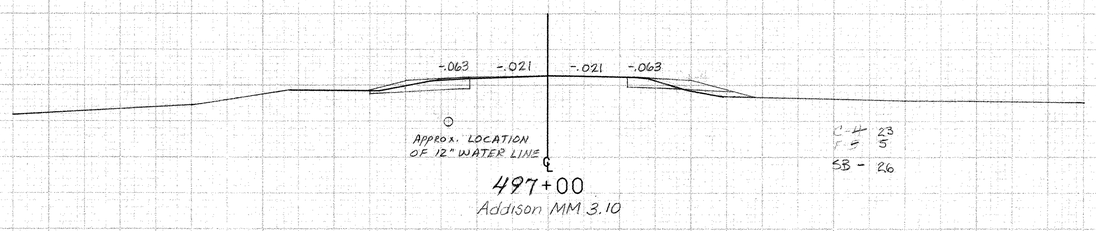
FINAL SURVEY NOTE BOOK No. ____ SURVEYED ____ PLOTTED ____ TEMPLATE ____ AREAS ____ AREAS CHECKED ____ BY ____ DATE ____

ORIGINAL SURVEY NOTE BOOK No. ____ SURVEYED ____ PLOTTED ____ TEMPLATE ____ AREAS ____ AREAS CHECKED ____ BY ____ DATE ____

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

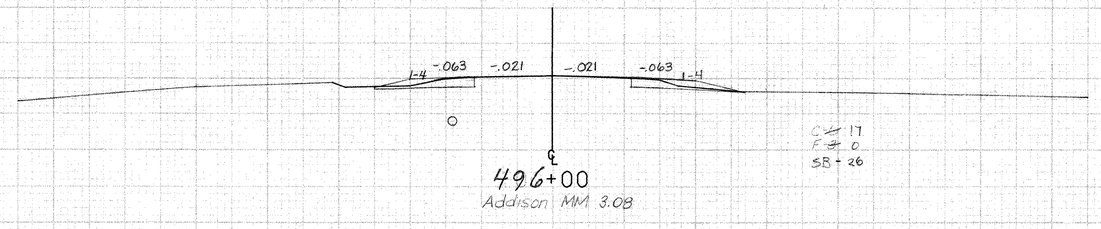
Sheet 404-T of 477





496+00 LT ~ 496+80 LT
REMOVAL OF EXISTING FENCE

496+20 RT ~ 497+00 RT
REMOVAL OF EXISTING FENCE

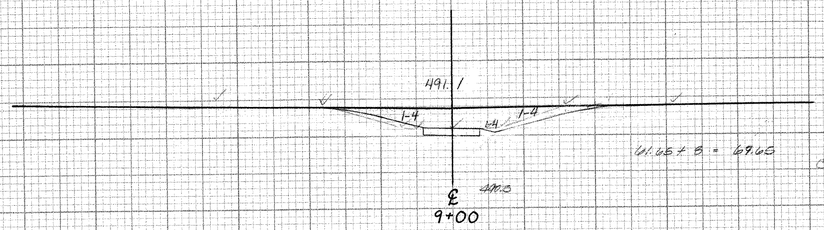


NEW CATTLE PASS

Addison MM 3.08 ~ 3.10

FROM STA. 496+00	TO STA. 497+00		
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	F017-1 (2)	PLOTTED 05/03/88	
SURVEYED BY	FANTONI	10/87	0081
SHEET 405 OF 420 SHEETS		SHEET 405 OF 477	

SCALE 10 FEET

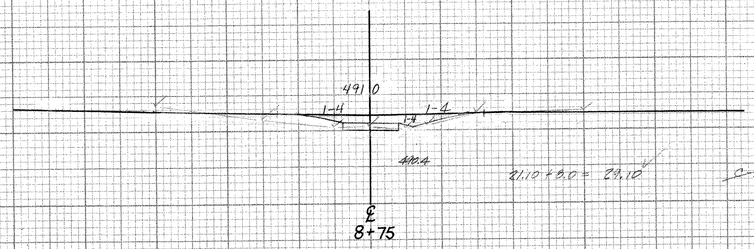


61.65 + 8 = 69.65

C=30

CHANNEL	
0	493.8
16	493.3
7	491.3
3	491.0
0	491.0
-4	491.0
-11	493.0
-16	493.3
0	493.8

490

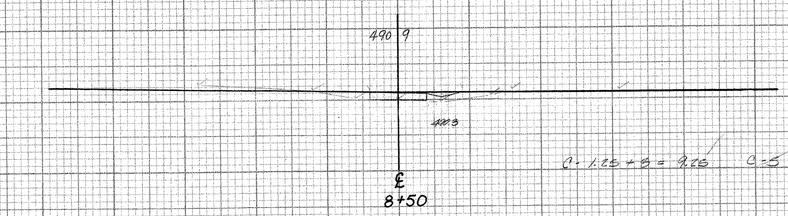


21.10 + 8.0 = 29.10

C=25

CHANNEL	
0	492.0
15	492.1
6	490.4
4	491.0
-4	491.0
-10	492.0
0	492.0

490

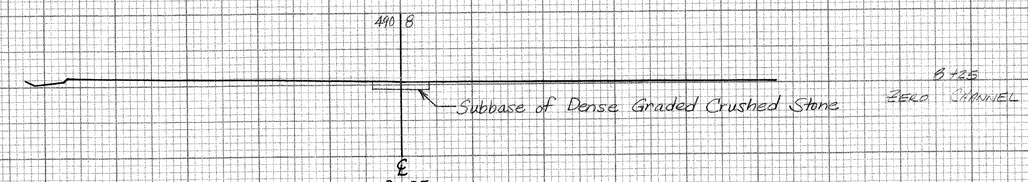


2. 1.25 + 8 = 9.25

C=5

CHANNEL	
4	491.0
0	490.5
9	490.0
4	491.0

490

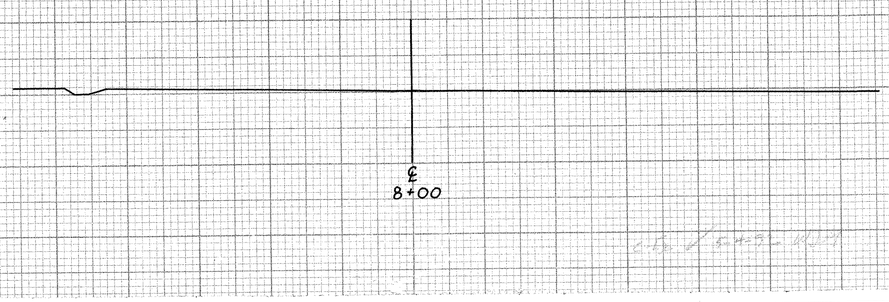


8+25

ZERO CHANNEL

490

BEGIN RAMP CONSTRUCTION AND UNCLASSIFIED CHANNEL EXCAVATION

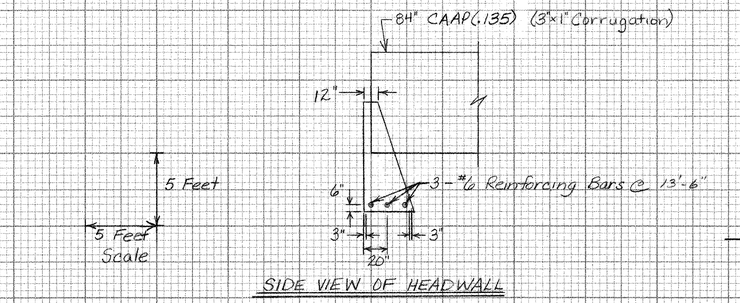


490

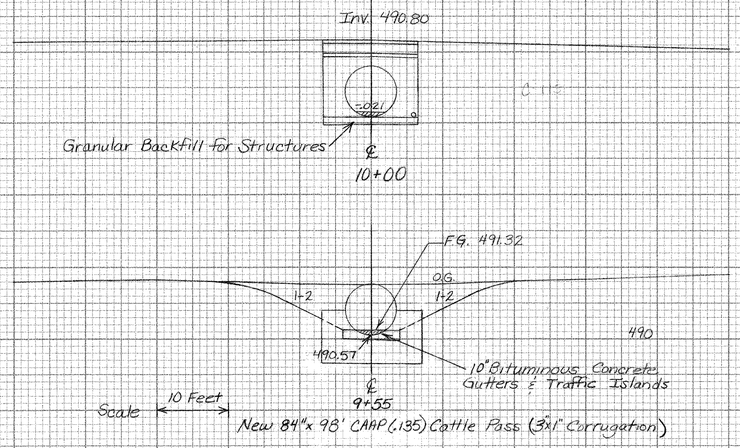
Channel Section of Cattle Pass @ Addison MM 3.09

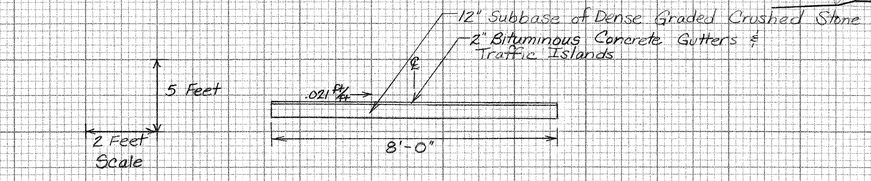
FROM STA 8+00 TO STA 9+00
PROJECT NAME SHOREHAM-BRIDPORT-ADDISON
NO. F017-1(2) PLOTTED 05/18/88
SURVEYED BY FANTONI 10/87 0081
SHEET 406 OF 420 SHEETS SHEET 406 OF 477

SCALE 10 FEET

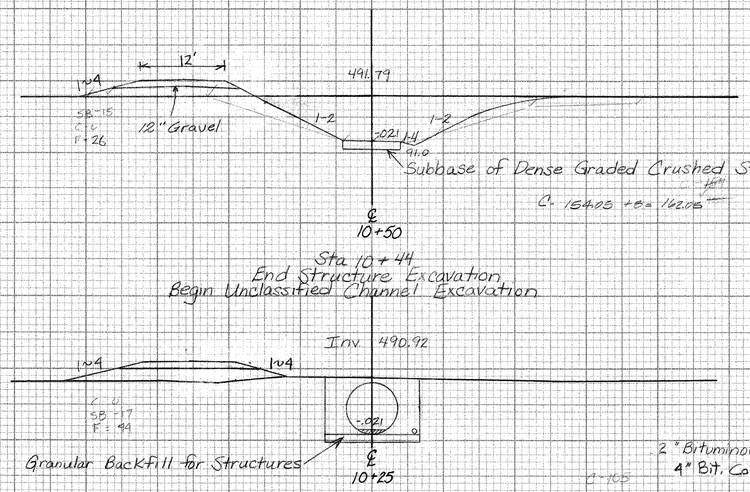


SIDE VIEW OF HEADWALL



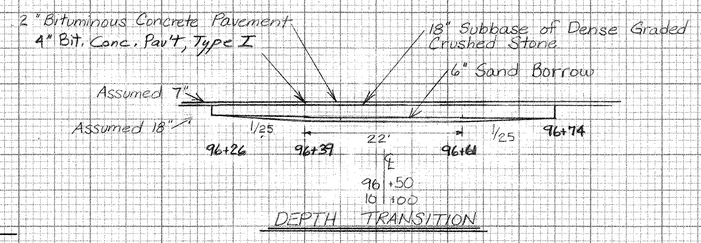


TYPICAL BIT. CONCRETE PAVE. PAD AT INLET AND OUTLET



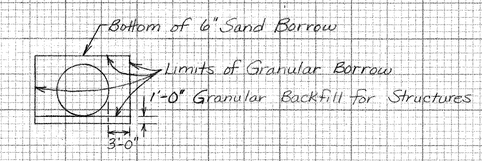
CHANNEL	
0	491.8
4	491.8
9	492.6
16.5	496.0
27.0	498.0
-16.0	498.0
-4.0	491.8
0	491.8

490



DEPTH TRANSITION

490



TYPICAL FOR GRANULAR BORROW AND GRANULAR BACKFILL FOR STRUCTURES

CHANNEL	
0	497.2
29	498.0
24	497.5
19	496.8
11	493.7
6	490.7
4	491.1
-4	491.3
-5	492.0
-16	497.0
-20	497.8
0	497.2

490

CHANNEL	
0	495.3
15	495.7
28	496.4
18	495.4
7	491.6
5	491.2
0	491.5
-4	491.5
-16	495.0
-20	495.7
0	495.3

490

Channel Section of Cattle Pass @ Addison MM 3.09

SCALE 10 FEET

FROM STA 9+25 TO STA 10+50
PROJECT NAME SHOREHAM - BRIDPORT - ADDISON
NO F017-1(2) PLOTTED 05/18/88
SURVEYED BY FANTONI 10/87 0081
SHEET 407 OF 420 SHEETS SHEET 407 OF 477

490

℄
11+75

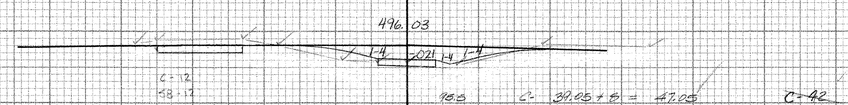
490

℄
11+50

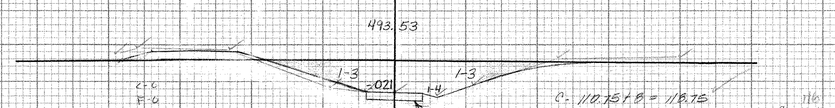
490

℄
11+25

11+20
End Construction
End Unclassified Channel Excavation



℄
11+00



℄
10+75

CHANNEL
0	496.0
4	496.0
6	495.6
18	497.0
17	497.1
-15	496.0
-7	497.0
-4	496.0
0	496.0

CHANNEL
0	493.5
4	493.5
6	493.2
11	494.0
22	497.1
-16	496.6
-9	493.6
0	493.5

SCALE 10 FEET

490

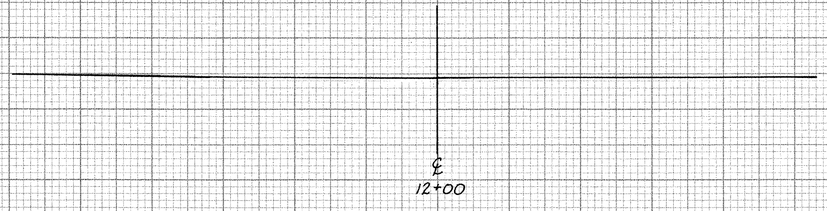
490

490

Channel Section of Cattle Pass @ Addison MM 3.09

FROM STA 10+75	TO STA 11+75
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON
NO.	FOIT-1(2)
SURVEYED BY	FANTONI
SHEET 408 OF 420 SHEETS	

PLOTTED 05/18/88
10/87 0081
SHEET 102 OF 477



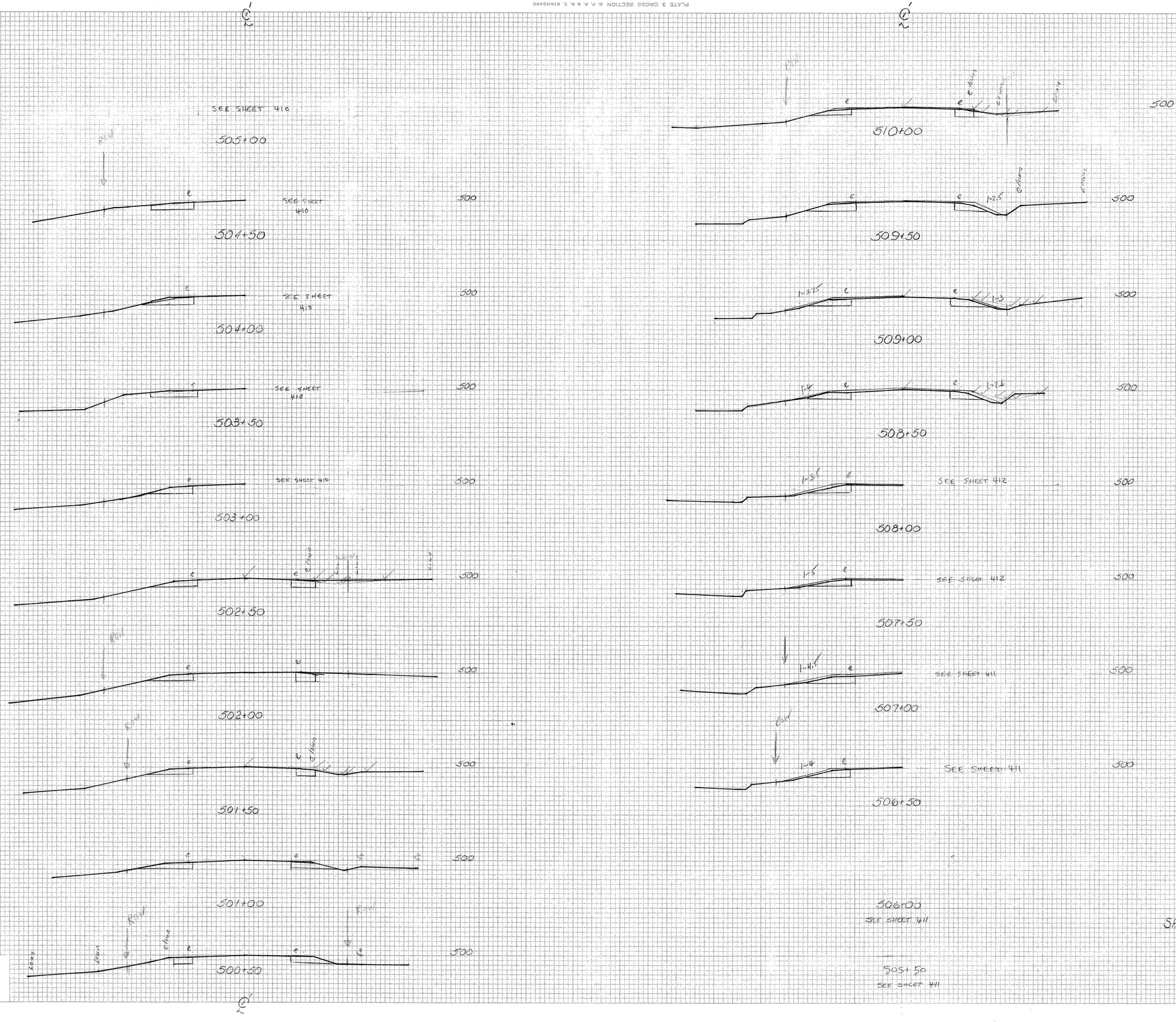
490

Channel Section of Cattle Pass @ Addison MM 3.09

SCALE 10 FEET

FROM STA	12+00	TO STA	12+00
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON		
NO.	FOIT-1(2)	PLOTTED	05/18/88
SURVEYED BY	FANTONI	10/87	0081
SHEET 469 OF 420 SHEETS		SHEET 409 OF 477	

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

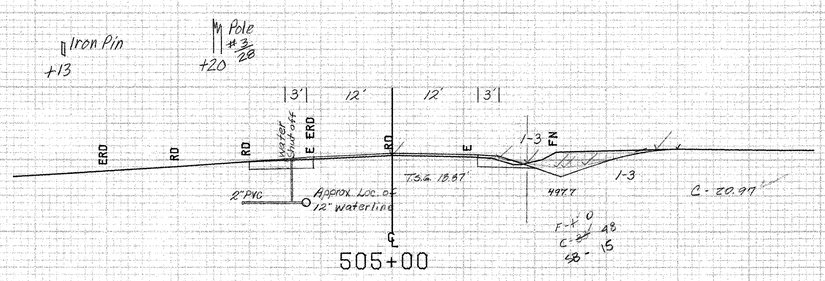


SHOREHAM - BRIDPORT ADDISON
F017-1(2)
500+50 ~ 510+00

Original Sections
Plotted R. Russell

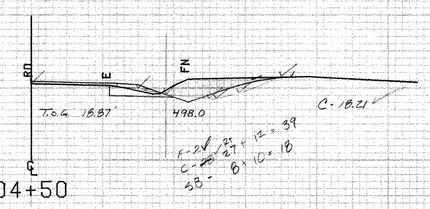
ORIGINAL SURVEY			
NOTE BOOK No.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

FINAL SURVEY			
NOTE BOOK No.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		



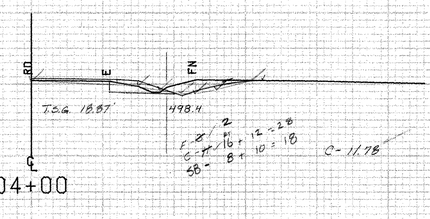
EARTH	
18.87	499.7
23.0	499.0
24.0	499.0
27.0	499.2
30.0	500.0
31.0	501.4
28.0	501.1
21.0	500.0
18.87	499.7

500



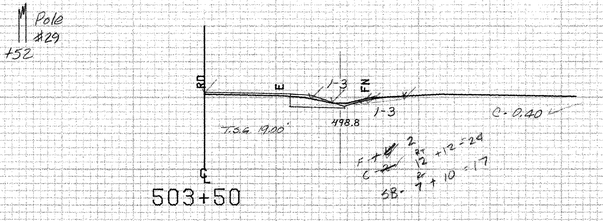
EARTH	
18.87	499.7
18.87	499.4
24.0	499.8
28.0	500.0
35.0	501.2
22.0	501.0
18.87	499.7

500



EARTH	
18.87	499.7
19.37	499.3
21.0	498.8
23.0	499.0
31.0	500.6
25.0	500.6
18.87	499.7

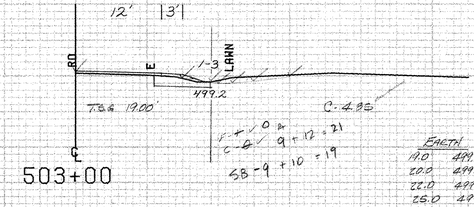
500



EARTH	
21.0	499.0
22.0	499.1
23.0	499.1
29.0	499.9
21.0	499.0

500

503+20 Rt
Begin Removing & Resetting Fence
Begin Temporary Barbed Wire Fence (4-Strand)
Begin Removal of Existing Fence (Non-Part.)



EARTH	
19.0	499.3
20.0	499.0
22.0	499.0
26.0	499.8
30.0	499.9
22.0	499.6
19.0	499.3

500

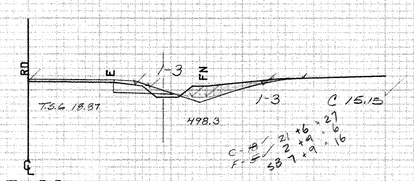
503+00 Rt
Begin Construct Special Ditch
(Pay Rs Common Excavation)

ADDISON MM 3.21 ~ MM 3.31

FROM STA.	503+00	TO STA.	505+00
PROJECT NAME	SHOREHAM-ADDISON		MAIN9
NO.	F017-1(2)		PLOTTED 01/09/85
SURVEYED BY	FANTONI		DEC 1984
SHEET 410 OF 420 SHEETS		SHEET 410 OF 477	

SCALE 10 FEET

507+30 Rt
End Removing & Resetting Fence
End Temporary Barbed Wire Fence (4-strand)
END REMOVAL OF EXISTING FENCE (NON-PART.)
507+12 Rt
End Construct Special Ditch
(Pay As Common Excavation)

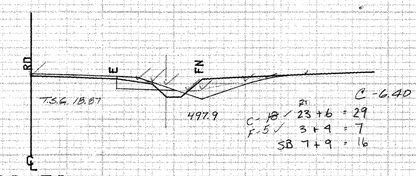


507+00

EARTH	
21.0	499.2
23.0	499.1
25.0	499.1
30.0	500.0
36.0	501.7
25.0	500.7
23.0	500.7
21.0	499.2

500

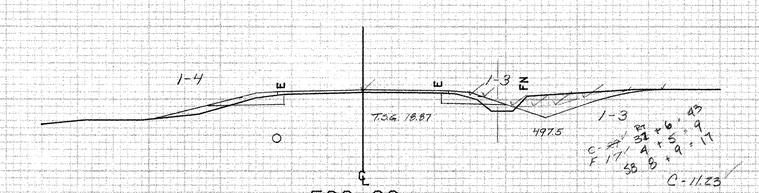
Pole #27
+85



506+50

EARTH	
22.0	499.2
24.0	499.2
30.0	500.2
24.0	500.8
22.0	499.2

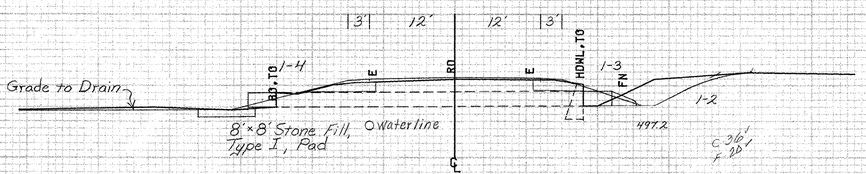
500



506+00

EARTH	
21.50	499.1
24.0	499.2
27.0	499.4
31.0	500.3
34.0	501.1
23.0	500.5
21.50	499.1

500

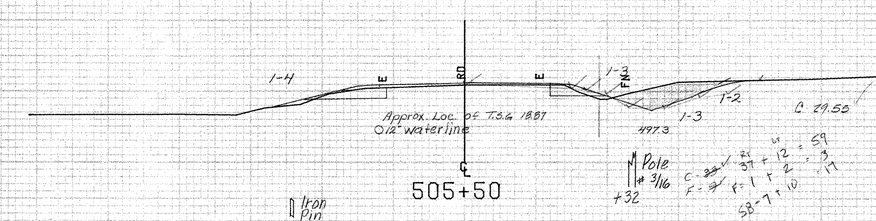


505+59

505+59 Rt
End Construct Special Ditch (Pay As Common Excavation)
Begin Construct Special Ditch (Pay As Common Excavation)

500

Existing 24" ACCGMP ~ Retain & Remove Headwall @ Inlet
Extend Inlet w/ New 24"×4' CSP (.064) & 24" CSPES (.064)
Extend Outlet w/ New 24"×4' CSP (.064) and Construct Outlet Ditch.



505+50

EARTH	
21.0	499.0
26.0	499.3
33.5	500.0
39.0	501.7
30.0	501.3
21.0	499.0

500

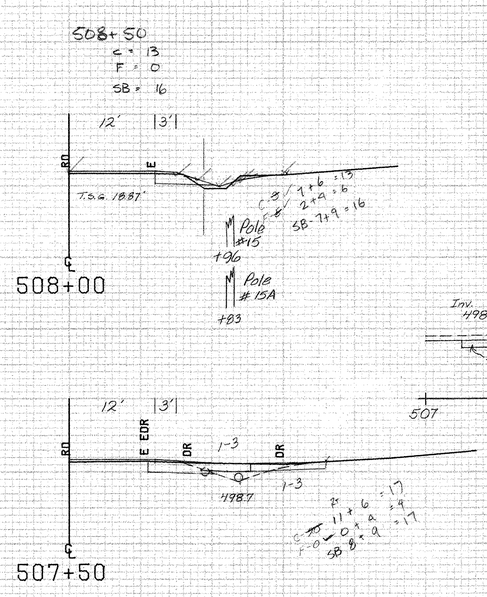
Pole #3/16
+32

Iron Pin
+25

ADDISON MM 3.21 ~ MM 3.31

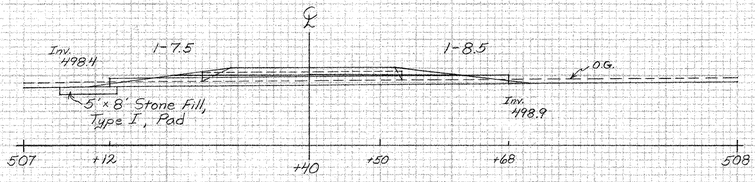
FROM STA. 505+50		TO STA. 507+00	
PROJECT NAME	SHOREHAM-ADDISON	MAIN9	
NO.	F017-1(2)	PLOTTED 01/09/85	
SURVEYED BY	FANTONI	DEC 1984	
SHEET 411 OF 420 SHEETS		SHEET 411 OF 477	

SCALE 10 FEET



500

507+68 ~ 508+00 Rt
Construct Special Ditch (Pay As Common Excavation)



500

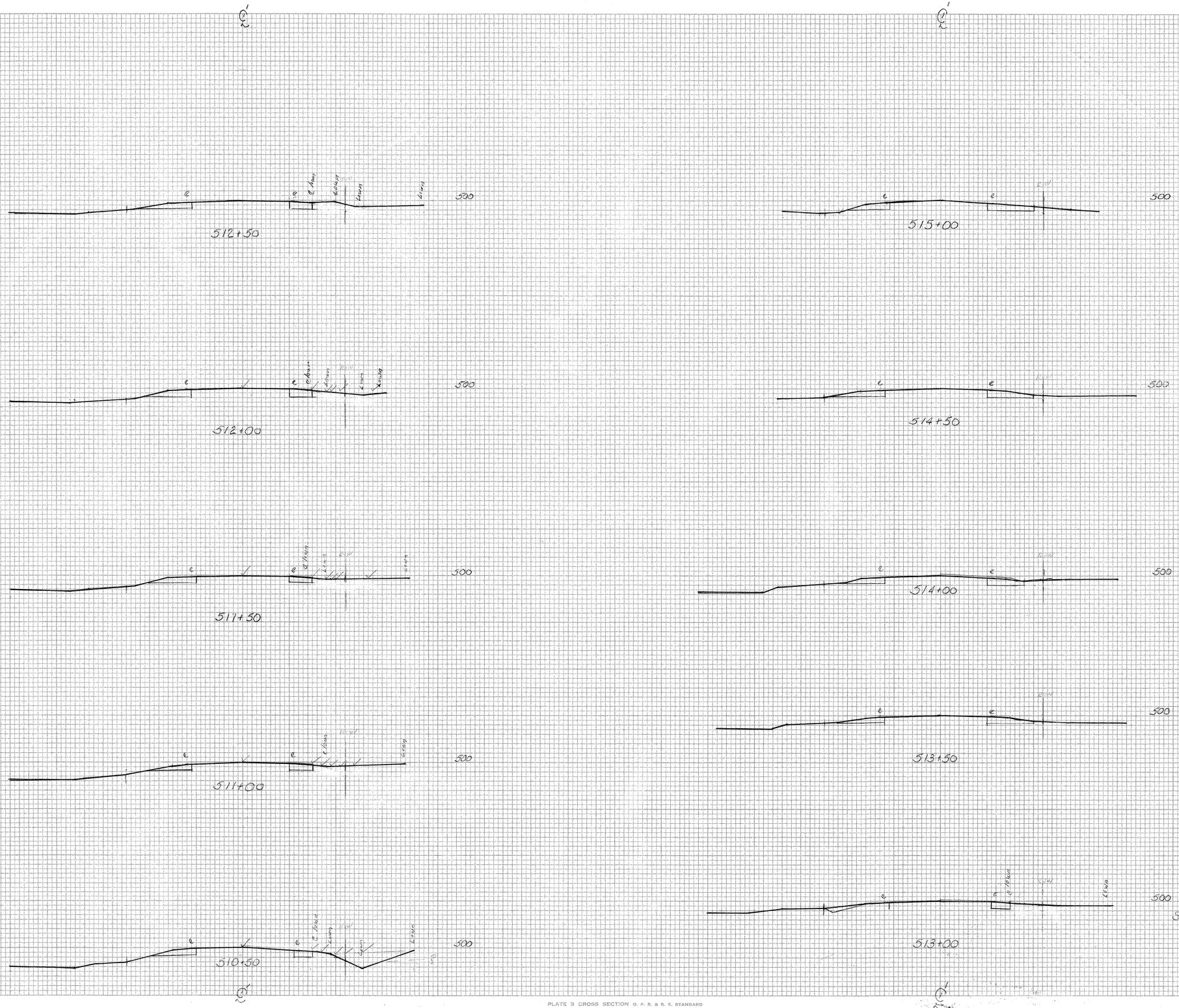
507+40 Rt.
Existing 15" ACCGMP Drive Culvert ~ Remove & Relay, And Extend 7' New 15"x 28' CSP (.064), w/ 5'x8' Stone Fill, Type I Pad @ Outlet.

Construct Drive (23'± - Gravel)

ADDISON MM 3.21 ~ MM 3.31

SCALE 10 FEET

FROM STA.	507+50	TO STA.	508+00
PROJECT NAME	SHOREHAM-ADDISON		MAIN9
NO.	F017-1(2)		PLOTTED 01/09/85
SURVEYED BY	FANTONI		DEC 1984
SHEET 412 OF 420 SHEETS			SHEET 412 OF 477



SHOREHAM-BRIDPORT ADDISON
F 017-1 (2)

Original Sections

Plotted 12-90 R Russell

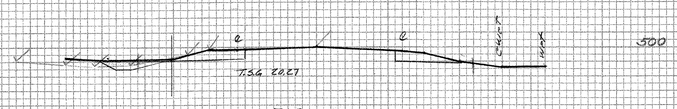
FINAL SURVEY NOTE BOOK No. SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED BY DATE

ORIGINAL SURVEY NOTE BOOK No. SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED BY DATE

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

510+50 ~ 515+00

SHEET 412 A OF 477



518+00

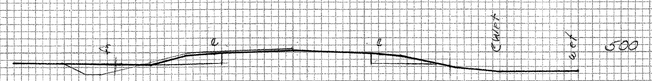
EARTH

22.0	498.2
26.0	497.5
29.0	497.5
30.5	498.2
22.0	498.2

C - 4.416'



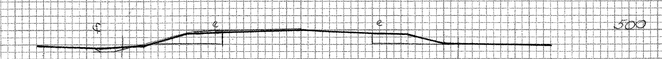
517+50



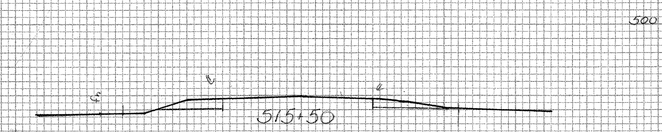
517+00



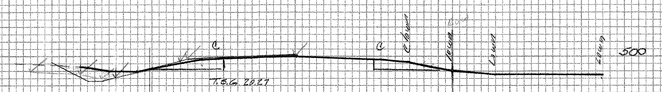
516+50



516+00



515+50

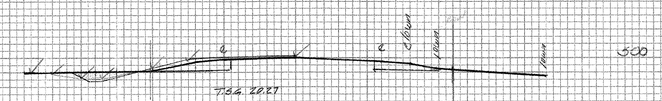


520+00

EARTH

22.0	498.0
25.0	497.0
27.0	497.0
30.0	497.6
33.5	498.8
30.0	498.6
26.0	498.0
22.0	498.0

C 8.45'

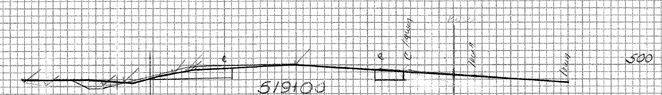


519+50

EARTH

22.0	498.0
27.0	497.1
30.0	497.1
31.0	498.0
22.0	498.0

C - 5.40'

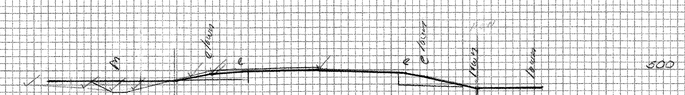


519+00

EARTH

24.0	497.9
27.0	497.2
30.0	497.0
31.3	498.0
29.0	498.0
24.0	497.9

C - 4.46'



518+50

EARTH

21.0	498.6
26.0	497.3
29.0	497.3
32.0	498.6
21.0	498.6

C - 9.10'

SHOREHAM - BRIDPORT - ADDIS ON
F 017-1 (2)

Original Sections

FINAL SURVEY NOTE BOOK No. — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED — BY — DATE

ORIGINAL SURVEY NOTE BOOK No. — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED — BY — DATE

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

515+50 ~ 520+00

SH 412 B OF 477

76

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
No.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
No.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

EARTH

23.0	497.0
25.0	496.0
27.0	496.0
30.0	496.3
34.0	496.6
28.0	497.0
23.0	497.0



522+00

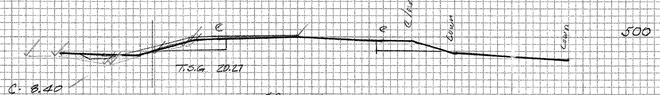
C - 6.55



524+00

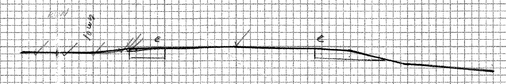
EARTH

22.0	497.3
26.0	496.2
27.0	496.2
34.0	497.8
22.0	497.3



C - 8.40

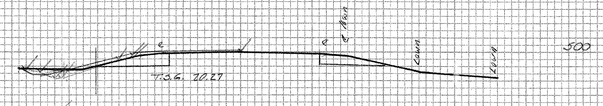
521+50



523+50

EARTH

20.27	498.0
25.0	496.3
26.0	496.3
28.0	497.2
30.0	497.5
22.0	497.5
20.27	498.0



C - 5.088

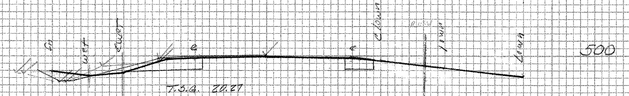
521+00



523+00

EARTH

26.0	497.5
28.0	496.4
29.0	496.4
34.0	497.6
35.0	497.8
30.0	498.0
26.0	497.5



C - 7.50

520+50

EARTH

23.0	497.7
25.0	496.7
27.0	496.7
30.0	497.3
33.0	497.7
25.0	497.3
23.0	497.7



C - 8.70

522+50

SHOREHAM-BRIDPORT-ADDIS ON

F 017-1 (2)

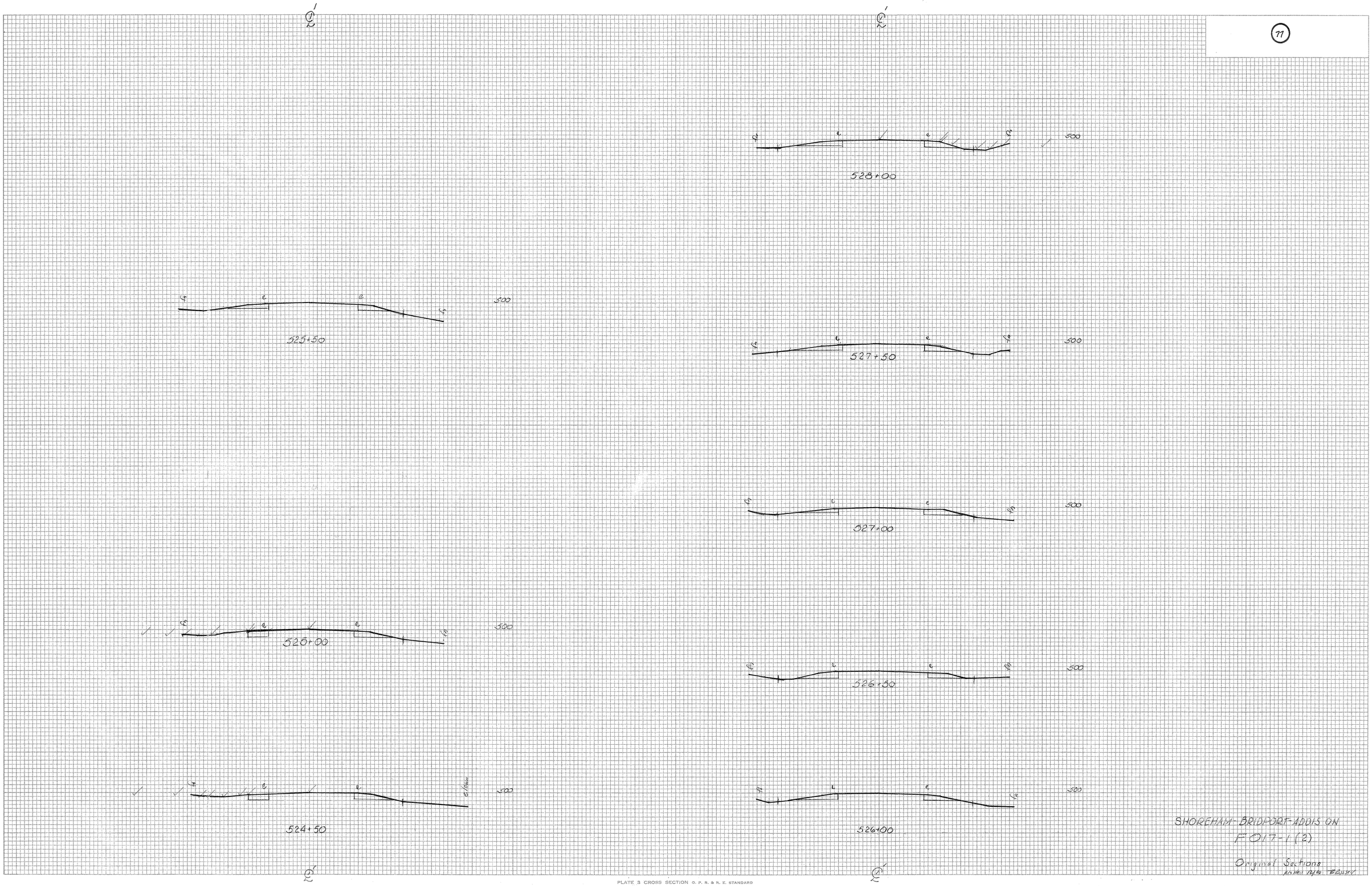
Original Sections

PLOTTED 12/90 R.RUSSELL

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

520+50 ~ 524+00

SHEET 412-C OF 477

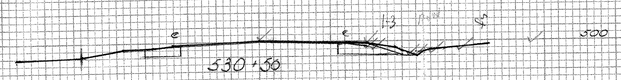


SHOREHAM-BRIDPORT-ADDISON
F017-1(2)

Original Sections
plotted 12/40 BRUSSEY

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

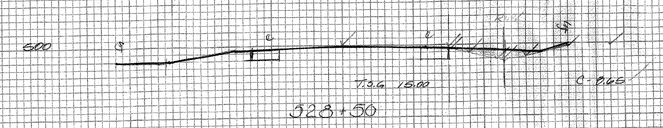
524+50 ~ 528+00





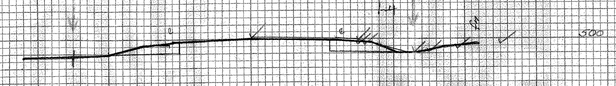






EARTH	
16.0	499.2
18.0	498.8
22.0	497.9
23.0	497.7
26.0	498.3
28.0	499.0
15.0	499.2





SHOREHAM ~ BRIDPORT ~ ADDIS ON
F017-1(2)

Original Sections
PLOTTED 12/80 R Russell

528+50 ~ 531+50

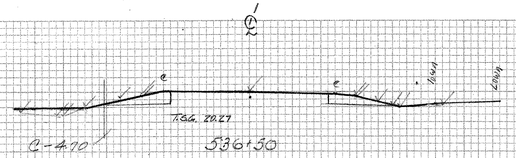
SHEET 412-E OF 477

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

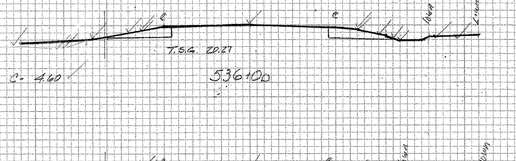
FINAL SURVEY
NOTE BOOK No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

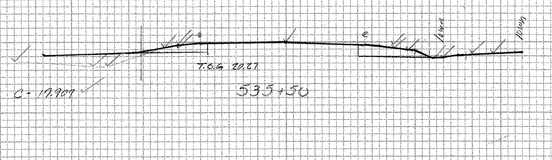
FINAL SURVEY / ORIGINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE



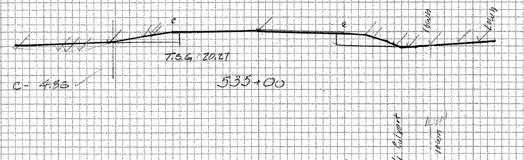
EARTH	
25.0	498.2
26.0	496.9
27.0	496.9
32.0	497.3
33.0	498.2



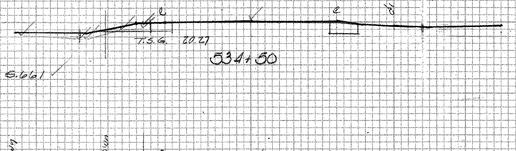
EARTH	
22.0	493.0
26.0	496.9
27.0	497.9
33.0	497.2
22.0	493.0



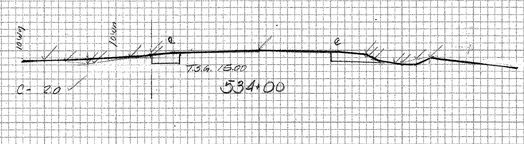
EARTH	
20.27	499.6
22.27	498.1
25.0	496.7
27.0	496.7
35.0	498.0
20.27	499.6



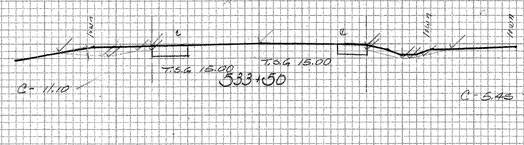
EARTH	
21.0	498.3
25.0	497.3
27.0	497.5
29.0	497.5
34.0	497.6
21.0	498.3



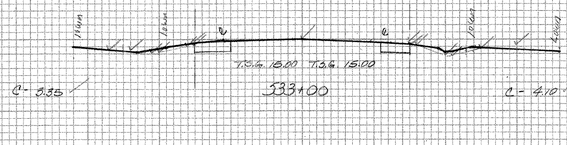
EARTH	
20.27	497.0
20.27	498.4
25.0	497.5
24.0	497.8
34.0	499.1
23.0	498.6
20.27	497.0



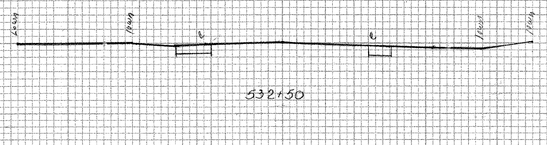
EARTH	
18.0	499.0
23.0	499.3
24.0	498.3
27.0	498.5
18.0	499.0

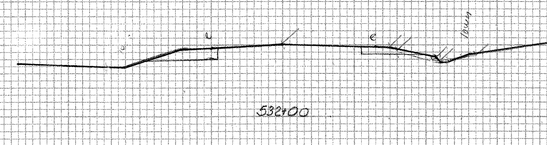


EARTH	
15.0	497.7
15.0	498.5
17.0	499.1
21.0	498.5
22.0	498.5
28.0	498.7
28.0	497.7
15.0	497.7



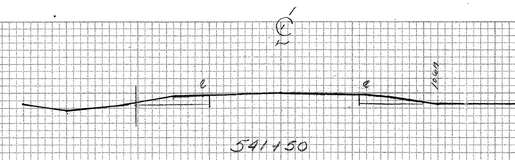
EARTH	
15.0	499.2
16.0	499.0
20.0	498.1
21.0	498.1
24.0	498.5
15.0	499.2

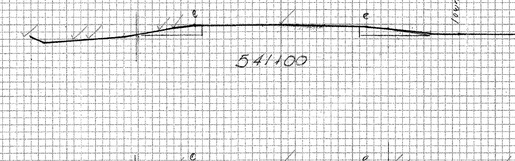




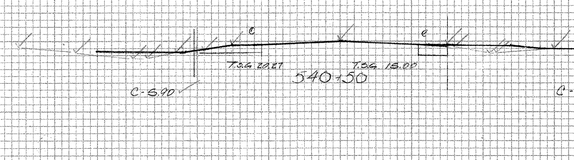
EARTH	
15.0	497.7
15.0	498.5
21.0	498.0
25.0	498.5
27.0	498.3
24.0	498.3
22.0	498.5
20.0	498.5
15.0	497.7

EARTH	
16.0	499.2
16.0	499.1
20.0	498.8
21.0	498.5
25.0	498.5
26.0	498.0
20.0	498.8
19.0	498.8
15.0	499.2



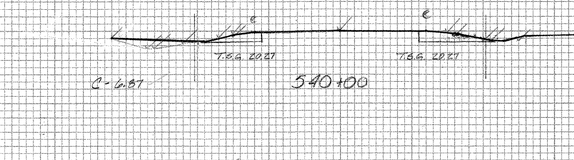


EARTH	
28.0	498.3
27.0	499.6
29.0	499.6
37.0	498.4
23.0	498.3

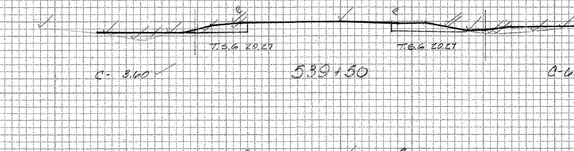


EARTH	
16.0	499.6
16.0	499.3
21.0	498.4
22.0	498.4
30.0	499.9
28.0	499.6
15.0	499.6

EARTH	
20.27	498.6
26.0	498.4
24.0	499.7
23.0	499.7
32.0	499.0
20.27	498.6

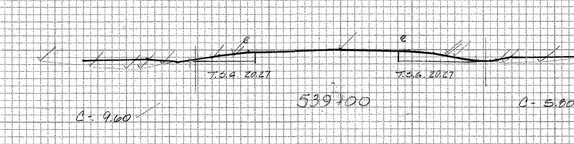


EARTH	
24.0	498.3
23.0	499.6
29.0	499.6
35.0	498.2
26.0	498.3

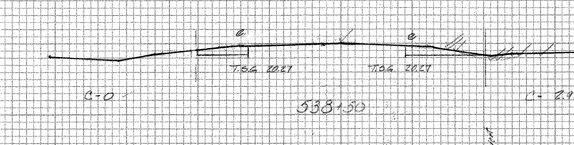


EARTH	
20.27	499.0
22.27	498.3
21.0	498.2
22.0	498.2
27.0	498.7
31.0	499.0
34.0	499.1
24.0	498.2
20.27	499.0

EARTH	
28.0	498.4
26.0	498.0
28.0	497.5
30.0	497.5
36.0	498.0
27.0	498.0
23.0	498.4

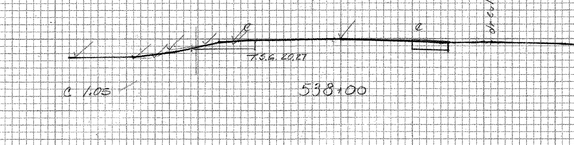


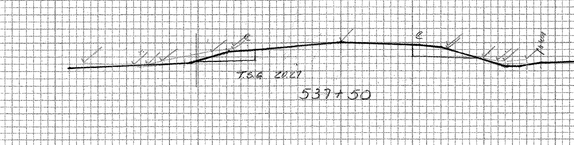
EARTH	
21.0	498.4
22.0	498.4
25.0	498.1
28.0	498.4
34.0	498.9
24.0	499.0
21.0	498.4



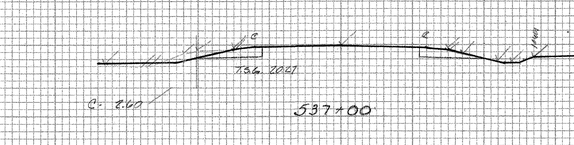
EARTH	
20.27	497.5
21.0	497.7
22.0	497.7
25.0	498.2
28.0	498.4
24.0	498.5
21.0	498.3
20.27	498.4
20.27	497.5

EARTH	
25.0	498.0
26.0	497.3
27.0	497.3
25.0	498.0





EARTH	
25.5	499.4
27.0	499.0
28.0	498.9
33.0	497.3
25.5	499.0

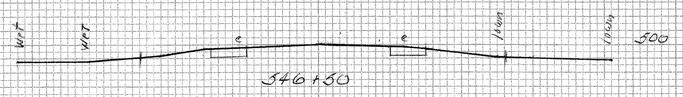


SHOREHAM-BRIDPORT-ADDISON
FO17-1(2)

Original Sections
Marked in Red

PLATE 3 CROSS SECTION ... P. R. & R. E. STANDARD
... RATION

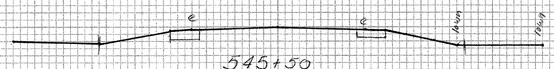
532+00 ~ 54[illegible]



546+50



546+00

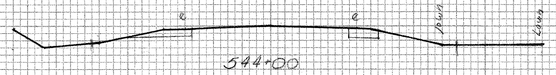


545+50

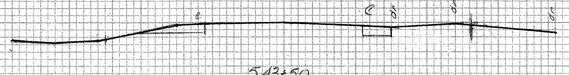


545+00

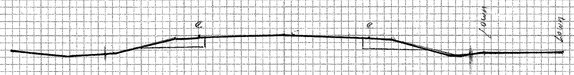
544+50



544+00



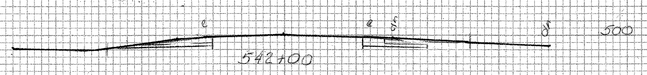
543+50



543+00



542+50



542+00



548+00



547+50



547+00

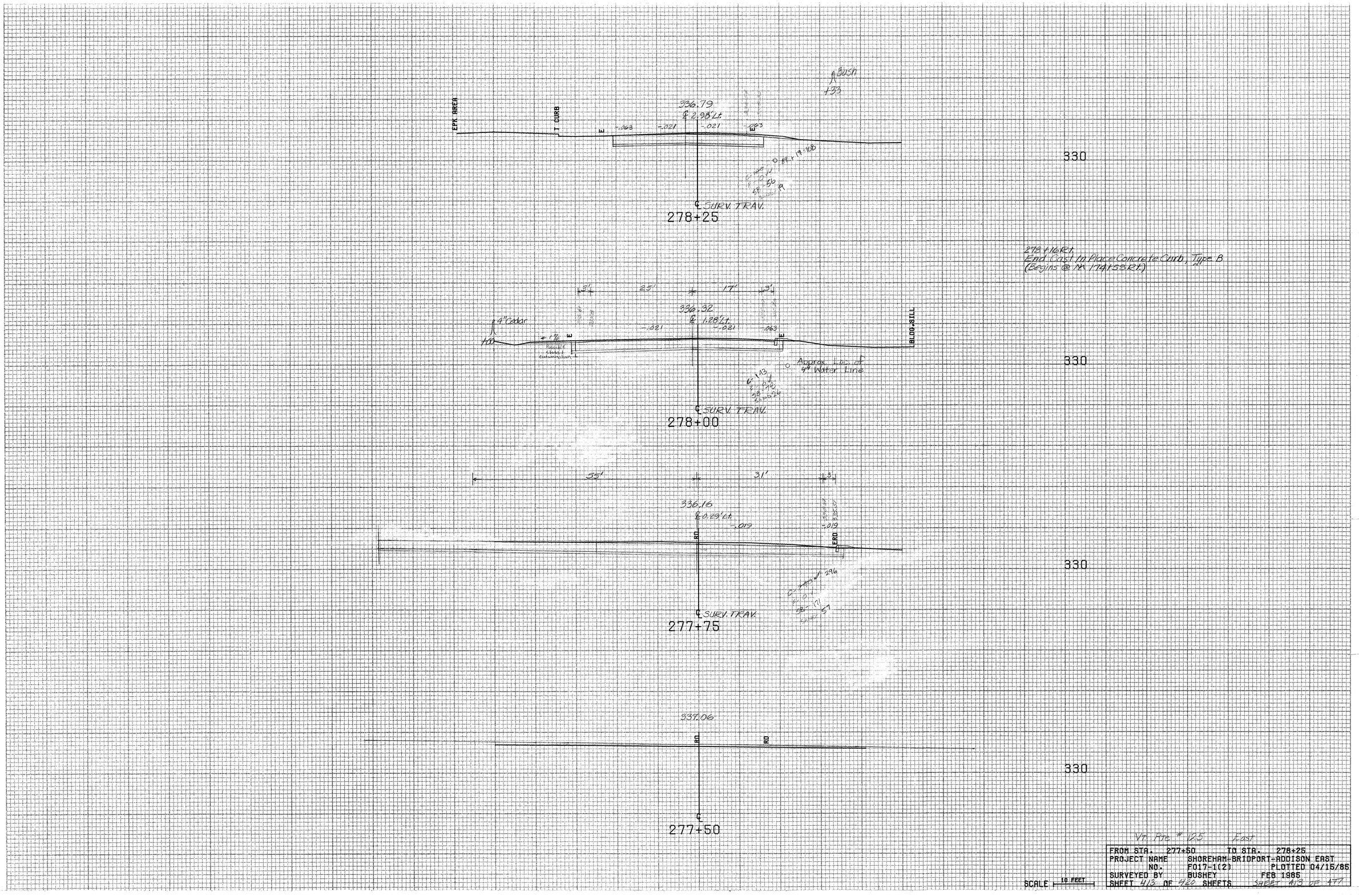
SHOREHAM-BRIDPORT-ADDISON
F-017-1(2)

Original Sections

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

542+00 ~ 548+00

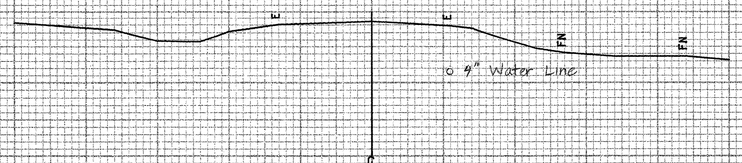
SHEET 412-B OF 477



Vt. Rte # 125 East

FROM STA. 277+50		TO STA. 278+25	
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON EAST		
NO.	F017-1(2)	PLOTTED 04/15/85	
SURVEYED BY	BUSHEY	FEB 1985	
SHEET 413 OF 420 SHEETS		SHEET 413 OF 477	

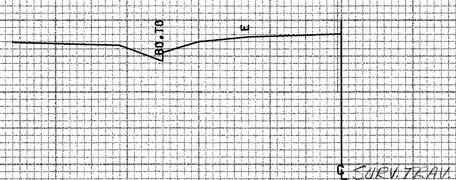
SCALE 10 FEET



279+50

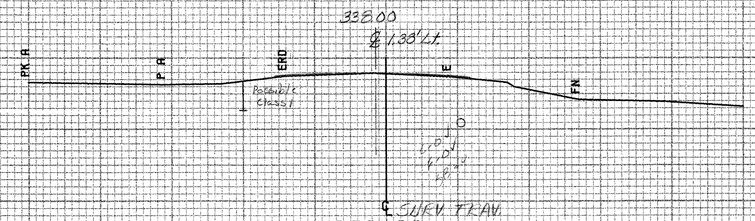
330

℄ 0.46' Lt.



279+21

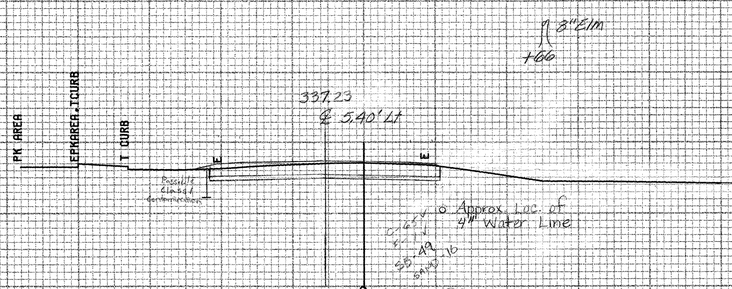
330



279+00

END APPROACH

330



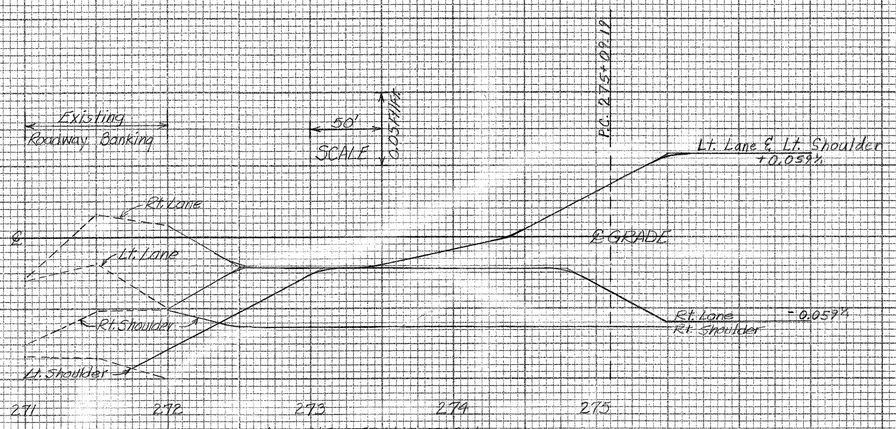
278+50

END FULL DEPTH SUBBASE
BEGIN APPROACH

Vt. Rte # 125 EAST

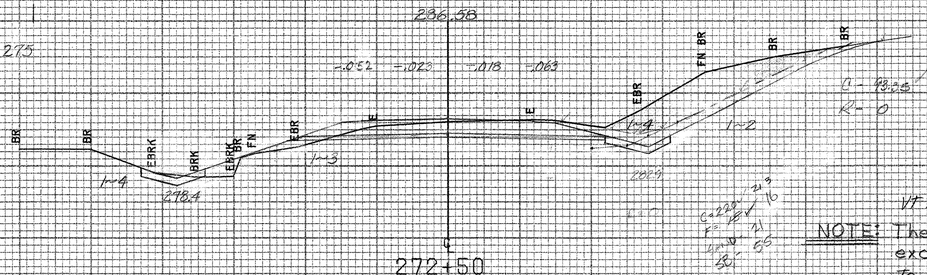
FROM STA.	278+50	TO STA.	279+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON EAST		
NO.	FO17-1(12)	PLOTTED	04/15/86
SURVEYED BY	BUSHEY	FEB 1986	
SHEET 414 OF 420 SHEETS		SHEET 414 OF 477	

SCALE 10 FEET



BANKING TRANSITION

272+50 ~ 273+04 Lt.
Construct Special Ditch w/ Stone Fill, Type I



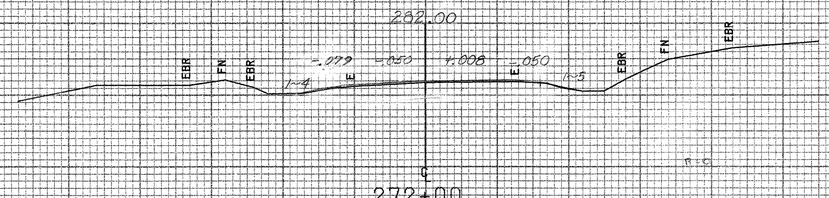
Earth
20.0	285.3
46.0	284.3
47.2	284.5
50	285.2
41.0	290.8
50.0	294.5
58.0	296.0
34.0	295.0
22.0	285.3

280

VT 12.5 (west) 272+00 ~ 273+00 Rt

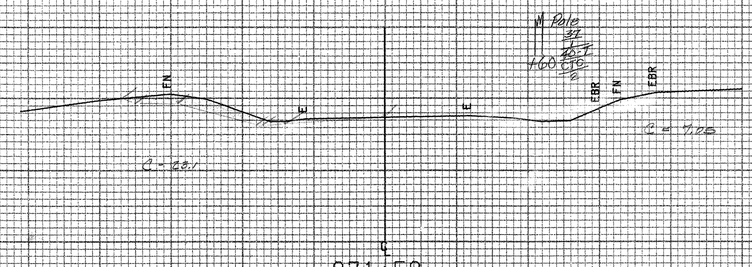
NOTE: The Contractor will contact Mr. Leo Connor, 2 weeks before excavating material from bank, to make arrangements for the stockpiling of this material on Mr. Connor's property. (5000± cy.)

272+25 ~ 273+29 Rt
Construct special Ditch w/ Stone Fill, Type I



280

Earth
14	296.1
17	296.5
18	296.5
22	296.4
32	296.2
37	295.0
30	293.6
25	293.8
16	296.9
12	296.7
	28.1



270

VT Rte #125 West

FROM STA.	271+50 TO STA. 272+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON WEST
NO.	F017-1(12) PLOTTED 04/11/85
SURVEYED BY	BUSHEY FEB 1985
SHEET	415 OF 420 SHEETS SHEET 415 OF 477

SCALE 10 FEET



270

271+0



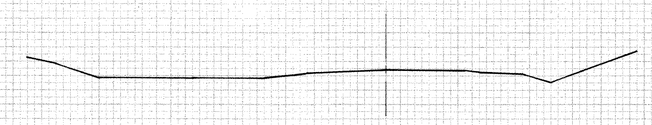
270

270+50



260

270+0



250

269+50

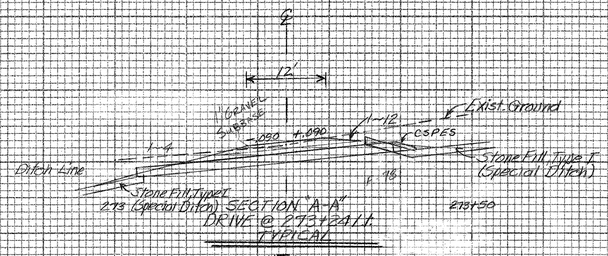
℄

℄

VT. RTE. 125 WEST

SHOREHAM-BRIDPORT-ADDISON
F017-1(2)
269+50 - 271+0

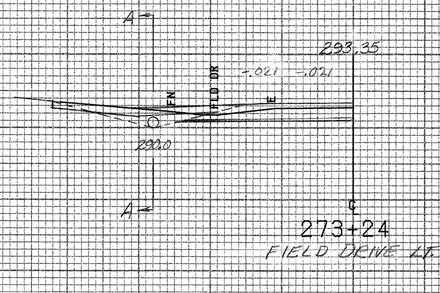
415-A OF 477



273 SECTION A-A"
DRIVE @ 273+24 Lt.
TYPICAL
NTS

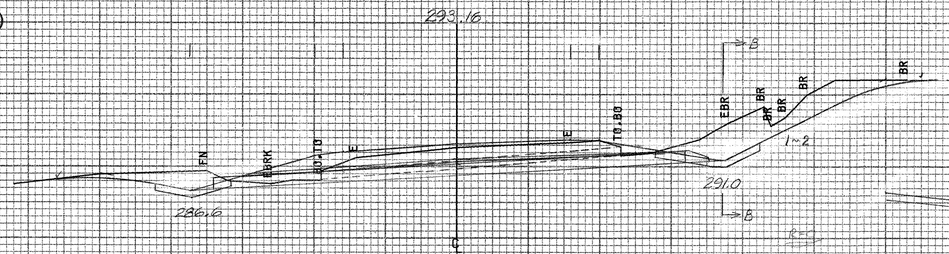
273+24 Lt.
New 24"x36' CSP (.064) or RCP (III)
OPTION W/FS @ INLET

273+24 Lt.
Construct Drive (12'-Gravel)

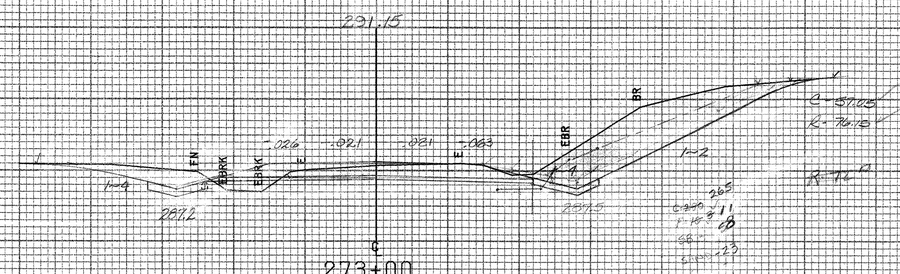


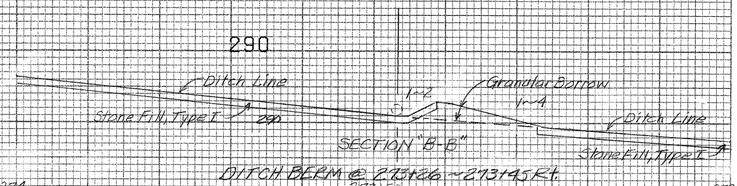
FIELD DRIVE Lt.

290



Exist. 21" x 15" ACCOMP. Askew 46°40' Rt. —
Remove — New 18" x 66'
PCCSP (.064) or CAAP (.060)
Option w/E.S. @ Inlet





DITCH BERM @ 273+26 - 273+45 Rt.
273+50 274 273

273+26 - 273+45 Rt.
Construct Berm
(See Section "B-B" Above)

Earth	
26.0	291.1
24.0	291.4
22.0	291.6
20.0	291.9
18.0	292.2
16.0	292.4
14.0	292.6
12.0	292.7

Rock	
26.0	291.4
24.0	291.8
22.0	292.2
20.0	292.5
18.0	292.9
16.0	293.2
14.0	293.6
12.0	293.9
10.0	294.2
8.0	294.4
6.0	294.6
4.0	294.8
2.0	294.9

290 C-57.05

R-72.15

Vt. Rte #125 West

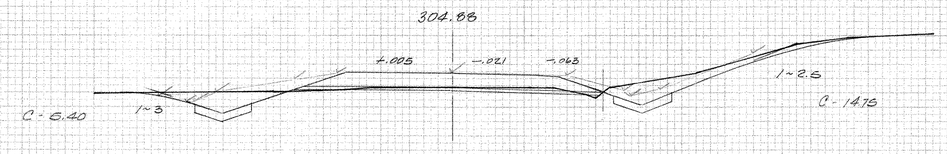
FROM STA.	273+00 TO STA. 273+24
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON WEST
PROJECT NO.	F017-1(2) PLOTTED 04/11/85
SURVEYED BY	BUSHEY FEB 1985
SHEET 416 OF 420 SHEETS	SHEET 416 OF 477

SCALE 10 FEET

Kenneth R. Ezzo Company — PLATE 3 CROSS SECTIONS/TOSS — Made in U.S.A.

EARTH	
38.0	302.0
36.0	302.3
37.0	302.3
41.0	302.0
35.0	302.0

5.40



274+50

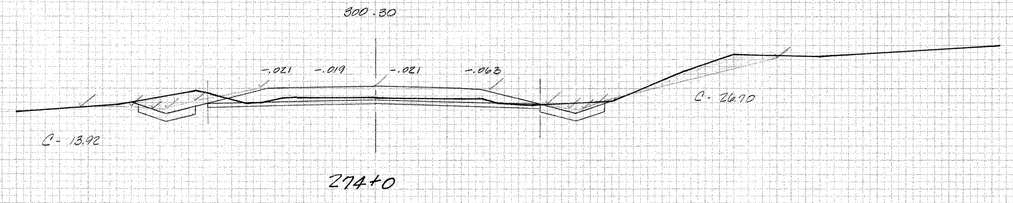
EARTH	
22.0	302.5
24.0	302.2
25.0	301.7
26.0	301.7
29.0	302.5
30.0	303.7
34.0	304.8
22.0	302.5

14.75

300

EARTH	
23.4	299.5
23.4	298.5
25.0	298.5
29.0	297.1
31.0	297.1
34.0	298.0
25.0	299.7
23.4	299.5

13.92



274+0

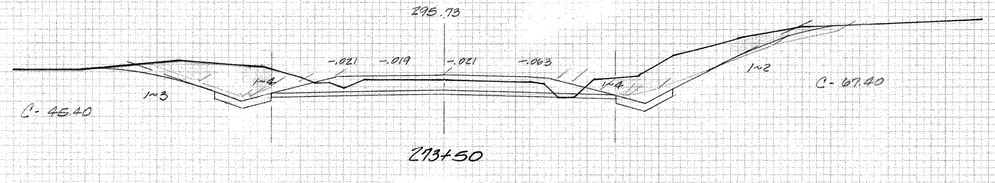
EARTH	
26.0	297.9
24.0	297.9
27.0	297.2
29.0	297.2
31.0	297.9
54.0	304.2
50.0	304.8
53.0	298.2
28.0	297.9

26.70

300

EARTH	
24.0	296.5
24.0	294.1
27.0	292.7
28.0	292.7
34.0	294.9
41.0	297.1
37.0	297.6
25.0	296.9
24.0	296.5

45.40



273+50

EARTH	
24.0	298.2
24.0	298.0
26.0	298.0
30.0	298.8
28.0	297.0
46.0	301.0
54.0	302.6
53.0	302.6
41.0	300.7
32.0	298.2
27.0	295.6
24.0	295.2

67.40

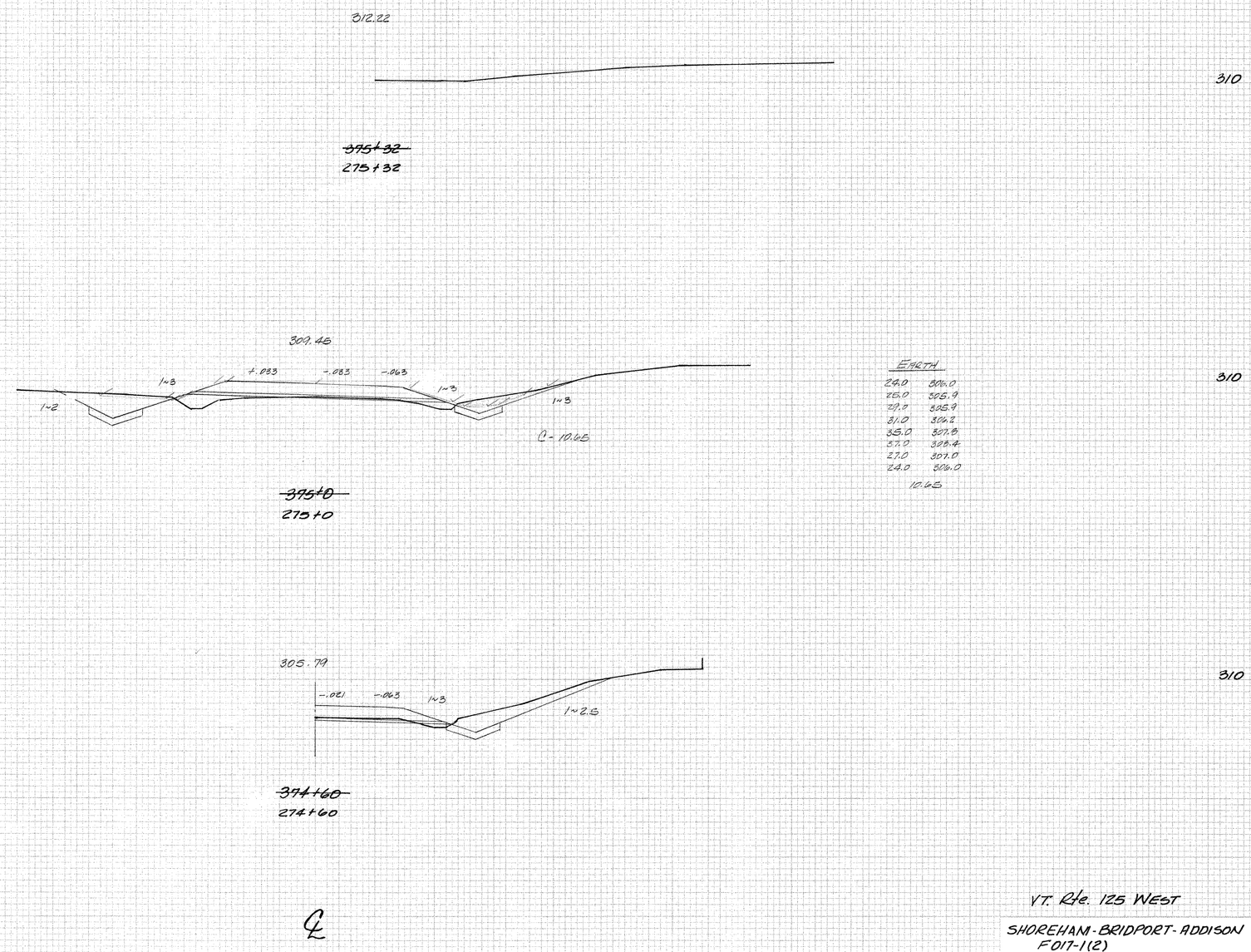
300

℄

VT Rte. 125 West

SHOREHAM - BRIDPORT - ADDISON
F017-1(12)
273+50 ~ 274+50

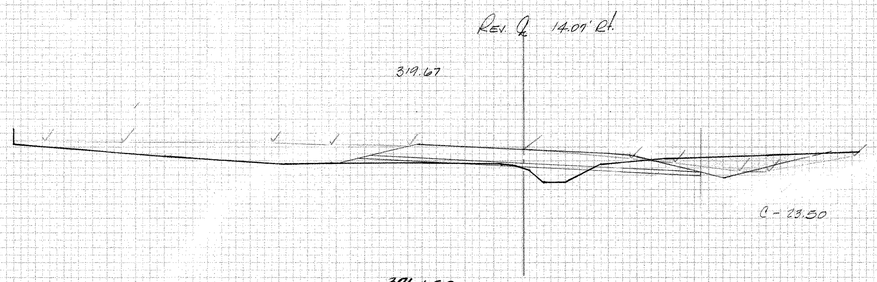
DESIGNED — DRAWN — TRACED — CHECKED — QUANTITIES CHECKED — DATE — NO. — REVISIONS — DATE — NO. — DESIGN DATA — ROAD BOOK — DATE



EARTH	
24.0	306.0
25.0	305.9
29.0	305.9
31.0	306.2
35.0	307.8
37.0	308.4
27.0	307.0
24.0	306.0
10.65	

VT. Rte. 125 WEST

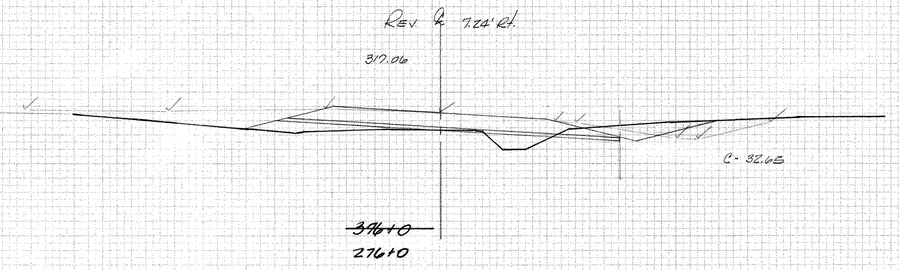
SHOREHAM-BRIDPORT-ADDISON
F017-1(2)
374+60 ~ 375+32



EARTH	
28.9	318.5
28.9	317.2
34.1	316.5
35.0	316.4
46.0	319.0
28.9	318.5

23.50

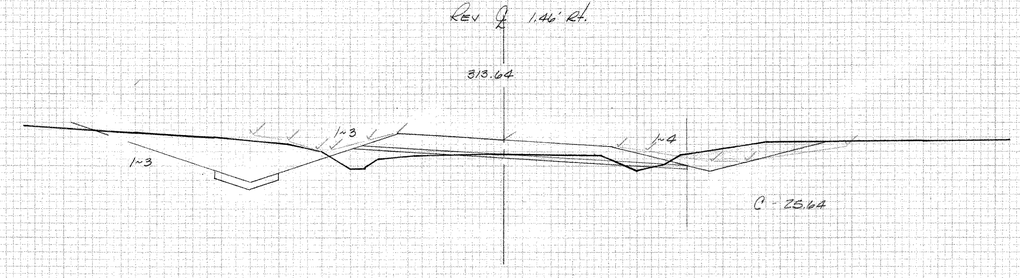
310



EARTH	
21.0	315.2
21.0	314.8
30.0	313.6
33.0	313.6
44.0	316.2
29.0	315.9
21.0	315.2

32.65

310



EARTH	
27.0	311.7
27.0	311.2
30.6	310.8
35.6	310.8
37.0	311.0
46.0	313.4
38.0	313.3
27.0	311.7

25.64

310

℄

VT Rte. 125 WEST

SHOREHAM - BRIDPORT - ADDISON
F017-1(2)
275+50 - 276+50

1½" Bituminous Concrete Pavement

4'

See Vt. 22A and Vt. 125 (West) Typical Sections on Sheet 4 of 420

12" Subbase of Gravel

Cast In Place Cement Concrete Curb, Type A See Std. Sht. C-1

5' 5'

Scale

SECTION "A-A"

Vt. 22A

200+00

199+50

Pvmt. Taper 10 1

Edge of Shoulder

Edge of Pavement

Cast In Place Cement Concrete Curb, Type B

+26.61

45° R.

277+00

4' 12'

Pvmt. 10 Taper

10' 10'

Scale

276+50

3' 12'

Edge of Shoulder

Edge of Pvmt.

℄ Vt. 125

VT. 22A ~ VT 125 (WEST) INTERSECTION PAVEMENT TAPER & CURB DETAIL

Rev. 276+95 Lt. Begin Cast In Place Cement Concrete Curb, Type A Ends @ ℄ 199+72 Lt.

320

277+50

Rev. ℄ 27.32' Rt. 322.18

C = 350

DB = 281

SAND = 91

PAVE PK

E

E

Vaw Lt. ℄ 10-11-93

316.0

277+25

Rev. 277+26.61

C = 135

F = 0

SB = 19

SAND = 47

℄ Vt. 125

Face of Curb

320

277+00

Cast in Place Cement Concrete Curb, Type A (See Std. Sht. C-1)

2' 4' 45° R.

6"

1' offset

Taper 10

Rev. ℄ 24.00' Rt. 321.54

PK LOT

PL

E

E

.022

320

No Trees

Possible Cluster 1

Possible Cluster 1

410

Class II ℄ 10-11-93

Iron Pin

100

277+00

Rev. 277+01.03

C = 46

F = 25

SB = 71

SAND = 19

Rev. PT 276+80.86

D = 10° RT

Bank 0.059 FT/FT

276+50

Edge of Pavement

Edge of Shoulder

10' 10'

SCALE

12'

3'

TYPICAL VT-22A ~ VT 125 (WEST) INTERSECTION PAVEMENT TAPER & CURB DETAIL

Rev. ℄ 18.64' Rt. 320.70

BLDG

PK LOT

PK LOT

E

E

+.036

-.036

1~8

Possible Cluster 2 Communication

Possible Cluster 1

Approx. Loc. of Tel. Cable

C = 75 13

F = 12 18

SB = 54

SAND = 20

310

Rev. 276+78 Rt. End Cast In Place Cement Concrete Curb, Type A (Begins @ 198+36 Lt.)

℄ Vt. 125

4'x4' R C D T @ Rev. 276+69

Inv. 313.0 Outlet

Inv. 313.5 Inlet

Rev. 276+75.46

276+75

Vt. Rte # 125 West

FROM STA.	276+75	TO STA.	277+50
PROJECT NAME	SHOREHAM-BRIDPORT-ADDISON WEST		
NO.	F017-1(2)	PLOTTED	04/11/85
SURVEYED BY	BUSHEY		FEB 1985
SHEET 420 OF	420 SHEETS	SHEET 420 OF 477	

SCALE 10 FEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

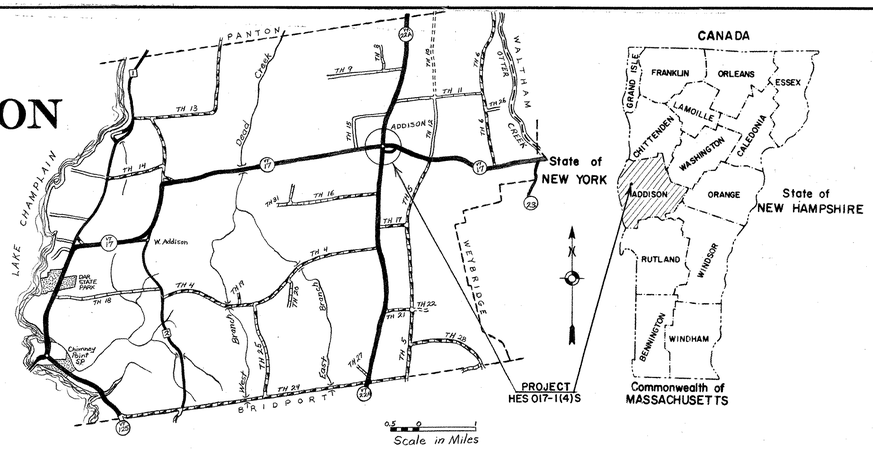
INDEX OF SHEETS

1	TITLE SHEET
2	TYPICAL SHEET
3-5	QUANTITY SHEETS
6	ITEM DETAIL AND DRAINAGE SHEET
7	GRADE AND EARTHWORK SHEET
8	BLANK
9-12	R.O.W. DETAIL SHEETS
13-15	PLAN AND PROFILE SHEETS
16	COLD PLANING DETAIL SHEET
17	SIGHT LINE INFORMATION
18	MAILBOX DETAIL
19-20	BLANK
21	EXISTING SIGN SHEET
22-23	NEW SIGN SHEETS
24-30	TRAFFIC SIGN SUMMARY SHEETS
31-35	TRAFFIC DETAILS AND MARKING NOTES
36	BLANK
37-41	CROSS SECTIONS-VT22A
42-43	CROSS SECTIONS-VT17 EAST
44-47	CROSS SECTIONS-VT17 WEST

STANDARDS

B-5	TYPICAL SLOPE ROUNDING	12-06-71
C-1	CAST IN PLACE CONCRETE CURB, TYPE A	10-25-85 R
D-2	UNDERDRAIN & CARRIER PIPE CONSTRUCTION DETAIL	10-30-85 R
D-3	PLACING OF EROSION MATTING	04-02-86
D-4	CSP END SECTION	10-30-85 R
D-6	REINF. CONCRETE DROP INLET W/GRATE (DITCHES)	04-04-73
D-8	REINFORCED CONCRETE DROP INLET	12-06-71
D-9	REINFORCED CONCRETE DROP INLET TOPS	12-06-71
D-10	REINFORCED CONCRETE DROP INLET TOPS	12-06-71
D-13	REINFORCED CONCRETE CATCH BASIN W/GRATE	08-10-81 R
D-15	CAST IRON GRATE W/FRAME, TYPE D	10-30-85 R
D-16	CAST IRON GRATE W/FRAME, TYPE B & RCPES	10-30-85 R
D-20	HIGHWAY CROSSING SLEEVES FOR UNDERGROUND UTIL.	10-30-85 R
E-100	CONSTRUCTION APPROACH SIGNS	05-26-89 R
E-101	CONSTRUCTION SIGN DETAILS	10-30-87
E-102	CONSTRUCTION SIGN DETAILS	01-23-89 R
E-106	TRAFFIC CONTROL - MISCELLANEOUS DETAILS	01-23-89 R
E-107	DELINEATION, BARRICADES AND DETOURS FOR CONSTRUCTION AREAS	04-29-88 R
E-107A	BREAKAWAY BARRICADE DETAILS	09-10-87
E-109	TRAFFIC CONTROL DEVICES FOR TEMPORARY TERMINATION OF FREEWAY FACILITIES	04-29-88 R
E-110	MAJOR MAINTENANCE OPERATION LANE CLOSURE	03-01-88 R
E-121	STANDARD SIGN PLACEMENT - CONVENTIONAL ROAD	01-23-89
E-123	GUIDE SIGN PLACEMENT - MISCELLANEOUS DETAILS	01-23-89 R
E-130	TYPE "B" GUIDE SIGN, ATTACHMENT DETAILS	03-01-88 R
E-135	INTERSTATE ROUTE MARKER - SIGN DETAIL	01-23-89 R
E-136	U.S. AND STATE ROUTE MARKER SIGN DETAILS	04-29-88 R
E-140	REGULATORY SIGN DETAILS	04-25-88 R
E-141	REGULATORY SIGN DETAILS	10-30-87
E-142	REGULATORY SIGN DETAILS	10-30-87
E-143	REGULATORY SIGN DETAILS	10-30-87
E-150	WARNING SIGN DETAILS	10-30-87
E-160	FLANGED CHANNEL STEEL SIGN POST DETAIL	03-01-88 R
E-162	TUBULAR ALUMINUM SIGN POST	03-01-88 R
E-163	TUBULAR STEEL SIGN POST	09-10-87
E-170	TRAFFIC CONTROL SIGNALS	06-21-89
E-171A	TRAFFIC CONTROL SIGNALS	06-21-89
E-171B	TRAFFIC CONTROL SIGNALS	06-21-89
E-173	PULL BOXES AND JUNCTION BOXES	05-26-89 R
E-180	STREET LIGHTING DETAILS	03-01-88 R
E-191	PAVEMENT MARKING DETAILS	01-23-89 R
G-4	WOOD MARKER POST	10-31-85 R
J-1	BOUNDARY MARKERS	06-27-80
T-1	TEMPORARY EROSION CONTROL DETAILS	12-07-76 R
T-2	TEMPORARY EROSION CONTROL DETAILS	07-05-72

PROPOSED IMPROVEMENT
TOWN OF ADDISON
COUNTY OF ADDISON
VT RTE 22-A (F.A.P.)



BEGINNING AT A POINT ON VT. RTE. 22A IN THE TOWN OF ADDISON 4.123 MI. NORTHERLY OF THE BRIDPORT-ADDISON TOWN LINE, AND EXTENDING 0.095 MI. NORTHERLY TO M.M. 4.218

LENGTH OF ROADWAY = 500.00 FT. = 0.095 MI.

LENGTH OF PROJECT = 500.00 FT. = 0.095 MI.

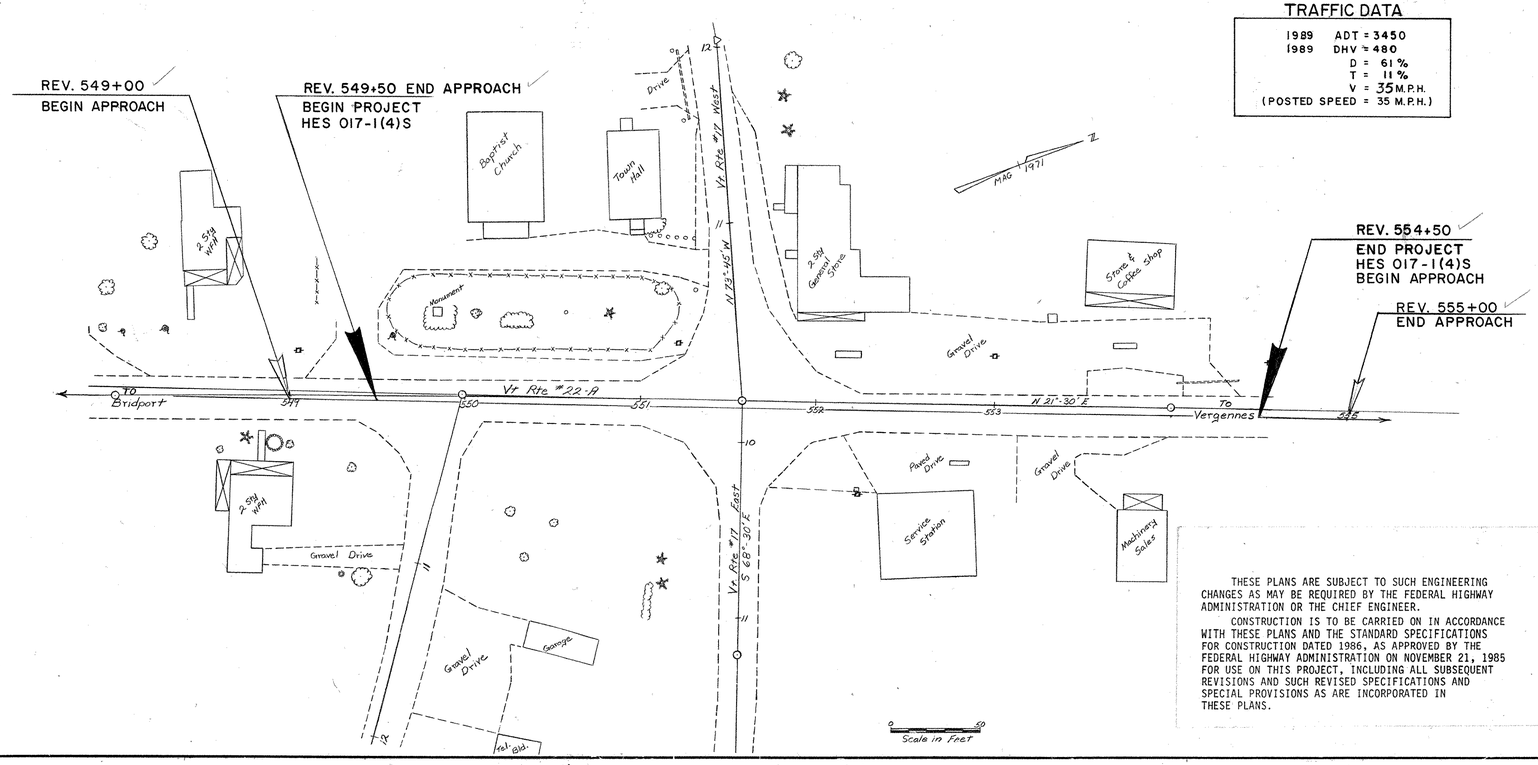
PROJECT DESCRIPTION

WORK TO BE PERFORMED UNDER THIS PROJECT CONSISTS OF COLD PLANING, LEVELING , RESURFACING WITH BITUMINOUS CONCRETE OVERLAY, PAVEMENT WIDENING TO INCLUDE PAVED SHOULDERS & CLOSED DRAINAGE.

INSTALLATION OF SAFETY ENHANCEMENT FEATURES INCLUDING NEW SIGNS, FLASHING LIGHTS, ADVISORY SPEED SIGNS, CURBING,

TRAFFIC DATA

1989 ADT = 3450
1989 DHV = 480
D = 61 %
T = 11 %
V = 35 M.P.H.
(POSTED SPEED = 35 M.P.H.)



CONVENTIONAL SIGNS

COUNTY LINE
TOWN LINE
LIMITS OF ACCESS
POINT OF ACCESS
FENCE LINE
STONE WALL
TRAVELED WAY
GUARD RAIL
RAILROAD
SURVEY LINE
CULVERT
POWER POLE
TELEPHONE POLE
TREES
CONTROL OF ACCESS
PROPERTY LINE
R.O.W. TAKING LINE
SLOPE RIGHTS
TOP OF CUT
TOE OF SLOPE

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE CHIEF ENGINEER.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1986, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON NOVEMBER 21, 1985 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

PROJECT PROCESSED UNDER SECONDARY ROAD PLAN

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD

APPROVED David B Kelley DATE 6/15/89
CHIEF ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED _____ DATE _____
DIVISION ADMINISTRATOR

ADDISON
PROJECT HES № 017-1(4)S
SHEET 431 OF 477
SHEET 1 OF 47 SHEETS

BRUNING 44-131 40592-1

D-10 S.R.S. 12/17/70

TYPICAL SECTIONS

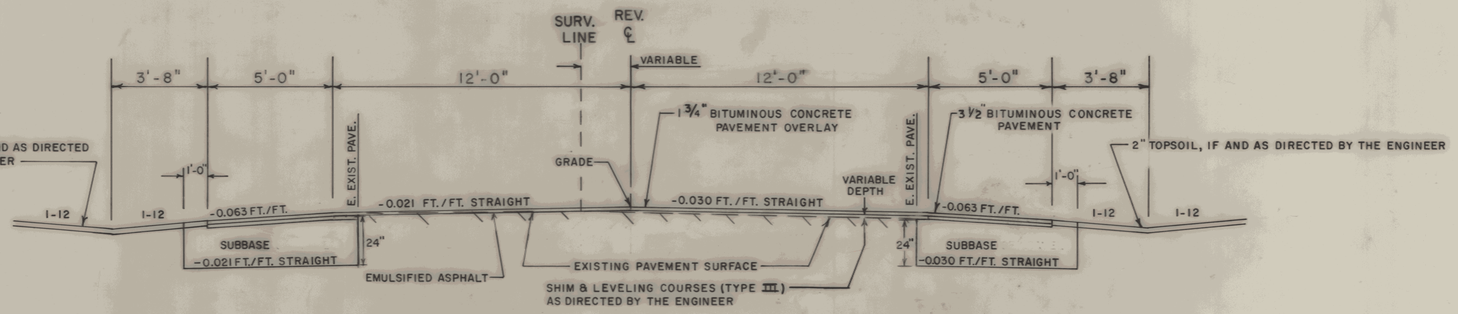
COLD PLANING - BITUMINOUS PAVEMENT ✓ (AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER)
EMULSIFIED ASPHALT ✓

1 3/4" BITUMINOUS CONCRETE PAVEMENT ✓ (± 1/4") TYPE II SURFACE COURSE OVER VARIABLE DEPTH SHIM AND LEVELING COURSES (TYPE III) ✓

SHOULDERS: 3 1/2" BITUMINOUS CONCRETE PAVEMENT ✓ (± 1/4") (1 3/4" TYPE II OVER 1 3/4" TYPE II) ✓
24" ~~SUBBASE OF CRUSHED GRAVEL (FINE GRADED)~~ (± 1")
SUBBASE OF DENSE GRADED CRUSHED STONE

TYPICAL CHANGE AS REQUESTED BY DIST. 5
STA 549+60 – 554+50
1 3/4" Bituminous Concrete Pavement Type III
2.4" Bituminous Concrete Pavement Type II
24" Subbase of Dense Graded Crushed Stone
30" Sand Borrow

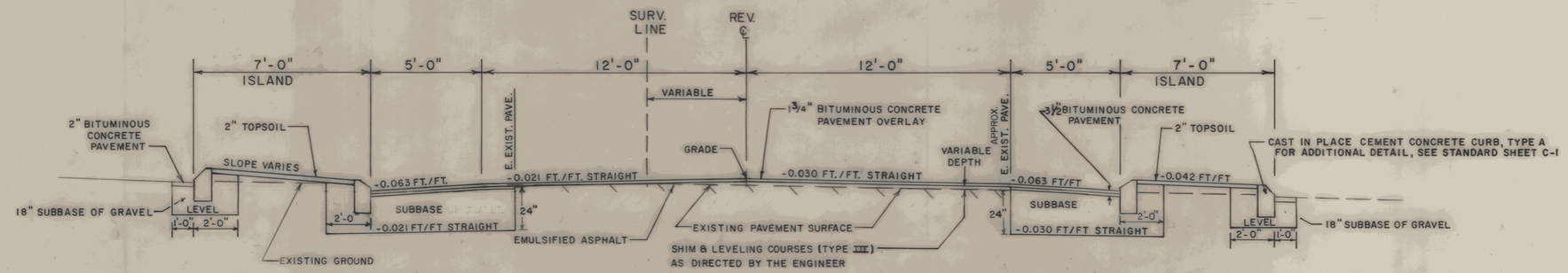
Permissable tolerances in parenthesis applies to thickness only.



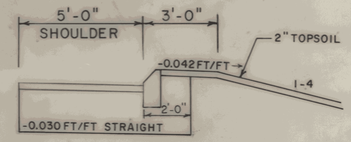
NORMAL SECTION

SEEDING FORMULA

% Wt.	Lbs./A.	Name	Pur. %	Germ. %
3.33	2	Crown Vetch	97	75
50.00	30	Creeping Red Fescue	98	85
8.33	5	Timothy	99	85
16.67	10	Perennial Rye Grass (Var. Pennfine)	95	85
8.34	5	Alfalfa (Var. Saranac)	99	85
8.33	5	Birdsfoot Trefoil (Var. Empire)	98	85
5.00	3	Highland Bent Grass	92	85
100.00	60			



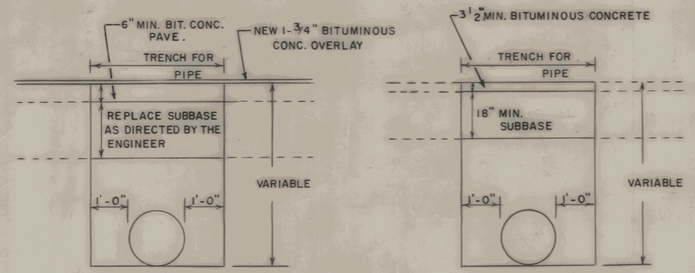
NORMAL SECTION
WITH CURBED ISLANDS



SHOULDER WITH CURB – NO ISLAND

General Notes

1. SEED – To be applied per Seeding Formula as directed by the Engineer.
2. FERTILIZER – Formula 10-20-10 to be used with Seed, applied at the rate of 500 Lbs/Acre.
3. AGRICULTURAL LIMESTONE – To be applied at the rate of 2 Tons/Acre or as directed by the Engineer.
4. HAY MULCH – To be placed on earth slopes at the rate of 2 Tons/Acre.
5. TOPSOIL – To be used with Seed as indicated on the plans or as directed by the Engineer.
6. MARKER POSTS (Wood or Steel, as specified) – To be placed as directed by the Engineer.
7. SLOPE ROUNDING – All cut slopes to be rounded in accordance with Standard Sheet B-5.
8. PAY LIMITS OF SAND BORROW WHEN USED IN CONJUNCTION WITH UNDERDRAIN – See Standard Sheet D-2



TRENCH REPAIR FOR ROADWAY PIPE CROSSINGS

SURVEYED BY FANTONI DATE
DRAWN BY HARDIE DATE 12-84
TRACED BY HARDIE DATE 12-84

ADDISON
PROJ. HES NO. 017-1(4)S
SHEET 2 OF 47

SHEET 432 OF 477

QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

APPROXIMATE SUMMARY OF QUANTITIES

R.O.W.	TRAIN.	NON-GVT PART.	EROSION CONTROL	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
					600	600	CY	COMMON EXCAVATION	203.15	
					100	100	CY	SAND BORROW	203.31	EST.
			10		790	800	CY	TRENCH EXCAVATION OF EARTH	204.20	
					50	50	CY	TRENCH EXCAVATION OF ROCK	204.21	EST.
					95	95	CY	GRANULAR BACKFILL FOR STRUCTURES	204.30	EST.
					950	950	SY	COLD PLANING-BIT. PAVEMENT	210.10	67
		100				100	CY	EXCAV. CL. I CONTAMINATED SOILS	215.20	EST.
		400				400	CY	EXCAV. CL.II CONTAMINATED SOILS	215.21	EST.
			50		650	700	CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35	
					5	5	CWT	EMULSIFIED ASPHALT	404.65	0.4
					400	400	TON	BITUMINOUS CONCRETE PAVEMENT	406.25	
					16	16	CY	CONCRETE, CLASS B	501.25	0.7
					1350	1350	LB	REINFORCING STEEL	507.15	60
								BEGIN OPTION PIPES		
					176	176	LF	18'' CSP .064	601.0015	
					176	176	LF	18'' RCP CL III	601.0815	
					364	364	LF	18'' CAAP .060	601.0215	
					364	364	LF	18'' PCCSP .064	601.0415	
					364	364	LF	18'' RCP CL III	601.0815	
					112	112	LF	21'' X 15'' CAAPA .060	601.3215	
					112	112	LF	21'' X 15'' PCCSPA .064	601.3415	
								END OPTION PIPES		
					1	1	EA	CONCRETE CATCH BASIN W/CI GRATE	604.10	
					1	1	EA	CAST IRON GRATE W/FRAME TYPE B	604.46	
					5	5	EA	CAST IRON GRATE W/FRAME TYPE D	604.51	
					100	100	LF	6'' UNDERDRAIN	605.10	EST.
					100	100	LF	6'' UNDERDRAIN CARRIER PIPE	605.20	EST.
					2	2	EA	UNDERDRAIN FLUSHING BASIN	605.95	EST.
					20	20	HR	ROADWAY PATROL MAINTENANCE	607.10	EST.
					10	10	HR	ALL PURP. EXCAVATOR RENTAL, TYPE I	608.25	EST.
					5	5	HR	POWER BROOM RENTAL	608.30	EST.
					10	10	HR	TRUCK RENTAL	608.37	EST.
					80	80	MGL	DUST CONTROL W/WATER	609.10	EST.
					1	1	TON	DUST AND ICE CONTROL W/CALC. CHLORIDE	609.15	EST.
			30			30	CY	STONE FILL, TYPE I	613.10	

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		COMMON EXCAVATION
569	CY	MAINLINE VT. 17 APPROACHES (EW SHEET)
8	CY	DRIVES
23	CY	ROUNDING
600	CY	TOTALS
		TRENCH EXCAVATION OF EARTH
535	CY	DRAINAGE DETAIL
150	CY	UNDERDRAIN (EST)
95	CY	GRAN BKFL EXC.
10	CY	TEMP. EROSION CONTROL
10	CY	ROUNDING
800	CY	TOTALS
		SUBASE OF DENSE GRADED CRUSHED STONE
545	CY	MAINLINE VT. 17 APPROACHES (EW SHEET)
8	CY	DRIVES
58	CY	REPLACEMENT AT PIPE CROSSING
50	CY	TEMP. EROSION CONTROL
39	CY	ROUNDINGS
700	CY	TOTALS
		BITUMINOUS CONCRETE PAVEMENT
277	TON	MAINLINE VT. 17 APPROACHES
28	TON	DRIVES
55	TON	LEVELING EST.
28	TON	REPLACEMENT AT PIPE CROSSINGS
12	TON	ROUNDINGS
400	TON	TOTALS
		STONE FILL, TYPE I
23	CY	SPECIAL DITCH (VT 17 E. 12+00 - 13+00RT)
6	CY	TEMP. EROSION CONTROL
1	CY	ROUNDINGS
30	CY	TOTALS
		TEMPORARY EROSION CONTROL
10	CY	TRENCH EARTH
50	CY	SUBBASE OF DENSE GRADED CRUSHED STONE
6	CY	STONE FILL, TYPE I
12	LB	SEED WINTER RYE
1	TON	HAY MULCH
20	SY	EROSION MATTING

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

STATIONS FROM	STATIONS TO	PAVEMENT WIDTHS			EQUATIONS +	EQUATIONS -	FEET	MILES	REMARKS
REV	REV								
549+00	549+50	50'							APPROACH CONST.
REV	REV								
549+50	554+50		500'						PROJECT HES 017-1(4)S
REV	REV								
554+50	555+00			50'					APPROACH CONST.
TOTALS									83C10303.PRF

PROJECT NAME ADDISON
PROJECT NUMBER HES 017-1(4)S

SHEET 433 OF 477
SHEET 3 OF 47 SHEETS

QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

APPROXIMATE SUMMARY OF QUANTITIES

R.O.W.	TRAIN.	NON-GVT PART.	EROSION CONTROL	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
					320	320	LF	CAST-IN-PLACE CEMENT CONC. CURB, TYPE A	616.27	9
					2	2	EA	RELOCATE MAILBOX, MULTIPLE SUPPORT	617.12	
					2	2	EA	BOUNDARY MARKERS	619.10	
					2	2	EA	WOOD MARKER POST	619.15	
					3	3	EA	REMOVING AND RESETTING PROP. MARKER	619.20	
					40	40	LF	REMOVING AND RESETTING FENCE	620.50	EST.
					110	110	LF	SLEEVE FOR UTILITIES - 6" PVC (MOD)	625.10	5
					100	100	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.
					170	170	HR	FLAGGERS	630.15	EST.
					0.1	0.1	LS	FIELD OFFICE - ENGINEER	631.10	
					0.1	0.1	LS	TESTING EQUIPMENT - CONCRETE	631.16	
					0.1	0.1	LS	TESTING EQUIPMENT - BITUMINOUS	631.17	
	280					280	HR	EMPLOYEE TRAINEESHIP	634.10	
					0.1	0.1	LS	MOBILIZATION	635.10	
					310	310	LF	PAINTED CURB	646.21	9
					350	350	LF	DURABLE 4" WHITE LINE	646.30	5
					250	250	LF	DURABLE 12'' YELLOW LINE	646.37	3
					100	100	LF	DURABLE 24'' STOP BAR	646.40	11
					30	30	EA	DURABLE LETTER IN WORD MARKING	646.44	
					800	800	LF	TEMPORARY 4'' WHITE LINE	646.50	28
					3500	3500	LF	TEMPORARY 4'' YELLOW LINE	646.51	48
					80	80	LF	TEMPORARY 24'' STOP BAR	646.60	11
			15			15	LB	SEED	651.15	
			12			12	LB	SEED, WINTER RYE	651.17	
			125			125	LB	FERTILIZER	651.18	
			1			1	TON	AGRICULTURAL LIMESTONE	651.20	
			2			2	TON	HAY MULCH	651.25	
					70	70	CY	TOPSOIL	651.35	1
			20			20	SY	EROSION MATTING	654.10	
					630	630	SF	TRAFFIC SIGNS, TYPE A	675.20	10.96
					70	70	SF	TRAFFIC SIGNS, TYPE B	675.21	6
					3000	3000	LB	FLANGED CHANNEL SIGN POST	675.30	62
					250	250	LB	TUBULAR ALUMINUM SIGN POST	675.32	6.8
					470	470	LB	TUBULAR STEEL SIGN POSTS	675.33	2.8
					2	2	EA	FOUNDATION FOR TUBULAR STEEL SIGN POSTS - 18" DIA.	675.43	
					122	122	EA	REMOVING SIGNS	675.50	
					2	2	EA	ERECTING SALVAGED SIGN	675.60	

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

STATIONS FROM	STATIONS TO	PAVEMENT WIDTHS			EQUATIONS +	EQUATIONS -	FEET	MILES	REMARKS
TOTALS									83C10302.PRF

PROJECT NAME ADDISON
PROJECT NUMBER HES 017-1(4)S

QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

APPROXIMATE SUMMARY OF QUANTITIES

	R.O.W.	TRAIN.	NON-GVT PART.	EROSION CONTROL	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
						1	1	EA	FLASHING BEACON	678.16	
						4	4	EA	FLASHING BEACON, MODIFIED	678.16	
						700	700	LF	ELECTRICAL CONDUIT, (1 1/2'' PVC)	678.21	13
						160	160	LF	ELECTRICAL CONDUIT, (2" PVC)	678.21	5
						5	5	EA	PULLBOX	678.25	

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

STATIONS FROM	STATIONS TO	PAVEMENT WIDTHS			EQUATIONS +	EQUATIONS -	FEET	MILES	REMARKS
TOTALS									

83C103Q3.PRF

PROJECT NAME ADDISON
PROJECT NUMBER HES 017-1(4)S

SHEET 435 OF 477
SHEET 5 OF 47 SHEETS

ITEM DETAIL AND DRAINAGE SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE STRUCTURES

STA.	STA.	POSITION	ASKEW	TYPE IN/OUT	DITCH IN	DITCH OUT	PIPE ARCH S IN	PIPE ARCH R IN	PIPE ARCH L FT	PIPE D IN	PIPE L FT	ALLOWABLE OPTIONS PCCSP TH	CAAP TH	RCP CL	CSP TH	PVC SCH	PCCSP PI TH	PIPE ELBOW NO-DIA	ES EA	CB	PROPOSED	DEPTH DI	CONC CL B CY	REIN STEEL LBS	DI GRATE TYPE	CHAN ELEV	CRM CY	TR EXCAV EARTH CY	TR EXCAV ROCK CY	COMM EXC CY	UNC CHAN EXC CY	STRUC EXCAV CY	GRAN BKF STRUC CY	GRAN BORR CY	EROS MATT SY	STONE FILL CY	STONE FILL TYPE	MRKR POSTS LT	MRKR POSTS RT	SUBBASE CY	PAVE. TON	REMARKS
551+00	552+05	LT-RT		DI/CB			21	15	112			.064	.060									4.0	2.1	193	1-D			92												15	5	4' X 4' DITCH DI (D-6) @ 551+00 LT.
551+91	552+05	LT-RT		DI/CB						18	42	.064	.060	III								4.0	2.6	226	1-D			40												5	2	4' X 4' DI (D-8) @ 551+91 LT, TOP W/ STD D-10 .
553+05	553+01	LT-RT		DI/DI						18	32	.064	.060	III								5.0	3.0	257	1-D			32												5	2	4' X 4' DI (D-8) @ 553+05 LT, TOP W/ STD D-10.
552+05	553+01	RT		DI/CB						18	94	.064	.060	III								5.0	2.9	234	1-D			58														4' X 4' DI (D-8) @ 553+01 RT, TOP W/ STD D-9.
553+05	554+04	LT		DI/DI						18	98	.064	.060	III								4.0	2.5	203	1-D			50														4' X 4' DI (D-8) @ 554+07 LT, TOP W/ STD D-9.
554+20		LT																																						EXISTING 8" CMP - REMOVE (TO BE PAID AS COMMON EXCAVATION)
VT ROUTE 17 (EAST)																																							
552+05	11+76	RT-LT		CB/DI						18	176			III	.064					1					1-D			119												6' X 6' CB (D-13) @ MAINLINE 552+05 RT, TOP W/ STD D-10
11+76	12+50	LT-RT		DI/DITCH	X					18	98	.064	.060	III								4.5	2.3	200	1-B			65										1	1	16	8	4' X 4' (D-6) DI @ 11+76 LT.
12+00	13+00																											50						23	I						CONSTRUCT SPECIAL DITCH W/ STONE FILL, TYPE I (TO BE PAID AS TRENCH EXCAVATION)
12+02		LT																																						EXISTING 15" CGMP - RETAIN
VT 17																																							
EAST	WEST																																							
10+05	10+55	LT								6	110					40												29										17	11	6" PVC SLEEVE FOR UTILITIES
• THIS ITEM PAID UNDER CATCH BASIN										6	110					40				1		15.4	1313		1-B		535						23	I	1	1	58	28	
TOTALS							21	15	112	18	176	.064	.060	III	.064											1-B 5-D																
										18	364	.064	.060	III																												

GUARD RAIL

STA.	STA.	LT.	RT.	END TREATMENT	
CURBING					
552+33 RT	10+50 LT				94
552+73	553+06 (ISLAND) RT				78
553+46	553+75 RT				31
553+58	554+09 (ISLAND) LT			117	
	TOTAL			117	203
				320	
TOTALS					

UNDERDRAIN

STA.	STA.	TYPE	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB	MKR PST
554+04		U	LT	6	4	(2 - 2.5 FT STUBS)				
ESTIMATED		U		6	96	75			1	1
ESTIMATED		C		6	100	75			1	1
TOTALS		U		6	100	150			2	2
		C		6	100					

PROJECT NAME ADDISON
PROJECT NUMBER HES 017-1(4)S

SHEET 436 OF 477
SHEET 6 OF 47 SHEETS

EARTHWORKS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

V.C.	% GRADE	STATION	GRADES ELEVATION ON TANGENT	GRADES ELEVATION ON CURVES	GRADES CORR V.C.	GRADES DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK CU. YDS.	ROCK EXCAVATION AREA	ROCK EXCAVATION CU. YDS.	EMBANKMENT AREA	EMBANKMENT CU. YDS.	AREA	CU. YDS.
		549+00			BEGIN APPROACH									
		+50	288.40	END APPROACH-BEGIN		28	BUTT						28	BUTT
			PROJECT HES 017-1(4)S			25		25						25
		+75	288+32			28							27	
						25		26						25
		550+00	288+24			29							28	
						50		58						50
		+50	288.09			34					0		26	
						50		50				1		44
		551+00	287.93			20	BUTT				1		22	BUTT
						25								
		+25	287.86								0			
						25								
		+50	287.78											
						25								
		+75	287.70								0			
		+90	287.65			25						2		
		552+00	287.62				36	BUTT	C	541	4		37	BUTT
		+05	287.60						F	35				
		+13	287.58			25		41	FAC	1.15		4		38
									EXC	501				
		+25	287.54				48				5		45	
						25		51	SB	517		3		45
		+50	287.47				62				1		53	
						27		56				2		51
		+77	287.38				50				2		48	
						23		42				2		41
		553+00	287.31				49				3		48	
		+05	287.30			25		44				1		44
		+25	287.23				45				0		48	
						25		37				3		39
		+50	287.16	287.16	0.00		34				6		37	
						25		31				6		31
		+75	287.08	287.10	+0.02		32				7		30	
						25		28				5		28
		554+00	287.00	287.09	+0.09		28				4		30	
		+04	287.02	287.10	+0.08									
						50		52				5		56
		+20	287.08	287.11	+0.03									
		+50	287.20	287.20	0.00		28	BUTT	END PROJECT HES 017-1(4)S		1		30	BUTT
						50			BEGIN APPROACH		1			
		555+00	287.40						END APPROACH		0			
		CARRIED FORWARD												
		COLUMN FOOTINGS						541				35		517

V.C.	% GRADE	STATION	GRADES ELEVATION ON TANGENT	GRADES ELEVATION ON CURVES	GRADES CORR V.C.	GRADES DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK CU. YDS.	ROCK EXCAVATION AREA	ROCK EXCAVATION CU. YDS.	EMBANKMENT AREA	EMBANKMENT CU. YDS.	AREA	CU. YDS.
						VT. ROUTE 17 (EAST)								
		ML 551+58.44												
		VT RTE 17 (EAST) 9+76.76												
		10+00					5	BUTT			3	BUTT	5	BUTT
						25		5				3		5
		+25					5				3		5	
						25		5				2		5
		+50	END CONSTRUCTION				5	BUTT			2	BUTT	5	BUTT
		+75							C	10				
									F	5				
		11+00							FAC	1.15				
									EXC	4				
		+50												
									SB	10				
		12+00												
		+50												
		13+00												
						VT ROUTE 17 (WEST)								
		ML 551+58.44												
		VT. RTE. 17 (WEST) 10+00.00												
		10+13.5					0						0	
						5.5		3						3
		10+19					30						30	
						6		6	C	18				6
		10+25					20		F	0			20	
						25		9	EXC	18				9
		+50					0						3	
									SB	18				
		+65	END CONSTRUCTION											
		CARRIED FORWARD												
		COLUMN FOOTINGS												

SUMMARY AND BALANCES

STATION TO STATION		TOTAL EXCAV EARTH & ROCK CUBIC YARDS	ROCK EXCAV CUBIC YARDS	EMBANKMENT CUBIC YARDS	EXCESSES CUT	EXCESSES FILL	ACCUMULATIVE EXCESSES CUT	ACCUMULATIVE EXCESSES FILL	
MAINLINE									
549+00	555+00	541		35	501		501		517
VT RT. 17 (EAST)									
10+00	13+00	10		5	4		505		10
VT RTE. 17 (WEST)									
10+25	10+65	18		0	18		523		18
SUBTOTAL		569		40	523		523		545
DRIVES		8		0	8		531		8
TOTALS		577		40	531		531		553

SUMMARY BY COLUMNS

SHEET NO.	COL. NO.	EXCAVATION TOTAL CY	EXCAVATION ROCK CY	EMBANKMENT CY	
	1	541		35	517
	2	28		5	28
DRIVES		8		0	8
TOTALS		577		40	553

REMARKS

EARTH AND ROCK EXCAVATION	577
SOLID ROCK EXCAVATION	0
EARTH EXCAVATION	577
PLANIMETERED FILL	40
LESS FACTORED SOLID ROCK	0
LESS DISPLACEMENT OF ANY LARGE STRUCTURES	0
NET PLANIMETERED FILL	40
FACTOR 0.15 X 37 =	6
PLANIMETERED FILL INCLUDING FACTOR	46
MATERIALS AVAILABLE FOR FILLS	
EARTH EXCAVATION	577
CHANNEL EXCAVATION	0
UNDERDRAIN EXCAVATION (150 X 75%)	113
STRUCTURE EXCAVATION	0
	690
TOTAL MATERIAL AVAILABLE FOR FILL	
	46
TOTAL FILL INCLUDING FACTOR	644
TOTAL MATERIAL FOR FILL	
BORROW	644
EXCESS EXCAVATION	

PROJECT NAME ADDISON
PROJECT NUMBER HES 017-1(4)S

SHEET 437 OF 477
SHEET 7 OF 47 SHEETS

STATE OF VERMONT
AGENCY OF TRANSPORTATION
RIGHT OF WAY PLANS
DETAIL SHEET

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS
1	THE COMMUNITY BAPTIST CHURCH IN ADDISON	4	REV. 551+14 LT. REV. 549+34 LT.	REV. 551+33 LT. REV. 549+70 LT.	0.01A±		SLOPE (T) 90 S.F.±	WDOE		ADDISON			390 S.F.±
2	CONTINENTAL TELEPHONE CO. OF VERMONT INC.	4,5	VT. 17 12+00 RT. VT. 17 12+52 RT.	VT. 17 13+00 RT.			DITCH (P) CULVERT & DR. (P)	WDOE		ADDISON			
3	DELETED												COMBINED WITH PARCEL NO. 4
4	BURPEE, WILLIAM W. & DELNA P.	4	REV. 552+20 RT. REV. 552+29 RT. REV. 552+54 RT. REV. 552+73 RT. REV. 553+28 RT. REV. 554+60 RT.	REV. 554+55 RT. REV. 552+33 RT. REV. 553+06 RT.			SLOPE (T) 0.03A± EASE. TO INSTALL & MAINT. (P) DRIVE (T) EASE. TO INSTALL & MAINT. (P) DRIVE (T) INSTALL & MAINTAIN (P)	WDOE		ADDISON			1304 S.F.± CURB 40' PAVED MP 4181 CURB 40' PAVED MP 4195 SIGN
5	DELETED									ADDISON			FORMELY CROSS, REGINALD & RUTH
6	CENTRAL VERMONT PUBLIC SERVICE CORP.												UTILITY
7	TRI-TOWN WATER DISTRICT												UTILITY

REVISION NO.	SHEET	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
1	3,4	PARCEL NO. 3 BURPEE : SPENCER FARM EQUIP. HAS BEEN DELETED PER CO. 7658	3-24-89	A.S.J.	
2	3,4	PARCEL NO 5 CROSS: DELETED FROM PROJECT PER CO. 7659	3-27-89	A.S.J.	
		Mylars to Design 6-2-89			

THIS SHEET TO BE USED FOR R.O.W. INFORMATION ONLY

R.O.W. PLANS

DR. RT.- DRAINAGE RIGHT
DIT. RT.- DITCHING RIGHT
CH. RT.- CHANNEL RT.
DRIVE RT.- DRIVE RIGHT
CUL. RT.- CULVERT RIGHT
(D)- DEMOLITION OR REMOVAL
[W]- WATER SOURCES

PRESENT R.O.W.
TAKING WITHOUT ACCESS
TAKING WITHOUT ACCESS ALONG PROPERTY LINE
TAKING WITH ACCESS
(P) PERMANENT EASEMENT
(T) TEMPORARY EASEMENT

LEGEND

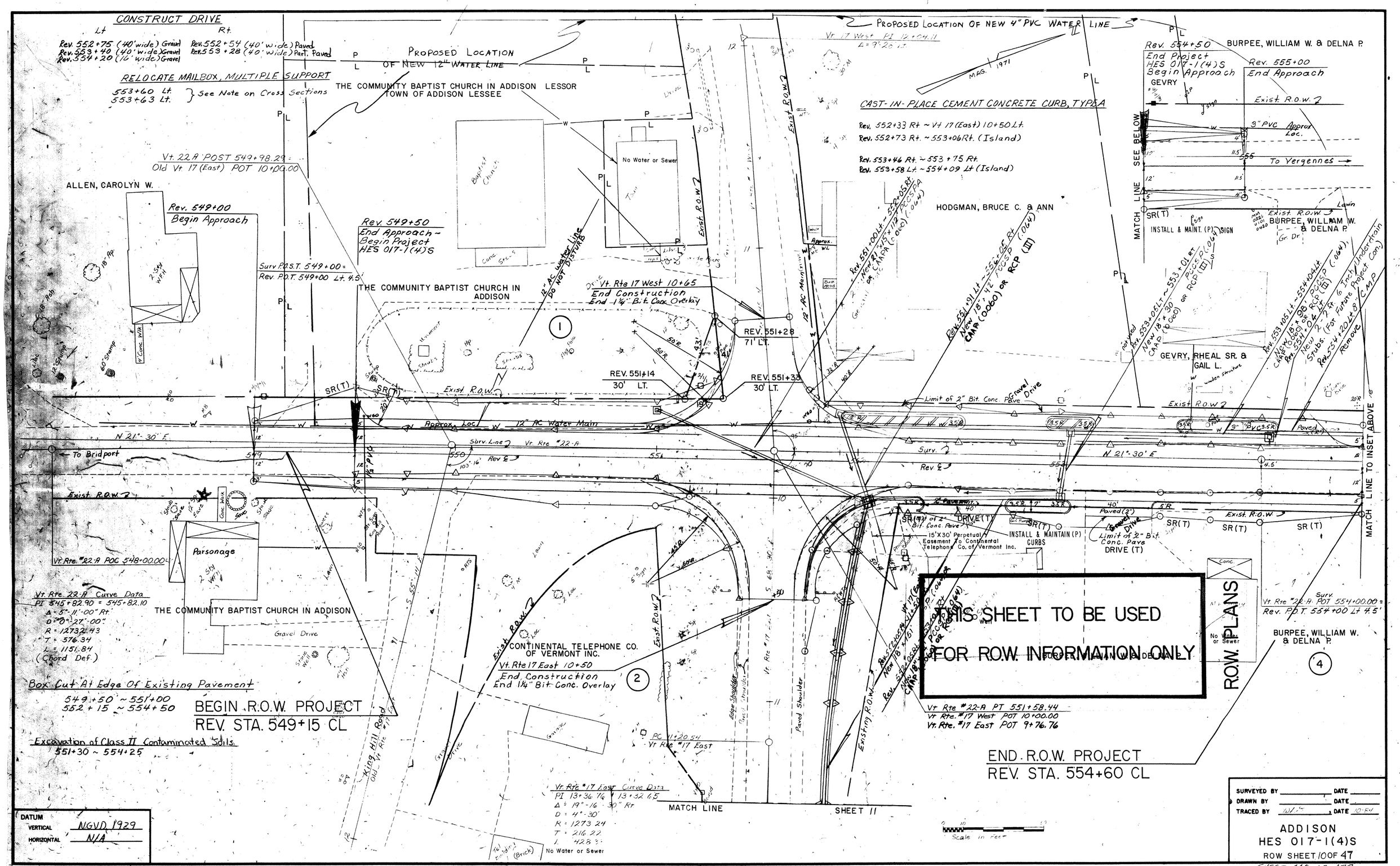
CONST. EASE. CONSTRUCTION EASEMENT
SR SR SLOPE RIGHTS
P PROPERTY LINE
L TOP OF CUT
TOE OF SLOPE

APPROVED: LAWRENCE BLISS, L.S. DATE: 7-27-88
AGENT D, PLANS & TITLES

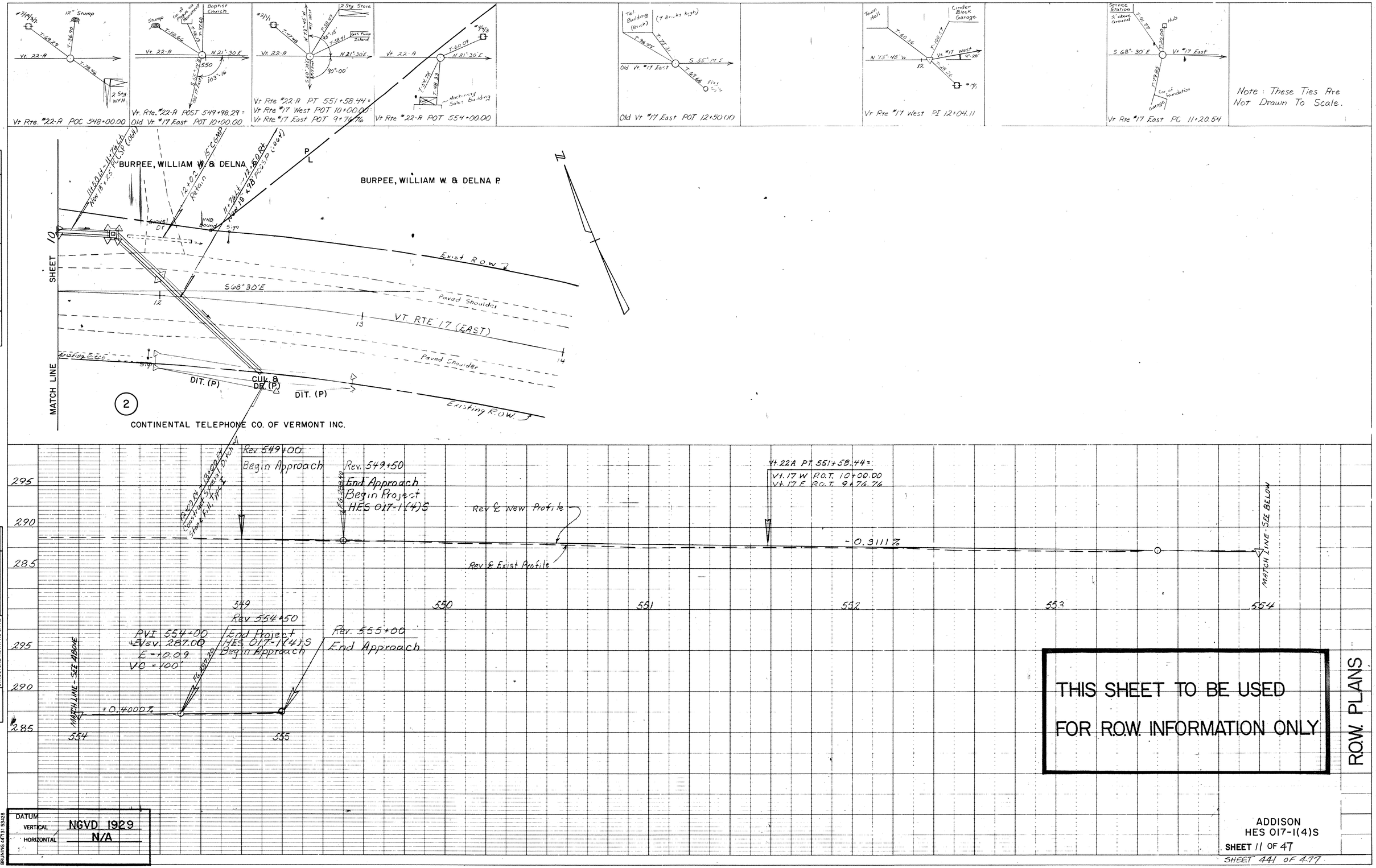
R. O. W. PLANS

ADDISON
HES 017-1(4)S
SHEET 439 OF 477
SHEET 9 OF 47

PROP. ADMIN. 5-87



CONSTRUCT DRIVE
Lt
Rt.
Rev. 552+75 (40' wide) Gravel
Rev. 553+40 (40' wide) Gravel
Rev. 554+20 (16' wide) Gravel
Rev. 552+54 (40' wide) Paved
Rev. 553+28 (40' wide) Part. Paved
RELOCATE MAILBOX, MULTIPLE SUPPORT
553+60 Lt.
553+63 Lt.
See Note on Cross Sections
PROPOSED LOCATION OF NEW 12" WATER LINE
THE COMMUNITY BAPTIST CHURCH IN ADDISON LESSOR
TOWN OF ADDISON LESSEE
PROPOSED LOCATION OF NEW 4" PVC WATER LINE
CAST-IN-PLACE CEMENT CONCRETE CURB, TYPE A
Rev. 552+33 Rt ~ Vt 17 (East) 10+50 Lt.
Rev. 552+73 Rt. ~ 553+06 Rt. (Island)
Rev. 553+46 Rt. ~ 553+75 Rt.
Rev. 553+58 Lt. ~ 554+09 Lt (Island)
Vt. 22 A POST 549+98.29 =
Old Vt. 17 (East) POT 10+00.00
ALLEN, CAROLYN W.
Rev. 549+00
Begin Approach
Rev. 549+50
End Approach ~
Begin Project
HES 017-1(4)S
Surv P.O.S.T. 549+00 =
Rev. P.O.T. 549+00 Lt. 4.5'
THE COMMUNITY BAPTIST CHURCH IN ADDISON
Vt. Rte 17 West 10+65
End Construction
End 1¼" Bit. Conc. Overlay
REV. 551+28
71' LT.
REV. 551+14
30' LT.
REV. 551+33
30' LT.
HODGMAN, BRUCE C. & ANN
BURPEE, WILLIAM W. & DELNA P.
Rev. 554+50
End Project
HES 017-1(4)S
Begin Approach
Rev. 555+00
End Approach
GEVRY
Exist. R.O.W.
3" PVC Approx Loc.
To Vergennes
MATCH LINE SEE BELOW
INSTALL & MAINT. (P) SIGN
BURPEE, WILLIAM W. & DELNA P.
GEVRY, RHEAL SR. & GAIL L.
Limit of 2" Bit. Conc. Pave
Gravel Drive
Approx. Loc. 12" AC Water Main
N 21°-30' E
To Bridport
Exist. R.O.W.
Parsonage
Vt. Rte. #22-A POC 548+00.00
Vt. Rte 22-A Curve Data
PI 545+82.90 = 545+82.10
Δ = 5°-11'-00" Rt.
D = 0°-27'-00"
R = 12732.43
T = 576.34
L = 1151.84
(Chord Def.)
THE COMMUNITY BAPTIST CHURCH IN ADDISON
Gravel Drive
Box Cut At Edge Of Existing Pavement
549+50 ~ 551+00
552+15 ~ 554+50
BEGIN R.O.W. PROJECT
REV. STA. 549+15 CL
Excavation of Class II Contaminated Soils
551+30 ~ 554+25
CONTINENTAL TELEPHONE CO. OF VERMONT INC.
Vt. Rte 17 East 10+50
End Construction
End 1¼" Bit. Conc. Overlay
15'X30' Perpetual Easement To Continental Telephone Co. of Vermont Inc.
INSTALL & MAINTAIN (P) CURBS
Limit of 2" Bit. Conc. Pave
DRIVE (T)
Vt. Rte #22-A PT 551+58.44
Vt. Rte. #17 West POT 10+00.00
Vt. Rte. #17 East POT 9+76.76
Vt. Rte #22-A POT 554+00.00 =
Rev. P.O.T. 554+00 Lt 4.5'
BURPEE, WILLIAM W. & DELNA P.
END R.O.W. PROJECT
REV. STA. 554+60 CL
Vt. Rte #17 East Curve Data
PI 13+36.76 = 13+32.65
Δ = 19°-16'-30" Rt.
D = 4°-30'
R = 1273.24
T = 216.22
L = 428.3
No Water or Sewer
MATCH LINE
SHEET 11
MATCH LINE TO INSET ABOVE
THIS SHEET TO BE USED FOR R.O.W. INFORMATION ONLY
R.O.W. PLANS
Scale in Feet
DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A
SURVEYED BY
DRAWN BY
TRACED BY
DATE
ADDISON
HES 017-1(4)S
ROW SHEET 10 OF 47
SHEET 440 OF 477



Vt Rte. #22-A POC 548+00.00
Vt. Rte. #22-A POST 549+98.29 =
Old Vt. #17 East POT 10+00.00
Vt Rte #22-A PT 551+58.44 =
Vt Rte #17 West POT 10+00.00 =
Vt Rte #17 East POT 9+76.76
Vt Rte #22-A POT 554+00.00
Old Vt #17 East POT 12+50.00
Vt Rte #17 West PI 12+04.11
Vt Rte #17 East PC 11+20.54
Note: These Ties Are Not Drawn To Scale.
BURPEE, WILLIAM W. & DELNA P.
BURPEE, WILLIAM W. & DELNA P.
Exist R.O.W.
S68°30'E
Paved Shoulder
VT. RTE. 17 (EAST)
Paved Shoulder
Existing R.O.W.
DIT. (P)
CUL. & DR. (P)
DIT. (P)
MATCH LINE
SHEET 10
CONTINENTAL TELEPHONE CO. OF VERMONT INC.
Rev 549+00
Begin Approach
Rev. 549+50
End Approach
Begin Project
HES 017-1(4)S
Rev ℄ New Profile
Rev ℄ Exist Profile
Vt. 22A PT 551+58.44 =
Vt. 17 W P.O.T. 10+00.00
Vt. 17 E P.O.T. 9+76.76
-0.3111%
MATCH LINE - SEE BELOW
PVI 554+00
Elev. 287.00
E = +0.09
VC = 100'
Rev 554+50
End Project
HES 017-1(4)S
Begin Approach
Rev. 555+00
End Approach
+0.4000%
MATCH LINE - SEE ABOVE
THIS SHEET TO BE USED FOR R.O.W. INFORMATION ONLY
R.O.W. PLANS
DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A
ADDISON
HES 017-1(4)S
SHEET 11 OF 47
SHEET 441 OF 477
PLATE 1 SINGLE PLAN - PROFILE
CHARLES BRUNING CO.

CONSTRUCT DRIVES
568+13 Rt 12' WIDE
570+15 Rt 12' WIDE
570+45 Lt 16' WIDE
571+18 Rt 12' WIDE
574+01 Lt 12' WIDE
576+45 Lt 16' WIDE
577+68 Lt 12' WIDE
579+07 Rt 12' WIDE
TH-15: 10+38 12' WIDE
11+00 12' WIDE

SPECIAL DITCH
577+02 Rt ~ 578+51 Rt
578+50 Lt ~ 578+77 Lt
TH-15: 10+50 Lt ~ 11+00 Lt

NOTE: WATER MARKER POSTS ARE TO BE THE RESPONSIBILITY OF THE UTILITY.

SAND BORROW ITEM 203.31
568+00 ~ 582+00

B.M. #9
RR SPIKE IN 30DT
ELEV. 272.62

SURV PI STA 576+57.98

SURV PI STA 580+35.56 = 580+31.23

NOTE: BOX TIES NOT TO SCALE

TH-15 SURV POT STA 13+74.57

SURV POT STA 13+74.59

SURV PI STA 580+35.56
= 580+38.01
Δ = 14°-40'-50" Rt

SURV PI STA 580+35.56 BK
= 580+31.23 AH
Δ = 18°-01' RT

MAG 1969

6" UNDERDRAIN, ITEM 605.10
572+51 Rt ~ 582+00 Rt

CONSTRUCT FLUSHING BASIN
578+51 Rt.

CONSTRUCT

STONE FILL, TYPE I, ITEM 613.10
574+01 ~ 582+00 Rt
TH-15: 10+50 Lt ~ 11+00 Lt

EROSION MATTING, ITEM 654.10
568+00 Rt ~ 571+50 Rt
578+50 Lt ~ 578+77 Lt

SURV CURVE #2
Δ = 1°5'-01" Rt
D = 2°-00'
R = 2864.79
T = 377.58
L = 750.83
E = 14.76

SURV POST 579+32.00
= SURV POT 10+00.00
Δ = 103°-22'-45" Lt

REV CURVE #2
Δ = 14°-40'-49" RT
D = 3°-15'
R = 1760.95
T = 227.10
L = 451.71
E = 14.57
BANK = 0.055 FT/FT

NOTE: BARN @ STA 579+50 Rt TO BE REMOVED BY OWNER.

SCALE IN FEET
50 25 0 50

PLAN
SURVEYED
PLOTTED
GRADES CHECKED
ALIGNMENT CHECKED
NOTE BOOK
NO.
RT. OF WAY CHECKED
STRUCTURE NOTATNS CHKD
BY
DATE

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

PROFILE

EXISTING PROFILE

PVI
500' VC
571+50
EL 275.39
SSD=732

-1.562%
-2.94%
-10.00%
-3.00%
+2.40%

282.42
279.30
268.01
255.85 2.75' Lt. OF ML & (TH-15 10+74.89) - BEGIN CONSTRUCTION
255.79
247.46
TH-15 11+50
END CONSTRUCTION
E.G. = 243.74
TH-15 PROFILE
FLUSHING BASIN
6" UNDERDRAIN

SCALE IN FEET
50 25 0 50
HORIZ.
10 5 0
VERT.

STATION 569 570 571 572

THIS SHEET TO BE USED FOR R.O.W. INFORMATION ONLY

R.O.W. PLANS

ADDISON
HES 017-1(4)S
SHEET 12 OF 47
SHEET 442 OF 477

BRUNING 44-131 53428

CONSTRUCT DRIVE

Lt

Rev. 552+75 (40' wide) Gravel
Rev. 553+40 (40' wide) Gravel
Rev. 554+20 (16' wide) Gravel

Rt

Rev. 552+54 (40' wide) Paved
Rev. 553+28 (40' wide) Part. Paved

RELOCATE MAILBOX, MULTIPLE SUPPORT

553+60 Lt.
553+63 Lt.
} See Note on Cross Sections

PROPOSED LOCATION OF NEW 12" WATER LINE

PROPOSED LOCATION OF NEW 4" PVC WATER LINE

Vt. 17 West PI 12+04.11
Δ = 9°-28 Lt.

MAG. 1971

B.M. EGM 19
Disc Top Stamp
U.S.G.S. Elev.
290.20

Vt. 22-A POST 549+98.29 =
Old Vt 17 (East) POT 10+00.00

Rev. 549+00
Begin Approach

Surv POST 549+00 =
Rev. POT 549+00 Lt. 4.5'

Rev. 549+50
End Approach ~
Begin Project
HES 017-1(4)S

Vt. Rte 17 West 10+65
End Construction
End 1¼" Bit. Conc. Overlay

Exist R.O.W.

Approx. Loc. 12" AC Water Main

Surv. Line Vt. Rte "22-A Rev. ℄

N 21°-30' E

To Bridport

Vt. Rte "22-A POC 548+00.00

Parsonage

Gravel Drive

Vt. Rte 22-A Curve Data
PI 545+82.90 = 545+82.10
Δ = 5°-11'-00" Rt
D = 0°-27'-00"
R = 12732.43
T = 576.34
L = 1151.84
(Chord Def.)

Box Cut At Edge Of Existing Pavement
549+50 ~ 551+00
552+15 ~ 554+50

Excavation of Class II Contaminated Soils (Non-Gov't Part)
551+30 ~ 554+25

King Hill Road
Old Vt Rte #17 East

Vt. Rte 17 East 10+50
End Construction
End 1¼" Bit. Conc. Overlay

Exist R.O.W.

Approx. Location of Buried Tel. Line Control

PC 11+20.54
Vt. Rte "17 East

Vt. Rte "17 East Curve Data
PI 13+36.76 = 13+32.65
Δ = 19°-16'-30" Rt
D = 4°-30'
R = 1273.24
T = 216.22
L = 428.33

Tel. Building (Brick)

Match Line Sta. 11+50 ~ SEE SHEET 14 OF 47

CAST-IN-PLACE CEMENT CONCRETE CURB, TYPE A

Rev. 552+33 Rt. ~ Vt 17 (East) 10+50 Lt.
Rev. 552+73 Rt. ~ 553+06 Rt. (Island)

Rev. 553+46 Rt. ~ 553+75 Rt.
Rev. 553+58 Lt. ~ 554+09 Lt (Island)

Rev. 551+00 Lt ~ 552+05 Rt.
2-3" New 18"x15"x11½" Rect. CMP (.064") or RCP
Gravel Drive

Rev. 551+91 Lt ~ 553+05 Rt.
New 18" x 11½" Rect. CMP (.060") or RCP (.064")

Rev. 554+09 Lt ~ 554+41 Lt
New 15"x 10½" Rect. CMP (.064")

Rev. 554+50
End Project
HES 017-1(4)S
Begin Approach

Rev. 555+00
End Approach

Match Line Sta. 554+50 (See Below)

Exist. R.O.W. ℄

3" PVC Approx Loc.

To Yergennes

Exist. R.O.W. ℄

Lawn

Gr. Dr.

Rev. 553+03 Lt ~ 553+61 Lt
New 18" x 30" Rect. CMP (.064") or RCP

Rev. 553+105 Lt ~ 554+04 Lt
New 18" x 30" Rect. CMP (.064")
Rev. 554+04 Lt ~ 554+20 Lt
New 2 - 2 Ft. 6 Inch Underdrain Stubs. (For Future Project Con.)
Rev. 554+20 Lt 3" CMP Remove

Exist. R.O.W.

Limit of 2" Bit. Conc. Pave

Gravel Drive

Paved (2)

3" PVC

Match Line Sta. 554+50 ~ See Above

Surv. Rev. ℄

N 21°-30' E

Vt. Rte "22-A PT 551+58.44
Vt. Rte. "17 West POT 10+00.00
Vt. Rte. "17 East POT 9+76.76

Vt. 17 (East) Rev. 552+84 Lt ~ 552+62 Lt New 18" x 15" 20°-59' Pcc-Sp CMP (.060") or RCP (.064")

Rev. 552+62 Rt ~ 552+84 Rt New 18" x 15" 20°-59' Pcc-Sp CMP (.060") or RCP (.064")

Limit of 2" Bit. Conc. Pave

Gravel Drive

Exist. R.O.W.

Paved (2)

Machinery Sales Bld.

Conc.

Surv. Vt. Rte "22-A POT 554+00.00 = Rev. POT 554+00 Lt 4.5'

Exist. R.O.W.

Paved Shoulder

Edge Shoulder

Paved Shoulder

Vt. Rte "17 East

Existing R.O.W.

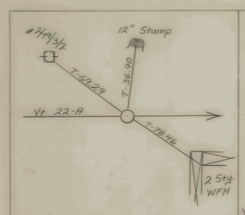
Approx. Location of Buried Tel. Line Control

Scale in Feet

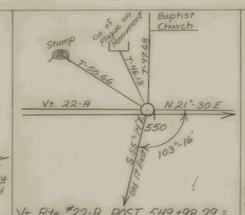
DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

SURVEYED BY _____ DATE _____
DRAWN BY _____ DATE _____
TRACED BY DWB DATE 10-84

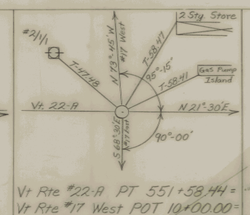
ADDISON
PROJ. HES NO. 017-1(4)S
SHEET 13 OF 47



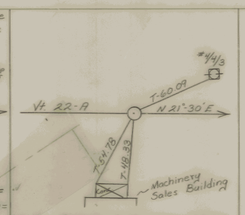
Vt Rte. #22-A POC 548+00.00



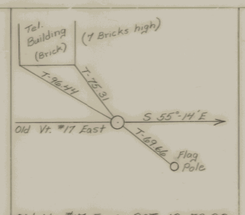
Vt. Rte. #22-A POST 549+98.29 =
Old Vt. #17 East POT 10+00.00



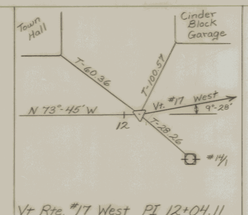
Vt Rte. #22-A PT 551+58.44 =
Vt Rte #17 West POT 10+00.00=
Vt Rte #17 East POT 9+76.76



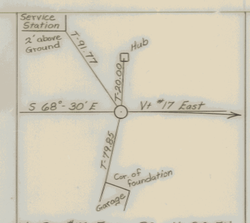
Vt Rte #22-A POT 554+00.00



Old Vt. #17 East POT 12+50.00



Vt Rte. #17 West PI 12+04.11

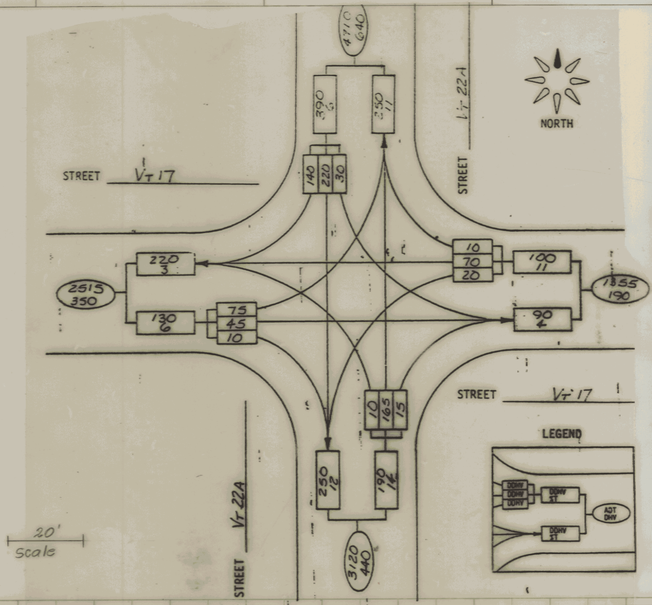


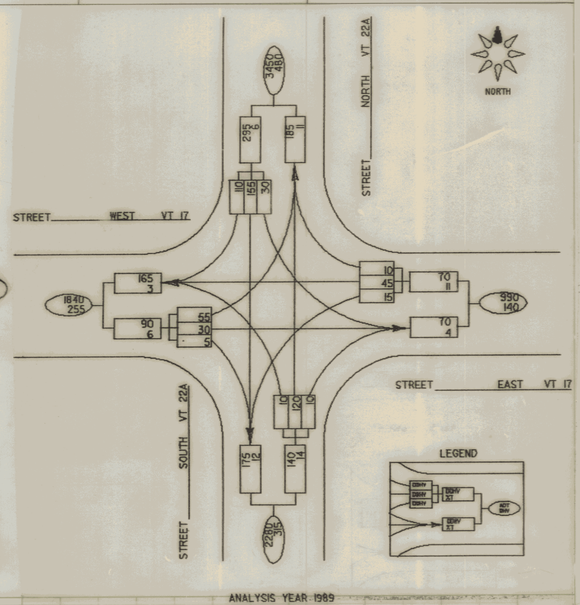
Vt. Rte. #17 East PC 11+20.54

Note: These Ties Are Not Drawn To Scale.



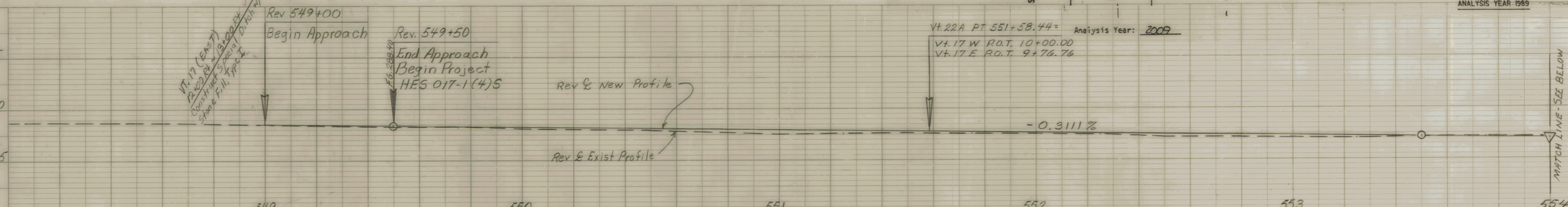


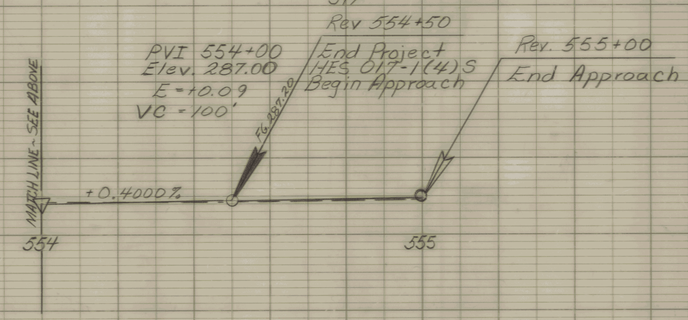


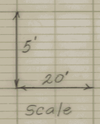


ANALYSIS YEAR 1989

Vt 22A PT 551+58.44 = Analysis Year: 2009
Vt. 17 W P.O.T. 10+00.00
Vt. 17 E P.O.T. 9+76.76







DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

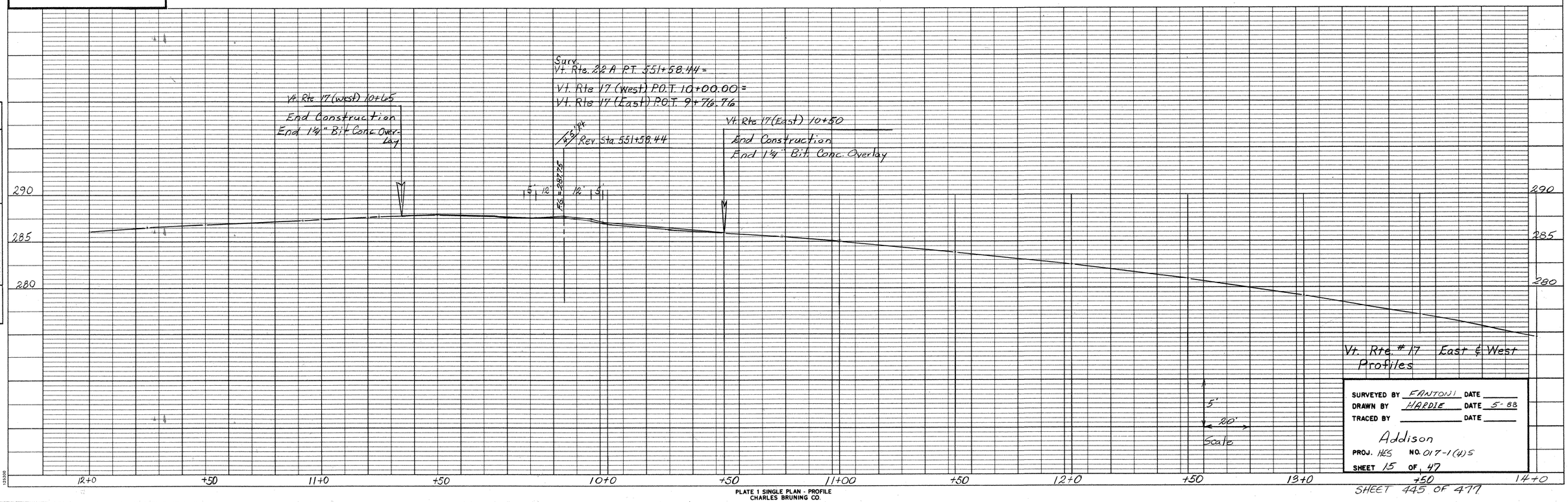
ADDISON
HES 017-1(4)S

Sheet 14 of 47
SHEET 444 OF 477

PLATE 1 SINGLE PLAN - PROFILE
CHARLES BRUNING CO.

PLAN		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A



PROFILE		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	GRADES CHECKED		
	B. M.'s NOTED		
	STRUCTURE NOTAT'NS CH'KD		

SURVEYED BY FANTONI DATE
DRAWN BY HARDIE DATE 5-88
TRACED BY DATE

Addison

PROJ. HES NO. 017-1(4)S
SHEET 15 OF 47

PLATE 1 SINGLE PLAN - PROFILE
CHARLES BRUNING CO.

CONSTRUCT DRIVE

Lt	Rt.
552+75	552+54
553+40	553+28
554+20	

REMOVE AND RESET MAILBOX

553+60 Lt. } See Note on Cross Sections.
553+63 Lt. }

Vt. 22A POST 549+98.29 =
Old Vt. 17 (East) POT 10+00.00

Rev. 549+00
Begin Approach

Surv P.O.S.T. 549+00 =
Rev. P.O.T. 549+00 Lt. 4.5'

Rev. 549+50
End Approach ~
Begin Project
HES 017-1(4)S

B.M. EGM 17
Disc Top Stmp
U.S.G.S. Elev.
290.20

Baptist Church

Town Hall

Drive

Vt. Rte 17 West 10+65
End Construction

Vt. 17 West PI 12+04.11
Δ = 9°28' Lt.

MAG. 1971

CAST-IN-PLACE CEMENT CONCRETE CURB, TYPE A

℄ 552+33 Rt. ~ Vt 17 (East) 10+50 Lt.
℄ 552+73 Rt. ~ 553+06 Rt. (Island)
℄ 553+46 Rt. ~ 553+75 Rt.
℄ 553+58 Lt. ~ 554+09 Lt (Island)

Rev. 554+50
End Project
HES 017-1(4)S
Begin Approach

Rev. 555+00
End Approach

Exist. R.O.W. ℄

3" PVC Approx Loc.

To Vergennes →

Lawn

Exist. R.O.W.

Gr. Dr.

Match Line Sta. 554+50 (See Below)

Vt. Rte. #22-A POC 548+00.00

Parsonage

Gravel Drive

Vt. Rte 22-A Curve Data
PI 545+82.90 = 545+82.10
Δ = 5°-11'-00" Rt
D = 0°-27'-00"
R = 1273.2.43
T = 576.34
L = 1151.84
(Chord Def.)

Schedule A (Cores)

Core #	Station	Offset	Exist. Depth	Cold Plane	New Pave.	Final Depth
1.	554+45	Lt 3'	6½	1¼	1¼	6½
2.	553+53.5	Lt 4.5'	7½	3½	1¼	7½
3	552+00	Lt 5.5'	6¾	4	1¼	6¾
4	549+92.5	Rt 9.5'	3½	1	1¼	3½
5	549+43	Rt 1.5'	3	1¼	1¼	3

Core #1 Sta. 554+50 See Above

Core #2 Sta. 553+05 See Above

Core #3 Sta. 552+00 See Above

Core #4 Sta. 549+92.5 See Above

Core #5 Sta. 549+43 See Above

Exist. R.O.W.

Vt. Rte 17 East 10+50
End Construction

Vt. Rte #17 East

Gravel Drive

Garage

Old Vt. Rte #17 East

King Hill Road

Vt. Rte 17 East Curve Data
PI 13+36.76 = 13+32.65
Δ = 19°-16'-30" Rt.
D = 4°-30'
R = 1273.24
T = 216.22
L = 428.33

PC 11+20.54
Vt. Rte #17 East

Match Line Sta. 11+50 ~ SEE SHEET 13 OF 47

Rev. 551+51 Lt ~ 552+05 Rt (.044)
New 18" x 4' PCCSP (.044)
CMAP (C060) OR RCP (III)

Rev. 553+01 Rt ~ 553+05 Lt
New 18" x 30' PCCSP (.044)
CMAP (C060) OR RCP (III)

Rev. 553+05 Rt ~ 553+40 Lt
New 18" x 98' PCCSP (.044)
CMAP (C060) OR RCP (III)

553+05 Lt ~ 554+04 Lt
New 18" x 98' PCCSP (.044)
CMAP (C060) OR RCP (III)

Stubs. (For Future Project Conn.)

554+20 Lt 8" CMP Remove

Rev. 552+05 Rt ~ 552+40 Lt
New 18" x 151' RCP (.044) OR
CMAP (C060) OR RCP (III)

Vt. Rte #22-A PT 551+58.44
Vt. Rte. #17 West POT 10+00.00
Vt. Rte. #17 East POT 9+76.76

Surv
Vt. Rte #22-A POT 554+00.00 =
Rev. P.O.T. 554+00 Lt 4.5'

Match Line Sta. 554+50 See Above

Limit of 2" Bituminous Conc Pave

Limit of 2" Bit. Conc. Pave

2" Pavement

Paved (2")

Exist. R.O.W.

Store & Coffee Shop

Service Station

Wooden Structure

Fuel Line over Fuel Pipe

Fuel Pipe

Conc.

Monument

Shrubs

Flag Pole

Lawn

Field

Garage

Gravel Drive

Paved Shoulder

Edge Shoulder

Existing R.O.W.

Vt. Rte #17 East

Exist. R.O.W.

Exist. R.O.W.

Vt. Rte #22-A

Rev. ℄

Core #1

Core #2

Core #3

Core #4

Core #5

COLD PLANING DETAIL

LEGEND

1¼ Areas to be Cold Planed & Depths of Cuts Indicated In Inches

○ Location of Existing Pavement Cored *(See Schedule 'A', Left)

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

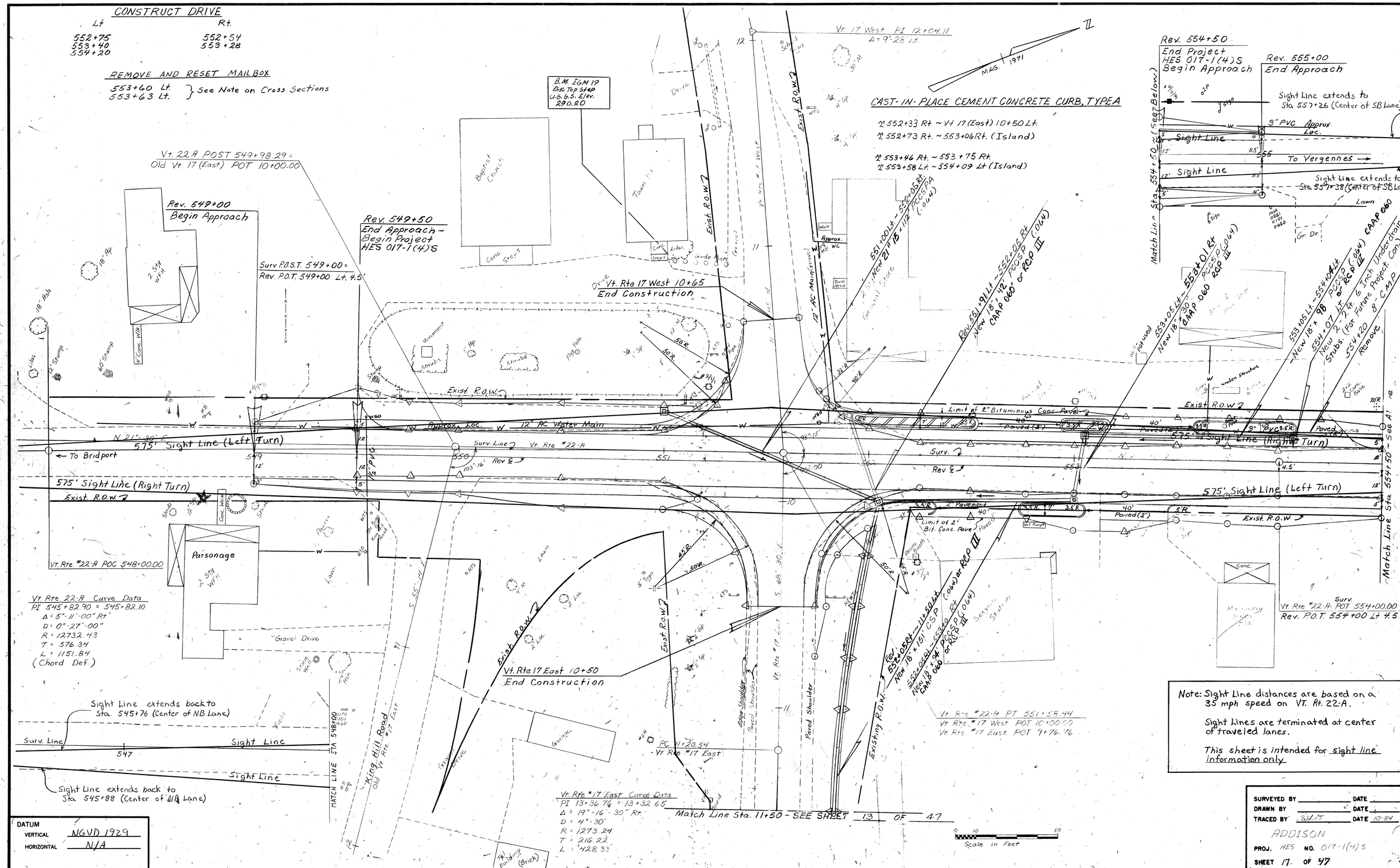
Scale in Feet 0 10 50

SURVEYED BY _____ DATE _____
DRAWN BY _____ DATE _____
TRACED BY WLS DATE 10-84

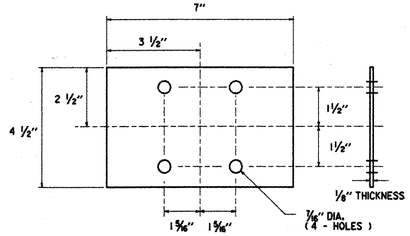
ADDISON

PROJ. HES NO. 017-1(4)S
SHEET 16 OF 47

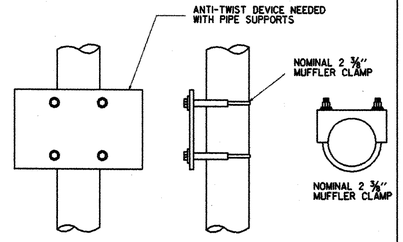
SHEET 446 OF 477


CONSTRUCT DRIVE
Lt
552+75
553+40
554+20
Rt.
552+54
553+28
REMOVE AND RESET MAILBOX
553+60 Lt.
553+63 Lt.
See Note on Cross Sections
B.M. EGM 19
Disc Top Step
U.S.G.S. Elev.
290.20
Vt. 22A POST 549+98.29 =
Old Vt 17 (East) POT 10+00.00
Rev. 549+00
Begin Approach
Rev. 549+50
End Approach ~
Begin Project
HES 017-1(4)S
Surv P.O.S.T. 549+00 =
Rev. P.O.T. 549+00 Lt. 4.5'
Vt. Rte 17 West 10+65
End Construction
Vt. 17 West PI 12+04.11
Δ = 9°-28' Lt.
CAST-IN-PLACE CEMENT CONCRETE CURB, TYPE A
552+33 Rt. ~ Vt 17 (East) 10+50 Lt.
552+73 Rt. ~ 553+06 Rt. (Island)
553+46 Rt. ~ 553+75 Rt.
553+58 Lt. ~ 554+09 Lt (Island)
Rev. 554+50
End Project
HES 017-1(4)S
Begin Approach
Rev. 555+00
End Approach
Sight Line extends to
Sta. 557+26 (Center of SB Lane)
3" PVC Approx. Loc.
Sight Line
To Vergennes
Sight Line extends to
Sta. 557+38 (Center of SB Lane)
Match Line Sta. 554+50 ~ (See Below)
Exist. R.O.W.
12" AC Water Main
Approx. Loc.
Limit of 2" Bituminous Conc. Pave
575' Sight Line (Left Turn)
575' Sight Line (Right Turn)
To Bridport
Surv. Line
Vt. Rte #22-A
Rev. ℄
Parsonage
Vt. Rte. #22-A POC 548+00.00
Vt. Rte. 22-A Curve Data
PI 545+82.90 = 545+82.10
Δ = 5°-11'-00" Rt.
D = 0°-27'-00"
R = 12732.43
T = 576.34
L = 1151.84
(Chord Def.)
Gravel Drive
Vt. Rte 17 East 10+50
End Construction
Sight Line extends back to
Sta. 545+76 (Center of NB Lane)
Sight Line extends back to
Sta. 545+88 (Center of NB Lane)
MATCH LINE STA 548+00
King Hill Road
Old Vt. Rte. #17 East
PC 11+20.54
Vt. Rte #17 East
Vt. Rte #17 East Curve Data
PI 13+36.76 = 13+32.65
Δ = 19°-16'-30" Rt.
D = 4°-30'
R = 1273.24
T = 216.22
L = 428.33
Match Line Sta. 11+50 ~ SEE SHEET 13 OF 47
Existing R.O.W.
Paved Shoulder
Edge Shoulder
Vt. Rte #22-A PT 551+58.44
Vt. Rte. #17 West POT 10+00.00
Vt. Rte. #17 East POT 9+76.76
Vt. Rte #22-A POT 554+00.00 =
Rev. P.O.T. 554+00 Lt 4.5'
Match Line Sta. 554+50 ~ See Above
Scale in Feet
Note: Sight Line distances are based on a 35 mph speed on VT. Rt. 22-A.
Sight Lines are terminated at center of traveled lanes.
This sheet is intended for sight line information only
DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A
SURVEYED BY
DRAWN BY
TRACED BY
DATE 10-84
ADDISON
PROJ. HES NO. 017-1(4)S
SHEET 17 OF 47
SHEET 447 OF 477

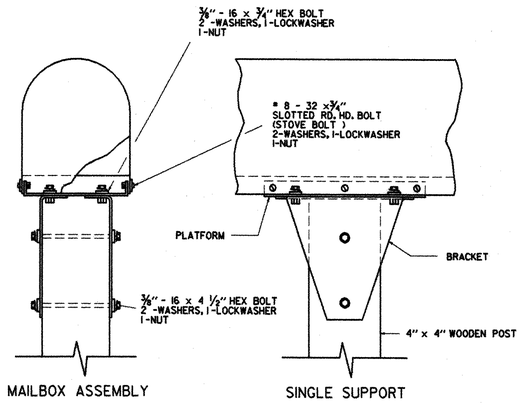
SINGLE SUPPORT



ANTI-TWIST DEVICE DETAIL FOR METAL PIPE



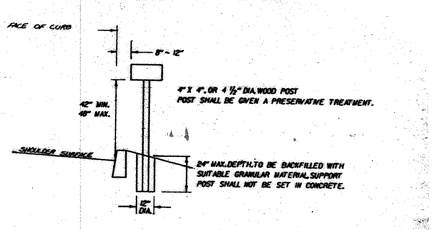
ANTI-TWIST DEVICE ASSEMBLY FOR METAL PIPES
(USED FOR SINGLE AND MULTIPLE INSTALLATIONS)

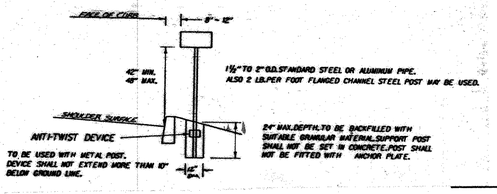


MAILBOX ASSEMBLY SINGLE SUPPORT

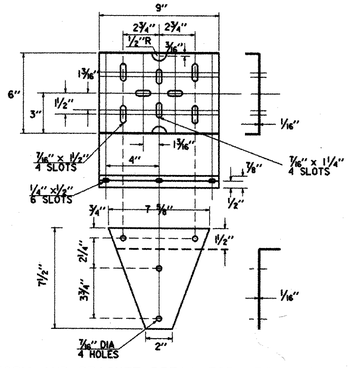
NOTES

1. ONLY LIGHTWEIGHT MAILBOXES MADE OF LIGHT SHEET METAL OR PLASTIC SHALL BE USED. MAILBOXES SHALL MEET REQUIREMENTS AND APPROVAL OF THE U.S. POSTAL SERVICE.
2. AN ALTERNATE MAILBOX SUPPORT STRUCTURE DESIGN AND CONSTRUCTION MAY BE USED AS LONG AS PROVEN CRASHWORTHY AND MEETS GUIDELINES AS SET OUT IN AASHTO'S "GUIDE FOR ERECTING MAILBOXES ON HIGHWAYS". SUPPORT STRUCTURE SHALL ALSO MEET REQUIREMENTS OF THE U.S. POSTAL SERVICE.
3. MAILBOX TURNOUT SHALL MEET B-17 STANDARD AS SET OUT IN "STATE OF VERMONT DEPT. OF HIGHWAYS DESIGN STANDARDS FOR ROAD AND BRIDGE CONSTRUCTION".
4. IF THE STANDARD TURNOUT OFFSET CANNOT BE ATTAINED DUE TO RIGHT-OF-WAY CONSTRAINTS OR OTHER REASONS THE TURNOUT SHALL BE MODIFIED AS DIRECTED BY THE ENGINEER.





TO BE USED WITH METAL POST. DEVICE SHALL NOT EXTEND MORE THAN 10" BELOW GROUND LINE.

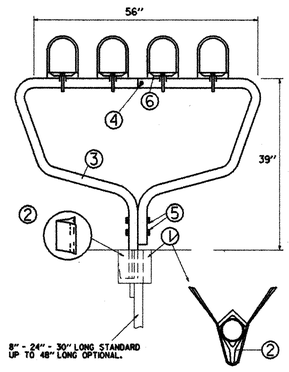


PLATFORM AND BRACKET DETAIL FOR METAL OR WOOD POSTS
(USED FOR SINGLE AND MULTIPLE BOXES)

MULTIPLE BOX INSTALLATION

TYPICAL INSTALLATION

ENERGY ABSORBING MAILBOX SUPPORT SYSTEM



SPECIFICATIONS

① V-LOC SOCKET:
STABILIZER FIN IS 12 GAUGE HOT ROLLED CARBON SHEET STEEL, COMMERCIAL QUALITY. THE FIN IS FORMED FROM SHEET STEEL TO THE SHOWN CONFIGURATION.

LEG ANGLE IS ⅜" x 2" x 2" ANGLE HR 1020 COMMERCIAL QUALITY. ¼" TH. ANGLE AVAILABLE.

WELDS ARE FOUR ¼" x 1½" FILLETS MINIMUM.

FINISH IS DIP-COATED WITH RUST INHIBITING PRIMER. FED. SPEC. TTP636. GALVANIZING AVAILABLE.

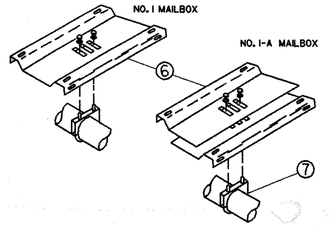
② V-LOC WEDGE:
THE V-LOC WEDGE IS STEEL TUBING MADE TO ASTM A-500, GRADE B SPECIFICATIONS. THEN PRESSED FORMED INTO WEDGE FORM.

③ TUBING:
THE POST IS WELDED MECHANICAL TUBING PRODUCED TO ASTM GRADE A500, GRADE B. 2" O.D. x 0.65 WALL THICKNESS. GALVANIZED, FORMED AND PUNCHED, ASSEMBLED BEFORE SHIPMENT.

④ BRACKET:
1 5/16" x 2 ½" HEX HEAD BOLT ZINC PLATED
1 5/16" NYLON INSERT HEX LOCK NUT ZINC PLATED
2 5/16" FLAT WASHERS ZINC PLATED

⑤ 2⅝" x 4 ½" HEX BOLTS ZINC PLATED
2⅝" NYLON INSERT HEX LOCK NUTS ZINC PLATED
4⅜" FLAT WASHERS ZINC PLATED

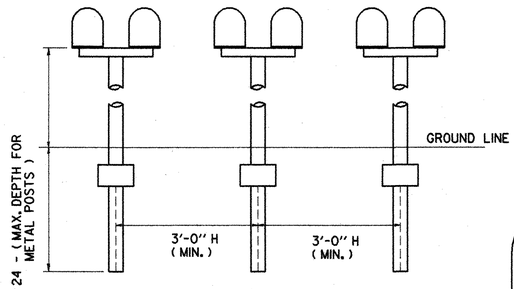
ENERGY ABSORBING MAILBOX SUPPORT SYSTEM



SPECIFICATIONS

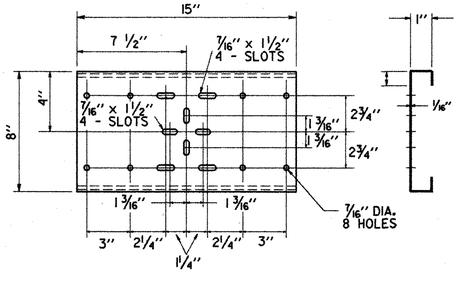
⑥ BRACKETS:
PRE-GALVANIZED 20 GAUGE SHEET STEEL PUNCHED AND FORMED TO SHOWN SHAPE. ADJUSTABLE TO FIT STANDARD RURAL MAILBOXES NO. 1, 19 x 8½ x 8 ½ NO. 1-A, 21 x 8 x 10 ½.

⑦ U-CLAMP WITH SADDLE ⅝" x 1⅞", 2⅜" HEX NUTS ZINC PLATED, 2⅜" FLAT WASHERS ZINC PLATED.



SPACING FOR MULTIPLE POST INSTALLATION

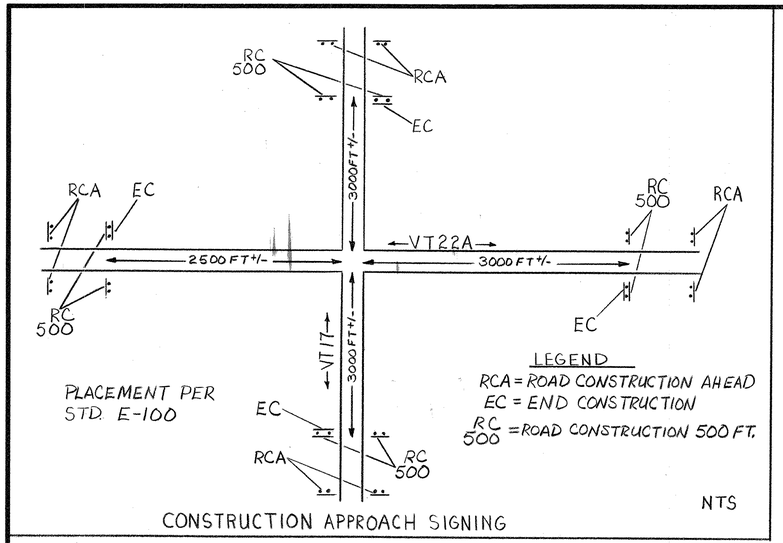
SHELF FOR TWO BOXES



MAILBOX SUPPORT DETAIL

DATE PLOTTED 1-10-89

DRAWN BY DAYE DATE 1-89
SQUAD LEADER
DESIGN FILE NO.
PROJ. NAME ADDISON
PROJ. NO. HES 017-1(4)S
SHEET 18 OF 47 SHEETS



CONSTRUCTION APPROACH SIGNING

REMOVING SIGNS

69 EA., AS SHOWN

NOTE: 1) THIS SHEET IS FOR APPROXIMATE SIGN LOCATION ONLY. EXISTING SIGNS SHOWN ARE THOSE NOTED DURING DESIGN PROCESS AND ARE SUBJECT TO CHANGE.

2) REMOVE ALL EXISTING SIGNS SHOWN, EXCEPT THOSE NOTED AS RET. (RETAIN).

3) ALL EXISTING POSTS SHALL BE REMOVED. POST REMOVAL SUBSIDIARY TO SIGN REMOVAL.

4) NO EXISTING SIGN SHALL BE REMOVED UNTIL ITS REPLACEMENT SIGN AND POST(S) ARE AT THE PROJECT SITE. UPON REMOVAL OF THE EXISTING SIGNS, THE NEW SIGNS SHALL BE PLACED IMMEDIATELY.

5) ALL REMOVED TRAFFIC CONTROL DEVICES, EXCEPT THOSE TO BE SALVAGED, ARE TO BE CAREFULLY REMOVED AND TRANSPORTED TO THE VAOT DISTRICT 5 FACILITY IN COLCHESTER, OR OTHERWISE DISPOSED OF AS DIRECTED BY THE ENGINEER.

SCALE 1" = 200'

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

ADVANCE CONSTRUCTION AND EXISTING SIGNS

SURVEYED BY _____ DATE _____
DRAWN BY _____ DATE _____
TRACED BY DSP DATE 10/85

ADDISON

PROJ. HES NO. 017-1(4)S

SHEET 21 OF 47

SHEET 451 OF 477

BRUNING 53428-3

07

Durable Letter in Word Markings
VT 17 East 18+05 LT (AHEAD)
VT 17 East 18+45 LT (STOP)
VT 17 West 15+00 LT (AHEAD)
VT 17 West 15+40 LT (STOP)

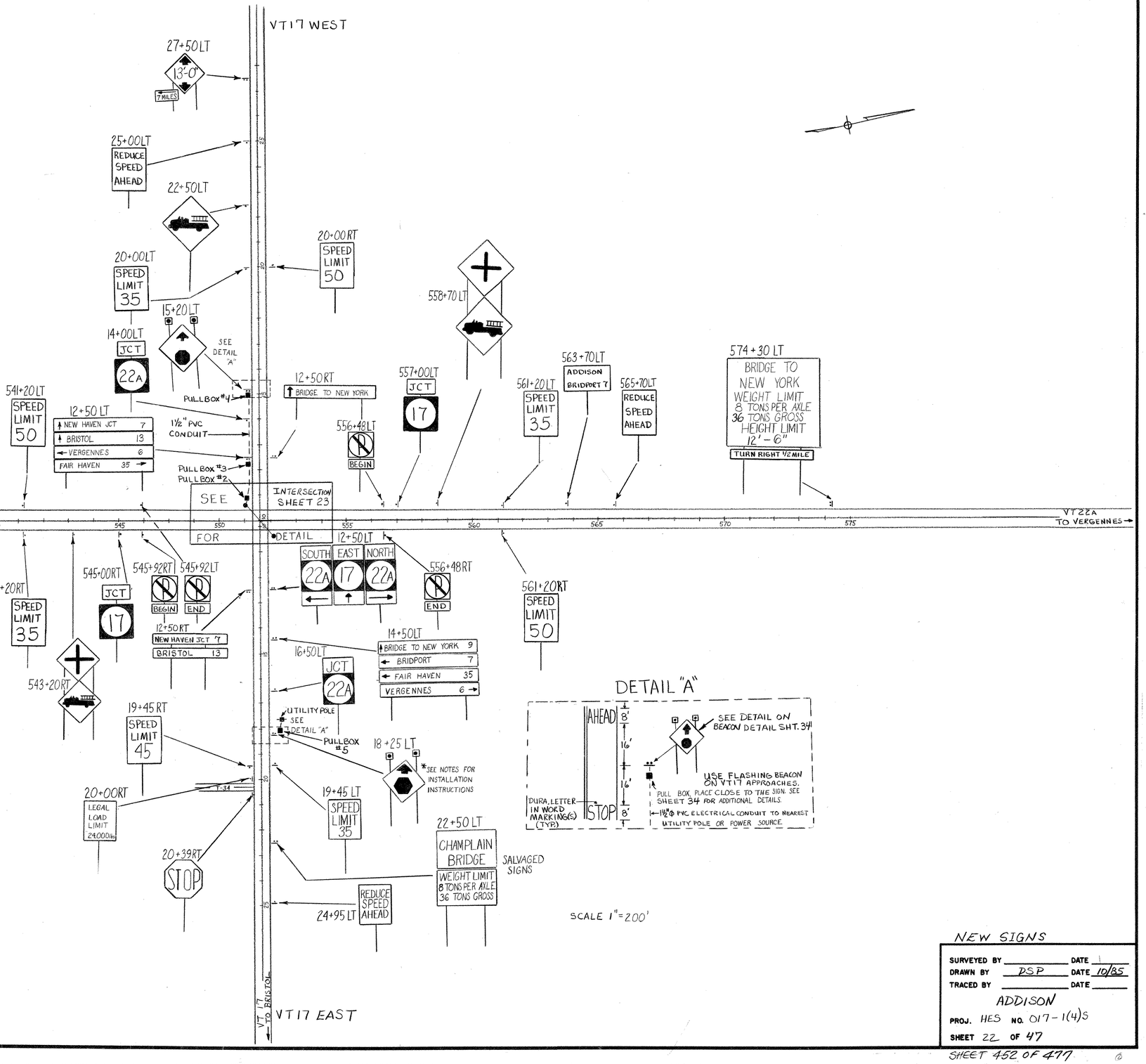
ELECTRICAL CONDUIT 1½" PVC

10+60 LT ~ 12+50 LT (VT 17 WEST)
12+50 LT ~ 15+15 LT (VT 17 WEST)
15+15 LT ~ 15+20 LT (VT 17 WEST)
17+68 LT ~ 18+20 +/- LT (VT 17 EAST)
18+20 LT ~ 18+25 LT (VT 17 EAST)

PULL BOX*

PULL BOX #3 12+50 LT +/- (VT 17 WEST)
PULL BOX #4 15+15 LT +/- (VT 17 WEST)
PULL BOX #5 18+20 LT +/- (VT 17 EAST)

* EXACT LOCATION OF PULLBOXES TO BE DETERMINED IN THE FIELD.
ADDITIONAL CONDUIT AND PULL BOX LOCATIONS CAN BE FOUND ON THE INTERSECTION DETAIL SHEET.



FLASHING BEACONS (MODIFIED)
"STOP AHEAD" 15+20 LT (VT 17 WEST)
"STOP AHEAD" 18+25 LT (VT 17 EAST)

DETAIL "A"

SCALE 1"=200'

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

NEW SIGNS

SURVEYED BY _____ DATE _____
DRAWN BY DSP DATE 10/85
TRACED BY _____ DATE _____

ADDISON
PROJ. HES NO. 017-1(4)S
SHEET 22 OF 47

SHEET 452 OF 477

BRUNING 53428-3
07

Durable 24" Stop Bar
VT 17 West 10+19 Lt ✓
VT 17 East 10+04 Lt ✓
M 549+83 ~ 550+03 27' RT ✓

Durable Letter in Word Markings
VT 17 West 10+28 Lt (STOP) { STOP AHEAD
VT 17 East 10+13 Lt (STOP) { STOP AHEAD
M 549+85 ~ 549+92 36' RT (STOP) ✓

Temporary 24" Stop Bar*
VT 17 West 10+19 Lt
VT 17 East 10+04 Lt
*USED AS INTERIM MARKING ONLY

Temporary 4" White Line
M 549+50 Lt ~ M 550+83 Lt
M 550+10 Rt ~ M 550+93 Rt
M 552+14 Lt ~ M 554+98 Lt
M 552+36 Rt ~ M 555+00 Rt

Temporary 4" Yellow Line (DBL)
M 549+00 Rt ~ 549+65 Rt
M 551+80 Rt ~ 555+00 Rt
VT 17 West 10+20 Lt ~ 12+00 Lt
VT 17 East 10+05 Lt ~ 11+50 Lt
M 550+05 Rt ~ 551+38 Rt
M 549+83 28' Rt ~ 48' Rt

Durable 12" Yellow Lines
M 551+91 Lt ~ 552+53 Lt (Island, AS SHOWN) ✓
M 552+93 Lt ~ 553+18 Lt (Island, AS SHOWN) ✓

Durable 9" White Line
M 550+93 Rt ~ VT 17 East 10+50 Rt ✓
VT 17 East 10+50 Lt ~ 552+36 Rt ✓
M 550+83 Lt ~ VT 17 West 10+65 Rt ✓
VT 17 West 10+50 Lt ~ 552+14 Lt ✓

Painted Cush*
VT 17 East 10+50 Lt ~ M 552+33 Rt ✓
M 552+74 Rt ~ 553+06 Rt (Island) ✓
M 553+46 Rt ~ 553+75 Rt ✓
M 553+58 Lt ~ 554+07 Lt (Island) ✓
* YELLOW, PAINT ALL AROUND.

TRAFFIC SIGNAL CONDUIT, 1½" PVC, EXTEND TO PULLBOX #3 ✓

VT. 17 WEST

EXIST. R.O.W.?

EXIST ROW

PAINTED ISLAND DETAIL
7'-0"
12"
45°
(YELLOW)
SCALE: 1"=10'

554+78 LT
BRIDGEPORT 7
FAIRHAVEN 35
NEW HAVEN 3CT 7
BRIDGE TO N.Y. STATE
FERRY TO N.Y. STATE
Rev. 555+00
End Approach
3" PVC Approx. Loc.
To Vergennes →
Match Line Sta. 554+50 ~ (See Below)

554+60 RT
VERGENNES 6
VERGENNES 6T
BURLINGTON 27

STORE & COFFEE SHOP

BAPTIST CHURCH
CONC. STEPS

TOWN HALL

12" RED FLASHING BEACONS

10+65 LT STOP

550+29 LT B-T-B

550+91 LT
EAST 17 | SOUTH 22A | WEST 17
BACK-TO-BACK
WEST-NORTH-EAST 17 22A 17
EAST-SOUTH-WEST 17 22A 17

2" ½ PVC ELECTRICAL CONDUIT EXISTING UTILITY POLE WITH METER.

STOP

PB#2

11+00 LT
THROUGH WAY & REC. MKRS.

11+52 RT
WEST 17
THROUGH WAY & REC. MKRS.

GENERAL STORE

ONE 1½" & ONE 2" PVC CONDUIT IN 6" PVC SLEEVE.

552+49 LT B-T-B

553+05 LT B-T-B

MOUNT IN SLEEVE PER STD. E-121.

4' (TYP.)

552+23 RT B-T-B

553+83 LT B-T-B

DURABLE 12" YELLOW LINES

Limit of 2" Bituminous Conc. Pave.

548+58 LT
BRIDGEPORT 7
FAIRHAVEN 35

2 STY WFH

B-T-B 549+04 LT

20+18 LT
BRIDGEPORT 7
N.Y. STATE VIA FERRY
FAIRHAVEN 35

Rev. 549+00
Begin Approach

549+71 LT
SOUTH 22A

548 ← To Bridport 549 550 551 552 553 554

DURABLE LETTER IN WOOD MARKINGS (TYP.)

DURABLE 24" STOP BAR (TYP.)

4" TEMP. YELLOW LINE(S) DBL

548+44 RT
VERGENNES 6
BRIDGE TO N.Y.
NEW HAVEN 3CT 7

CONC.

2 STY WFH

KING HILL ROAD

RET.

LEGAL LOAD LIMIT 24,000

549+62 RT

549+23 RT B-T-B

550+83 RT
WEST 17 | NORTH 22A | EAST 17

550+05 RT
STOP

550+27 RT B-T-B

10+19 RT
NORTH 22A | EAST 17 | SOUTH 22A

Exist ROW?

STOP

11+00 RT
EAST 17
THROUGH WAY & REC. MKRS.

Vt Rte. #17 East

EAST 17
FLASHING WAY BOARD MKRS.

King Hill Road
Old VT. Rte #17 EAST

10+40 LT
12" RED FLASHING BEACONS
POLE #1, W/LUMINAIRE & FLASHER CABINET
1½" PVC ELECTRICAL CONDUIT
EXISTING UTILITY POLE
STOP
PB#1

BACK-TO-BACK
SOUTH-EAST-NORTH 22A 17 22A
NORTH-WEST-SOUTH 22A 17 22A

SERVICE STATION

STOP

11+00 LT
THROUGH WAY BOARD MKRS.

553+01 RT
NORTH 22A

553+66 RT B-T-B

CONC.
MACHINERY SALES BLD.

Match Line Sta. 554+50 ~ See Above

REMOVING SIGNS
53 EA, AS SHOWN

SLEEVE FOR UTILITIES 6" PVC
10+55 Lt (VT 17 WEST) ~ 10+05 Lt (VT 17 EAST)

ELECTRICAL CONDUIT 1½" PVC
10+60 Lt ~ 10+65 Lt (VT 17 WEST)
10+60 Lt (VT 17 WEST) ~ 10+20 Lt (VT 17 EAST)
10+20 Lt ~ 10+38 Lt (VT 17 EAST)
10+38 Lt ~ 10+40 Lt (VT 17 EAST)

ELECTRICAL CONDUIT 2" PVC
10+35 Lt ~ 10+60 Lt (VT 17 WEST)
10+60 Lt (VT 17 WEST) ~ 10+20 Lt (VT 17 EAST)
18+25 LT VT 17 EAST (10 LF)
10+60 LT (VT 17 WEST) – 12+50 (VT 17 WEST)
12+50 (VT 17 WEST) ~ 15+15 (VT 17 WEST) LT~LT
18+20 (VT 17 EAST) ~ PowerPole #2 LT~LT
15+15 (VT 17 WEST) ~ 15+20 LT~LT (SIGN 17 WEST)

PULLBOX #5 18+20 LT (VT 17 EAST)
PULLBOX #4 15+15 LT (VT 17 WEST)
PULLBOX #3 12+50 LT (VT 17 WEST)
PULLBOX #2 10+60 Lt +/- (VT 17 WEST)
PULLBOX #1 10+38 Lt +/- (VT 17 EAST)

FLASHING BEACON (MODIFIED)
"STOP" 10+65 LT (VT 17 WEST) ✓
"STOP" 10+40 LT (VT 17 EAST) ✓
15+20 LT 17 WEST ✓
18+25 LT 17 EAST ✓

FLASHING BEACON
FACES 2&4 - FLASHING YELLOW
FACES 1&3 - FLASHING RED
12" DIAMETER LENS FOR ALL FACES.

SIGNS
— EXISTING SIGN
— NEW SIGN

NOTE: REMOVAL ALL EXISTING SIGNS SHOWN, EXCEPT THOSE NOTED AS RET. (RETAIN).

INTERSECTION DETAIL FOR EXISTING SIGNS, NEW SIGNS, PAVEMENT MARKINGS AND FLASHING BEACON LAYOUT

SCALE IN FEET 0 10 20 50

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

SURVEYED BY		DATE
DRAWN BY		DATE
TRACED BY	LW	DATE 9/85

ADDISON
PROJ. HES NO. 017-1(4)S
SHEET 23 OF 47

SHEET 453 OF 477

BRUNING 53428-3
07

TRAFFIC SIGN SUMMARY SHEET

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	EXISTING SIGNS: SIGN DIMENSIONS	EXISTING SIGNS: SALV.	EXISTING SIGNS: REM.	EXISTING SIGNS: RET.	NEW AND SALVAGED SIGNS: "A"	NEW AND SALVAGED SIGNS: "B"	NEW AND SALVAGED SIGNS: SALV. SIGN	NEW AND SALVAGED SIGNS: SALV. T.I.S.	EXISTING POSTS: RET.	EXISTING POSTS: DRILL	EXISTING POSTS: REM.	EXISTING POSTS: SALV.	NEW SIGN POSTS: NUMBER OF POSTS	FLANGED CHANNEL LB./FT.: 2.0	FLANGED CHANNEL LB./FT.: 2.5	FLANGED CHANNEL LB./FT.: 3.0	TUBULAR ALUMINUM: 3.0"ø	TUBULAR ALUMINUM: 3.0"□	TUBULAR ALUMINUM: 4.0"ø	TUBULAR ALUMINUM: 4.0"øM.	TUBULAR STEEL: 3"Ø	TUBULAR STEEL: 3.5"Ø	TUBULAR STEEL: 4.0"Ø	TUBULAR STEEL: 5.0"Ø	W SHAPED STEEL: POST SIZE	W SHAPED STEEL: WEIGHT	FTG. SIZE: 24"	FTG. SIZE: 30"	SIGN FRAME	REMARKS	PLAN SHEET NUMBER	STD. SHEET NUMBER
533+20RT	13'-0" / 7 MILES AHEAD	36×36 24×18				9.00 3.0								2			10 X 10															31	
536+20RT	REDUCE SPEED AHEAD	24×30				5.00								1			18 X																E-142
538+70RT	ADDISON VERGENNES 6	30×18				3.75								1			16 X															31	
541+20RT	SPEED LIMIT 35	24×30				5.00								1			16 X																E-142
541+20LT	SPEED LIMIT 50	24×30				5.00								1			16 X																E-142
543+20 RT		36×36 36×36				9.00 9.00								2			20 X 20															31	
545+00RT	JCT 17	21×15 24×24				2.19 4.00								1			16 X															"JCT" SIGN COLORS PER STD E-136		E-135 E-136
545+92 RT	R BEGIN	24×24 24×12				4.00 2.00								1			16 X																E-143 E-140
545+92LT	R END	24×24 24×12				4.00 2.00								1			16 X																E-143 E-140
548+44RT	VERGENNES 6 BRIDGE TO N.Y. 9	72×10 72×10				5.00 5.00								2			14 X 14																E-123
"	NEW HAVEN JCT 7	72×10				5.00																											E-123
548+58 LT	BRIDPORT 7 FAIRHAVEN 35	72×10 72×10				5.00 5.00								2			12 X 12																E-123
549+04LT	R R	24×24 24×24				4.00 4.00								1			12 X															MOUNT BACK-TO-BACK		E-143
549+23 RT	R R	24×24 24×24				4.00 4.00								1			12 X															MOUNT BACK TO BACK		E-143
549+62RT	LEGAL LOAD LIMIT 24,000 POUNDS	24×30				5.00								1			14 X																E-141
														1																			
TOTALS				EA.		SF. 112.94	SF.	EA.	SF.								717 828 828 717 16																	

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE DESIGN DIVISION'S " SIGN POST DESIGN MANUAL ".

SUMSHEETS

PREPARED BY DM DATE 06/29
CHECKED BY DSP DATE 06/29
DESIGN SUPERVISOR _____ DATE _____
PROJ. ADDISON HES 017-1(14)S
TRAFFIC SHEET NO. _____ OF _____
SHEET 24 OF 47 SHEETS

TRAFFIC SIGN SUMMARY SHEET

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	EXISTING SIGNS: SIGN DIMENSIONS	EXISTING SIGNS: SALV.	EXISTING SIGNS: REM.	EXISTING SIGNS: RET.	NEW AND SALVAGED SIGNS: "A"	NEW AND SALVAGED SIGNS: "B"	NEW AND SALVAGED SIGNS: SALV. SIGN	NEW AND SALVAGED SIGNS: SALV. T.I.S.	EXISTING POSTS: RET.	EXISTING POSTS: DRILL	EXISTING POSTS: REM.	EXISTING POSTS: SALV.	NEW SIGN POSTS: NUMBER OF POSTS	FLANGED CHANNEL LB./FT. 2.0	FLANGED CHANNEL LB./FT. 2.5	FLANGED CHANNEL LB./FT. 3.0	TUBULAR ALUMINUM 3.0"ø	TUBULAR ALUMINUM 3.0"□	TUBULAR ALUMINUM 4.0"ø	TUBULAR ALUMINUM 4.0"øM.	TUBULAR STEEL 3"Ø	TUBULAR STEEL 3.5"Ø	TUBULAR STEEL 4.0"Ø	TUBULAR STEEL 5.0"Ø	W SHAPED STEEL POST SIZE	W SHAPED STEEL WEIGHT	W SHAPED STEEL FTG. SIZE 24"	W SHAPED STEEL FTG. SIZE 30"	SIGN FRAME	REMARKS	PLAN SHEET NUMBER	STD. SHEET NUMBER
549+71 LT	SOUTH 22A	24×12 30×24				2.00 5.00								1			12 X															E-136
550+27 RT	R R	24×24 24×24				4.00 4.00								1			12 X														MOUNT BACK-TO-BACK		E-143
550+29 LT	R R	24×24 24×24				4.00 4.00								1			12 X														MOUNT BACK-TO-BACK		E-143
550+05 RT	STOP	30×30				6.25								1			12 X																E-143
550+83 RT	WEST 17	24×12 24×24 21×15				2.00 4.00 2.19																											E-136
550+83 RT	NORTH 22A	24×12 30×24 21×15				2.00 5.00 2.19								2				16 X 16												X			"
550+83 RT	EAST 17	24×12 24×24 21×15				2.00 4.00 2.19																											"
550+91 RT	EAST 17	24×12 24×24 21×15				2.00 4.00 2.19																											"
550+91 RT	SOUTH 22A	24×12 30×24 21×15				2.00 5.00 2.19								2				18 X 18												X			"
550+91 RT	WEST 17	24×12 24×24 21×15				2.00 4.00 2.19																											"
552+49 LT	R R R R	24×24 24×24 18×18 18×18				4.0 4.0 2.25 2.25								+			X														MOUNT SIGNS AND HAZARD MARKERS BACK-TO-BACK. PLACE IN SLEEVE AS SHOWN ON STD. E-121		E-143 E-150
552+23 RT	R R	24×24 24×24				4.00 4.00								1			12 X														MOUNT BACK TO BACK		E-143
553+01 RT	NORTH 22A	24×12 30×24				2.00 5.00								1			12 X																E-136
553+06 LT SEE SHT. 26																																	
553+66 RT	R R	24×24 24×24				4.00 4.00								1			12 X														MOUNT BACK TO BACK		E-143
553+83 LT	R R	24×24 24×24				4.00 4.00								1			12 X														MOUNT BACK TO BACK		E-143
554+60 RT 554+78 LT	(SEE SHEET 26)																																
556+48 RT	R END	24×24 24×12				4.00 2.00								1			14 X																E-143 E-140
556+48 LT	R BEGIN	24×24 24×12				4.00 2.00								1			14 X																E-143 E-140
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE DESIGN DIVISION'S " SIGN POST DESIGN MANUAL ". TOTALS			EA.			SF. 135.89 123.39	SF.	EA.	SF.									411 372	121.6 129.2															

411 372 — 121.6 129.2

SUMSHEETS

PREPARED BY DM DATE 6/89
CHECKED BY DSP DATE 06/89
DESIGN SUPERVISOR ____ DATE ____
PROJ. ADDISON HES 017-1(14)S
TRAFFIC SHEET NO. ____ OF ____
SHEET 25 OF 47 SHEETS

TRAFFIC SIGN SUMMARY SHEET

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	EXISTING SIGNS: SIGN DIMENSIONS	EXISTING SIGNS: SALV.	EXISTING SIGNS: REM.	EXISTING SIGNS: RET.	NEW AND SALVAGED SIGNS: "A"	NEW AND SALVAGED SIGNS: "B"	NEW AND SALVAGED SIGNS: SALV. SIGN	NEW AND SALVAGED SIGNS: SALV. T.I.S.	EXISTING POSTS: RET.	EXISTING POSTS: DRILL	EXISTING POSTS: REM.	EXISTING POSTS: SALV.	NEW SIGN POSTS: NUMBER OF POSTS	FLANGED CHANNEL LB./FT.: 2.0	FLANGED CHANNEL LB./FT.: 2.5	FLANGED CHANNEL LB./FT.: 3.0	TUBULAR ALUMINUM: 3.0"ø	TUBULAR ALUMINUM: 3.0"□	TUBULAR ALUMINUM: 4.0"ø	TUBULAR ALUMINUM: 4.0"øM.	TUBULAR STEEL: 3"Ø	TUBULAR STEEL: 3.5"Ø	TUBULAR STEEL: 4.0"Ø	TUBULAR STEEL: 5.0"Ø	W SHAPED STEEL: POST SIZE	W SHAPED STEEL: WEIGHT	W SHAPED STEEL: FTG. SIZE 24"	W SHAPED STEEL: FTG. SIZE 30"	SIGN FRAME	REMARKS	PLAN SHEET NUMBER	STD. SHEET NUMBER

557+00 LT	JCT 17	21×15 24×24				2.19 4.00								1			14 X														"JCT" SIGN COLORS PER E-136		E-135 E-136
558+70 LT		36×36 36×36				9.00 9.00								2			20 X 20															31	
561+20 LT	SPEED LIMIT 35	24×30				5.00								1			16 X																E-142
561+20 RT	SPEED LIMIT 50	24×30				5.00								1			12 X																E-142
563+70 LT	ADDISON BRIDPORT 7	30×18				3.75								1			16 X															31	

565+70 LT	REDUCE SPEED AHEAD	24×30				5.00								1			16 X																E-142
~~574+30 LT~~	~~BRIDGE TO NEW YORK WEIGHT LIMIT 8 TONS PER AXLE 36 TONS GROSS WEIGHT LIMIT R2-6~~	~~96×96~~					~~64.0~~							2										X						TWO 18" ROUND CONCRETE FOUNDATIONS PAID UNDER 675.43	31	
"	~~TURN RIGHT ½ MILE~~	~~96×12~~				~~8.00~~																									SEE STD. E-163 FOR MOUNTING DETAILS.	31	

554+60 RT	VERGENNES 6	72×10				5.00								2			12 X 12																E-123

554+78 LT	BRIDPORT 7	72×10				5.00								2			16 16 X																E-123
	FAIRHAVEN 35	72×10				5.00																											
---	NEW HAVEN JCT 7	72×10				5.00																											"
	BRIDGE TO N.Y. 9	72×10				5.00																											

553+05 LT	~~R~~ ~~R~~	~~24×24~~ ~~24×24~~				~~4.0~~ ~~4.0~~								1			X														MOUNT SIGNS AND HAZARD MARKERS BACK TO BACK. PLACE ASSEMBLY IN A SLEEVE PER STD. E-121.		E-143
---	~~◆~~ ~~◆~~	~~18×18~~ ~~18×18~~				~~2.25~~ ~~2.25~~																											E-150
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE DESIGN DIVISION'S " SIGN POST DESIGN MANUAL ". TOTALS				EA.		SF. ~~88.44~~ 67.94	SF. ~~64~~	EA.	SF.							474 310 ~~474~~ ~~510~~									~~467.2~~									

SUMSHEETS

PREPARED BY DM DATE 06/89
CHECKED BY DSP DATE 06/89
DESIGN SUPERVISOR ____ DATE ____
PROJ. ADDISON HES 017-1(4)S
TRAFFIC SHEET NO. ____ OF ____
SHEET 26 OF 47 SHEETS

TRAFFIC SIGN SUMMARY SHEET

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	EXISTING SIGNS: SIGN DIMENSIONS	EXISTING SIGNS: SALV.	EXISTING SIGNS: REM.	EXISTING SIGNS: RET.	NEW AND SALVAGED SIGNS: "A"	NEW AND SALVAGED SIGNS: "B"	NEW AND SALVAGED SIGNS: SALV. SIGN	NEW AND SALVAGED SIGNS: SALV. T.I.S.	EXISTING POSTS: RET.	EXISTING POSTS: DRILL	EXISTING POSTS: REM.	EXISTING POSTS: SALV.	NEW SIGN POSTS: NUMBER OF POSTS	FLANGED CHANNEL LB./FT. 2.0	FLANGED CHANNEL LB./FT. 2.5	FLANGED CHANNEL LB./FT. 3.0	TUBULAR ALUMINUM 3.0"ø	TUBULAR ALUMINUM 3.0"□	TUBULAR ALUMINUM 4.0"ø	TUBULAR ALUMINUM 4.0"øM.	TUBULAR STEEL 3"ø	TUBULAR STEEL 3.5"ø	TUBULAR STEEL 4.0"ø	TUBULAR STEEL 5.0"ø	W SHAPED STEEL POST SIZE	W SHAPED STEEL WEIGHT	FTG. SIZE 24"	FTG. SIZE 30"	SIGN FRAME	REMARKS	PLAN SHEET NUMBER	STD. SHEET NUMBER
VT17 WEST 27+50 RT	1-	30x30				6.25								1			14 X															
27+50 LT	13'-0" ⇄ 7 MILES	36x36 24x18				9.00 3.00								2			16 X 16															31	
25+00 LT	REDUCE SPEED AHEAD	24x30				5.00								1			16 X															E-142
22+50 LT		36x36				9.00								1			16 X														31	
20+00 LT	SPEED LIMIT 35	24x30				5.00								1			12 X															E-142
20+00 RT	SPEED LIMIT 50	24x30				5.00								1			12 X															E-142
15+20 LT		48x48				16.00								2			18 X 18														SEE "FLASHING BEACON MODIFIED" NOTES FOR ADDITIONAL DETAILS		E-150
14+00 LT	JCT 22A	21x15 30x24				2.19 5.00								1			16 X														"JCT" SIGN COLORS PER E-136		E-135 E-136
12+50 LT	↑ NEW HAVEN JCT 7 ↑ BRISTOL 13	72x10 72x10				5.00 5.00								2			16 X 16															E-123
"	← VERGENNES 6 FAIR HAVEN 35 →	72x10 72x10				5.00 5.00																										"
12+50 RT	↑ BRIDGE TO NEW YORK	72x10				5.00								2			12 X 12															E-123
11+52 RT	WEST 17	24x12 24x24				2.00 4.00								1			16 X															E-136
"	THROUGH WAY BEGINS HERE	24x24				4.00																										E-141
11+00 LT	THROUGH WAY ENDS HERE	24x24				4.00								1			12 X															E-141
10+65 LT	STOP	48x48				16.00								2			16 X 16														SEE "FLASHING BEACON MODIFIED" NOTES FOR ADDITIONAL DETAILS		E-143
														1																				
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE DESIGN DIVISION'S "SIGN POST DESIGN MANUAL". TOTALS				EA.		SF. ~~114.19~~ 120.44	SF.	EA.	SF.									~~651~~ BIO ~~651~~ BIO																	

SUMSHEETS

PREPARED BY DM DATE 06/89
CHECKED BY DSP DATE 06/89
DESIGN SUPERVISOR _____ DATE ____
PROJ. ADDISON HES 017-1(4)S
TRAFFIC SHEET NO. ____ OF ____
SHEET 29 OF 47 SHEETS

TRAFFIC SIGN SUMMARY SHEET

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	EXISTING SIGNS: SIGN DIMENSIONS	EXISTING SIGNS: SALV.	EXISTING SIGNS: REM.	EXISTING SIGNS: RET.	NEW AND SALVAGED SIGNS: "A"	NEW AND SALVAGED SIGNS: "B"	NEW AND SALVAGED SIGNS: SALV. SIGN	NEW AND SALVAGED SIGNS: SALV. T.I.S.	EXISTING POSTS: RET.	EXISTING POSTS: DRILL	EXISTING POSTS: REM.	EXISTING POSTS: SALV.	NEW SIGN POSTS: NUMBER OF POSTS	FLANGED CHANNEL LB./FT. 2.0	FLANGED CHANNEL LB./FT. 2.5	FLANGED CHANNEL LB./FT. 3.0	TUBULAR ALUMINUM 3.0"ø	TUBULAR ALUMINUM 3.0"□	TUBULAR ALUMINUM 4.0"ø	TUBULAR ALUMINUM 4.0"øM.	TUBULAR STEEL 3"ø	TUBULAR STEEL 3.5"ø	TUBULAR STEEL 4.0"ø	TUBULAR STEEL 5.0"ø	W SHAPED STEEL POST SIZE	W SHAPED STEEL WEIGHT	FTG. SIZE 24"	FTG. SIZE 30"	SIGN FRAME	REMARKS	PLAN SHEET NUMBER	STD. SHEET NUMBER
VT 17 EAST																																	
10+19 RT	NORTH 22A	24×12 30×24 21×15				2.00 5.00 2.19																											E-136
"	EAST 17	24×12 24×24 21×15				2.00 4.00 2.19								2				18 X 18												X			"
"	SOUTH 22A	24×12 30×24 21×15				2.00 5.00 2.19																											"
10+40 LT	STOP	48×48				16.00								2			16 X 16															SEE "FLASHING BEACON MODIFIED" NOTES FOR ADDITIONAL DETAILS		E-143
11+00 RT	EAST 17	24×12 24×24				2.00 4.00								1			19 X																E-136
"	THROUGH WAY BEGINS HERE	24×24				4.00								1																			E-141
11+00 LT	THROUGH WAY ENDS HERE	24×24				4.00								1			14 X																E-141
12+50 LT	SOUTH 22A	24×12 30×24 21×15				2.00 5.00 2.19																											E-136
"	EAST 17	24×12 24×24 21×15				2.00 4.00 2.19								2				16 X 16												X			"
"	NORTH 22A	24×12 24×24 21×15				2.00 5.00 2.19																											"
12+50 RT	NEW HAVEN JCT 7 BRISTOL 13	72×10 72×10				5.00 5.00								2			14 X 14																E-123
14+50 LT	BRIDGE TO NEW YORK 9 ← BRIDPORT 7	72×10 72×10				5.00 5.00								2			14 X 14																E-123
"	← FAIRHAVEN 35 VERGENNES 6 →	72×10 72×10				5.00 5.00																											"
														1			~~285~~ 354	~~121.6~~ 129.2															
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE DESIGN DIVISION'S " SIGN POST DESIGN MANUAL ". TOTALS				EA.		SF. 113.14	SF.	EA.	SF.																									
																	285 354		121.6 129.2														

SUMSHEETS

PREPARED BY DM DATE 06/89
CHECKED BY DSP DATE 06/89
DESIGN SUPERVISOR ____ DATE ____
PROJ. ADDISON HES 017-1(4)S
TRAFFIC SHEET NO. ____ OF ____
SHEET 28 OF 47 SHEETS

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS	NEW AND SALVAGED SIGNS "A"	"B"	SALV. SIGN	SALV. T.I.S.	EXISTING POSTS RET.	DRILL	REM.	SALV.	NEW SIGN POSTS NUMBER OF POSTS	FLANGED CHANNEL LB./FT. 1.12	2.0	2.5	3.0	TUBULAR ALUMINUM 3.0"ø	3.0"□	4.0"ø	4.0"øM.	TUBULAR STEEL 3"ø	3.5"ø	4.0"ø	5.0"ø	W SHAPED STEEL POST SIZE	WEIGHT	FTG. SIZE 24"	30"	SIGN FRAME	REMARKS	PLAN SHEET NUMBER	STD. SHEET NUMBER
16+50 LT	JCT 22A	21 x 15 30 x 24	2.19 5.00								1				14														"JCT" SIGN COLORS PER E-136		E-135 E-136
18+25 LT		48 x 48	16.00								2				20 20														SEE "FLASHING BEACON MODIFIED" NOTES FOR ADDITIONAL DETAILS		E-150
19+45 LT	SPEED LIMIT 35	24 x 30	5.00								1				14																E-142
19+45 RT	SPEED LIMIT 45	24 x 30	5.00								1				14																E-142
20+00 RT	LEGAL LOAD LIMIT 24,000 POUNDS	24 x 30	5.00								1				12																E-141
20+39 RT	STOP	30 x 30	6.25								1				12																E-143
22+50 LT	CHAMPLAIN BRIDGE / WEIGHT LIMIT 8 TONS PER AXLE 36 TONS GROSS				2						2				16 16														SALVAGED SIGNS		
24+95 LT	REDUCED SPEED AHEAD	24 x 30	5.00								1				14																E-142
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE DESIGN DIVISION'S "SIGN POST DESIGN MANUAL ". TOTALS			SF. 49.44	SF.	EA. 2	SF.									378 456 378 456 3330																

TRAFFIC ITEM SUMMARY

587.29

ITEM NO.	ITEM	UNIT	QUANTITY	RNDG.	TOTAL

NOTES AND DETAILS:

TRAFFIC SIGN SUMMARY SHEET

MASTSSH

PREPARED BY DM DATE 06/89
CHECKED BY DSP DATE 06/89
DESIGN SUPERVISOR _____ DATE _____
PROJ. ADDISON HES 017-1(4)S
TRAFFIC SHEET NO. ____ OF ____
SHEET 29 OF 42 SHEETS

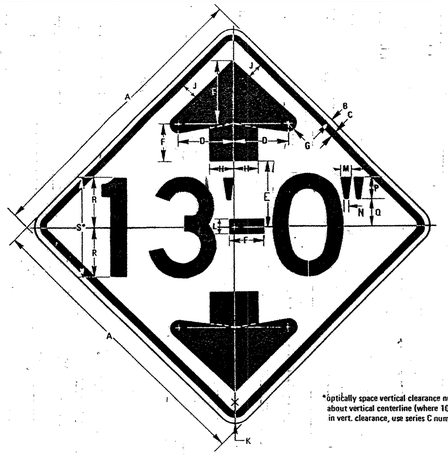
TRAFFIC ITEM SUMMARY SHEET

#	ITEM	SHEET # 21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	RND	UNIT	TOTALS
625.10	SLEEVE FOR UTILITIES-6"PVC			105													5	LF	110
646.21	PAINTED CURB			310														LF	310
646.30	DURABLE 4" WHITE			345													5	LF	350
646.37	DURABLE 12" YELLOW			247													3	LF	250
646.40	DURABLE 24" STOP BAR			89													11	LF	100
646.44	DURABLE LETTER-IN-WORD MARK.		18	12														EA	30
646.50	TEMP. 4" WHITE LINE			772													28	LF	800
646.51	TEMP. 4" YELLOW LINE			1726												1726	48	LF	3500
646.60	TEMP. 24" STOP BAR															69	11	LF	80
675.20	TRAFFIC SIGNS; TYPE A				112.94	135.89	88.44	114.19	113.14	49.44							15.96	SF	630
675.21	TRAFFIC SIGNS; TYPE B						64										6	SF	70
675.30	FLANGED CHANNEL SIGN POSTS				717	411	474	651	285	378							84	LB	3000
675.32	TUBULAR ALUMINUM SIGN POSTS					1216			1216								6.8	LB	250
675.33	TUBULAR STEEL SIGN POSTS						467.2										2.8	LB	470
675.43	FOUNDATIONS FOR " "						2											EA	2
675.50	REMOVING SIGNS	69		53														EA	122
675.60	ERECTING SALVAGED SIGNS									2								EA	2
678.16	FLASHING BEACON (OVERHEAD)			1														EA	1
678.16	FLASHING BEACON (MODIFIED)		2	2														EA	4
678.21	ELECTRICAL CONDUIT-1 1/2" PVC		517	170													13	LF	700
678.21	ELECTRICAL CONDUIT-2" PVC			155													5	LF	160
678.25	PULLBOX		3	2														EA	5

TRAFFIC ITEM SUMMARY SHEET

PREPARED BY DM DATE 06/89
CHECKED BY DSP DATE 06/89
ADDISON
HES 017-1(4)S
PROJ. NO.
SHEET 460 OF 477
TRAFFIC SHEET NO. SHEET 30 OF 47

1986



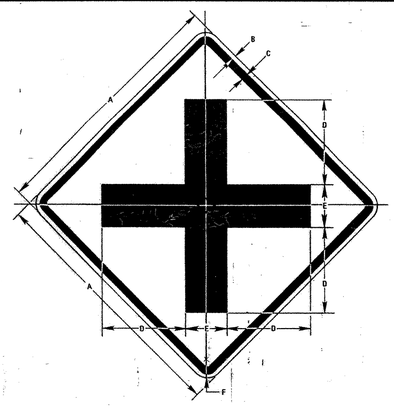
*optically space vertical clearance numerals about vertical centerline (where 10" is used in vert. clearance, use series C numerals)

W12-2

SIGN	DIMENSIONS (INCHES)															
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S
MIN.	30	1/2	3/4	5-3/4	6-5/8	3-3/4	3/4	2-1/2	1-11/16	1-7/8	1-9/16	1	7/16	2-1/4	3-5/16	5	10D
→ STD. & EXPWY.	36	5/8	7/8	6-7/8	8	4-1/2	1	3	2	2-1/4	1-7/8	1-1/4	1/2	2-3/4	4	6	12D
FWY.	48	3/4	1-1/4	9-3/16	10-5/8	5-7/8	1-5/16	4	2-5/8	3	2-7/16	1-5/8	5/8	3-5/8	5-1/2	8	16D

COLORS
LEGEND —BLACK (NON-REFL)
BACKGROUND—YELLOW (REFL)

MATERIAL: PER STD. E-150



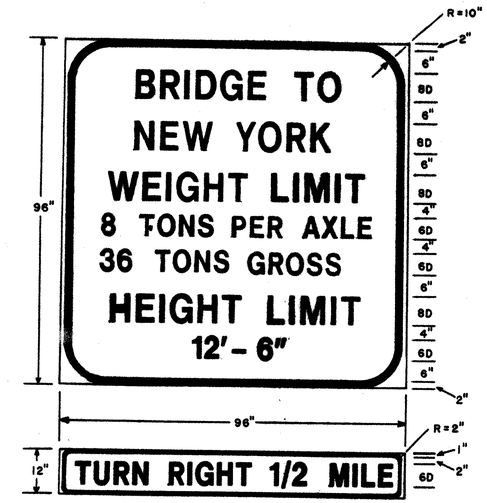
W2-1

SIGN	DIMENSIONS (INCHES)					
	A	B	C	D	E	F
BIKE	18	3/8	5/8	6	3	1-1/2
MIN.	24	3/8	5/8	8	4	1-1/2
STD.	30	1/2	3/4	10	5	1-7/8
→ EXPWY.	36	5/8	7/8	12	6	2-1/4
SPECIAL	48	3/4	1-1/4	16	8	3

COLORS

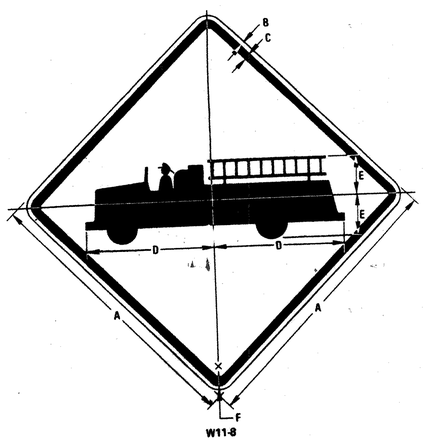
LEGEND — BLACK (NON-REFL)
BACKGROUND — YELLOW (REFL)

MATERIAL: PER STD. E-150



COLORS: BORDER AND TEXT: BLACK
BACKGROUND: WHITE (REFL.)

MATERIALS: EXTRUDED ALUMINUM OR GALV. STEEL PANEL, WITH REFLECTIVE SHEETING.

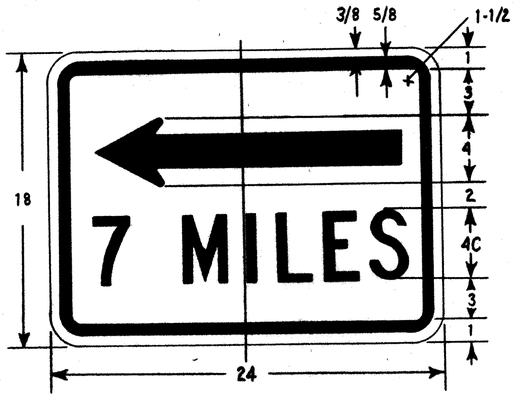


W11-8

	DIMENSIONS (INCHES)					
	A	B	C	D	E	F
MIN.	30	1/2	3/4	13 3/4	4 3/8	1 7/8
→ STD.	36	5/8	7/8	16 1/2	5 1/4	2 1/4
SPECIAL	48	3/4	1 1/4	22	7	3

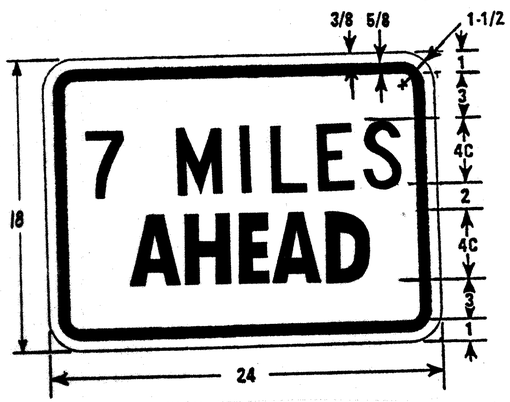
COLORS
BORDER AND SYMBOL—BLACK (NON-REFL)
BACKGROUND —YELLOW (REFL)

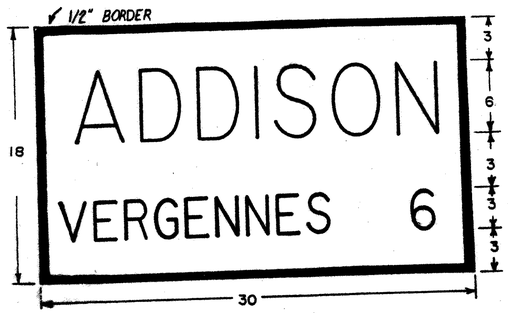
MATERIALS: PER STD E-150

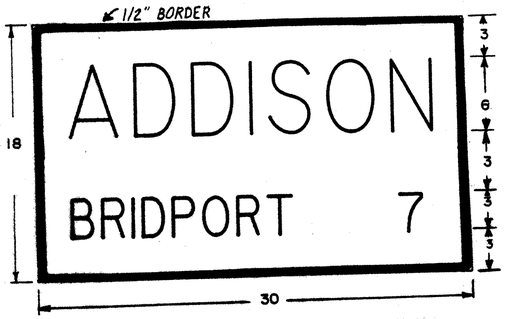


COLORS: BORDER AND TEXT: BLACK
BACKGROUND: YELLOW (REFL.)

MATERIALS: PER STD. E-150







COLORS: BORDER AND TEXT: WHITE (REFL)
BACK GROUND: GREEN (REFL.)

MATERIALS: PER STD. E-143

PREPARED BY _____ DATE _____
CHECKED BY DSP DATE 06/89
DESIGN SUPERVISOR _____ DATE _____
PROJ. ADDISON HES 017-1(4)S
SHEET 461 OF 477
TRAFFIC SHEET NO. ____ SHEET 31 OF 47

BRUNING 44-232 74357

THE NOTES ON THIS SHEET APPLY TO THE OVERHEAD FLASHING SYSTEM.

GENERAL NOTES

1.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE UTILITY COMPANY AND HAVING THE POWER CONNECTED AND METER INSTALLED, INCLUDING ALL COSTS OF PROVIDING POWER FOR THE NEW SYSTEM SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL SUCH TIME AS THE SYSTEM IS ACCEPTED BY THE STATE. (SEE NOTE #2).

2.) BLANK

3.) THE FLASHER UNIT SHALL INCLUDE A RADIO INTERFERENCE FILTER AND A SURGE PROTECTION UNIT.

4.) ALL WORK SHALL MEET THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE AND STATE INSPECTOR.

5.) THE EXISTING OVERHEAD FLASHING BEACON AND SPAN WIRE SHALL NOT BE REMOVED UNTIL ALL NEW BEACONS HAVE BEEN INSTALLED AND ARE WORKING PROPERLY. THE COST OF REMOVING THE EXISTING SYSTEM SHALL BE INCLUDED AS A PART OF THE NEW SYSTEM.

6.) THE POWER SOURCES FOR THE FLASHERS FOR THE SIGNS, AS NOTED IN NOTE #2 OF THE FLASHING BEACON (MODIFIED) NOTES, AND THE OVERHEAD FLASHING BEACON SYSTEM SHALL BE THROUGH THE EXISTING METER WHICH IS MOUNTED ON THE SIDE OF THE UTILITY POLE AT STATION 551+ 20 LT. THE CONTRACTOR SHALL SUPPLY A NEW METER BASE AND NEW CONDUIT (2" PVC) WHICH SHALL EXTEND DOWN THE POLE AND UNDERGROUND TO PULLBOX 2. THE POWER SHALL RUN UNDERGROUND IN 2" PVC CONDUIT TO SIGNAL STRAIN POLE # 1. THE COST OF PROVIDING THE METER BASE, FLASHER CABINET AND ELECTRICAL WIRING INCLUDING ALL INCIDENTALS NECESSARY TO GET POWER TO THE FLASHER CABINET SHALL BE CONSIDERED A PART OF THE OVERHEAD FLASHING BEACON SYSTEM.

EQUIPMENT NOTES

1.) THE SIGNAL HEADS SHALL CONSIST OF FOUR - WAY SINGLE SECTION 3- M PROGRAMMABLE (UNMASKED) UNITS. THEY SHALL BE MOUNTED USING DISCONNECT AND STAINLESS STEEL BUSHED BALANCE ADJUSTER FITTINGS. THE HOUSING SHALL BE FEDERAL YELLOW WITH FLAT BLACK DOORS AND VISORS.

2.) ELECTRICAL CABLE SHALL BE ATTACHED TO THE SPAN WIRE WITH STAINLESS STEEL LASHING WIRE (ALLOY 430).

3.) THE FLASHER UNIT SHALL BE HOUSED IN A POLISHED ALUMINUM CABINET WITH A # 2 LOCK. A 100 AMP DISCONNECT BOX SECURED WITH A MASTER LOCK # 3220, SHALL BE MOUNTED ON THE FLASHER CABINET. THE FLASHER CABINET SHALL BE MOUNTED ON STRAIN POLE # 1.

4.) THE LUMINAIRE SHALL BE 250 - W HIGH PRESSURE SODIUM OF A MEDIUM CUT - OFF TYPE II. SEE PHOTOMETRIC DATA ON THIS SHEET. THE POWER FOR THIS UNIT SHALL BE THROUGH THE SAME METER AS THE FLASHING BEACONS.

5.) THE FLASHER CABINET SHALL BE LARGE ENOUGH SO AS TO HOUSE THE FLASHER FOR THE OVERHEAD FLASHING SYSTEM AND THREE SEPERATE FLASHERS FOR THE FLASHING BEACONS ON THE "STOP AHEAD" AND "STOP" SIGNS. (THE FOURTH STOP AHEAD BEACON UNIT RUNS OFF A SEPERATE POWER SOURCE.

SHOP DRAWING SUBMITTAL

THE MANUFACTURER SHALL SUBMIT FOR APPROVAL SHOP DRAWINGS FOR THE FLASHING BEACON SYSTEM. THE SUBMITTAL SHALL CONTAIN A MINIMUM OF THE FOLLOWING:

A.) SOLID STATE FLASHER
MANUFACTURER, MODEL, TYPE, ASSURANCE OF CONFORMANCE TO NEMA STANDARDS. NO BENCH TEST IS REQUIRED.

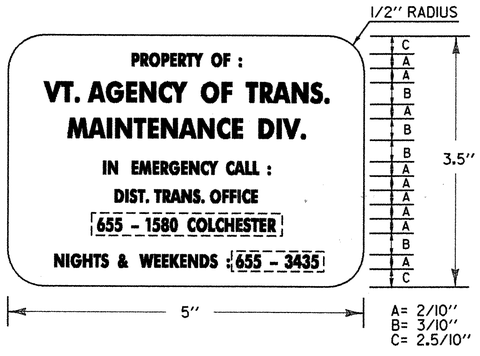
B.) FLASHING BEACON HEADS
MANUFACTURER MODEL, LAMP WATTAGE, WIRING, HOUSING MATERIAL AND COLOR. THE HEADS SHALL MEET ITE STANDARDS.

C.) FLASHER CABINET
SIZE, MANUFACTURER, ACCESSORIES, MATERIALS AND FINISH.

D.) STRAIN POLES, ANCHOR BOLTS
SEE NOTES ON STRAIN POLE DETAIL SHEET.

E.) LUMINAIRE
1.) FIXTURES
a.) voltage rating
b.) wattage and lamp type
c.) ballast type
d.) photo cell
2.) PHOTOMETRIC DATA
a.) IES distribution type
b.) utilization curve
c.) ISO - footcandle curves
d.) maintenance

CONTROLLER IDENTIFICATION PLAQUE



LEGEND: - BLACK (NON - REFL.) - STAMPED PRIOR TO PAINTING
BACKGROUND: - NATURAL ALUMINUM OR BRASS SURFACE

NOTES:

1.) THE PLAQUE SHALL BE MOUNTED ON ALL FLASHING BEACON CABINETS. IT SHALL BE FASTENED TO THE CABINET IN SUCH A MANNER AS TO BE NOT EASILY REMOVED. SUCH AS WELDED, RIVETED OR BOLTED WITH VANDAL PROOF BOLTS.

2.) THE LETTERS SHALL BE PUNCHED, STAMPED, OR ENGRAVED. SUCH STAMPING SHALL PENETRATE AT LEAST 1/2 THE BASE MATERIAL THICKNESS.

3.) THE BASE MATERIAL FOR THE PLAQUE SHALL BE BRASS OR ALUMINUM WITH A MINIMUM THICKNESS OF 0.100 INCHES.

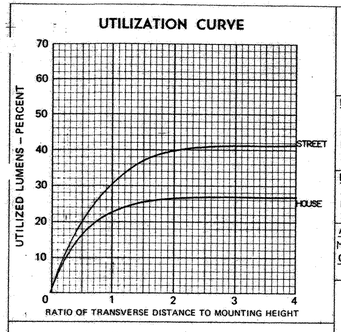
TD115

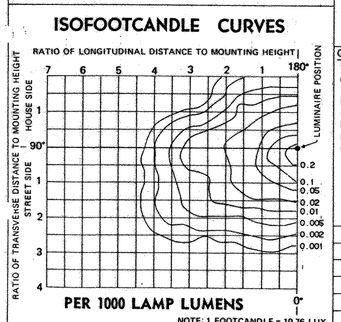
LIST OF MAJOR EQUIPMENT

EQUIPMENT	QUANTITY
STRAIN POLES	1
NEW 12" TRAFFIC SIGNAL HEADS WITH VISORS, DISCONNECT HANGERS & MOUNTING HARDWARE 3-M PROGRAMMABLE - UNMASKED 4-WAY SINGLE SECTION	2
* SOLID STATE FLASHER, DUAL CIRCUIT, W/CABINET	1
LUMINAIRE	1

THE QUANTITIES LISTED ABOVE ARE APPROXIMATE AND ARE FURNISHED FOR INFORMATION ONLY. MISCELLANEOUS (UNLISTED) WIRE, CABLE, HARDWARE ETC., ARE REQUIRED TO PROVIDE FOR A FUNCTIONING FLASHING BEACON SYSTEM.

* SEE NOTES FOR ADDITIONAL CABINET SIZE REQUIREMENTS.





MOUNTING HEIGHT CORRECTION FACTORS FOR OTHER THAN 30 FEET.
USE TABLE BELOW OR FACTOR = $\frac{900}{(\text{ACTUAL MH})^2}$

MOUNTING HEIGHT - FEET	20	25	30	35	40	45	50
FACTOR	2.25	1.44	1.00	0.73	0.56	0.44	0.36

GENERAL ELECTRIC

PHOTOMETRIC DATA

LIGHTING SYSTEMS BUSINESS DEPARTMENT
HENDERSONVILLE, N. C. U.S.A. 28739

PER 1000 LAMP LUMENS

LUMINAIRE
M-250R2 CUTOFF
REFLECTOR 35-232433-03
REFRACTOR FLAT GLASS
SOCKET POSITION 2

LAMP
200 - 250 WATT HPS
LU200 OR LU250
S66 OR S50

ANSI/IES TYPE 1972
MEDIUM CUT-OFF II
CIE TYPE
CUT-OFF



GENERAL INFORMATION

TEST DISTANCE	7.0 METERS
MAX CANDELA	434.9
MAX CONE	70.0
MAX VERTICAL PLANE	92.5/ 267.5
MAX CANDELA AT 90°	0.0
MAX CANDELA AT 80°	16.1
NADIR FOOTCANDLES	0.2673
NADIR CANDELA	240.6

MULTIPLY ALL LUMEN, CANDELA, AND FOOTCANDLE VALUES BY THIS RATIO

RATIO = $\frac{\text{ACTUAL LAMP LUMENS}}{1000}$

PHOTOMETRIC TEST IN ACCORDANCE WITH IES GUIDE

LIGHT FLUX VALUES

	LUMENS	PERCENT OF LAMP
DOWNWARD STREET SIDE	421	42.1
UPWARD STREET SIDE	0	0.0
DOWNWARD HOUSE SIDE	268	26.8
UPWARD HOUSE SIDE	0	0.0
TOTAL	689	68.9

TESTED [illegible] DATE 4-17-85
APPROVED [illegible] DATE 4-24-85
DATE

DRAWING NO. 35-177306 SHEET REVISION

OVERHEAD FLASHING BEACON NOTES

PREPARED BY DSP DATE 06/89
CHECKED BY _____ DATE ____
DESIGN SUPERVISOR _____ DATE ____
PROJ. ADDISON HES 017-1(4)S

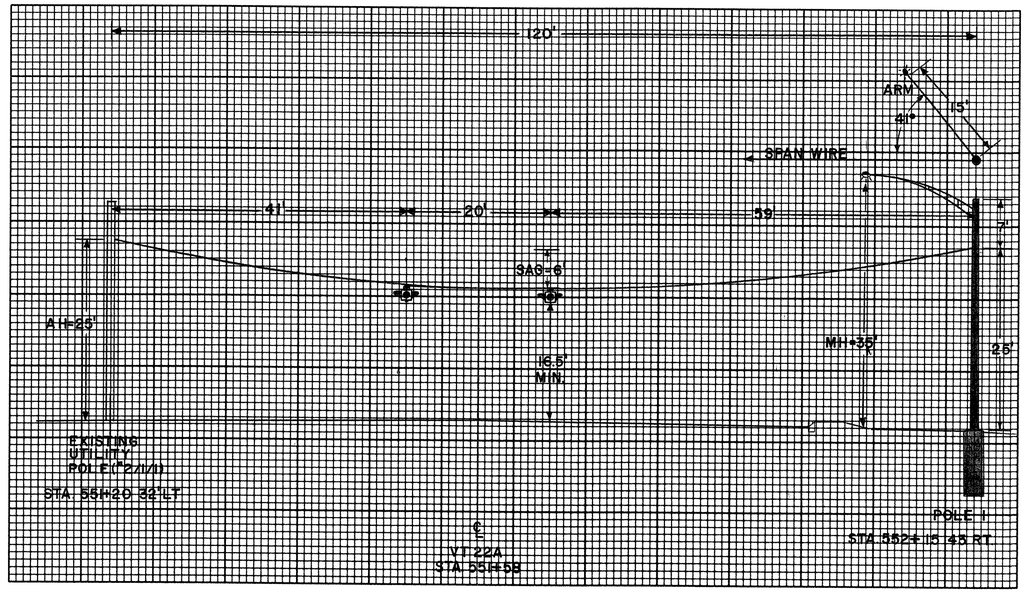
TRAFFIC SHEET NO. ____ OF ____
SHEET 32 OF 42 SHEETS

POLE NO.	POLE LENGTH GAGE & DIAMETER	B.C.	S	T	BASE DEPTH	BASE DIA.	ANCHOR BOLTS	POLE BKRK
1	32'-3GA.-12" ϕ	16"	17"	2"	9'	30"	1-3/4"	4"
	W/15'LUMIN. ARM							

NOTE: ANCHOR BOLTS, BASE PLATE, AND FOOTING DIMENSIONS ARE BASED ON DESIGN POLE DIMENSIONS AND YIELD STRENGTH SHOWN. POLES SUPPLIED OF DIFFERENT SIZE OR STRENGTH MAY REQUIRE CHANGES IN THE DIMENSIONS.
BACKRAKE (BKRK) SHOWN IS AS MEASURED AT THE TOP OF THE POLE.

DESIGN CRITERIA USED:
POLE FY = 48ksi
BASE PLATE FY = 36ksi
ANCHOR BOLTS FY = 55ksi

STRAIN POLE



IF MORE THAN ONE LOCATION SEE SHEET(S) FOR ADDITIONAL DETAILS.

(SEE SHEET(S) 23 FOR LOCATION PLAN)

DEAD LOAD SPAN WIRE TENSION= 1450lb.
LIVE LOAD SPAN WIRE TENSION= 2600lb.
SCALE 1" = 10'

SPAN WIRE CROSS SECTION

GENERAL NOTES

1) ALL MATERIAL AND CONSTRUCTION SHALL CONFORM TO THE STATE OF VERMONT AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AND AASHTO'S STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGN, LUMINAIRES AND TRAFFIC SIGNALS, 1985. SEE SPECIFICATION BOOK FOR REVISED ALLOWABLE BENDING STRESS.

2) TRAFFIC CONTROL SIGNAL STRAIN POLES SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 752.02, STRAIN POLES AND SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH SECTION 678 - TRAFFIC CONTROL SIGNALS.

3) STEEL POLE CAPS SHALL BE PROVIDED WITH A 2-INCH BUSHED (BLIND) ELECTRICAL ENTRANCE WHEN APPLICABLE. STRAIN POLES SHALL BE PROVIDED WITH A 2-INCH (BLIND) HALF COUPLING FOR SIGNAL CABLE, LOCATED 6 INCHES BELOW THE SPANWIRE ATTACHMENT HEIGHT.

4) FOUR STAINLESS STEEL ANCHOR BOLTS WITH TWO HEXAGON NUTS PER BOLT SHALL BE FURNISHED WITH EACH POLE. ANCHOR BOLTS AND WASHERS SHALL BE AN AUSTENITIC GRADE OF STAINLESS STEEL CONFORMING TO THE CHEMISTRY OF ASTM A276 TYPE 304 WITH THE FOLLOWING PHYSICAL PROPERTIES:

(A) TENSILE STRENGTH, MINIMUM	80,000 psi
(B) YIELD STRENGTH, MINIMUM	55,000 psi
(C) ELONGATION IN 2 INCHES, MINIMUM	25%
(D) ROCKWELL B HARDNESS, MINIMUM	86
OR CHARPY V-NOTCH (AASHTO T243 USING H FREQUENCY OF TESTING),	15 ft.-lbs. @ 40° F

NUTS FOR THE ANCHOR BOLTS SHALL BE THE HEAVY HEX TYPE CONFORMING TO THE REQUIREMENTS OF ASTM A-194 GRADE 8

5) BOLTS AND BASES SHALL BE OF ADEQUATE SIZE TO RESIST THE FULL BENDING MOMENT OF THE POLE AT YIELD STRENGTH STRESS.

6) ADDITIONAL DESIGN CRITERIA:
CONCRETE - fc = 1,400 P.S.I. f'c = 3,500 P.S.I.
WIND LOAD - 25 LBS PER SQUARE FOOT (MIN.) ON THE EXPOSED POLE SURFACE.
REINFORCING STEEL fs=24,000 psi (GRADE 60)

7) CONCRETE FOR FOOTINGS SHALL CONFORM TO REQUIREMENTS OF CONCRETE CLASS 'B' SECTION 501. STRUCTURAL CONCRETE.

8) BACKFILL MATERIAL PLACED ADJACENT TO THE FOOTINGS SHALL MEET THE REQUIREMENTS FOR GRANULAR BACKFILL FOR STRUCTURES. SUBSECTION 704.08.

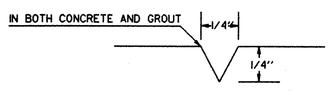
9) WHEN THE DESIGN DEPTH OF A FOOTING CANNOT BE OBTAINED DUE TO UNFORESEEN FIELD CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND OBTAIN A REVISED FOOTING DETAIL FROM THE ENGINEER.

10) EACH METAL POLE SUPPORTING EITHER VEHICLE OR PEDESTRIAN TRAFFIC SIGNAL SHALL BE GROUNDED. RESISTANCE OF MADE ELECTRODES. A SINGLE ELECTRODE CONSISTING OF A GROUND ROD WHICH DOES NOT HAVE A RESISTANCE TO GROUND OF 25 OHMS OR LESS SHALL BE AUGMENTED BY AT LEAST ONE ADDITIONAL ELECTRODE. THEY SHALL BE AT LEAST 6 FEET APART.

11) STRAIN POLE BASE PLATES SHALL BE STAMPED WITH POLE DIAMETER, HEIGHT, YIELD STRENGTH, AND GAGE. ALTERNATELY, THE INFORMATION MAY BE STAMPED ON A METAL TAG ATTACHED TO THE POLE NEAR THE HANDHOLE.

12) ALL DESIGN DETAILS, WORKMANSHIP, PROCEDURES AND INSPECTION OF WELDING SHALL CONFORM TO THE REQUIREMENTS OF THE AWS D.1.1.- 80 AS MODIFIED BY THE LATEST EDITION OF AASHTO STANDARD STEEL SPECIFICATIONS FOR WELDING OF STRUCTURAL HIGHWAY BRIDGES . THE SHEILDED METAL ARC WELDING (SMAW) OR SUBMERGED ARC WELDING (SAW) PROCESSES SHALL BE USED FOR ALL WELDING UNLESS OTHER PROCESSES ARE APPROVED, ON A PROJECT BY PROJECT BASIS, FROM ACCEPTABLE RESULTS OF PROCEDURE QUALIFICATION TESTS. WHERE WELDMENTS ARE TO BE GALVANIZED AFTER WELDING, A TYPE OF FILLER METAL WHICH WILL DEPOSIT WELD METAL WITH A SILICON CONTENT LESS THAN 0.4 PERCENT SHALL BE USED. ALL WELDS SHALL BE AT LEAST AS STRONG AS THE MATERIAL(S) BEING WELDED.

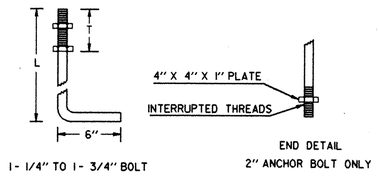
13) IN ACCORDANCE WITH SUBSECTION 105.03, SHOP DRAWINGS (6 COPIES OF EACH; 1- TRAFFIC & SAFETY, 1 - PRIME CONTR. ,1 - SUB CONTR. , 3 - CONST.) SHALL BE SUBMITTED TO THE VERMONT AGENCY OF TRANSPORTATION FOR APPROVAL PRIOR TO FABRICATION. THE SUBMITTAL SHALL INCLUDE THE FOLLOWING INFORMATION :
A) DETAILED DRAWING OF EACH COMPONENT OF THE STRAIN POLE.
B) MATERIAL SPECIFICATIONS FOR EACH COMPONENT OF THE STRAIN POLE BY COMPLETE SPECIFICATIONS OR BY REFERENCE TO APPLICABLE ASTM STANDARDS.
C) NOTATION OF PROJECT NAME, PROJECT NUMBER, ROUTE NUMBER, AND STRAIN POLE STATIONING. (TO BE INCLUDED ON EACH SHEET INCLUDING STANDARD SHEETS AND SPECIFICATION SHEETS).
D) DETAILS FOR LOCATION OF LUMINAIRE ARM(S) ON STRAIN POLE(S).
E) ALL ELEVATIONS AND DIMENSIONS NECESSARY TO PROVIDE A COMPLETE SET OF RECORD PLANS. [POLE HEIGHT, SPAN WIRE ATTACHMENT HEIGHT, POLE DIAMETER (TOP AND BOTTOM), POLE GAGE, HANDHOLE (SIZE AND LOCATION), BASE PLATE, BOLT CIRCLE, ANCHOR BOLT SIZE]
F) POLE BASE STAMPING DETAIL.
G) DEAD LOAD DEFLECTION INFORMATION.
H) WELDING DETAILS AND PROCEDURES ARE REQUIRED FOR ALL WELDS. PROCEDURES SHALL BE SUBMITTED FOR APPROVAL WITH REFERENCE TO EACH WELD IDENTIFIED ON THE SHOP DRAWINGS.(SEE SUBSECTION 506.10) THE FOLLOWING INFORMATION WILL BE REQUIRED FOR ALL WELDED JOINTS (ALUMINUM OR STEEL);
(a) PROCEDURE SPECIFICATIONS PER AWS D1.1 APPENDIX E FORM E1
(b) PROCESS AND PROCEDURE QUALIFICATION TESTS PER AWS D1.1 APPENDIX E FORM E2
(c) CERTIFICATE OF CONFORMANCE TO SPECIFICATIONS FOR FILLER MATERIAL. WHEN USING ANY GMAW OR FCAW WELDING PROCESS (WITH PRIOR APPROVAL AS NOTED ABOVE), THE FOLLOWING WILL ALSO BE REQUIRED: A MANUFACTURER'S CERTIFICATE THAT THE GAS OR GAS MIXTURE IS SUITABLE FOR THE INTENDED APPLICATION AND MEETS THE DEW POINT REQUIREMENTS. REFERENCE-ASSHTO MODIFICATION OF AWS D1.1 SEC. 4.18



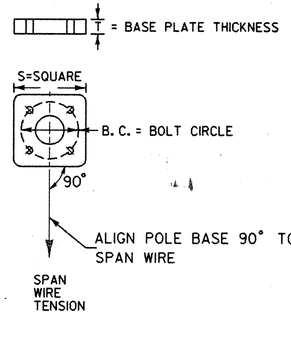
USED FOR CONDUIT LOCATION, SEE AT RIGHT "SECTION" DETAIL.

2" SCORE MARK DETAIL

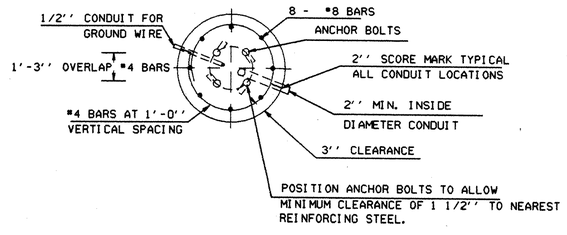
ANCHOR BOLT DETAIL		
SIZE	L	T
1-1/4" X 48"	42	8
1-1/2" X 60"	54	9
1-3/4" X 90"	84	9
2" X 96"	96	9



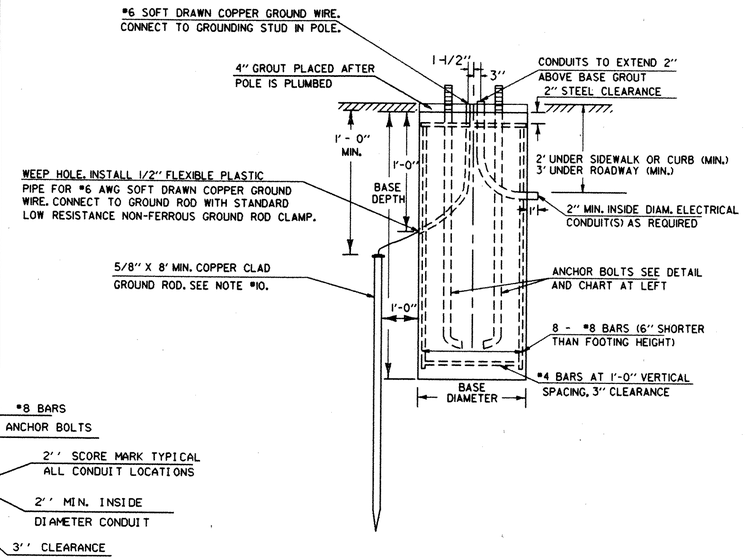
ANCHOR BOLT DETAIL



BASE PLATE DETAIL



SECTION



ELEVATION

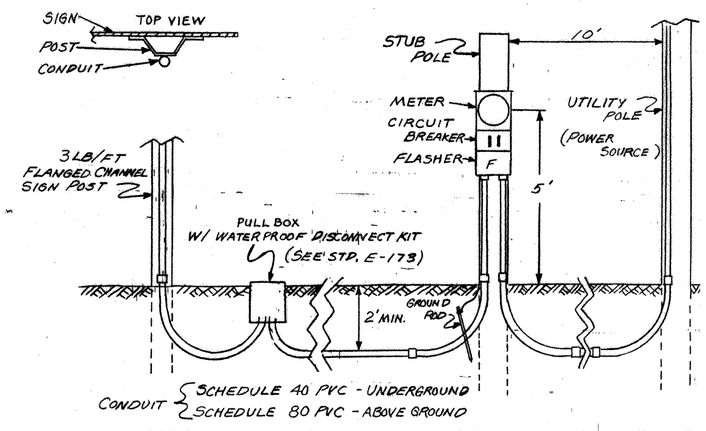
STRAIN POLE FOOTING

STRAIN POLE/FOOTING DETAIL SHEET

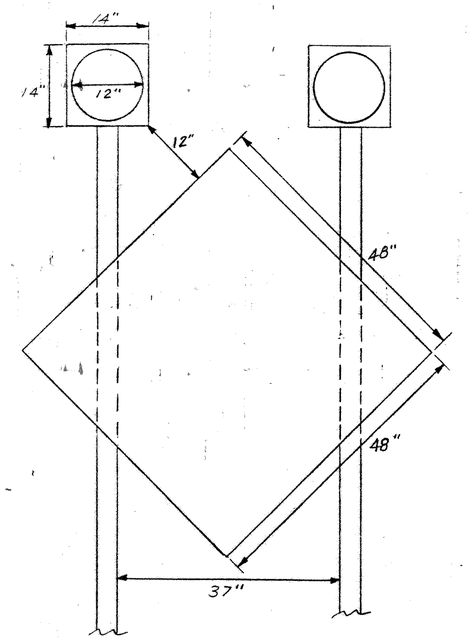
TDII2

PREPARED BY DSP DATE 06/89
CHECKED BY _____ DATE ____
DESIGN SUPERVISOR DAR DATE ____
PROJ. ADDISON
HES 017-1(4)S
TRAFFIC SHEET NO. ____ OF ____
SHEET 33 OF 47 SHEETS

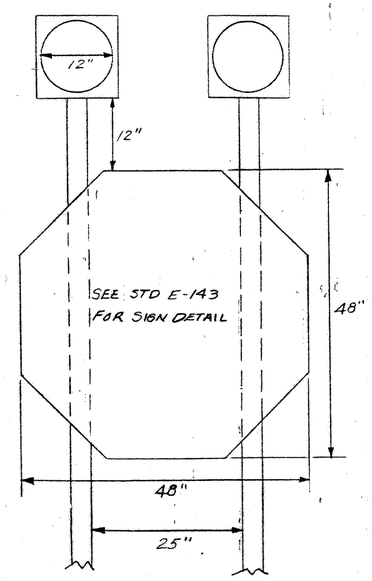
TYPICAL FLASHING BEACON INSTALLATION ON SIGN POST



FLASHING BEACONS ON WARNING SIGNS



FLASHING BEACONS ON STOP SIGNS



FLASHING BEACON (MODIFIED) NOTES

THESE NOTES APPLY TO THE FLASHING BEACON UNITS WHICH ARE ATTACHED TO THE STOP AND STOP AHEAD SIGNS AND WHICH ARE BID AS THE MODIFIED ITEM, EACH.

1.) ALL FLASHING BEACON HEADS SHALL BE 12" DIAMETER, HEAVY DUTY ALUMINUM AND MOUNTED ON FLANGED CHANNEL SIGN POSTS AS DETAILED ON THE SIGN DETAIL SHEET. THE PLACEMENT OF CONDUIT ON THE BACK OF THE SIGN AND POSTS FOR THE DOUBLE BEACON SYSTEM IS DETAILED ON STANDARD E-109. THE CONDUIT SHALL BE ATTACHED TO THE SIGN POST FARTHEST AWAY FROM THE ROADWAY.

2.) THE FLASHER UNITS FOR THE SIGNS AT THE FOLLOWING LOCATIONS SHALL BE HOUSED IN ONE COMMON CABINET WHICH SHALL ALSO CONTAIN THE FLASHER UNIT FOR THE OVER HEAD BEACON SYSTEM. THIS CABINET IS TO BE MOUNTED ON STRAIN POLE #1.

a.) STOP SIGN @ 10+65 LT (VT17 WEST)

b.) STOP AHEAD SIGN @ 15+20 LT (VT17 WEST)

c.) STOP SIGN @ 10+40 LT (VT17 EAST)

THE POWER SOURCE FOR THE FLASHERS FOR THE SIGNS NOTED ABOVE AND THE OVERHEAD FLASHING BEACON SYSTEM IS OUTLINED UNDER THE OVERHEAD FLASHING BEACON NOTES. EACH SIGN SHALL BE PROVIDED WITH A SEPARATE SINGLE OR DUAL POLE (CIRCUIT) FLASHER UNIT, AS IS APPROPRIATE. THE ELECTRICAL WIRING FOR EACH SIGN SHALL BE RUN IN 1½" DIAMETER PVC CONDUIT AS SHOWN ON THE PLANS. A PULLBOX SHALL BE PROVIDED AT EACH SIGN LOCATION. AN INTERMEDIATE PULL BOX WILL BE REQUIRED BETWEEN THE INTERSECTION AND THE STOP AHEAD SIGN AT STATION 15+20 LT. A SIX INCH WIDE YELLOW PLASTIC MARKING TAPE SHALL BE PLACED IN THE EXCAVATED TRENCH 6 TO 12 INCHES BELOW THE FINISHED GRADE FOR ALL CONDUIT RUNS. PAYMENT SUBSIDIARY TO THE CONDUIT.

3.) THE POWER SOURCE FOR THE STOP AHEAD SIGN AT STATION 18+25 LT (VT17 EAST) SHALL BE FROM C.T.C.-VT POLE MARKED AS 2/7712 AND 2-2. THE INSTALLATION SHALL BE AS SHOWN ON THE BEACON INSTALLATION DETAIL. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT THE UTILITY COMPANY TO PROVIDE FOR THE POWER HOOK-UP. THE CONTRACTOR SHALL PROVIDE TO THE UTILITY COMPANY THE WEATHERHEAD, WIRE AND POLE RISER (CONDUIT) THAT RUNS UP THE UTILITY POLE. THE UTILITY COMPANY SHALL PROVIDE THE ATTACHMENT BRACKETS OR STAND OFFS AND SHALL INSTALL THE CONDUIT ON THE POLE. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL THE EQUIPMENT SHOWN ON THE FLASHING BEACON TYPICAL EXCEPT THE METER ITSELF. THE DISCONNECT BOX (100 AMP MINIMUM) SHALL BE SECURED WITH A MASTER #3220 PAD LOCK. THE COST OF THE POLE RISERS, WEATHER HEAD, METER BASE, DISCONNECT BOX AND LOCK, FLASHER UNIT, STUB POLE AND CONDUIT WHICH RUNS ABOVE GROUND ON THE STUB POLE AND SIGN POST(S) AND RELATED INCIDENTALS SHALL BE CONSIDERED A PART OF THE FLASHING BEACON (MODIFIED) UNIT BID PRICE. THE UNDERGROUND CONDUIT AND PULLBOX(ES) SHALL BE PAID SEPERATELY UNDER THE APPROPRIATE ITEM. CARE SHALL BE TAKEN IN THE PLACEMENT OF THE CONDUIT, PULL BOXES AND STUB POLES SO AS TO NOT BLOCK DRIVES, FIELD DRIVES AND TO CAUSE AS LITTLE INTERFERENCE AS POSSIBLE WITH MOWING OPERATION. ALL MATERIAL REMOVED FOR THE PLACEMENT OF CONDUIT SHALL BE REPLACED WITH LIKE MATERIAL AND SHALL BE PROPERLY COMPACTED, PARTICULARLY IN SHOULDER AND DRIVE AREAS. WHEN CONDUIT IS PLACED IN A GRASSED AREA THE EXCAVATION SHALL BE TOPPED WITH 2 INCHES OF TOP SOIL AND SEEDED. COST OF THIS WORK SHALL BE SUBSIDIARY TO THE CONDUIT TIEM.

4.) THE STOP AHEAD SIGN FLASHING BEACONS SHALL BE YELLOW AND SHALL FLASH ALTERNATELY

5.) THE STOP SIGN FLASHING BEACONS SHALL BE RED AND SHALL FLASH SIMULTAINOUSLY.

6.) THE PULL BOXES SHOULD BE PLACED AS CLOSE TO THE SIGN AS POSSIBLE. THE WIRING CONNECTIONS WITHIN THE PULLBOX SHALL BE MADE USING WATER PROOF DISCONNECT KITS.

7.) ALL FLASHER UNITS SHALL BE EQUIPPED WITH RADIO INTERFERENCE FILTERS OR SHALL BE OF SUCH A DESIGN AS TO MAKE THEM UNNECESSARY.

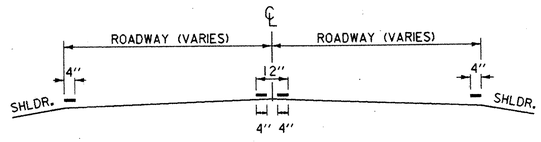
8.) THE COST OF THE SIGNS AND SIGN POSTS USED WITH THE FLASHING BEACON (MODIFIED) ITEM SHALL BE PAID UNDER THE APPROPRIATE SIGN OR POST ITEM.

DATUM
VERTICAL _____
HORIZONTAL _____

FLASHING BEACON (MODIFIED) NOTES & DETAILS

SURVEYED BY _____ DATE _____
DRAWN BY DSP DATE 06/89
SQUAD LEADER _____
DESIGN FILE NO. _____ DATE PLOTTED _____
PROJ. NAME ADDISON
PROJ. NO. HES 017-1(4)S
SHEET 34 OF 47 SHEETS

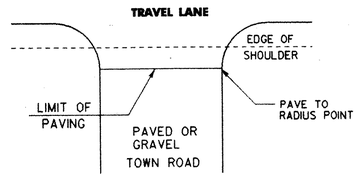
BRUNING 44-232 74357



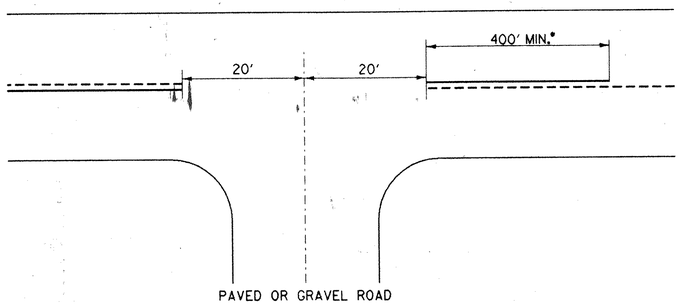
PAVEMENT MARKING PLACEMENT DETAIL

TRAFFIC NOTES

NOT TO SCALE



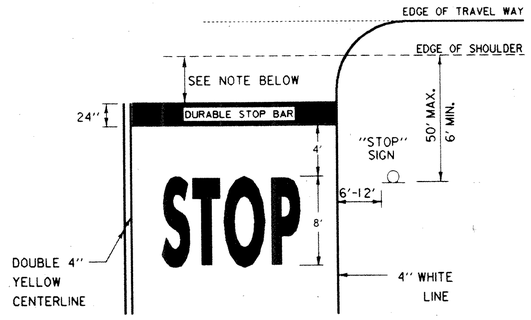
PAVING LIMITS FOR TOWN ROADS



A SOLID LINE IN THE DIRECTION OF TRAVEL IS BEGUN AT A LOCATION 400 FEET IN ADVANCE OF THE INTERSECTION. THE DISTANCE IS MEASURED FROM A POINT 20 FEET IN ADVANCE OF THE CENTERLINE OF THE INTERSECTING ROADWAY.

• CENTERLINE TREATMENT SHALL CONSIST OF A MINIMUM OF 400 FEET OF SOLID LINE IN ADVANCE OF THE INTERSECTION AND SHALL BE PAIRED WITH EITHER A SOLID OR DASHED LINE DEPENDING ON SIGHT DISTANCE AVAILABILITY IN THE OPPOSING LANE.

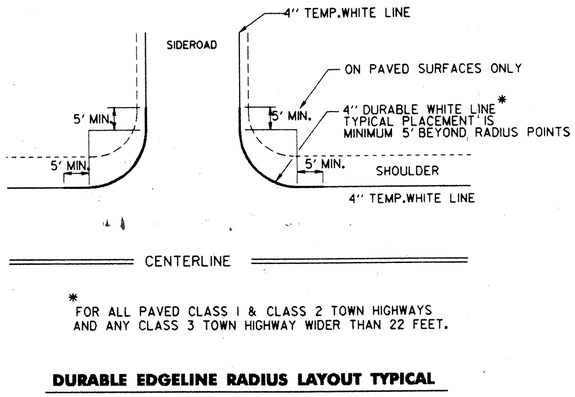
APPROACH TO A SIDE ROAD INTERSECTION



THE "DESIRED STOPPING POINT" IS THE LOCATION BASED ON SITE CONDITIONS THAT BEST ALLOWS THE STOPPED VEHICLE TO VIEW THE APPROACHING TRAFFIC , IN NO CASE MORE THAN 30 FEET OR LESS THAN 4 FEET FROM THE NEAREST EDGE OF THE INTERSECTING ROADWAY.

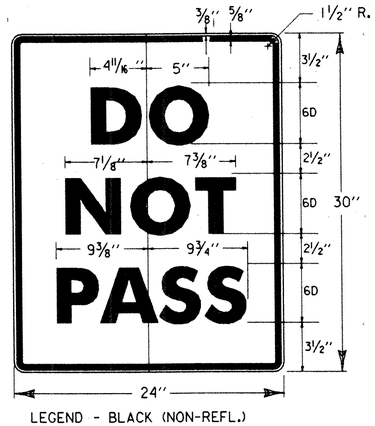
PAVEMENT MARKING DETAILS

(SEE TRAFFIC NOTE "F")



* FOR ALL PAVED CLASS 1 & CLASS 2 TOWN HIGHWAYS AND ANY CLASS 3 TOWN HIGHWAY WIDER THAN 22 FEET.

DURABLE EDGELINE RADIUS LAYOUT TYPICAL



LEGEND - BLACK (NON-REFL.)
BACKGROUND - ORANGE (ENCAPSULATED LENS)
SEE NOTE * C SIGN DETAIL

GUIDELINES FOR MINIMUM INTERIM PAVEMENT MARKINGS FOR CONSTRUCTION ZONES

A. DEFINITION - INTERIM MARKINGS ARE MARKINGS THAT ARE PLACED PRIOR TO THE APPLICATION OF FINAL PAVEMENT MARKINGS ON THE WEARING COURSE AS SPECIFIED IN THE PROJECT PLANS. THE COST ASSOCIATED WITH THE INTERIM MARKINGS INCLUDING MATERIAL COST, PLACEMENT COSTS, AND REMOVAL COSTS SHALL BE SUBSIDIARY TO THE SPECIFIED FINAL PAVEMENT MARKINGS.

B. INTERIM MARKINGS SHALL CONSIST OF TAPE, OR, TEMPORARY RAISED PAVEMENT MARKERS (RPM'S).

THE TAPE SHALL BE OF A TYPE EASILY REMOVED IF PLACED ON THE FINAL PAVEMENT SURFACE. INTERIM TAPE MARKINGS OR RPM'S WILL BE OFFSET AND REMOVED IMMEDIATELY UPON APPLICATION OF THE SPECIFIED FINAL MARKINGS AND SHALL BE APPLIED AS DESCRIBED BELOW.

STATEMENTS A OR B PERTAIN TO THE PAVEMENT MARKINGS PLACED ON THE WEARING COURSE. MARKINGS PLACED ON THE BASE COURSE OR VARIOUS LIFTS OF PAVEMENT MAY CONSIST OF TAPE, PAINT OR RPM'S. IF TAPE IS USED, IT SHALL THE TYPE THAT CAN BE PAVED OVER OR A TYPE EASILY REMOVED. IF RPM'S ARE USED, PAYMENT SHALL BE THE LINEAR RATE AS IF A SOLID LINE WAS APPLIED.

C. CENTERLINE AND GORE AREA MARKINGS SHALL BE APPLIED AT THE END OF EACH WORKING DAY. THE FOLLOWING LAYOUT REQUIREMENTS SHALL BE MET:

NO PASSING ZONE
-SOLID STRIPES- DOUBLE YELLOW REMOVABLE PAVEMENT MARKING TAPE LINES SPACED 4" APART.
OR
-RAISED PAVEMENT MARKERS- IN NO CASE SHALL TEMPORARY RAISED PAVEMENT MARKERS BE USED FOR MORE THAN THREE CALENDAR DAYS BEFORE THE APPLICATION OF THE SPECIFIED FINAL MARKINGS.

RAISED PAVEMENT MARKERS (REMOVABLE) WHEN USED, SHALL BE PLACED ON 5'CENTERS WITH EVERY 4TH MARKER BEING REFLECTORIZED. THE RAISED PAVEMENT MARKINGS SHALL BE SUPPLEMENTED WITH BLACK ON ORANGE "DO NOT PASS" SIGNS PLACED AT THE BEGINNING OF THE NO PASSING ZONE AND EVERY 1000' THEREAFTER THROUGHOUT THE NO PASSING ZONE. ALL TEMPORARY RAISED PAVEMENT MARKERS SHALL BE REMOVED IMMEDIATELY UPON PLACEMENT OF THE SPECIFIED FINAL MARKINGS, ALL COSTS ASSOCIATED WITH "DO NOT PASS" SIGNS AND THEIR INSTALLATION SHALL BE SUBSIDIARY TO THE SPECIFIED FINAL PAVEMENT MARKINGS.

DASHED LINE
-10-FOOT SOLID LINE WITH 30-FOOT GAP.
OR
FOR MARKINGS TO BE USED FOR THREE DAYS OR LESS
-4 FOOT SOLID LINE WITH 36 FOOT GAP TO BE REMOVED IMMEDIATELY UPON THE APPLICATION OF THE SPECIFIED FINAL MARKINGS.
OR
-4 RETRO-REFLECTIVE RPM'S ON THREE FOOT CENTERS WITH A 30 FOOT GAP TO BE REMOVED IMMEDIATELY UPON THE APPLICATION OF THE SPECIFIED FINAL MARKINGS.

GORE AREAS
GORE AREAS TO INCLUDE 8" CHANNELIZING LINE AND 4" DASHED LINE.
SEE STANDARD E-191.

D. EDGE LINES
UNLESS SPECIFIED, FINAL EDGE LINES ARE NOT REQUIRED UNTIL COMPLETION OF THE PROJECT. EDGE LINES HOWEVER SHOULD BE APPLIED AT THE END OF THE DAY. WHERE TRAFFIC VOLUMES ARE HIGH AND/OR A DELAY OF SEVERAL DAYS IS ANTICIPATED. IN THESE INSTANCES, TAPE, PAINT OR RPM'S CAN BE USED AS THE MARKING. MATERIAL QUANTITIES ARE TO BE PAID UNDER THE APPROPRIATE BID ITEM FOR TEMPORARY LINES. RPM'S SHOULD BE RETRO-REFLECTIVE TEMPORARY MARKERS ON A 5' SPACING PATTERN AND THE SAME COLOR AS THE LINE THEY ARE SUBSTITUTING FOR.

E. PRIOR TO ACCEPTANCE, THE PAVEMENT MARKINGS SHALL BE COMPLETED FOR THE ENTIRE PROJECT BY THE CONTRACTOR AS DETAILED ON THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER.

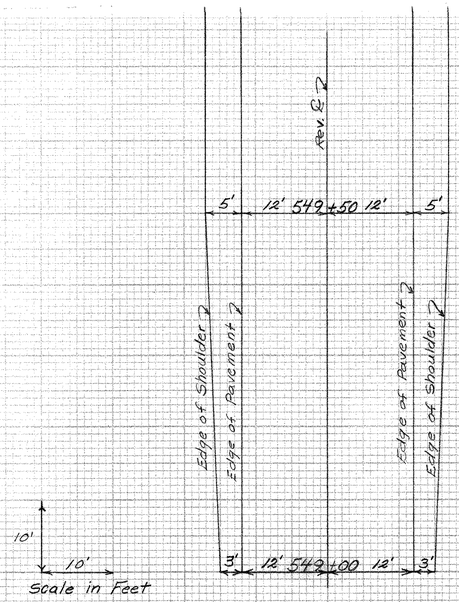
F. THE DURABLE STOP BAR SHALL BE APPLIED AT ALL SIDEROAD LOCATIONS, BUT THE DURABLE "STOP" MARKINGS ARE TO BE APPLIED ONLY ON PAVED SIDEROADS OR AS DIRECTED BY THE RESIDENT ENGINEER.

MASHMA.DGN

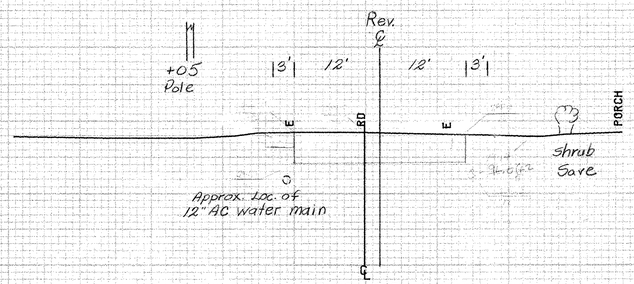
REVISIONS

DELETED DRIVE DETAIL
REVISED STOPBAR - CL
07/11/89
NOTES CHANGED, SIGN ADDED
10/03/89 DAR

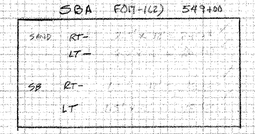
SURVEYED BY _____ DATE _____
DRAWN BY _____ DATE _____
SQUAD LEADER _____
DESIGN FILE NO. _____ DATE PLOTTED _____
PROJ. NAME Addison
PROJ. NO. HES 017-1(4)S
SHEET 35 OF 47 SHEETS



Pavement & Shoulder Transition Detail



549+00
Begin Approach



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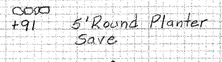

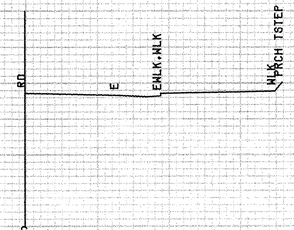

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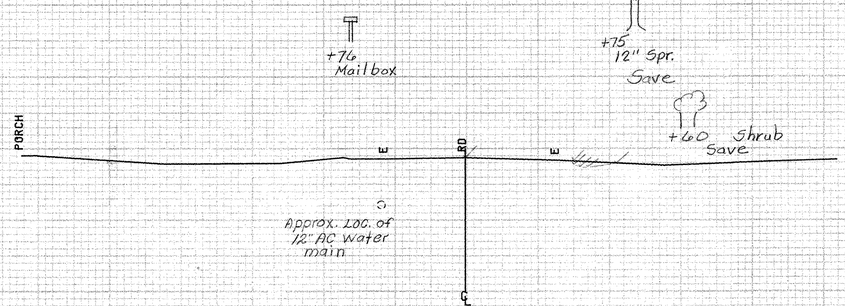
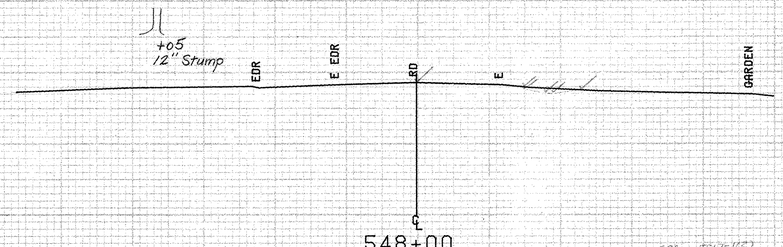


548+83

548+50

280



548+00

280

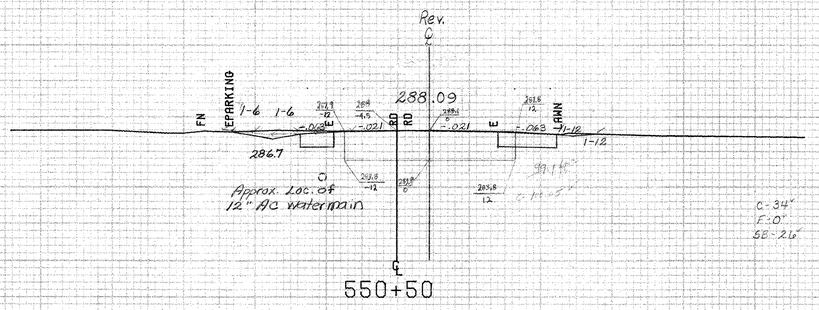
SHEET 467 OF 477

FROM STA.	548+00	TO STA.	549+00
PROJECT NAME	ADDISON VT22A		
NO.	HES017-1(4)S	PLOTTED	11/29/84
SURVEYED BY	FANTONI		SEPT 1984
SHEET 37	OF 47 SHEETS		

SCALE 10 FEET

HES 017-1(4)S

LT		RT	
-12	285.9	18	285.9
-18	285.7	9.5	285.8
-18	287.2	9.5	287.9
-23	287.2	18	287.3
-25	287.6		
-27	287.8		
-21	288		
-12	287.9		



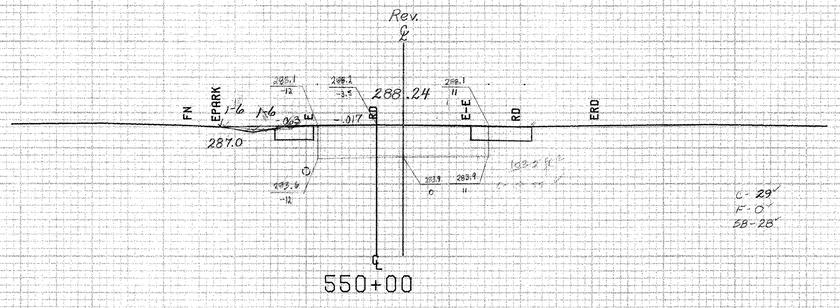
SBA F017-1(2)

SB	RT
	LT
SAND	RT
	LT

280

C-34'
F:0'
SB-26'

LT		RT	
-12.5	286.1	17	288
-18	286	9.5	286.1
-18	287.4	9.5	288.1
-21	287.4	17	288
-25	288		
-12.5	288.1		



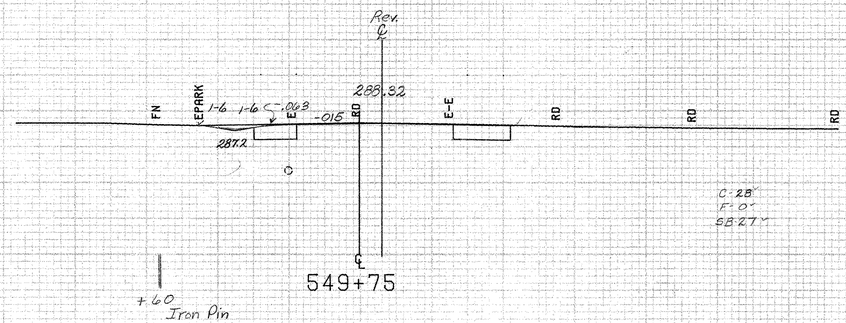
SBA F017-1(2)

SB	RT
	LT
SAND	RT
	LT

280

C-29'
F:0'
SB-28'

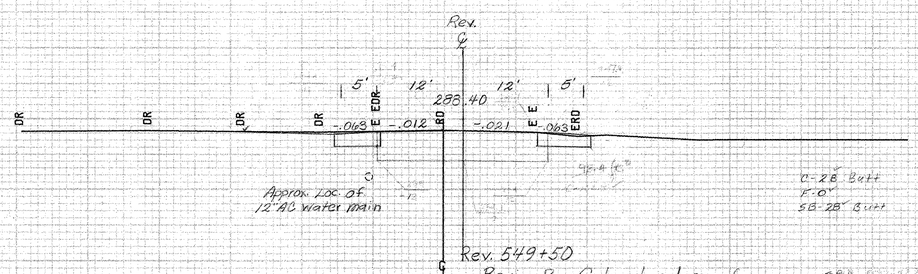
LT		RT	
-12	286.1	18	285.9
-18	285.9	10	286.1
-18	288	10	288.1
-12	288.1	18	288



C-28'
F:0'
SB-27'

280

LT		RT	
-11.5	286.1	18	286.0
-16	286.0	10.5	286.1
-18	288.0		288.1
-11.5	288.2	14	287.7
		18	287.8



SBA F017-1(2) 549+50

SB	RT
	LT
SAND	RT
	LT

280

C-28' Batt
F:0'
SB-28' Batt

HES. 017-1(4)S

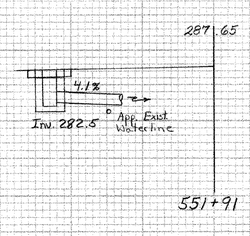
Rev. 549+50 Begin Box Cuts at edges of Existing Pavement

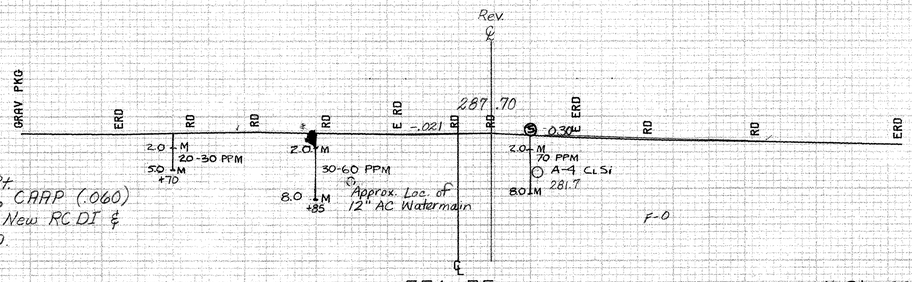
Rev. 549+50
End Approach
Begin Project
HES 017-1(4)S

SHEET 468 OF 477

FROM STA.	549+50	TO STA.	550+50
PROJECT NAME	ADDISON VT22A		
NO.	HES017-1(4)S	PLOTTED	11/29/84
SURVEYED BY	FANTONI		SEPT 1984
SHEET 38	OF 47 SHEETS		

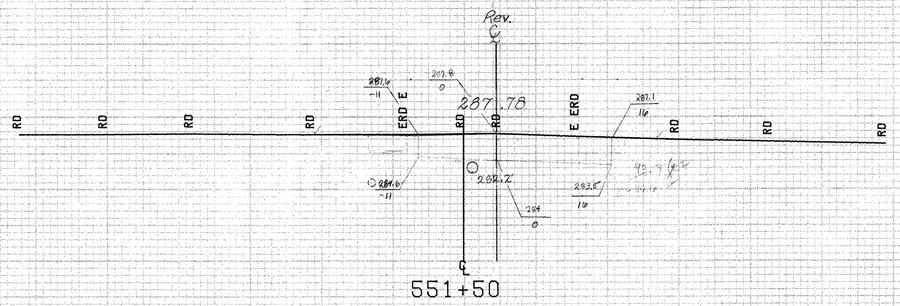
SCALE 10 FEET

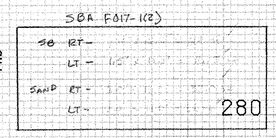


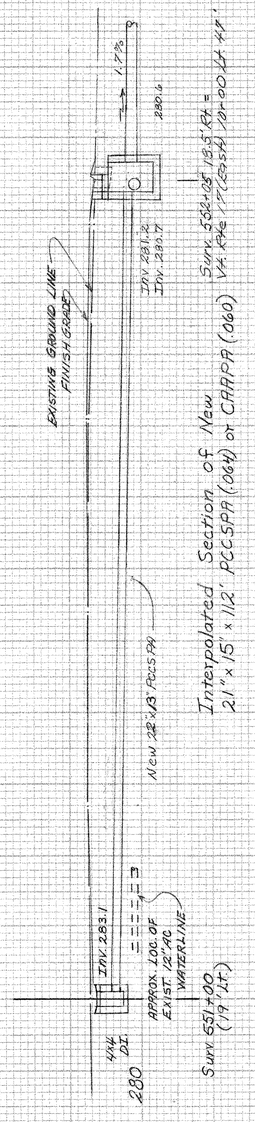


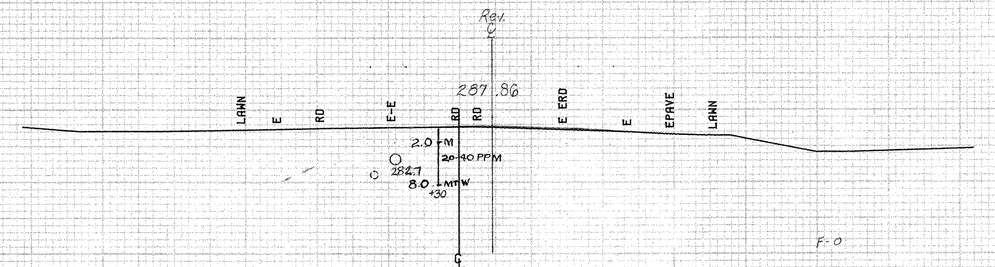
Rev. 551+90 Lt ~ 552+05 Rt.
New 18" x 42' PCCSP (.064), CAAP (.060) or RCP, Class III Option "A" New RC DI & C.I. Grate "A" Frame, Type D.

Vt. Rte. 22A Surv. P.T. 551+58.44 =
Vt. Rte. 17 (west) P.O.T. 10+00.00 =
Vt. Rte. 17 (east) P.O.T. 9+76.76

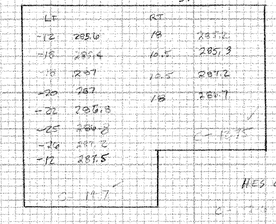


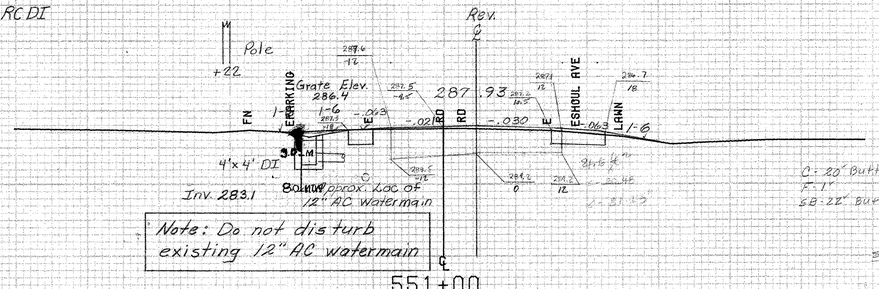


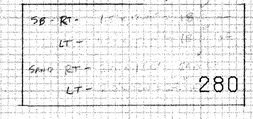




Rev. 551+00 Lt. ~ 552+05 Rt.
New 21" x 15" x 112' PCCSPA (.064) or CAAPA (.060) Option "A" New RC DI & C.I. Grate "A" Frame, Type D





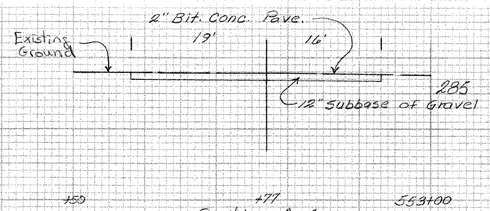


Rev. 551+00
End Box Cut at edges of Exist. Pavement

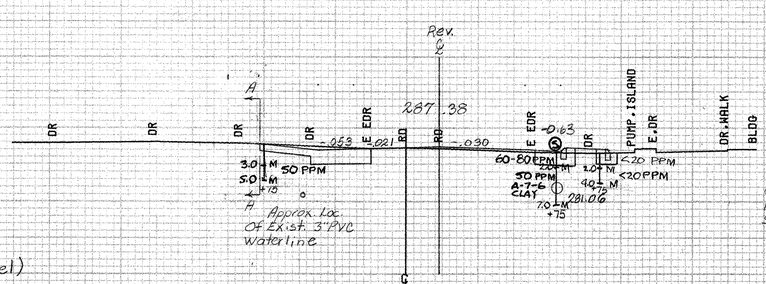
SHEET 469 OF 477

FROM STA.	551+00	TO STA.	551+75
PROJECT NAME	ADDISON VT22A		
NO.	HES017-1(4)S	PLOTTED	11/29/84
SURVEYED BY	FANTONI		SEPT 1984
SHEET 39 OF 40 SHEETS			

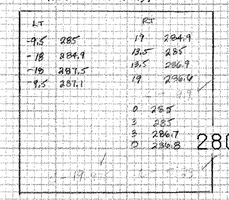
SCALE 10 FEET



Section A-A



552+77



C-3750'
F-2°
SD-3°

Rev. 552+75 Lt.
Construct Drive 40' Wide (Gravel)

Rev. 552+53 Lt.
End Durable 12" Yellow Lines (Painted Island)

HES 017-1(4)S

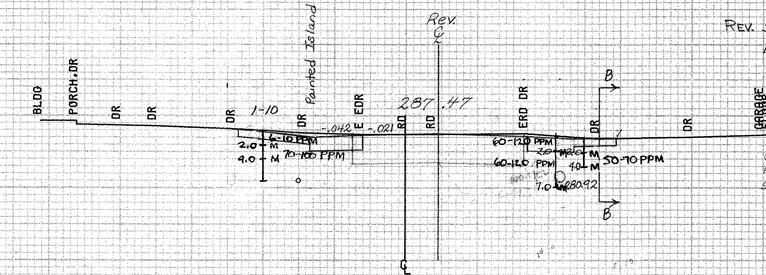
LT		RT	
-10.5	285.2	19	284.9
-18	285	12	285
-18	287.7	12	287.0
-10.5	287.3	19	287.1

F017-1(2)

ELEMENT	SLOPE
12	283.2
0	283.5
-12	283.2
-12	287.4
0	287.5
12	287.6

F017-1(2)

SB	RT –
	LT –
SAND	RT –
	LT –



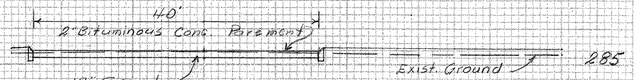
552+50

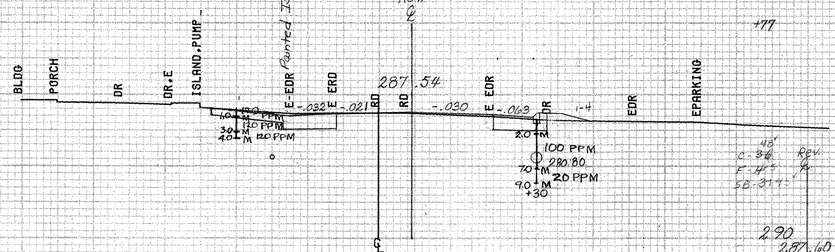
Rev. 552+73 Rt.
Begin Cast-in-Place Cement Concrete Curb, Type A (Island)

C-3962'
F-1'
SD-3°45'

280

Rev. 552+54 Rt.
Construct Drive (40' wide - Paved)

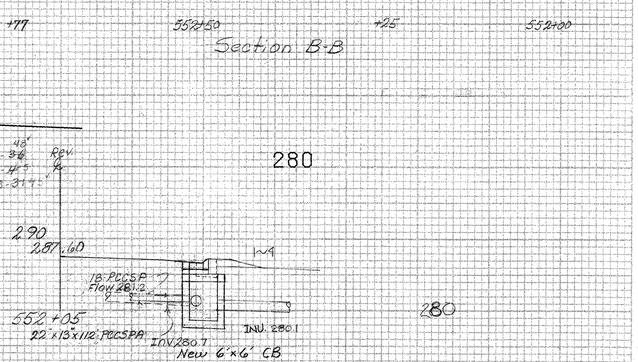


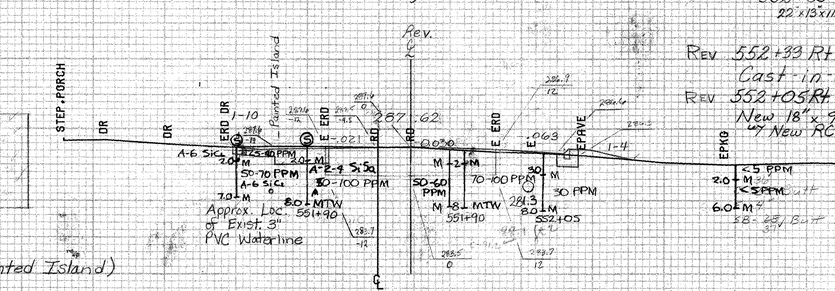


552+25

Rev. 552+15
Begin Box Cut at edge of exist. Pave.

Section B-B





552+00

Rev. 552+33 Rt ~ Vt. 17 East 10+50 Lt.
Cast-in-Place Cement Concrete Curb, Type A
Rev. 552+05 Rt ~ 553+01 Rt.
New 18" x 94' PCCSP (.064), CMAP (0.060) or RCP (III) OPTION
w/ New RCDI & CI Grate w/ Frame, Type D

280

Rev. 551+91 Lt
Begin Durable 12" Yellow Lines (Painted Island)

HES 017-1(4)S

LT		RT	
-11.5	285.2	285	284.8
-19	285	285	284.8
-19	287.6	285	286.6
-11.5	287.6	285	286.3

C-1375'

F017-1(2)

SB	LT –
	LT –
SAND	RT –
	LT –

Ends 2-11-92 cdp

SHEET 470 OF 477

FROM STA.	552+00	TO STA.	552+77
PROJECT NAME	ADDISON VT22A		
NO.	HES017-1(4)S	PLOTTED	11/29/84
SURVEYED BY	FANTONI		SEPT 1984
SHEET 80 OF 47 SHEETS			

SCALE 10 FEET

HES 017-1(43)

LT		RT	
-11.5	284.7	19	284.7
-19	284.8	12.5	284.6
-19	286.7	12.5	286.7
-16.5	286.7	19	286.0
-11.5	287		
0	285.3		
3	285.8		
3	284.9		
0	286.8		

HES 017-1(43)

LT		RT	
-11.5	285	19	284.7
-18	284.9	12	284.9
-18	286.9	12	286.5
-11.5	287.1	19	286.0

F017-1(43)
ROADWAY CHECK

12	282.8
0	283.0
-12	283.2
-12	287.0
0	287.2
12	286.5

SBA F017-1(2)

SB	LT	RT

HES 017-1(43)

LT		RT	
-10.5	285	19	284.7
-18	284.9	12.5	284.9
-18	286.9	12.5	286.5
-10.5	287	19	286

F017-1(2)
ROADWAY CHECK

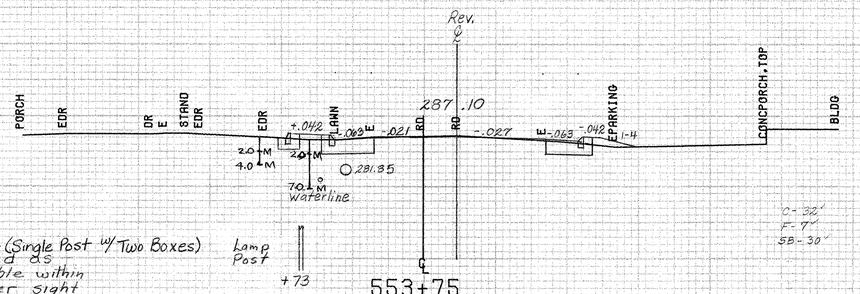
12	282.8
0	283.0
-12	283.2
-12	287.0
0	287.2
12	286.5

SBA F017-1(2)

SB	LT	RT

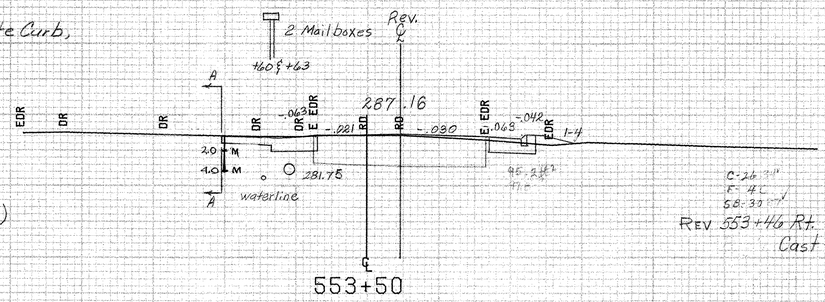
HES 017-1(43)

LT		RT	
-10.5	285	19	284.7
-18	284.8	12	284.9
-18	287.3	12	286.9
-10.5	287	19	286.2
		0	285
		3	285
		3	286.2
		0	286



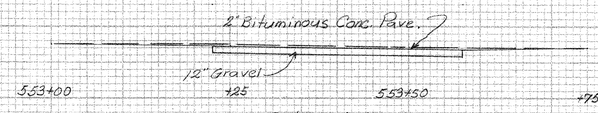
REV 553+60 & 553+63 Lt
RELOCATE MAILBOXES - Multiple Support (Single Post w/ Two Boxes)
Mailboxes Shall Be Relocated as far to the north as possible within the island to improve corner sight distance. The final location shall be determined by the Engineer and Property owner.

REV. 553+58 Lt.
Begin Cast-in-Place Cement Concrete Curb, Type A (Island)

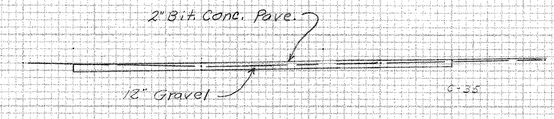


REV. 553+40 Lt.
Construct Drive (Gravel) (40' Wide)

REV 553+46 Rt ~ 553+75 Rt
Cast-in-Place Cement Concrete Curb, Type A

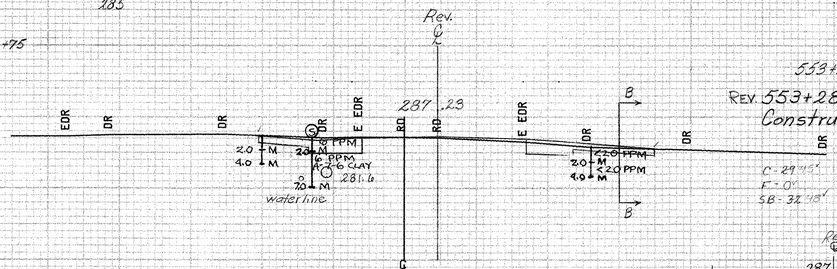


Section A-A

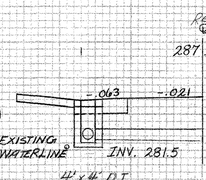


Section B-B

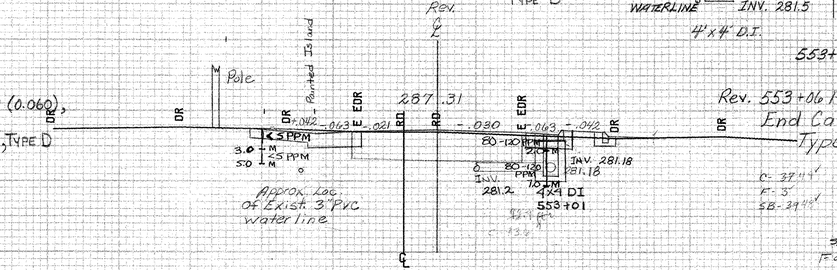
REV. 553+28 Rt.
Construct Drive (Partially Paved, 40' WIDE)



REV. 553+05 Lt. ~ 553+01 Rt.
New 18"x 32' PCCSP (.064), CAAP (0.060) or RCP (III) w/ New RCDI & CI GRATE w/ FRAME, TYPE D



REV. 553+05 Lt. ~ 554+04 Lt.
New 18"x 98' PCCSP (.064), CAAP (0.060), or RCP, Class III Option w/ NEW RCDI & CI GRATE w/ FRAME, TYPE D



Rev. 553+06 Rt.
End Cast-in-Place Cement Concrete Curb, Type A (Island)

REV. 552+99 Lt. ~ 553+18 Lt.
Durable 12" Yellow Lines (Painted Island)

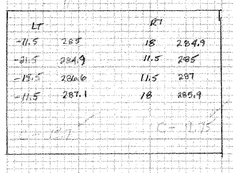
SBA F017-1(2)

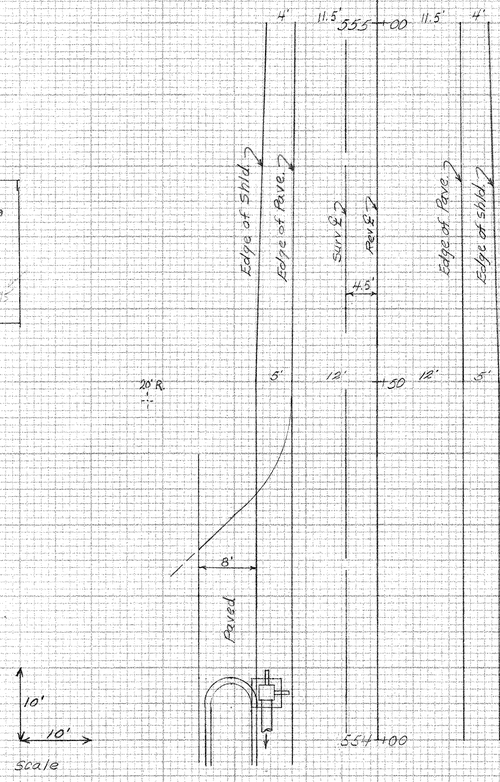
HES 017-1(43)

SHEET 47 OF 47

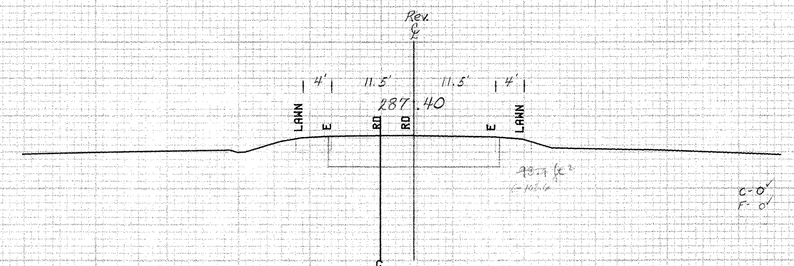
FROM STA.	553+00 TO STA. 553+75
PROJECT NAME	ADDISON VT22A
NO.	HES017-1(43)S PLOTTED 11/29/84
SURVEYED BY	FANTONI SEPT 1984
SHEET 47	OF 47 SHEETS

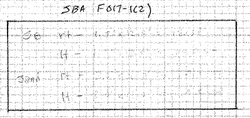
SCALE 10 FEET



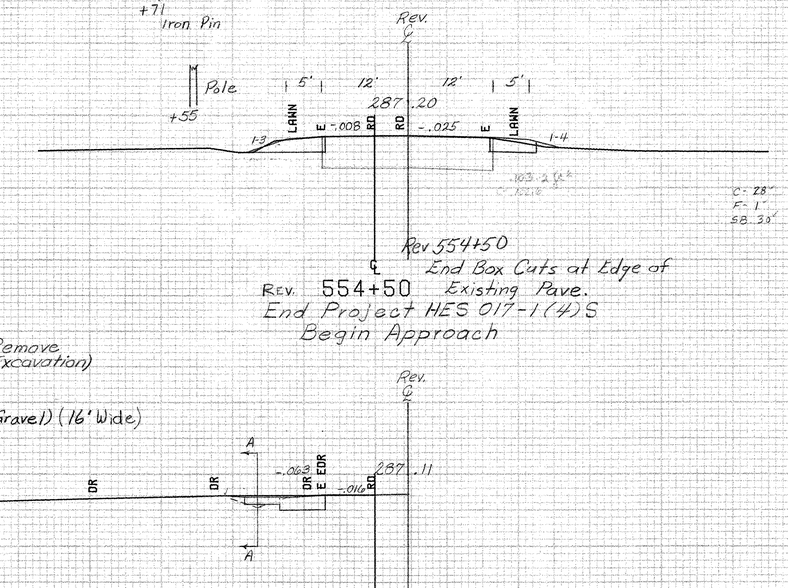


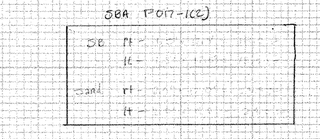
Pavement & Shoulder Transition Detail





F017-1(2) Roadway	Check
12	283
0	283
-12	283
-12	283.2
0	283.4
12	283.1

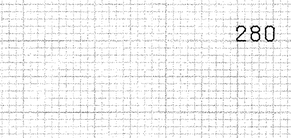


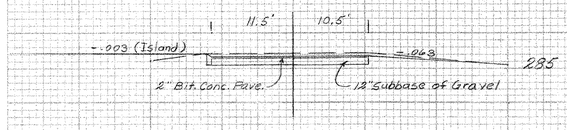


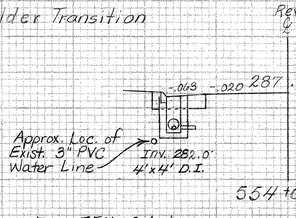
F017-1(2) Roadway	Check
12	282.5
0	282.9
-12	282.7
-12	282.1
0	282.2
12	282.8

554+20 Lt
Existing 8" CMP ~ Remove
(Shall Be Removed w/Common Excavation)

Rev. 554+20 Lt
Construct Drive (Gravel) (16' Wide)

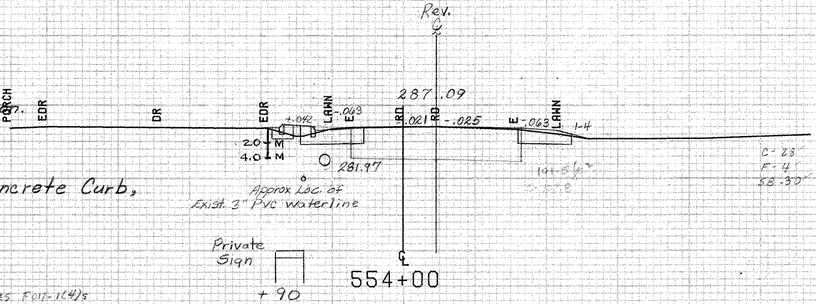


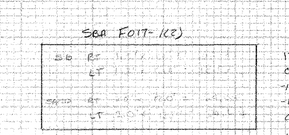




Rev. 554+04 Lt
New 2 ~ 25 ft. 6 Inch Underdrain
Stubs for Future Project Connection.
Plug As Directed by Engineer In
The Field.

Rev. 554+09 Lt
End Cast-in-Place Cement Concrete Curb,
Type A (Island)





F017-1(2) Roadway	Check
12	282.2
0	282.1
-12	282.4
-12	282.4
0	282.1
12	282.7

554+00 +20 554+50
Section A-A

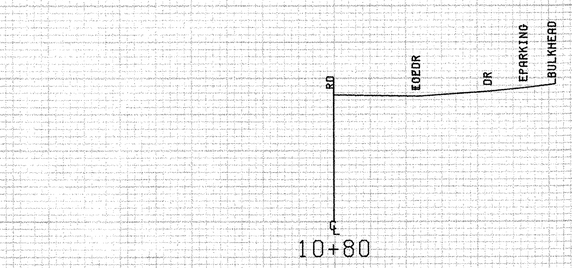
LT	HES 017-1(4)S	RT	
-20	285.4		
-23	285.4		
-23	285.7		
-20	285.8		
	C= 5.5		
-10	286.8	19	284.1
-19	286.7	11.5	284.8
-19	285.8	11.5	286.8
-14.5	286.8		
-10	287	19	285.8
	C= 16.6		C= 11.5

HES F017-1(4)S

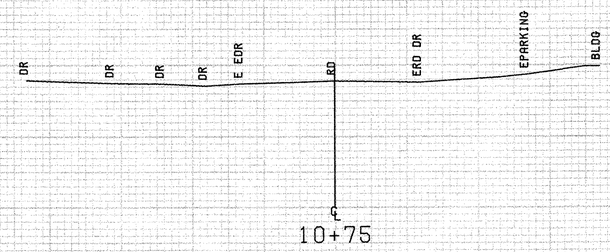
SHEET 42 OF 47

FROM STA.	554+00	TO STA.	555+00
PROJECT NAME	ADDISON VT22A		
NO.	HES017-1(4)S	PLOTTED	11/29/84
SURVEYED BY	FANTONI		SEPT 1984
SHEET 42	OF 47 SHEETS		

SCALE 10 FEET

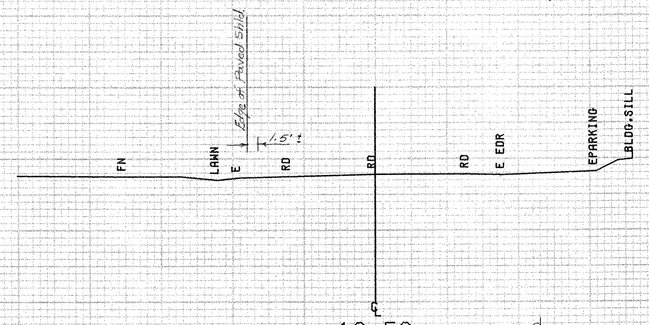


280



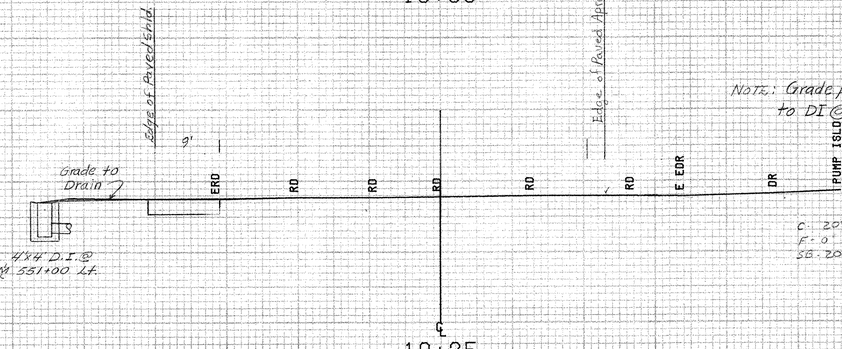
280

10+65
End Construction
End 1¼" Bituminous Conc. Overlay



C. 0'
F. 0
SB. 0

280



NOTE: Grade paved apron to drain to DI @ 551+91 Lt - As directed by the engineer

C. 20'
F. 0
SB. 20'

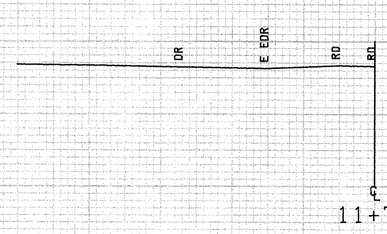
280

Vt. Rte 22A Surv. P.T. 551+58.44 =
Vt. Rte 17 (west) Surv. P.O.T. 10+00.00

SHEET 473 OF 477

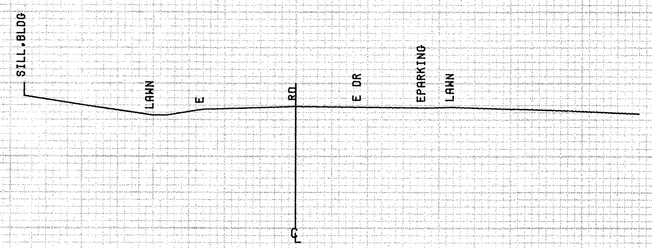
FROM STA.	10+25	TO STA.	10+80
PROJECT NAME	ADDISON	VT17 WEST	
NO.	HES017-1(4)S	PLOTTED	11/29/84
SURVEYED BY	FANTONI	SEPT 1984	
SHEET 473	OF 477	SHEETS	

SCALE 10 FEET



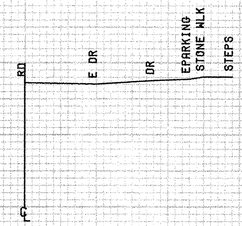
11+75

280



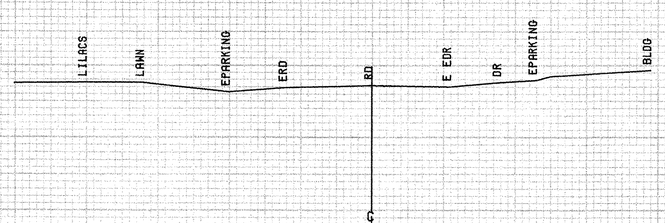
11+50

280



11+08

280



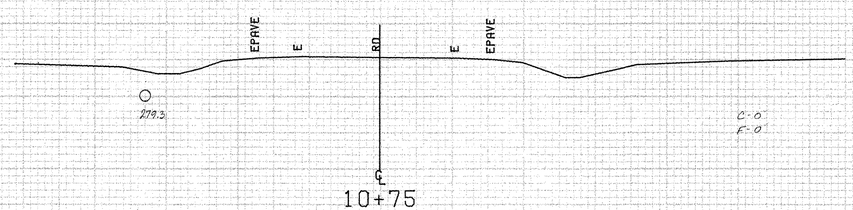
11+00

280

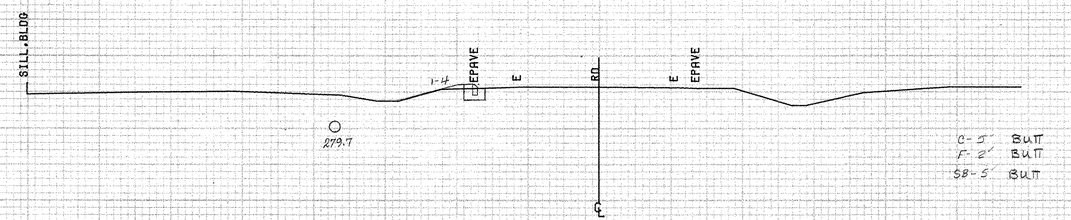
SHEET 474 OF 477

FROM STA. 11+00		TO STA. 11+75	
PROJECT NAME	ADDISON VT17 WEST		
NO.	HES017-1(4)S	PLOTTED	11/29/84
SURVEYED BY	FANTONI	SEPT 1984	
SHEET 44 OF 47 SHEETS			

SCALE 10 FEET

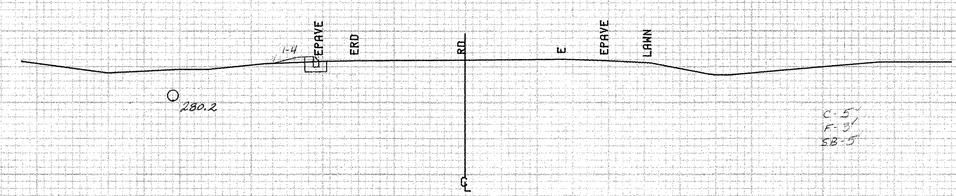


Stone		Common	
-16	284	-16	284
-19	284	-19	284
-19	286	-19	285.3
-17.75	286	-16	285.4
-17.75	284.7		
-17	284.7		
-17	285.4		
-16	285.4		



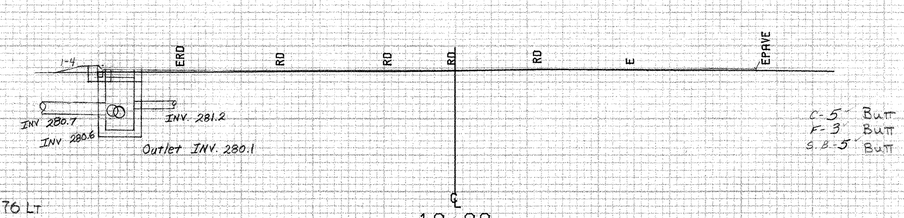
End Construction
End 1¼" Bituminous Concrete Overlay

Stone		Common	
-19.5	284.2	-19.5	284.2
-22.5	284.2	-22.5	284.2
-22.5	285.8	-22.5	285.8
-21.25	286.3	-19.5	285.8
-21.25	285		
-20.5	285		
-20.5	285.8		
-19.5	285.8		



Rev. ⊠552+33 Rt. ~ Vt. 17(E) 10+50 Lt.
Cast In Place Cement Concrete Curb, Type A

Stone		Common	
-48.5	285	-51.0	285
-51.5	285	-51.5	285
-51.5	281.2	-51.5	286.3
-50	281.2	-51	286.3
-50	285.7		
-49.25	285.7		
-49.25	286.8		
-48.5	286.8		



Rev. ⊠552+05 Rt ~ Vt. Rte. 17 (East) 11+76 Lt
New 18" x 176' CSP (.064) or RCP Cl III
Option w/ New 6×6 CB w/ CI Grate, Type D

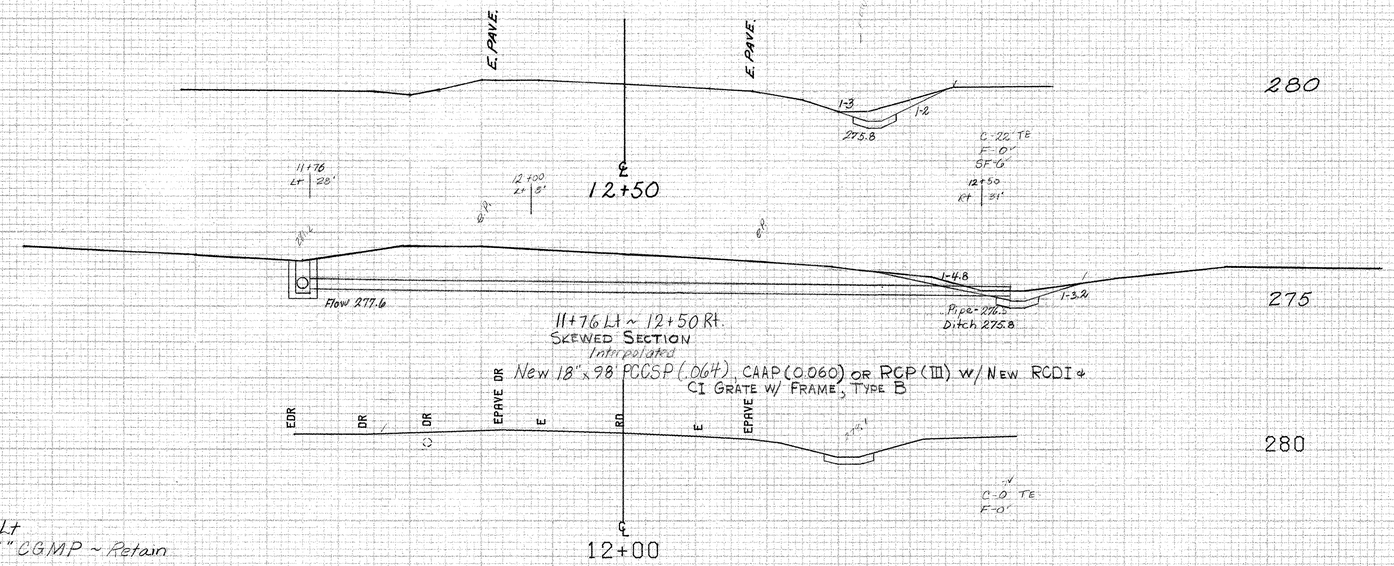
Vt. Rte 22A Surv. P.T. 551+58.44 =
Vt. Rte. 17 (East) P.O.T. 9+76.76

SHEET 475 OF 477

FROM STA. 10+00		TO STA. 10+75	
PROJECT NAME	ADDISON	VT17 EAST	
NO.	HES017-1(4)S	PLOTTED 12/03/84	
SURVEYED BY	FANTONI	SEPT 1984	
SHEET 45 OF 47 SHEETS			

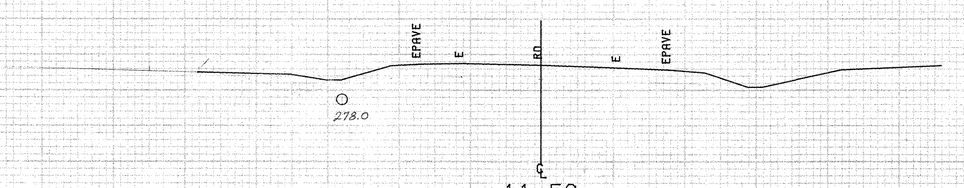
SCALE 10 FEET

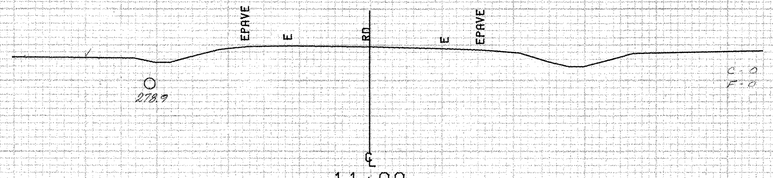
12+00 Rt ~ 13+00 Rt.
Construct Special Ditch w/ Stone Fill, Type I (Trench Exc.)



10+50

12+02 Lt
Exist. 15" CGMP ~ Retain



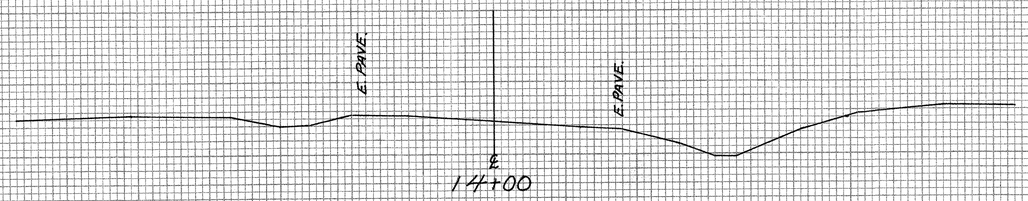


SCALE 10 FEET

SHEET 476 OF 477

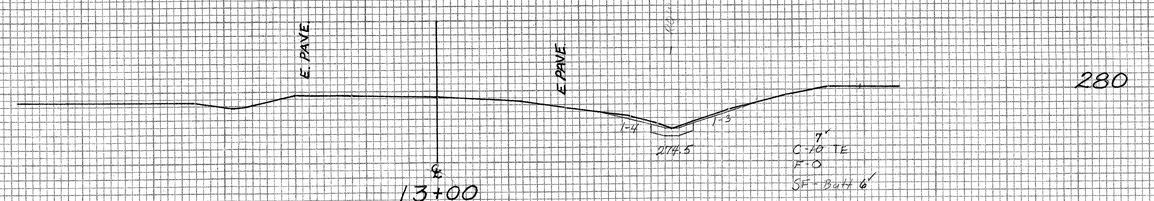
FROM STA.	11+00	TO STA.	12+50
PROJECT NAME	ADDISON VT17 EAST		
NO.	HES017-1(4)S	PLOTTED	12/03/84
SURVEYED BY	FANTONI	SEPT 1984	
SHEET 476	OF 477 SHEETS		

FINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE



ORIGINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE





SCALE 10 FEET

FROM STA. 13+00 TO STA. 14+00
PROJ. NAME ADDISON VT 17 EAST
NO. HES 017-1(4)S PLOTTED 2-20-85
SURVEYED BY BRADY FEB. 1985
SHEET 47 OF 47 SHEETS
SHEET 477 OF 477

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

FINAL DRAINAGE SUMMARY

PREPARED BY _____ PROJECT
CHECKED BY _____ NO.

| STATION | STATION | SUB-ITEM NUMBER | | BK | Pg | SH | DR | 601.0005 12" CSP | 601.0010 15" CSP | 601.0015 18" CSP | 601.0025 24" CSP | 601.0030 30" CSP | 601.0035 36" CSP | 601.0040 42" CSP | 601.0045 48" CSP | 601.0050 54" CSP | 601.0053 60" CSP | 601.0060 66" CSP | 601.0065 72" CSP | 601.0070 78" CSP | 601.0075 84" CSP | 601.0080 90" CSP | 601.0085 96" CSP | 601.0090 102" CSP | 601.0095 108" CSP | 601.0100 114" CSP | 601.0105 120" CSP | 601.0110 15" CSPA | 601.0115 18" CSPA | 601.0120 24" CSPA | 601.0125 30" CSPA | 601.0130 36" CSPA | 601.0135 42" CSPA | 601.0140 48" CSPA | 601.0145 54" CSPA | 601.0150 60" CSPA | 601.0155 66" CSPA | 601.0160 72" CSPA | 601.0165 78" CSPA | 601.0170 84" CSPA | 601.0175 90" CSPA | 601.0180 96" CSPA | 601.0185 102" CSPA | 601.0190 108" CSPA | 601.0195 114" CSPA | 601.0200 120" CSPA | 601.0205 15" CSPE | 601.0210 18" CSPE | 601.0215 24" CSPE | 601.0220 30" CSPE | 601.0225 36" CSPE | 601.0230 42" CSPE | 601.0235 48" CSPE | 601.0240 54" CSPE | 601.0245 60" CSPE | 601.0250 66" CSPE | 601.0255 72" CSPE | 601.0260 78" CSPE | 601.0265 84" CSPE | 601.0270 90" CSPE | 601.0275 96" CSPE | 601.0280 102" CSPE | 601.0285 108" CSPE | 601.0290 114" CSPE | 601.0295 120" CSPE | 601.0299 Retaining Wall Cir. | 601.0305 15" RCCP | 601.0310 18" RCCP | 601.0315 24" RCCP | 601.0320 30" RCCP | 601.0325 36" RCCP | 601.0330 42" RCCP | 601.0335 48" RCCP | 601.0340 54" RCCP | 601.0345 60" RCCP | 601.0350 66" RCCP | 601.0355 72" RCCP | 601.0360 78" RCCP | 602.15 CRM | 604.20 Catch Inl. Elem | 604.46 D.I. Gr. Tp A | 604.46 D.I. Gr. Tp B | 604.50 D.I. Conc. Frame | 604.51 D.I. Gr. Tp D | 608.15 Combin. Elem. | 608.31 Catch Combin. | 608.32 Gr. Combin. | 609.20 Trench Emerg. | 609.21 Trench Rock | 609.26 Conc. Cl. B | 609.45 Reinf. Steel | 609.46 Reinforcing Gr. 60 | 609.50 Gr. Select | 618.10 6" Bit. Gr. Type I | 618.11 6" Bit. Gr. Type II | 601.0296 30" RCCP |
|---|---|---

FINAL DRAINAGE SUMMARY

PREPARED BY _____ PROJECT

CHECKED BY _____ NO.

| STATION | STATION | SUB-ITEM NUMBER | BK | PG | DR SH | 601. 0005 12" CSEP | 601. 0010 15" CSEP | 601. 0015 18" CSEP | 601. 0025 24" CSEP | 601. 0036 30" CSEP | 601. 0052 42" CSEP | 601. 0057 48" CSEP | 601. 0078 72" CSEP | 601. 0153 84" CSEP | 601. 0351 84" SAPP | 601. 3010 13"x18" CSEA | 601. 3015 21"x16" CSEA | 601. 3036 35"x24" CSEA | 601. 3046 45"x29" CSEA | 601. 5005 15" CSPEL | 601. 6010 18" CSPEB | 601. 6015 18" CSPES | 601. 6025 24" CSPES | 601. 6036 30" CSPES | 601. 8086 54"x39" CSPES | 601. 8046 76"x49" CSPES | 601.99 RELEASE | 601. 0415 18" PCCSP | 601. 0425 24" PCCSP | 601. 0446 36" PCCSP | 601. 0462 48" PCCSP | 601. 6045 54" PCCSP | 601 0496 60" PCCSP | 602.15 CRM | 604.40 MH'S | 604.45 MH'S ELEV | 604.46 CI. 2A TYPE A | 604.50 CI. 2A TYPE B | 604.51 CI. 2A TYPE D | 604.60 A FRAME | 203.15 COMMON EXCAV. | 203.81 SAND BORROW | 203.82 GRAVEL BORROW | 203.20 FRENCH EARTH | 203.21 TRENCH ROCK | 501.25 CONC. CL. B | 507.15 REINF. STEEL | 529.25 REMOVAL C OR M | 269.30 GR. BKF. STR/CT. | 613.10 S.F. TYPE 7 | 613.11 S.F. TYPE II | 204.25 STRUC. EXCAV. |
|---|---|---

FINAL DRAINAGE SUMMARY

PREPARED BY _____ PROJECT
CHECKED BY _____ NO.

STATION	STATION	SUB-ITEM NUMBER		BK	PG	DR SH	601.0005 12" CSP	601.0010 15" CSP	601.0015 19" CSP	601.0025 24" CSP	601.0036 30" CSP	601.0052 42" CSP	601.0057 48" CSP	601.0078 72" CSP	601.0153 96" CSP	601.0351 84" CAAP	601.3010 117"x73" CSPA	601.3015 21"x15" CSPA	601.3036 55"x36" CSPA	601.3046 62"x44" CSPA	601.5005 12" CSP EL	601.6010 15" CSP ES	601.6015 19" CSP ES	601.6025 24" CSP ES	601.6036 30" CSP ES	601.8036 55"x36" CSPAES	601.8046 62"x44" CSPAES	601.99 RETAINING	601.0915 18" PCCSP	601.0425 24" PCCSP	601.0436 36" PCCSP	601.0462 54" PCCSP	601.6085 36" CSP ES	602.15 CRM	609.40 CHANNELING	609.45 CL SR TYPE A	609.46 CL SR TYPE B	609.50 CL CONC & FRAME	609.51 CL SR TYPE D	203.15 COMMON EXCAV.	203.31 SAND BORROW	203.32 GRAN. BORROW	204.20 TRENCH EARTH	204.21 TRENCH ROCK	501.25 CONC. CL. B	507.15 REINF STEEL	539.25 REMOVAL C & M	209.30 SR. BKF. SUBJCT.	613.10 S.F. TYPE I	613.11 S.F. TYPE II	622.10 INSULA BOARD
252+35RT			D	0460	2C	67		40																																									
255+25RT			D	0465	2C	71		40																																									
256+25RT			D	0470	2C	75			14																																								
258+85RT	259+45RT		D	0475	2C	79																																										
259+45CL			D	0480	2C	83																																										
261+90	262+90RT		D	0485	2C	87																																										
262+90CL			D	0490	2C	91																																										
267+50	270+10RT		D	0495	2C	97																																										
268+62LT			D	0500	2C	101																																										
278+15RT			D	0505	2C	105																																										
278+40	283+87RT		D	0510	2C	109																																										
284+10CL			D	0515																																											
284+30	291+80RT		D	0520	2C	113																																										
292+13	292+39LT		D	0525	2C	117		54																																								
292+20RT			D	0530	2C	123				32																																							
300+77LT			D	0535	2C	129		40																																									
156+37LT			D	0540	2C	133		40																																									
157+79LT			D	0545	2C	139		10																																									
158+06RT			D	0550	2C	143																																										
158+82LT			D	0555	2D	1		46																																								
160+05LT			D	0560	2D	5		34																																								
160+89LT			D	0565	2D	9																																										
161+23	161+90RT		D	0570	2D	13																																										
161+23RT			D	0575	2D	17																																										
162+02	163+30RT		D	0580	2D	21																																										
163+30	164+70RT/LT		D	0585	2D	27																																									
163+30	165+10RT		D	0590	2D	31																																										
164+56	164+69LT		D	0595	2D	35		10																																								
164+75	164+88LT		D	0600	2D	41		10																																								
164+85	166+50LT		D	0605	2D	47																																										
165+19LT			D	0610	2D	51		36																																									
165+89LT			D	0615	2D	57																																										
165+91LT			D	0620	2D	61		34																																									
165+91RT			D	0625	2D	67																																										
202+45LT			D	0630	2D	71																																										
204+50LT			D	0635	2D	77																																										
205+25LT			D	0640	2D	83																																										
205+60	214+00LT		D	0645	2D	89																																										
206+00	212+00RT		D	0650	2D	93																																										
212+00	216+30RT		D	0655	2D	97																																										
213+00RT			D	0660	2D	101																																										
213+96RT			D	0665	2D	105																																										
214+00	218+00LT		D	0670	2D	109																																										
216+52RT			D	0675	2D	113		40																																									
219+35			D	0680	2D	119																																										

FINAL DRAINAGE SUMMARY

PREPARED BY _____ PROJECT NO.

CHECKED BY _____

| STATION | STATION | SUB-ITEM NUMBER | BK | PG | SH | DR | 601.0005 12" CSP | 601.0010 15" CSP | 601.0015 18" CSP | 601.0025 24" CSP | 601.0036 30" CSP | 601.0052 42" CSP | 601.0057 48" CSP | 601.0078 72" CSP | 601.0153 84" CSP | 601.0851 84" CAAP | 601.3010 ITY 13" CSPA | 601.3015 21"x15" CSPA | 601.3036 35"x24" CSPA | 601.3046 42"x29" CSPA | 601.5005 12" CSP EL | 601.6010 15" CSP ES | 601.6015 18" CSP ES | 601.6025 24" CSP ES | 601.6036 30" CSP ES | 601.8036 30"x19" CSPAES | 601.8046 42"x29" CSPAES | 601.89 ALUMINUM PIPE O/A | 601.0415 18" PCCSP | 601.0425 24" PCCSP | 601.0446 36" PCCSP | 601.0462 54" PCCSP | 601.6046 54" CSP ES | 601.6236 30" PCCSP | 602.15 CRM | 602.80 MANG-IRON ELEV | 604.45 C.I. GR. TYPE A | 604.46 C.I. GR. TYPE B | 604.50 C.I. COV & FRAME | 604.51 C.I. GR. TYPE D | 208.15 COMMON EXCAV. | 209.81 SAND BORROW | 209.82 GRAN. BORROW | 204.20 TRENCH EARTH | 204.21 TRENCH ROCK | 501.25 CONC. CL. B | 507.15 REINF. STEEL | 527.20 APPROACH C OR M | 204.30 SUBJECT | 613.10 S.F. TYPE I | 613.11 S.F. TYPE II | 204.25 SUBJECT EXCAV. | 601.6846 36" RCP | 601.6845 30" RCPES |
|---|---|---

FINAL DRAINAGE SUMMARY

PREPARED BY ____________ PROJECT

CHECKED BY ____________ NO.

STATION	STATION	SUB-ITEM	NUMBER	BK	PG	DR SH	601.0005 12" CSP	601.0010 15" CSP	601.0015 18" CSP	601.0025 24" CSP	601.0036 30" CSP	601.0052 42" CSP	601.0057 48" CSP	601.0078 72" CSP	601.0153 84" CSP	601.0351 84" CAAP	601.3010 17"x13" CSPA	601.3015 21"x15" CSPA	601.3036 35"x24" CSPA	601.3046 42"x29" CSPA	601.5005 12" CSP EL	601.6010 15" CSP ES	601.6015 18" CSP ES	601.6025 24" CSP ES	601.6036 30" CSP ES	601.8036 35"x24" CSP AES	601.8046 42"x29" CSP AES	601.99 RELAYING PIPE CUL	601.0415 18" PCC SP	601.0425 24" PCC SP	601.0446 36" PCC SP	601.0462 54" PCC SP	601.6046 36" CSP ES
322+47RT		D	0910	2F	55																												
324+86LT		D	0915	2F	61			30																									
11+10CL		D	0920	2F	67																												
10+85RT		D	0925	2F	71			36																									
333+70	335+16LT	D	0930	2F	77																												
335+50LT		D	0935	2F	83												50																
335+76	336+25LT	D	0940	2F	89																												
341+00	341+46RT	D	0945	2F	95																												
341+65RT		D	0950	2F	101													52															
341+84	342+00RT	D	0955	2F	107																												
342+65LT		D	0960	2F	113																												
345+14CL		D	0965	2F	119																												
348+62RT		D	0970	2F	125																												
348+68RT		D	0975	2F	131																												
354+90RT		D	0980	2F	137																												
361+00CL		D	0985	2F	143				26														1										
365+87LT		D	0987	2F	147												34																
371+62RT		D	0990	2G	1				50																								
374+15CL		D	0995	2G	7																												
374+45CL		D	1000	2G	13																												
374+89	375+60LT	D	1005	2G	19																												
375+60	376+45LT	D	1010	2G	25																												
376+12RT		D	1015	2G	31			34																									
376+17LT		D	1020	2G	37																												
376+29	380+10RT	D	1025	2G	41																												
382+00	382+84RT	D	1030	2G	47																												
382+84CL		D	1035	2G	53																												
385+50CL		D	1040	2G	59																												
389+25CL		D	1045	2G	65																												
2+00	397+25LT/RT	D	1050	2G	71																												
397+38CL		D	1055	2G	77																												
400+60	400+75RT	D	1060	2G	83																												
400+80.5CL		D	1065	2G	89																							4	7				
404+68LT		D	1070	2G	95																												
406+39.5RT		D	1075	2G	101																												
406+39.5CL		D	1080	2G	107																												
421+35LT		D	1085	2G	113																												
421+47	421+98LT	D	1090	2G	119																												
421+98	422+62LT	D	1095	2G	125																												
422+33CL		D	1100	2G	131																												
422+68LT		D	1105	2G	137																												
424+47LT		D	1110	2G	143																												
424+47CL		D	1115	2H	1																												
424+47	424+97RT	D	1120	2H	7																												
431+53CL		D	1125	2H	13																												
436+14.5CL		D	1130	2H	19																							4		5			

STATION	STATION	SUB-ITEM NUMBER	602.15 CRM	604.40 CHANGING ELEV	604.45 C.I. GR. TYPE A	604.46 C.I. GR. TYPE B	604.50 C.I. COV. & FRAME	604.51 C.I. GR. TYPE D	203.15 COMMON EXCAV.	203.31 SAND BORROW	203.32 GRAN. BORROW	204.20 TRENCH EARTH	204.21 TRENCH ROCK	501.25 CONC. CL. B	507.15 REINF. STEEL	529.25 REMOVAL CORM	204.30 GR. BKF STRUCT.	613.10 S.F. TYPE I	613.11 S.F. TYPE II
322+47RT		D 0910																	
324+86LT		D 0915										3.9					1.8		
11+10CL		D 0920																	
10+85RT		D 0925								2.0		4.3							
333+70	335+16LT	D 0930																	
335+50LT		D 0935								3.2		6.5							
335+76	336+25LT	D 0940																	
341+00	341+46RT	D 0945																	
341+65RT		D 0950										7.6					3.7		
341+84	342+00RT	D 0955																	
342+65LT		D 0960																	
345+14CL		D 0965																	
348+62RT		D 0970																	
348+68RT		D 0975																	
354+90RT		D 0980																	
361+00CL		D 0985										5.2					1.7	1.6	
365+87LT		D 0987										4.7					2.2		
371+62RT		D 0990										3.5					3.3		
374+15CL		D 0995																	
374+45CL		D 1000																	
374+89	375+60LT	D 1005																	
375+60	376+45LT	D 1010																	
376+12RT		D 1015										11.0					2.1		
376+17LT		D 1020																	
376+29	380+10RT	D 1025																	
382+00	382+84RT	D 1030																	
382+84CL		D 1035																	
385+50CL		D 1040										54.0							
389+25CL		D 1045																	
2+00	397+25LT/RT	D 1050																	
397+38CL		D 1055											2.4						
400+60	400+75RT	D 1060																	
400+80.5CL		D 1065										9.5	0.4				2.2		
404+68LT		D 1070																	
406+39.5RT		D 1075											0.4						
406+39.5CL		D 1080																	
421+35LT		D 1085																	
421+47	421+98LT	D 1090																	
421+98	422+62LT	D 1095																	
422+33CL		D 1100																	
422+68LT		D 1105																	
424+47LT		D 1110																	
424+47CL		D 1115											0.7						
424+47	424+97RT	D 1120																	
431+53CL		D 1125										1.8	0.7				0.6		
436+14.5CL		D 1130										1.8	0.7				0.6		

484

FINAL DRAINAGE SUMMARY

PREPARED BY _____ PROJECT
CHECKED BY _____ NO.

| STATION | STATION | SUB-ITEM NUMBER | BK | PG | DR SH | 601. 0005 12" CSP | 601. 0010 15" CSP | 601. 0015 18" CSP | 601. 0025 24" CSP | 601. 0036 30" CSP | 601. 0052 42" CSP | 601. 0057 48" CSP | 601. 0078 72" CSP | 601. 0163 84" CSP | 601. 0351 84" CAAP | 601. 3010 17"x13" CSPA | 601. 3015 21"x15" CSPA | 601. 3036 35"x24" CSPA | 601. 3046 42"x29" CSPA | 601. 5005 12" CSP ES | 601. 6010 15" CSP ES | 601. 6015 18" CSP ES | 601. 6025 24" CSP ES | 601. 6030 30" CSP ES | 601. 8036 35"x24" CSP AES | 601. 8046 42"x29" CSP AES | 601.99 RELAYING TYPE CIL | 601. 0615 18" PCC SP | 601. 0625 24" PCC SP | 601. 0636 36" PCC SP | 601. 0642 54" PCC SP | 601. 6036 36" CSP ES | 601. 6042 36" R CPES | 602.15 CHANG- CRM | 604.40 MB ELEV. | 604.45 C.I. GR TYPE A | 604.46 C.I. GR TYPE B | 604.50 C.I. CONC & FRAME | 604.51 C.I. GR TYPE D | 203.15 COMMON EXCAV. | 203.31 SAND BORROW | 203.32 GRAN. BORROW | 204.20 TRENCH EARTH | 204.21 TRENCH ROCK | 501.25 CONC CL. B | 507.15 REINF. STEEL | 529.25 REMOVAL C. GR M | 204.30 GR. BKF. SHOUT. TYPE I | 613.10 S.F TYPE I | 613.11 S.F TYPE II |
|---|---|---

FINAL SURVEY — NOTE BOOK No. — SUBMITTED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED — BY — DATE

COMMON		S.F.	
28.5	497.5	20	496.4
25	497.2	25	497.2
27	496.6	27	496.6
29	497.4	29	497.4
36	500.4	36	500.4
36	502.8	36	502.8
34	501.5	33	500.6
27	497.5	27	498.0
28.5	497.5	21	498.4
		20	498.4

C - 16.60 S.F. - 19.4

500

47+0

46+75	0		0	
		7.69		8.98
47+0	16.60		19.40	
		35.01		31.30
+50	19.20		14.40	
		31.44		25.93
48+0	14.25		13.60	
	72.74 C.Y.		66.21 C.Y.	

46+75 ZERO

46+18 BUTT

COMMON		S.F.	
20	498.1	19	498.6
25	499.1	25	497.1
34	499.8	34	499.9
35	501.7	35	501.7
30	500.0	25	499.9
26	498.2	19	498.2
24	498.0		
20	498.1		

C - 14.25 S.F. 13.60

48+0 BUTT

500

COMMON		S.F.	
23	497.5	19	498.3
26	497.5	23	497.8
32	500.5	26	497.1
30	498.2	30	498.2
26	497.1	32	500.5
23	497.5	27	497.6
		21	498.2
		19	498.3

C - 6.30 S.F. 6.35

46+0

45+88 BUTT

45+88		5.30	6.35	
	12		2.36	2.82
46+0		5.30	6.35	
	18		3.53	4.23
46+18		5.30	6.35	

C - 5.07 S.F. 7.05

500

COMMON		S.F.	
25	497.8	26	497.7
34	501.2	25	497.1
36	501.8	30	500.5
40	505.2	32	501.5
32	502.5	30	503.5
34	501.5	31	499.6
28	497.1	26	497.7
25	497.8		

C - 19.70 S.F. 14.4

47+50

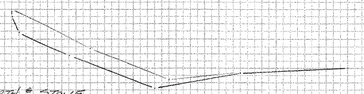
SHOREHAM - RIVERHEAD - ADDISON
F 017-(2)
COMMON EXCAVATION & STONE FILL TYPE I

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
GIETZGEN CORPORATION

486 - COMM. EX

FINAL SURVEY — NOTE BOOK No. — SURVEYED — PLOTTED — TYPED — AREAS — AREAS CHECKED — BY — DATE

121+90
ZERO



EARTH + STONE	
15	499.6
27	497.1
39	501.9
46	504.9
47	507.0
47	508.0
35	502.4
25	498.1
15	499.6

C - 48.95 ~~47.45~~
S.F. - 48.95 ~~47.45~~

121+50

121+40
BUTT

500

EARTH	
15	498.5
20	497.3
21	496.9
24	496.9
28	499.0
34	502.3
36	503.1
36	502.0
25	495.8
23	495.8
15	498.5

C - 21.70

S.F.	
15	498.5
23	495.8
28	495.8
36	502.0
36	503.1
32	502.3
28	500.1
21	497.7
15	498.5

S.F. 39.80

120+85
ZERO SECTION

500

EARTH + STONE	
15	499.5
25	496.7
38	501.3
48	506.4
51	508.4
54	510.5
54	511.4
47	508.0
36	502.8
25	498.3
15	499.5

C - 67.55
S.F. - 67.55

120+50

120+15
BUTT

500

EARTH	
15	498.9
20	499.7
22	499.1
24	497.1
28	497.7
34	501.8
38	504.5
36	501.8
30	499.5
23	496.2
15	498.9

C - 16.25

S.F.	
15	498.9
25	496.2
30	499.5
36	501.8
38	504.3
30	501.0
22	497.8
15	498.9

S.F. 30.1

500

EARTH	
24	497.7
32	496.8
38	500.7
45	505.2
45	506.8
47	507.5
39	506.4
37	504.7
35	503.0
34	501.1
30	500.7
24	497.7

C - 66.80

S.F.	
23	498.0
30	496.3
38	500.7
46	505.2
45	506.8
47	507.5
40	506.8
32	501.9
23	498.0

S.F. 77.65

112+50

112+25
BUTT

500

EARTH	
15	498.6
23	496.5
28	497.4
32	501.1
27	498.6
25	497.2
21	497.2
15	498.6

C - 9.8

S.F.	
15	498.6
23	496.5
28	497.4
32	501.1
22	499.1
15	498.6

S.F. 13.8

114+0

113+50

500

EARTH	
15	498.5
20	497.3
21	496.9
24	496.9
28	499.0
34	502.3
36	503.1
36	502.0
25	495.8
23	495.8
15	498.5

C - 21.70

S.F.	
15	498.5
23	495.8
28	495.8
36	502.0
36	503.1
32	502.3
28	500.1
21	497.7
15	498.5

S.F. 39.80

113+70

		EXCAV.		S.F.	
112+25		66.80		77.65	
	25		61.85		71.90
+50		66.80		77.65	
	50		76.90		99.79
113+0		16.25		30.10	
	50		38.14		64.21
+50		21.70		39.80	
	50		29.17		49.69
114+0		9.80		13.80	
			203.06		286.22

120+15
EXCAV. 67.55
35 87.56
+50 67.55
35 48.78
+85 0
181.34 C.Y.

S.F. 67.55 87.56 67.55 48.78 0 181.34 C.Y.

121+40
EXCAV. 48.95
10 18.13
+50 48.95
40 36.26
+90 0
54.39

S.F. 48.95 18.13 48.95 36.26 0 54.39

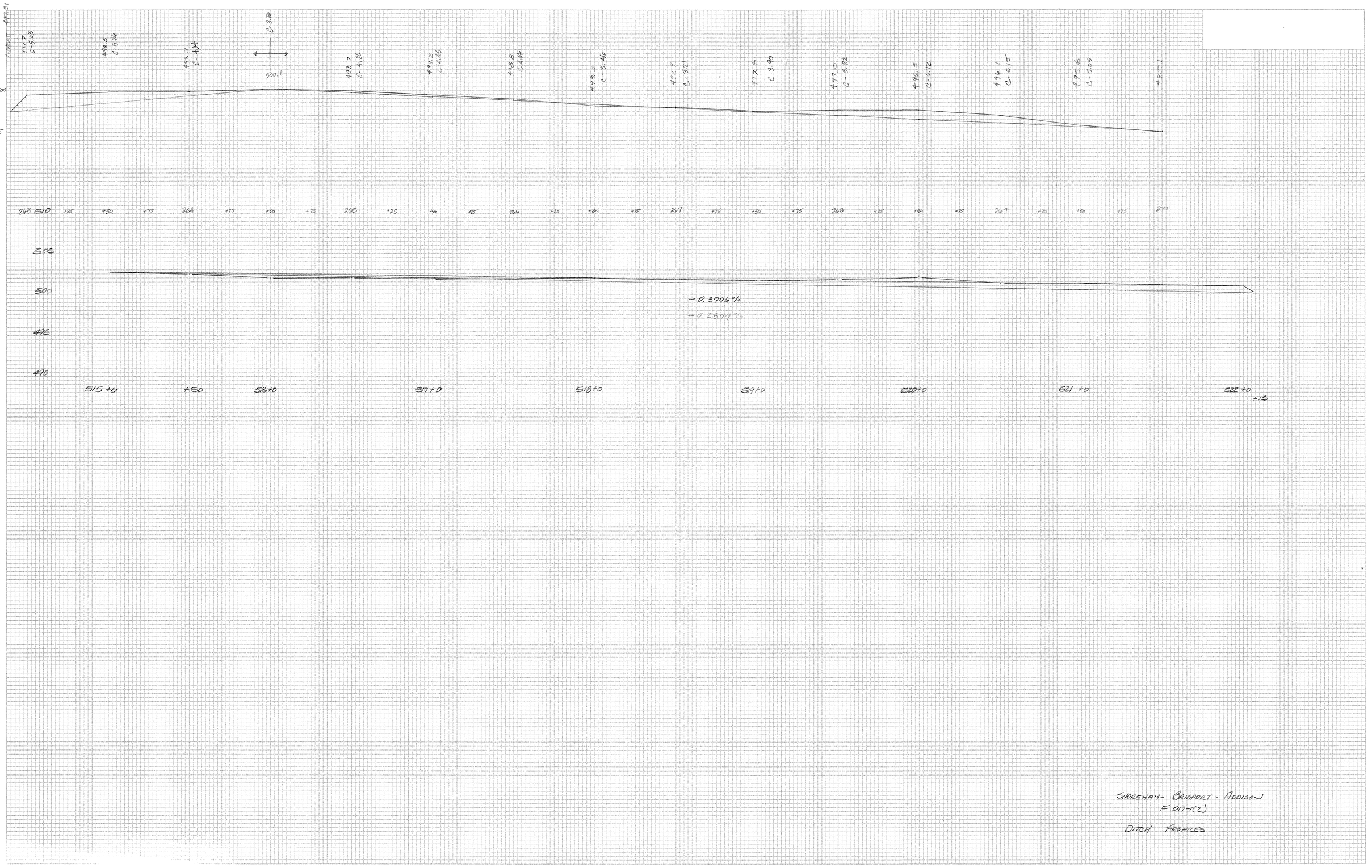
185.73 COMMON
185.73 C.F. TYPE I

SHOREHAM - BRIDPORT - ADDISON
F 017-1(2)

1 1/2C X-SECTION FOR SLOPE STABILIZATION - S.F. TYPE I & COMMON EXCAVATION

ORIGINAL SURVEY — NOTE BOOK No. — SURVEYED — PLOTTED — TYPED — AREAS — AREAS CHECKED — BY — DATE

PLATE 3 CROSS SECTION O. P. N. & R. E. STANDARD
DIETZGEN CORPORATION



ORIGINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

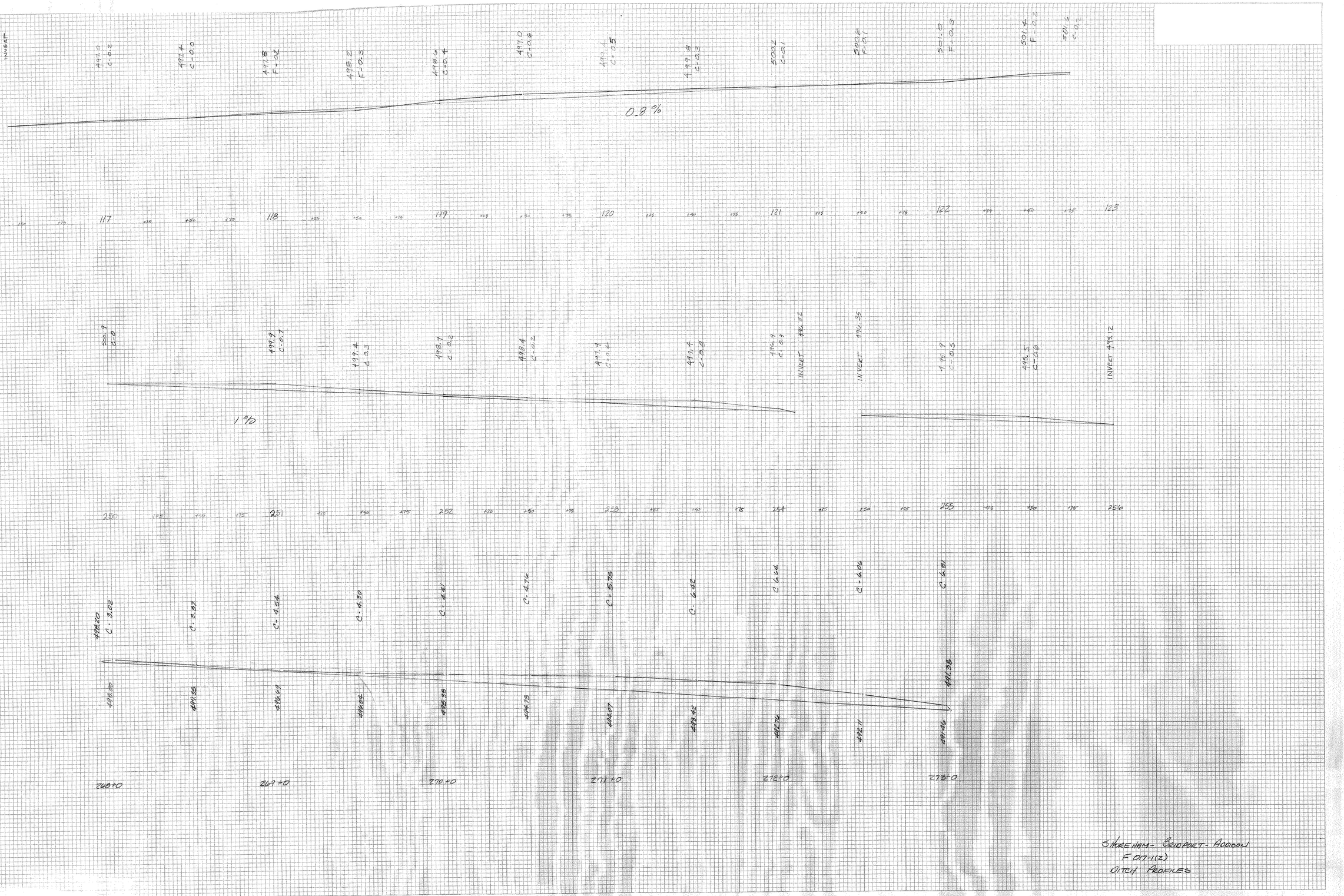
FINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

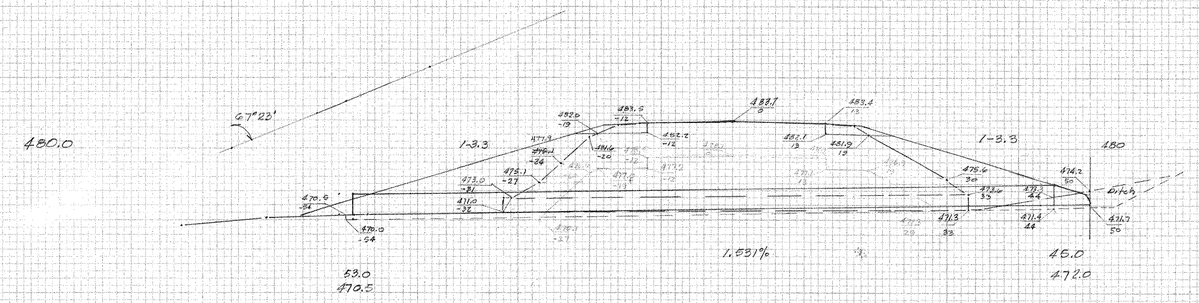
SHOREHAM - CRAIGPORT - ADDISON
F 017-1(2)

DITCH PROFILES

FINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TRIP-LATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TRIP-LATE
AREAS
AREAS CHECKED
BY
DATE





11+17.3 @ 67°23' Rt

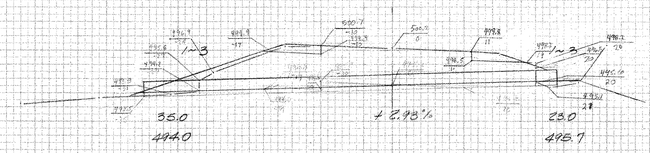
New 36" x 98' PCCSP w/ End Section @ Inlet

BK2 P. 39

Trench Excav Earth

Pipe	100%	337.9 sf x 5.1	1723.3
	150%	338.1 sf x 5.1 x 1.5	2586.5
			4309.8
End Section		13.2 sf x $\frac{9.2+5.1}{2}$ width	94.4
			4404.2/27
			163.1 cy

RBB 6/14/91



45+46 ℄

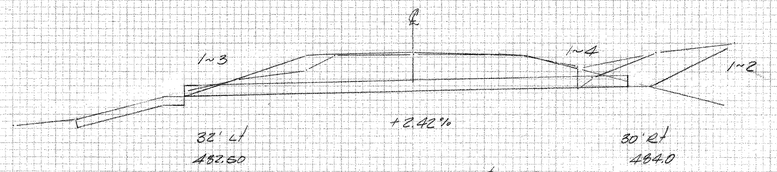
New 18" x 58' PCCSP .064

100% 208.2 x 3.6 = 749.52

150% 18 x 3.6 x 1.5 = 97.2

846.7 x 1/27 = 31.4 cy

Grad Bkfill 1/2 x 58 x 3.6 / 27 = 3.9 cy

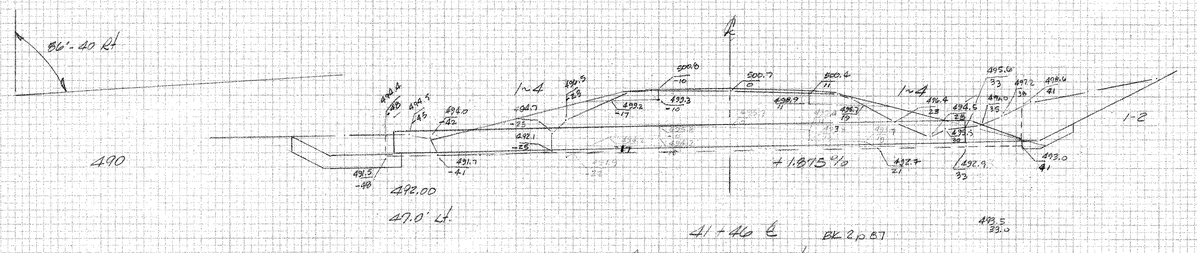


14+58.60 ℄ BK2 p. 51

New 18" x 62' PCCSP .064

w/ Stone Fill Type I @ Outlet

Not Installed



41+46 ℄ BK2 p. 87

Askew 86'-40' Rt

New 36" x 80' PCCSP .079 GA

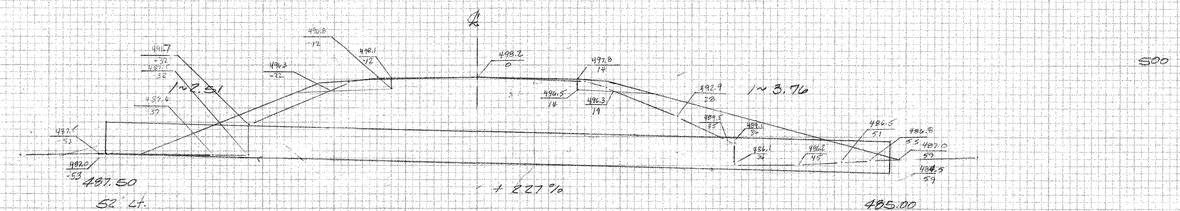
w/ 36" HES @ Inlet

Trench Excav.

Pipe	100%	246.2 sf x 5.1	1255.6
	150%	101.1 sf x 5.1 x 1.5	773.4
End Section		31.5 sf x $\frac{9.2+5.1}{2}$	225.2
			2254.2/27 = 83.5 cy

Grad Bkfill 88 x 5.1 x 0.5 x 1/27 = 8.3

RBB 6/14/91



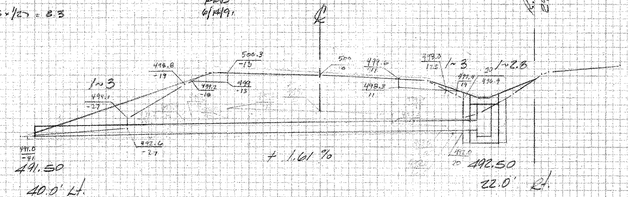
142+58 Askew 52°-50' Lt.

New 54" x 110' PCCSP .074 GA

w/ Stone Fill Type II @ Inlet & Outlet

204.25 Structure Excav. (to 1/4 below plane limits) 7360.5 x 10.5 x 1/27 = 286.5 cy

204.30 Gr. Bk for Structures 1/2' x 10.5' x 102' x 1/27 = 21.8 cy



68+05.6 @ 90°

New 18" x 62' PCCSP .064

w/ 4x6 D.I. @ Inlet w/ 2 Type A Grates

Pipe	100%	244.8 x 3.6 =	881.3 cf
	150%	111.7 x 3.6 x 1.5 =	603.2 cf
DI		$\left(\frac{4+6.5}{2}\right)$ x 6 x 8 =	252.0 cf
			1736.5 cf / 27 cf/cy = 64.3 cy

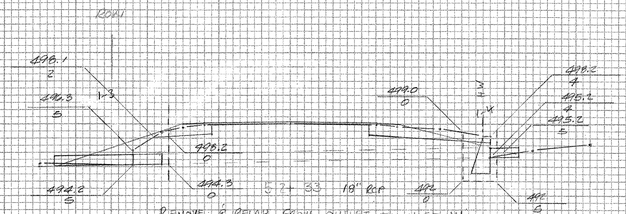
SHOREHAM-BRIDPORT-ADDISON

F 017-1(2)

DRAINAGE SHEET NO. 1 OF 11

490 DRAINAGE

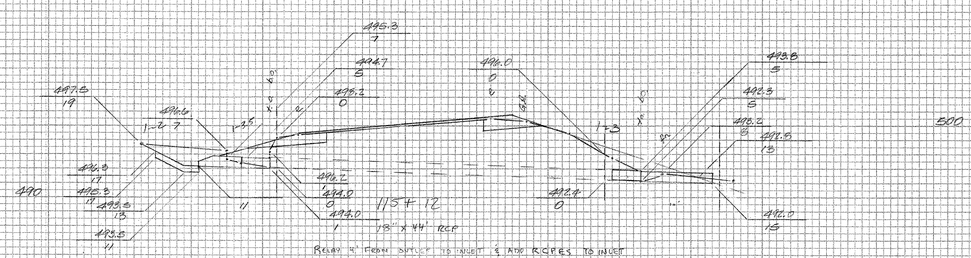
FINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE



REMOVE & RELAY FROM OUTLET TO INLET 4'
REMOVE HW @ INLET - TOP 6'
EXTEND INLET 15'

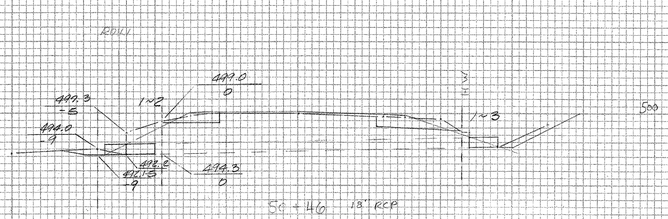
BK 2 Pg 127 00130

204.21 T.R. (FIELD MEASURED) (6x24x1.6) ÷ 27 = 0.80 C.Y.
204.30 GR. BKFILL (10 x 4.1 x .5) ÷ 27 = 1.21 C.Y.
204.20 T.E. (INLET) (29.6 x 6) ÷ 27 = 6.58 C.Y.
204.20 T.E. (OUTLET) (16.65 x 4.1) ÷ 27 = 2.53
9.11
- 0.80
8.31



RELAY 4' FROM OUTLET TO INLET & ADD RCPES TO INLET
RELAY NEXT 8 to 12' AT OUTLET
EXTEND OUTLET 15'
CONSTRUCT A 6' X 11' STONE FILL TYPE L END @ INLET

BK 29 Pg 101 00235

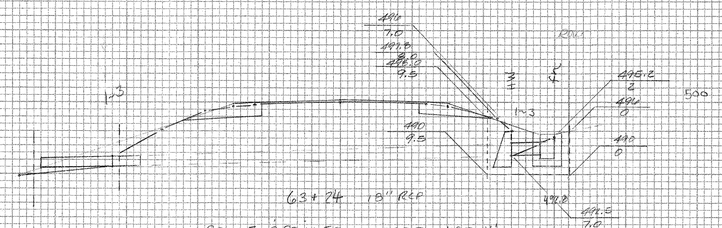


REMOVE & RELAY 4' FROM OUTLET TO INLET
EXTEND OUTLET 7'
REMOVE INLET HEADWALL - TOP 2'

BK 2 Pg 121 00125 6" UNDERCUT AUTHORIZED V.I.P.

T.E. (UNDERCUT) 11 x 4.1 x .5 = 22.55
PIPE (LH) 24.35 x 4.1 = 99.84
PIPE (RH) PIPE IN FILL 0
122.39 ÷ 27 = 4.53 C.Y.
T.R. (FIELD MEASURED) 1 x 2 x 8 = 16 ÷ 27 = 0.6 C.Y.

204.30 GR. BKFILL 22.55 ÷ 27 = 0.84 C.Y.



REMOVE & RELAY FROM OUTLET TO INLET 4'
NEW 4'x4' RCDI INLET W/ C.I. GRATE & FRAME, TYPE A
EXTEND OUTLET 14'

BK 2 Pg 125 00145

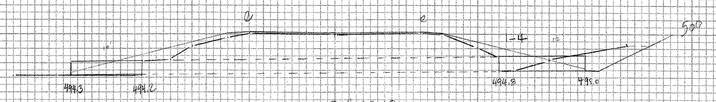
204.21 T.R. (FIELD MEASURED) (6 x 1.6 x 2.4) ÷ 27 = 0.8 C.Y.
204.20 T.E. (29.6 x 6) ÷ 27 = 10.90
- 0.80
10.10

NOTE: 6.0 REFERS TO WIDTH FOR REMOVAL OF HEADWALL & EXCAVATION FOR NEW 4'x4' D.I.

SHOREHAM - BRIDPORT - ADDISON
F 017-1(2)
DRAWING SHEET NO. 2 OF 11

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

491



204+48 - 24" CGMP

EXTEND INLET W/ 24" x 12' CSP

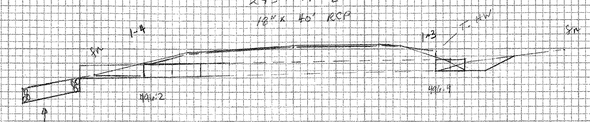
EXTEND OUTLET W/ 24" x 10' CSP

SEE BK 2B Pg. 127 D038

TRENCH EARTH:

UNDER CUT ½ x 22 x 4.3 / 27 =

STONE PAD 5 x 5 x 1.5 / 27 =



199+48 @ 60° RT 15" RCP

RELAY 4' (1 SECT) AT OUTLET

EXTEND OUTLET 18" x 7' CSP W/ STONE FILL TYPE II PAD OUTLET (6'x10')

SEE BK # 2B Pg 115 D0370

TRENCH EARTH:

UNDER CUT ½ [(4')(3.4') + (6' x 3.6')] / 27 =

STONE PAD 6' x 10' x 1.5' / 27 =

245+41 ℄

18" x 40' RCP

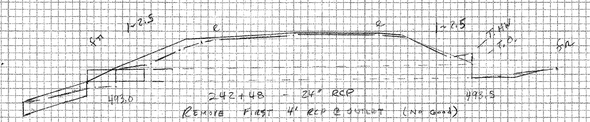
8x6' TYPE I STONE FILL PAD

REMOVE 4' @ INLET (NO GOOD) REMOVE TOP 2' OF HW @ INLET

REMOVE & RELAY 4' FROM OUTLET TO INLET (4' from yard)

EXTEND OUTLET 18' 12' 4/8/91 KBR

SEE BK 2C Pg 63 D0455



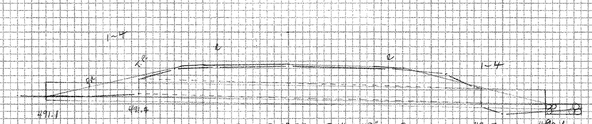
242+48 - 24" RCP

REMOVE FIRST 4' RCP @ OUTLET (NO GOOD)

REMOVE TOP 1' OF INLET HEADWALL

EXTEND OUTLET 24" x 8' RCP W/ 8x6' STONE FILL TYPE I PAD

SEE BK 2C Pg 57 D0450

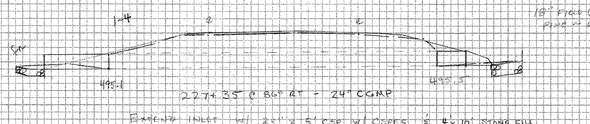


169+70 85° RT 24" x 48' CMP

REPLACE W/ NEW 24" x ~~60'~~ 70' PCCSP

5x5' TYPE I STONE FILL PAD OUTLET

SEE BK # 2B Pg 67 D0330



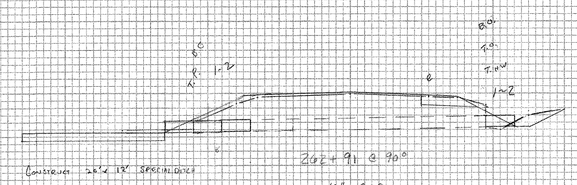
18" FIELD DRIVE PIPE TO RETAIN

227+35 @ 86° RT - 24" CGMP

EXTEND INLET W/ 24" x 5' CSP W/ CSPES & 4x10' STONE FILL (TYPE II) PAD

EXTEND OUTLET W/ 24" x 10' CSP W/ STONE FILL TYPE I PAD 4 x 10

SEE BK # 2C Pg. 25 D0420



CONSTRUCT 26' x 12' SPECIAL DITCH (STONE FILL, TYPE I) SEE TYPICAL ON LAYOUT SHEETS

262+91 @ 90°

18" RCP

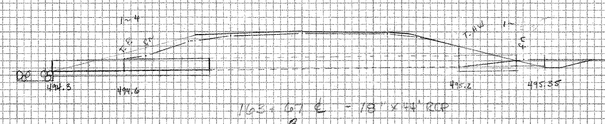
REMOVE 4' RCP @ OUTLET (NO GOOD)

REMOVE & RELAY 4' RCP FROM OUTLET TO INLET

REMOVE TOP 2' HW INLET

EXTEND OUTLET 12'

SEE BK 2C Pg. 91 D0490

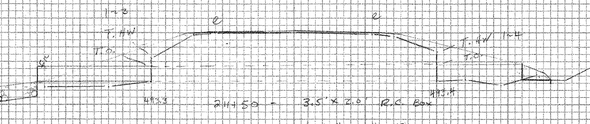


163+67 ℄ - 18" x 44' RCP

REMOVE & RELAY ~~12'~~ 8' (3 SECTIONS) FROM OUTLET TO INLET

EXTEND OUTLET W/ 24" x ~~23'~~ 19' WITH 5'x5' STONE FILL, TYPE I PAD

SEE BK 2B Pg. 61 D0325

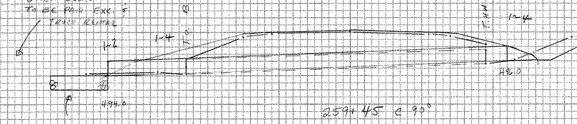


244+50 - 3.5' x 2.0' R.C. BOX

EXTEND INLET W/ 43" x 24" x 13' SPA W/ FS

EXTEND OUTLET W/ 43" x 24" x 17' CSPA W/ STONE FILL TYPE I PAD

SEE BK 2B Pg. 133 D0385



8x6 STONE FILL TYPE I PAD

259+45 @ 90°

24" ARCGMP - REPLACE

NEW 24" x 56' PCCSP W/ CSPES @ INLET

SEE BK 2C Pg. 83 D0480



PAD TYPICAL

SHOREHAM - BRIDPORT - ADDISON

F 017-1(2)

DRAINAGE SHEET NO. 3 OF 11

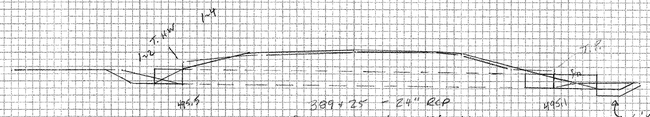
FINAL SURVEY NOTE BOOK No. SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED BY DATE

ORIGINAL SURVEY NOTE BOOK No. SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED BY DATE

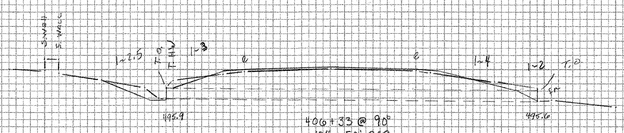
PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD DIETZGEN CORPORATION

42+25

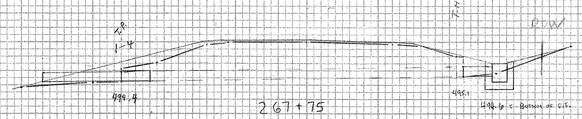
492



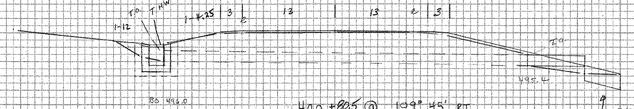
399 + 25 - 24" RCP
REMOVE TOP 2' OF HW INLET
REMOVE & RELAY 4' FROM OUTLET TO INLET
EXTEND OUTLET 10' W/ STONE PAD (TYPE I)
SEE FILL (TYPE I) PAD
OUTLET
SEE BK 26 pg. 65



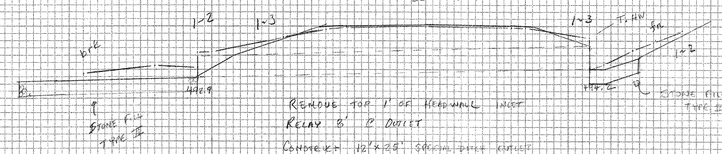
406 + 33 @ 90°
18" x 52' RCP
REMOVE TOP 2'OF HEADWALL @ INLET
SEE BK 26 pg. 107



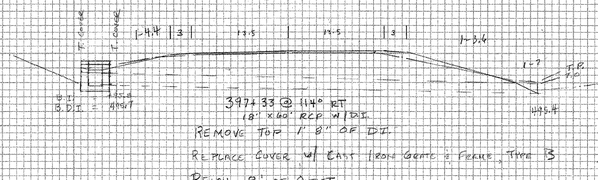
267 + 75
18" RCP
REMOVE & RELAY 4' FROM OUTLET TO INLET
EXTEND OUTFT 15'
NEW RCDI @ INLET w/ C.I. GRATE & FRAME TYPE A
SEE BK 26 Pg. 61



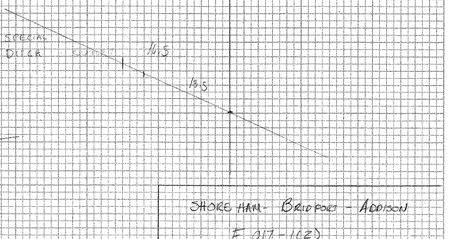
400 + 805 @ 109° 45' RT
18" x 56' RCP
REMOVE HEADWALL @ INLET & REPLACE
WITH NEW RCDI W/ TYPE A FRAME AND GRATE
EXTEND OUTLET W/ 24" x 8' CSP W/ 5'x5' STONE PAD
SEE BK 26 Pg. 87



285 + 06
36" x 55' RCP
REMOVE TOP 1' OF HEADWALL @ INLET
RELAY 8' @ OUTLET
CONSTRUCT 18"x 25' SPECIAL DITCH OUTLET
CONSTRUCT 12"x 20' SPECIAL DITCH INLET
(See Layout Sheet 5 for Typical)
See Bk 26 Pg. 85



397 + 33 @ 114° RT
18" x 60' RCP w/ D.I.
REMOVE TOP 1' 8" OF D.I.
REPLACE COVER W/ CAST IRON GRATE & FRAME TYPE B
RELAY 8" AT OUTLET
SEE BK 26 Pg. 77



SHORE HAM - BRIDPORT - ADDISON
F 017-1(23)

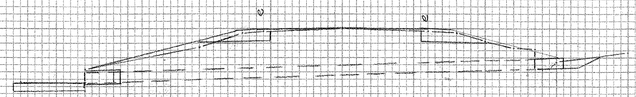
DRAINAGE SHEET No. 4 OF 11

FINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

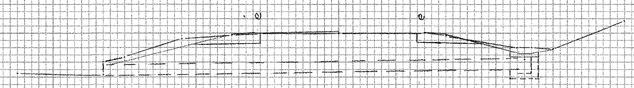
PLATE 3 CROSS SECTION D. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

FINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

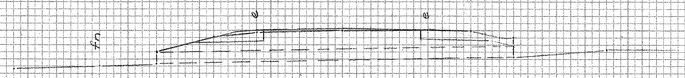


3'x10' Stone Pad
@ outlet

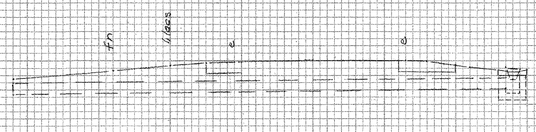
+47
431+53 Bk 2H p 13
18" RCP Retain
Remove top 2' of inlet headwall; extend inlet w/18"x4' RCP from outlet;
relay next 4' section @ outlet;
replace removed 4' section @ outlet w/ New 24"x5'



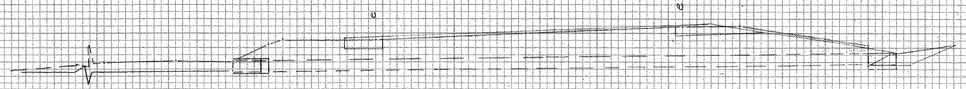
+23
451+26 Bk 2H p. 67
18" RCP Retain
Lower D.I. walls 1' & replace cover
w/ New C.I. Grate, Type B



+42
424+47 Bk 2H p 1
18" RCP Retain
Remove top 2' headwall
Clean outlet ditch 10'± w/rental items

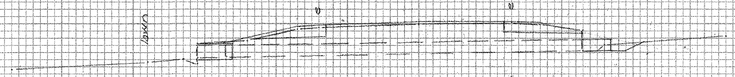


+90
440+95 @ 75° Rt Bk 2H p 48
18" RCP Retain
Lower Dt. walls 1' & replace cover
w/ New C.I Grate, Type A



Ditch Cleaning - 100'±
to be paid under All
Purpose Excavator Rental
& Truck Rental

+22
422+33 @ 36° Lt Bk 29 p 191
18" RCP Retain
Remove top 2' of inlet headwall; extend inlet w/4'x18" RCP from outlet
replace removed 4' section @ outlet w/ New 24"x5'



+10
431+14.5 @ 62° Rt Bk 2H p 19
18" RCP Retain
Remove top 2' of inlet headwall, extend inlet w/18"x4' RCP from outlet
replace removed 4' section @ outlet w/ New 24"x5'

ORIGINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

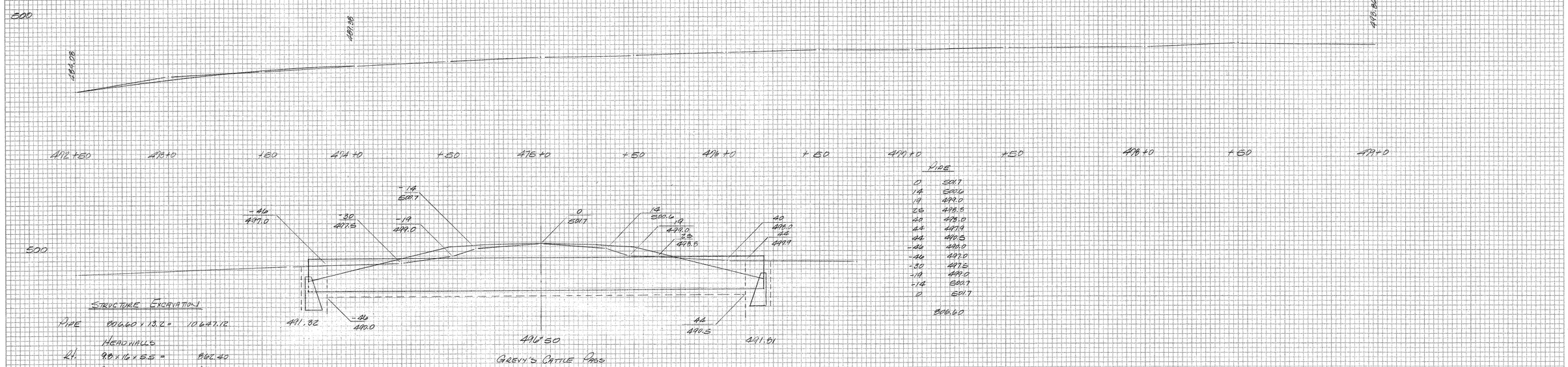
SHOREHAM - BRIDPORT - ADDISON
F 017-1(2)

DRAINAGE SHEET NO. 5 OF 11

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

FINAL SURVEY — NOTE BOOK No. — SURVEYED — PLOTTED — TRIPLICATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK No. — SURVEYED — PLOTTED — TRIPLICATE — AREAS — AREAS CHECKED — BY — DATE



GREEN'S CATTLE PASS

BK 2:I Rd 43-45

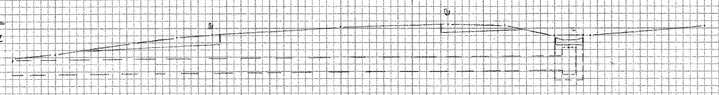
STRUCTURE EXCAVATION

PIPE	806.60 x 13.2 =	10647.12	
	HEADWALLS		
Lt.	9.8 x 16 x 5.5 =	862.40	
Rt.	9.5 x 16 x 5.5 =	836.00	
	12345.52 ÷ 27 =	457.24 yd³	

WR/ 5.27.92

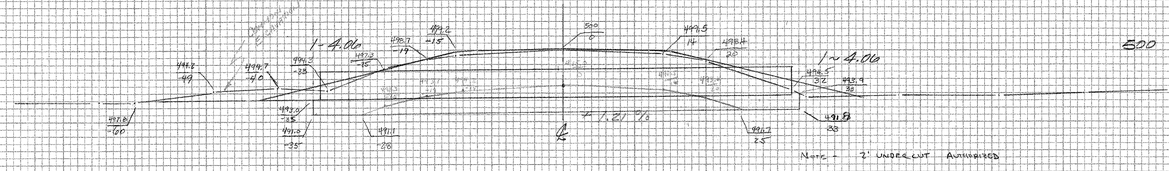
UNCLASSIFIED CHANNEL (FROM X-SECTION ~ Sta 406, 407 & 408 OF 477)

8+25	0	428
+50	9.25	1775
+75	29.10	45.72
9+0	67.65	80.86
+25	106.00	122.11
+50	158.75	23.52
+54	158.75	
BUTT		
BUTT		
10+44	102.05	36.01
+50	162.05	130.0
+75	115.75	76.76
11+0	47.05	19.45
+20	0	
		554.44



PIPE	
0	501.7
.14	500.6
.19	499.0
.25	498.5
.40	499.0
.46	499.9
-.46	499.0
-.46	497.0
-.30	497.5
-.19	499.0
-.14	500.7
0	501.7

806.60



Note - 2' UNDERCUT AUTHORIZED

Sta 401.50

Askew 80° Lt.

NEW 48"x66' RCCP 0.109 Ga.

Inlet 504.20	TE	100'0" x 85.3' x 12.1' =	370.79	1757.15
		150'0" x 136.6 sf x 1/27 =		1059 x CF
				3349 - 5.CF x 1/27 = 1351.7 cy
		68' x 2' x 6.1' x 1/27 =		30.7 cy

WR/ 5.27.92

WR/ 4/14/92

WR/ 4/8/92

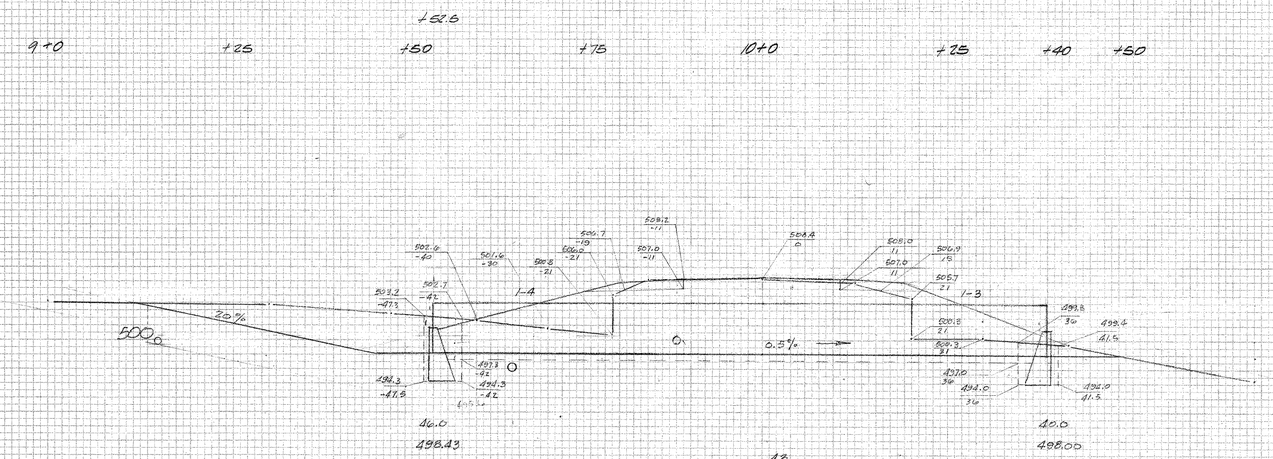
SHOREHAM - BRIDPORT - ADDISON

F 017-1(2)

DRAINAGE SHEET NO. 6 OF 11

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

495



43
385+~~50~~ BK 26 P 59

72" ACCGMP ~~Retain & Extend~~ REMOVE

New 84" × 86' CSP .109

STRUCTURE EXCAVATION

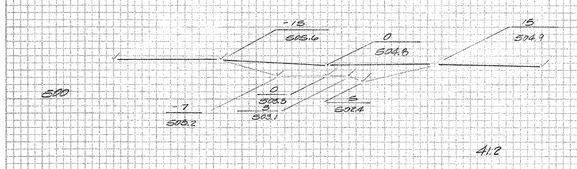
HEADWALLS

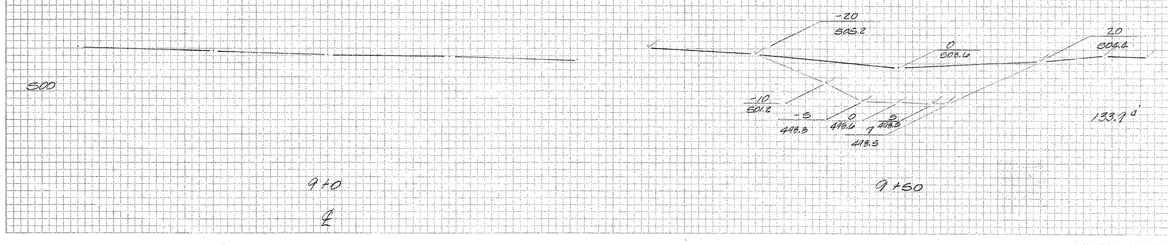
Inlet	47 sf × 16	752 cf
Outlet	38 sf × 16	608
PIPE	577 × 13.2	7616.4
		8976.4 / 27 = 332.5 yd³

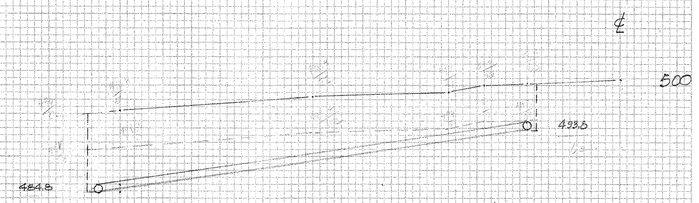
DRB 8/9/91

UNCLASSIFIED CHANNEL EXCAV.

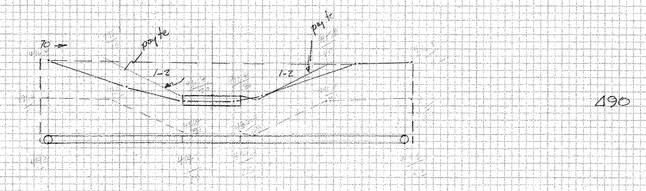
STA	DIST	AREA	VOL
9+0		0	
	25		19.1
9+25		41.2	
	25		81.06
9+50		133.9	
	6		29.8
9+56		133.9	
BUTT			
			129.96



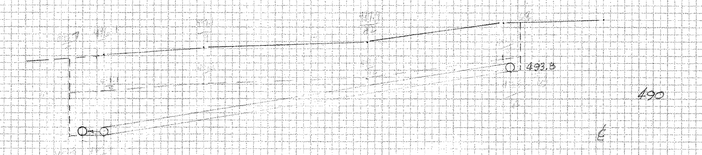




Facing North @ 496+26



Facing West @ 496+50



Facing North @ 496+75

TRENCH EXCAVATION

496+75

@100% 63 × 5 × 3.1 = 976.5
@150% 232 sf × 3.1 × 1.5 = 1078.8

496+50

@100% 52 × 5 × 3.1 = 806
@150% 210 sf × 3.1 × 1.5 = 976.5

496+26

@100% 63 × 5 × 3.1 = 976.5
@150% 232 sf × 3.1 × 1.5 = 1078.8

5893.1 cf / 27 = 218.3 cy

DRB 4/17/91

D 1270 BK 2I P 37
495+80 – 497+18 Lt
Relocation of Waterline

SHORE HAM - BRIDGE - ADDISON

F 017-1(2)

DRAINAGE SHEET NO. 7 OF 11

FINAL SURVEY NOTE BOOK No. SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED BY DATE

ORIGINAL SURVEY NOTE BOOK No. SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED BY DATE

PLATE 3 CROSS SECTION D. P. R. & R. S. STANDARD
DIETZGEN CORPORATION

496

FINAL SURVEY | ORIGINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

TRENCH EXCAV

Pipe 1811 s.f. × 3.6 = 6520 cf

D.I. 6'×6'×4' ✓ = 144 ✓

6664 cf / 27 = 246.8 cy

GRAVEL BACKFILL

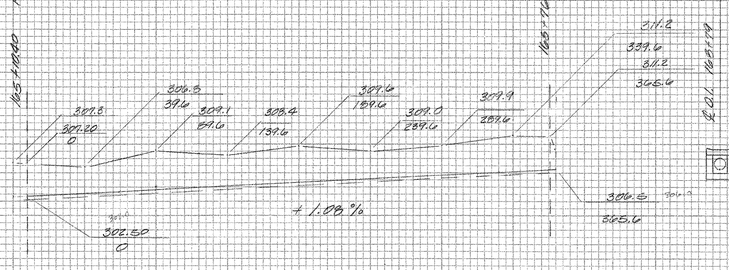
30543.6 × 0.5 ÷ 27 = 24.2 cy ✓

		T. STR. ELEV.	STR. DEF	CUT
161+50	290.0	298.86	33	2.86
162+00	290.34	301.00	33	4.80
+50	291.27	303.62	33	4.85
163+00	291.91	304.80	33	6.89
+50	293.54	—		
164+00	294.18	320.85	27'-2"	9.07
+50	294.91	—		
165+00	300.46	—		
+04	300.50	—		

-1.26%

		ALL DEF 33' Rd. T. STR.	CUT
165+08	302.50		
+50	302.95	309.96	7.01
166+00	303.49	312.12	8.63
+50	304.03	311.22	7.19
167+00	304.57	311.70	7.13
+50	305.11	312.23	8.12
168+00	305.65	314.22	8.57
+50	306.19	314.30	8.11
+70	306.60		

-1.08%

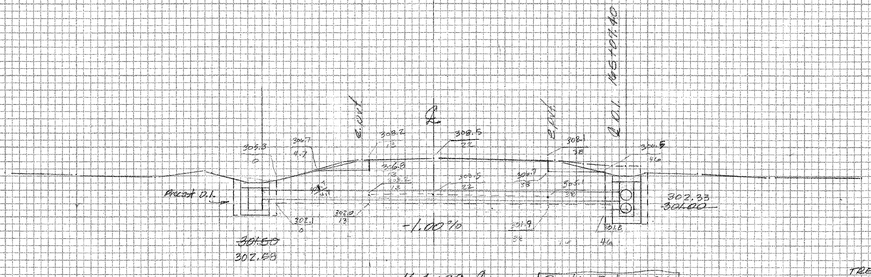


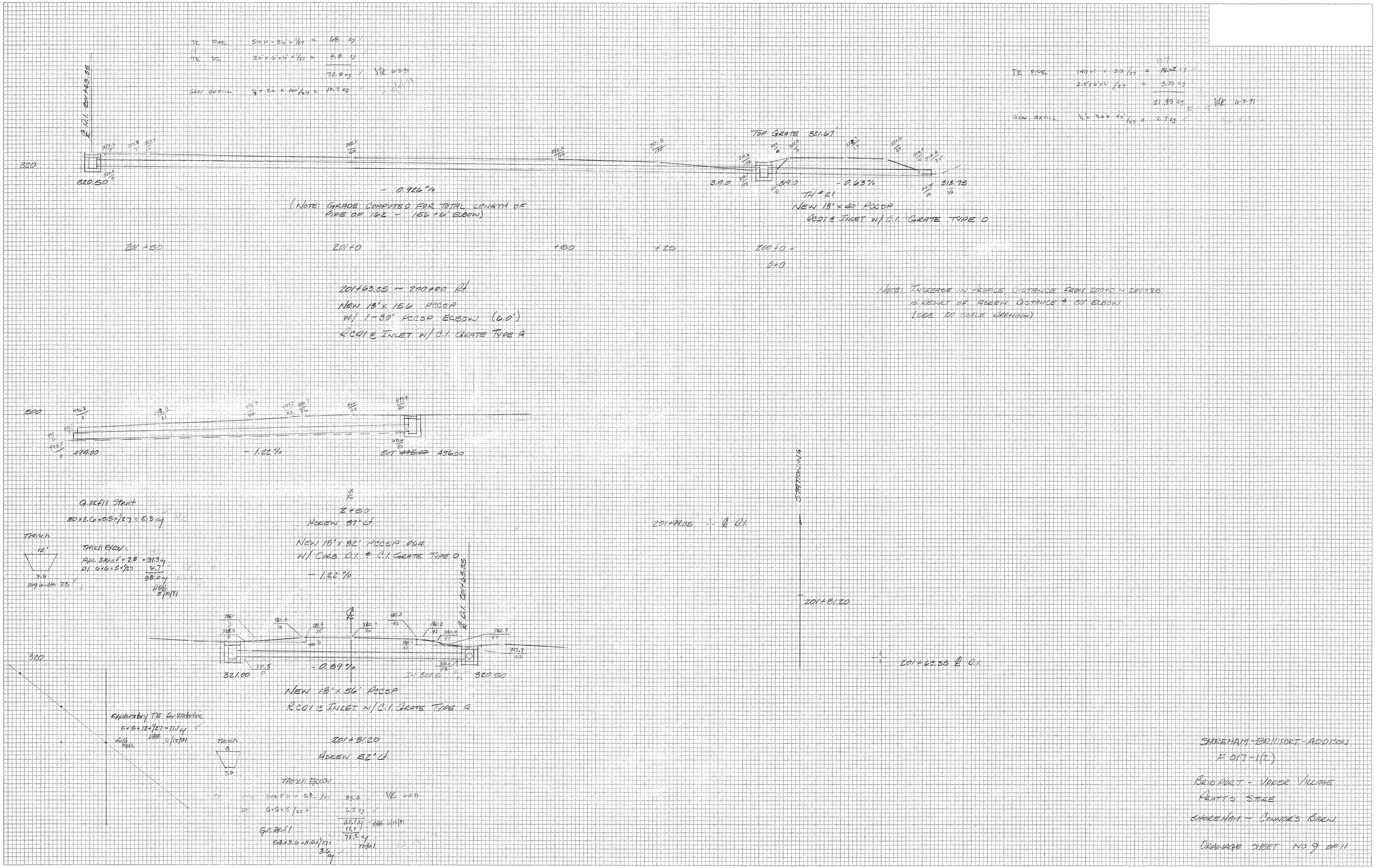
SCALE: 1"=50

165+08 ~ 168+78 Rt. BK 2J p32

NEW 18" × 370' RCCSP

R001 @ INLET W/C.I. GRATE TYPE A


310
Ø C.I. 165+08 Rt.
℄ Ø C.I.
℄
309.5
22'
309.6
12
309.8
12
309.3
78
308.8
12
309.1
78
308.7
78
308.2
78
308.3
0
307.3
0
307.3
4.2
306.8
12
306.8
12
306.8
12



SHOREHAM - BRIDPORT - ADDISON
F 017-1(2)

BRIDPORT - UPPER VILLAGE
PRATT'S STORE

SHOREHAM ~ CONNOR'S BARN

DRAINAGE SHEET NO 9 OF 11

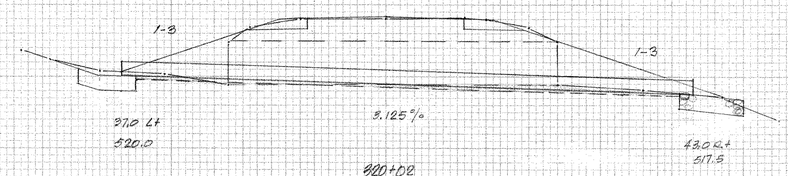
FINAL SURVEY NOTE BOOK No. SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED BY DATE

ORIGINAL SURVEY NOTE BOOK No. SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED BY DATE

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

498

520



320+02
REMOVE EXISTING 72" CATTLE PASS
NEW 24"x80' PCCSP

BK 2E p 43

Trench Excav (Temp 24" removal)

40' x 4.1 x 1.5 ÷ 27 = 9.1 cy ✓

field meas 10/26/90 RER

Trench Excav (Stone & New 24")

Stone 17 x 4 x 2 = 136 cf ✓

Pipe x 4.1 cf

Structure Excav (removal)

(380 sf x 12.1) − (6²/4 · π x 46) ÷ 27 = 122.1 cy ✓

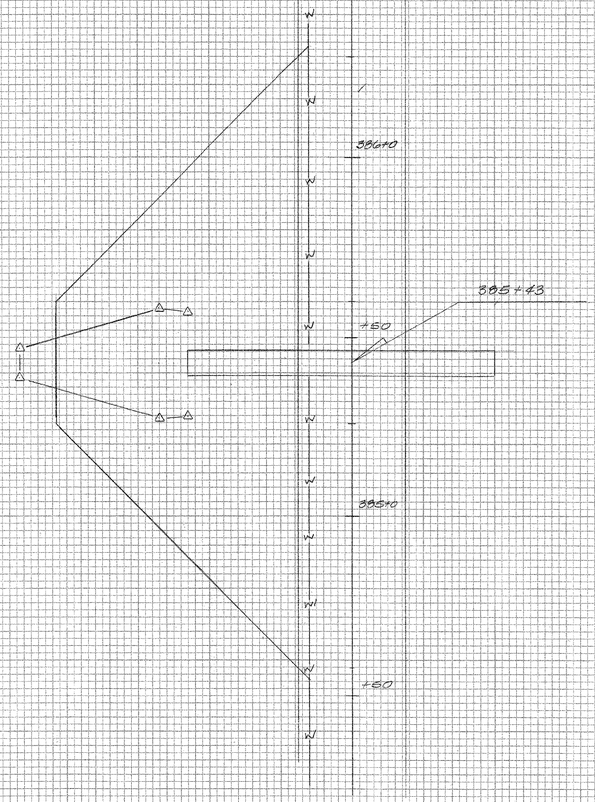
Sand Borrow

77 x 0.5 x 12.1 x 1/27 = 17.3 cy

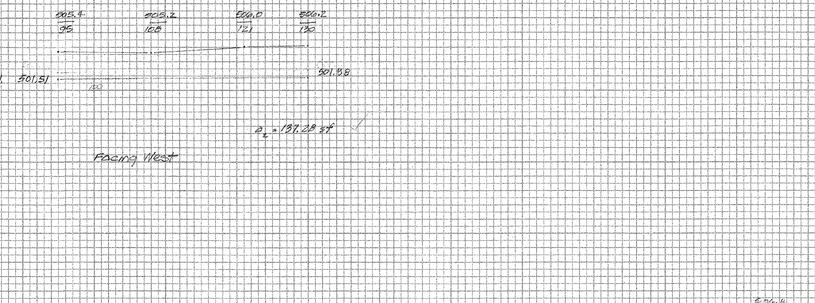
SHOREHAM-BRIDPORT-ADDISON
F 017-1(2)

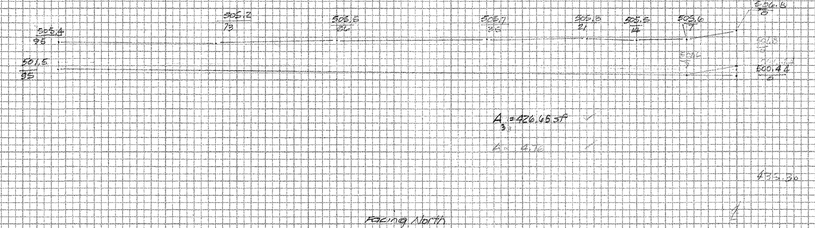
DRAINAGE SHEET No. 10 OF 11

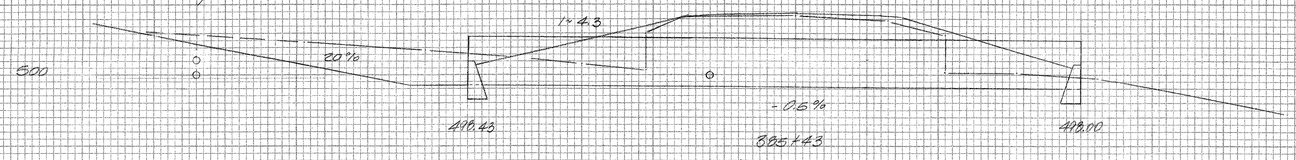
FINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE











TRENCH EXCAVATION
1. 463.22
2. 137.28
3. 426.48
1033.15 sf x 3:1 = 3266.77 cf ✓
3366.77 / 27 = 124.7 cy ✓

SHOKEHAM - BALDPORT - ADDISON
F 017-1(2)
Drainage Sheet No 11 OF 11

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

500

272+50 - 275+10
VT 125 273+00 - 276+75 RT
NEW 6" UNDERDRAIN

BK 2 P 123

STA	DIST	F.G.	AREA (Ft²) BUTT	VOL (Ft³) (CY)
272+50				
272+98		284.08	16.6	
	2			1.22
273+0		284.26		
	50			30.56
+50		288.84		30.56
274+0		293.41		30.56
+50		298.00		30.56
275+0		302.34		30.56
+10				
+50		306.00		30.56
276+0		309.41		30.56
	50			
+50		312.17		30.56
	25			
+75		314.50	16.6 BUTT	15.28
				230.42 C.Y.

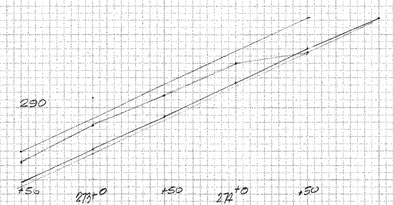
272+50 — 275+10 RT

NEW 6" UNDERDRAIN BK 2 P 123

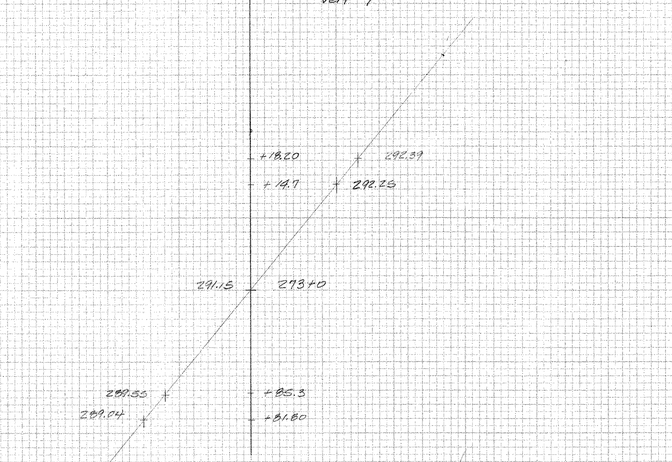
STA	DIST	TOTAL AREA	TOTAL VOL	ROCK DEPTH	ROCK AREA	ROCK VOL
272+50		16.5		3.5	10.9	
	50		30.56			21.85
273				4.0	12.7	
			30.56			21.48
+50				3.4	10.5	
			30.56			18.52
274				3.1	9.5	
			30.56			8.80
+50				0	0	
	50		30.56			
275						
	10		6.11			
+10		16.5				
			158.91 cy			70.65 cy

Tr. Rock - 70.65
Tran Earth 88.

PEB
1-3-91

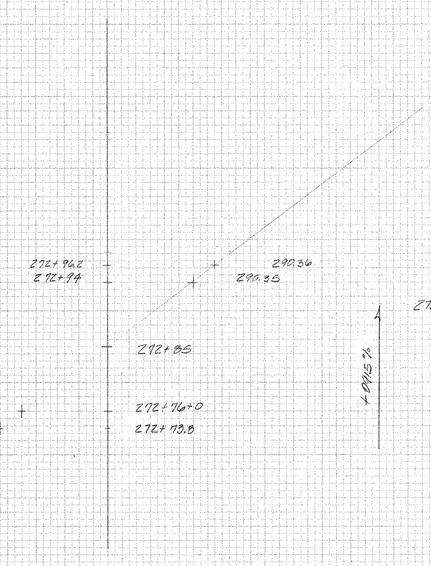


Horiz 1"=50'
Vert 1"=



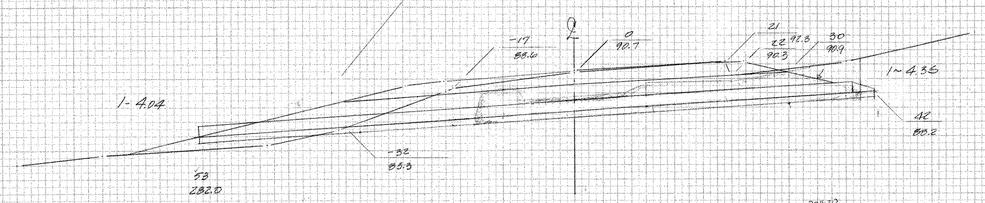
272+81.80 289.48
+85.30 289.80
273+00 291.15
+14.70 292.50
+18.20 292.82

+0.915%

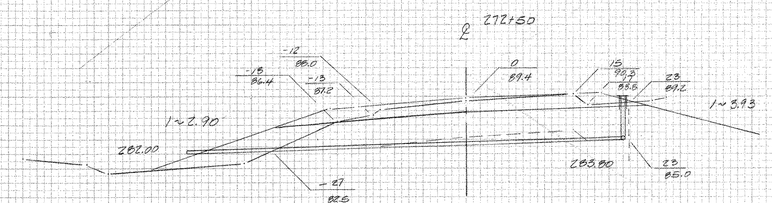


273+00 291.15
+96.2 290.80 3.8 .35
+94.0 290.60 6.0 .55
+85.0 289.78 15.0 1.37
+76.0 288.95 24.0 2.20
+73.8 288.75 26.2 2.40

+0.915%



270



290

DOES NOT INCLUDE UNDER CUT OF ROCK

T.E. 273.4 x 3.6 = 984.24
6.6 x 3.6 x 1.5 = 35.64
1019.88 ÷ 27 = 37.77 C.Y.

204.20 T.E. (INCL. 1' U.C.)
203.21
214.21 T.R.
WCR

102 S.F. x 3.6 ÷ 27 = 13.6 cy
1' x 3.6 x 95'/27 = 12.7 cy
188 SF x 3.6 ÷ 27 = 25.1 cy

Req 1.0' undercut
9-7-90 WR

273+00
ASKEW 39-30 Rt
NEW 18" x ~~42'~~ PCCSP .064
W/ M.E.S @ INLET

BK 2 P 73

272+85
ASKEW 53° Rt
NEW 6" x 62' U/D CARRIER PIPE
W/ FLUSHING BASIN

BK 2 P 125

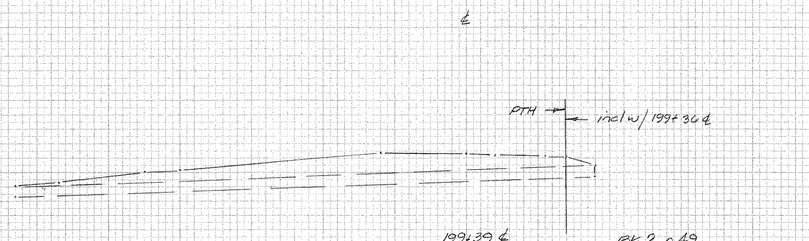
T.E. 191.75 x 2.6 = 498.55
27.65 x 2.6 x 1.5 = 107.84
606.39 ÷ 27 =
24.46 C.Y.

BRIDPORT HES F 017-1(2)

SHEET 1 OF 3

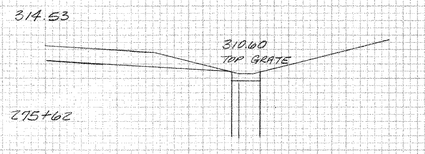
DRAINAGE

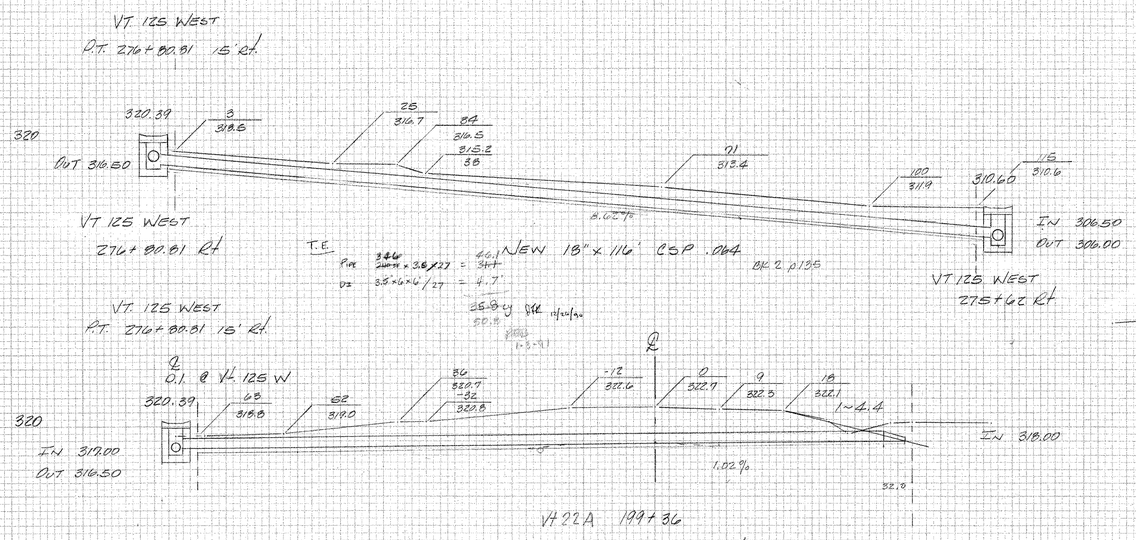
501



200 sf x 3.6 x 1/27 = 35 cy

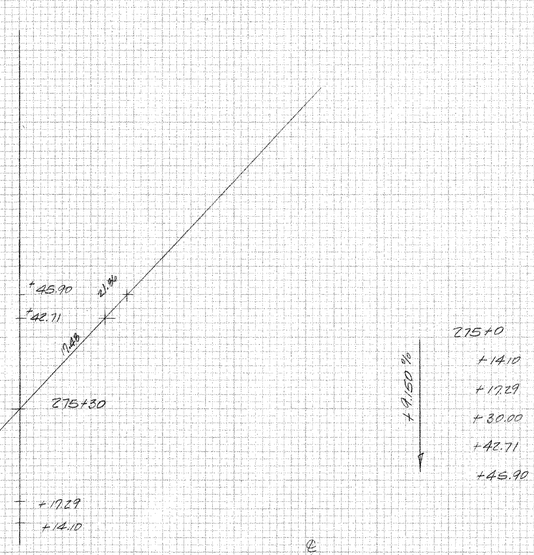
KED 3/11/90





VT 22A 199+36
ASKEW 66°-10' Rt
NEW 18"x 98' PCCSP (.064)
Bk 2 p 127

T.E. 410 s.f. x 3.6/27 = 54.6 cy
135 s.f. x 35/27 = 2.0 cy
56.6 cy



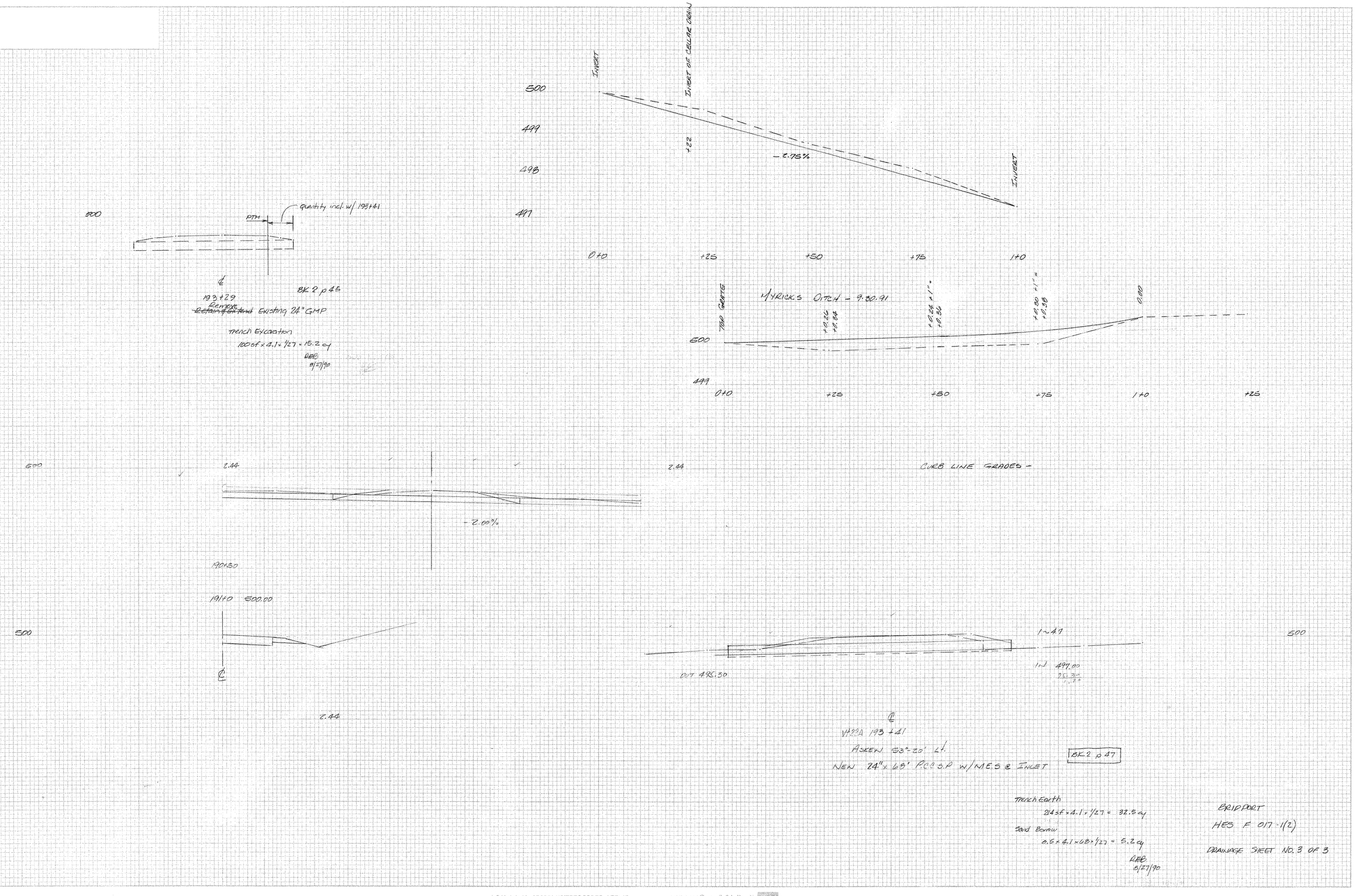
	TANGENT	V.C. CORR	ON V.C.
275+0	309.45	- 0.00	309.45
+14.10	310.14	- 0.03	310.71
+17.29	311.03	- 0.05	310.98
+30.00	312.20	- 0.14	312.06
+42.71	313.34	- 0.26	313.08
+45.90	313.65	- 0.32	313.33

T.E. D.I. 6x6x5 = 180
6x6x1.5x1.5 = 81
Pipe 3.6 x 333.20 = 1199.52
1460.52/27 = ~~54.09 cy~~
undercut 0.5x3.2x98 = 176.4
1636.9 ÷ 27 = 60.6 cy
KED 1-3-91

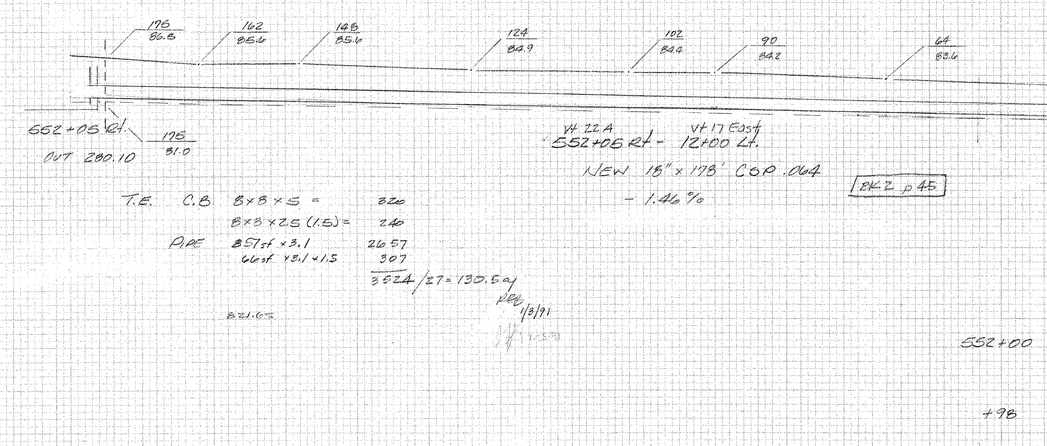
BRIDPORT HES F017-1(2)
SHEET 2 OF 3
DRAINAGE

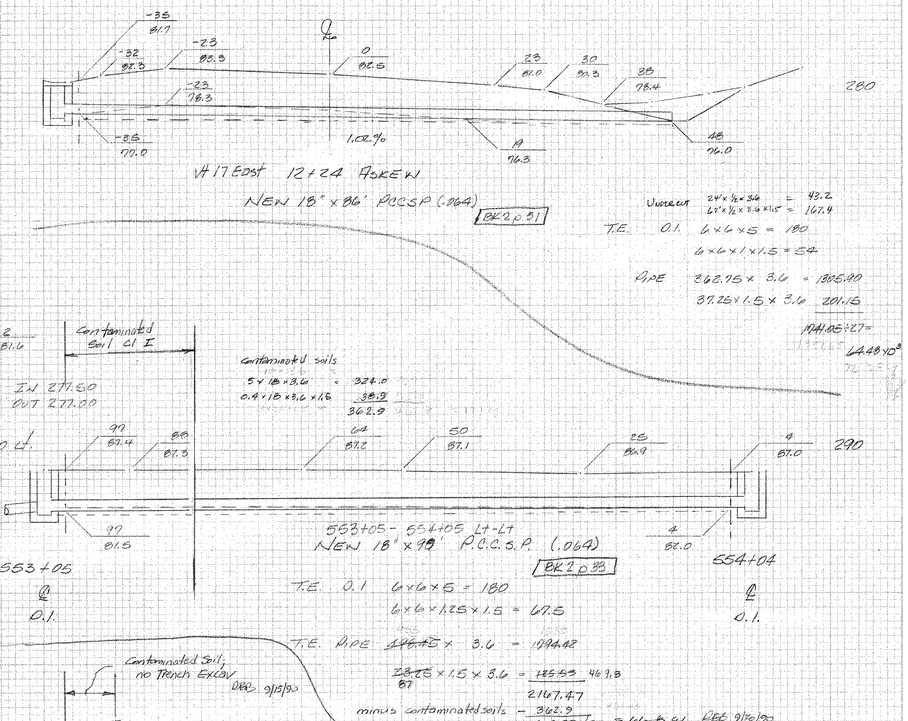
NO	MADE BY	DATE
	KED	1-3-91
	CHECKED	
	APPROVED	
	DRAWING NO.	
	SCALE: 1"=5'	
	QUANTITIES COMPUTED	
	QUANTITIES CHECKED	
	QUANTITIES APPROVED	

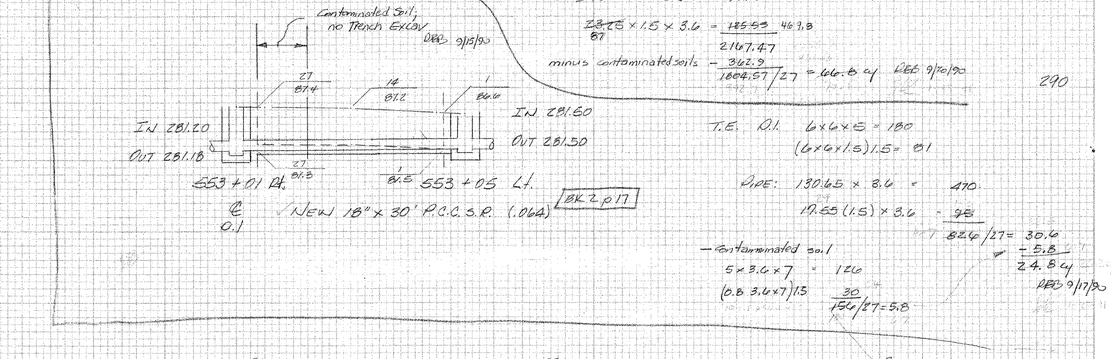
PLATE 3, CROSS SECTION-48705S Made in U.S.A. Keuffel & Esser Company

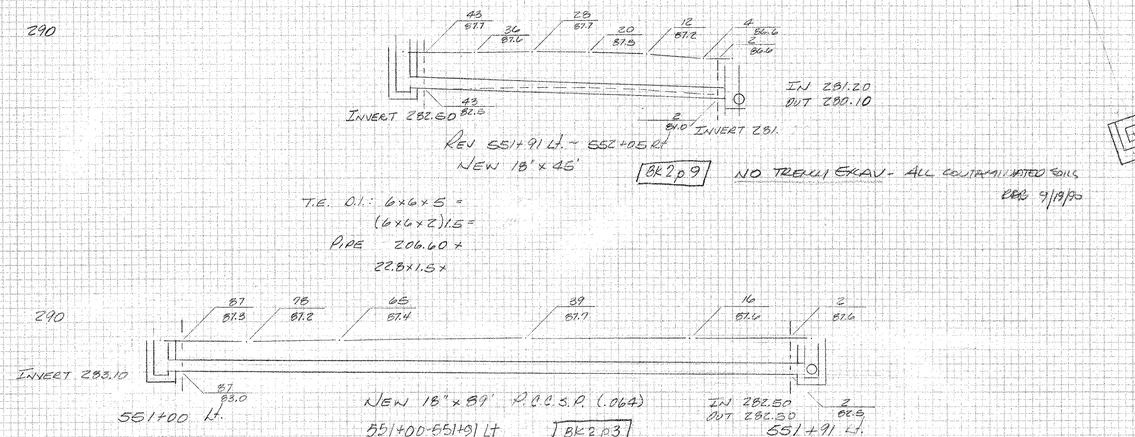


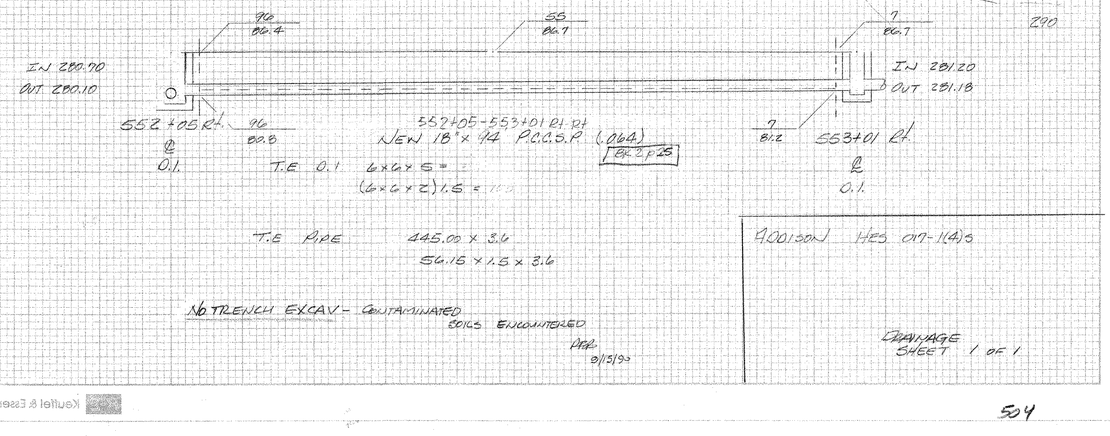
INVERT
INVERT OF CELLAR DRAIN
500
499
498
497
+22
-2.75%
INVERT
0+0
+25
+50
+75
1+0
500
PTH
Quantity incl. w/ 193+41
℄
193+29
BK 2 p 45
Remove
~~Retain & extend~~ Existing 24" GMP
Trench Excavation
100 sf x 4.1 x 1/27 = 15.2 cy
RFB
8/27/90
TOP GRATE
MYRICKS DITCH - 9.30.91
+0.26
+0.84
+0.24 +1" =
+0.36
+0.80 +1" =
+0.38
0.00
500
499
0+0
+25
+50
+75
1+0
+25
500
2.44
2.44
CURB LINE GRADES -
-2.00%
190+50
191+0 500.00
500
℄
2.44
1~4.7
500
OUT 495.30
IN 497.00
℄
V+22A 193+41
ASKEW 53°-20' Lt.
NEW 24" x 68' P.C.C.S.P w/M.E.S @ INLET
BK 2 p 47
Trench Earth
214 sf x 4.1 x 1/27 = 32.5 cy
Sand Borrow
0.5 x 4.1 x 68 x 1/27 = 5.2 cy
RFB
8/27/90
BRIDPORT
HES F 017-1(2)
DRAINAGE SHEET NO. 3 OF 3











NO	WORK CHECKED	DATE
	MOLE BOOK	1-23-91
	LEWIS JE	
	MILLER	
	ZIMMERMAN	
	DRAINAGE LAYOUT	

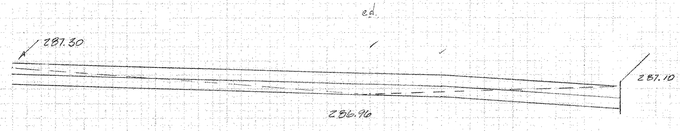
Keuffel & Esser Company PLATE 3, CROSS SECTION #47055 Made in U.S.A.



287

286

552 +85



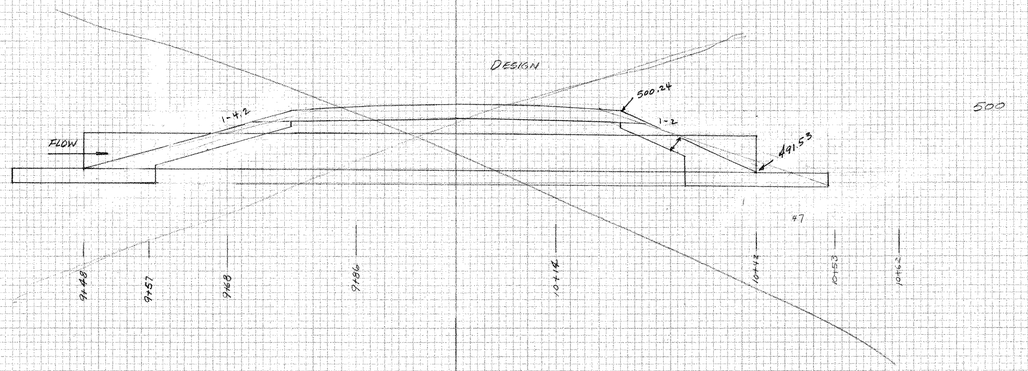
287

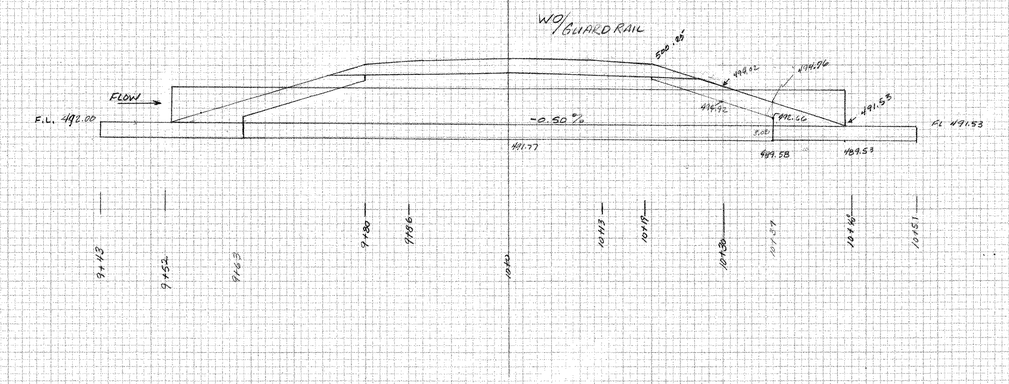
286

552 +20

℄

4/10c — FOR DRAG
NO DRAINAGE





EXCAVATION

by Ave. End Areas

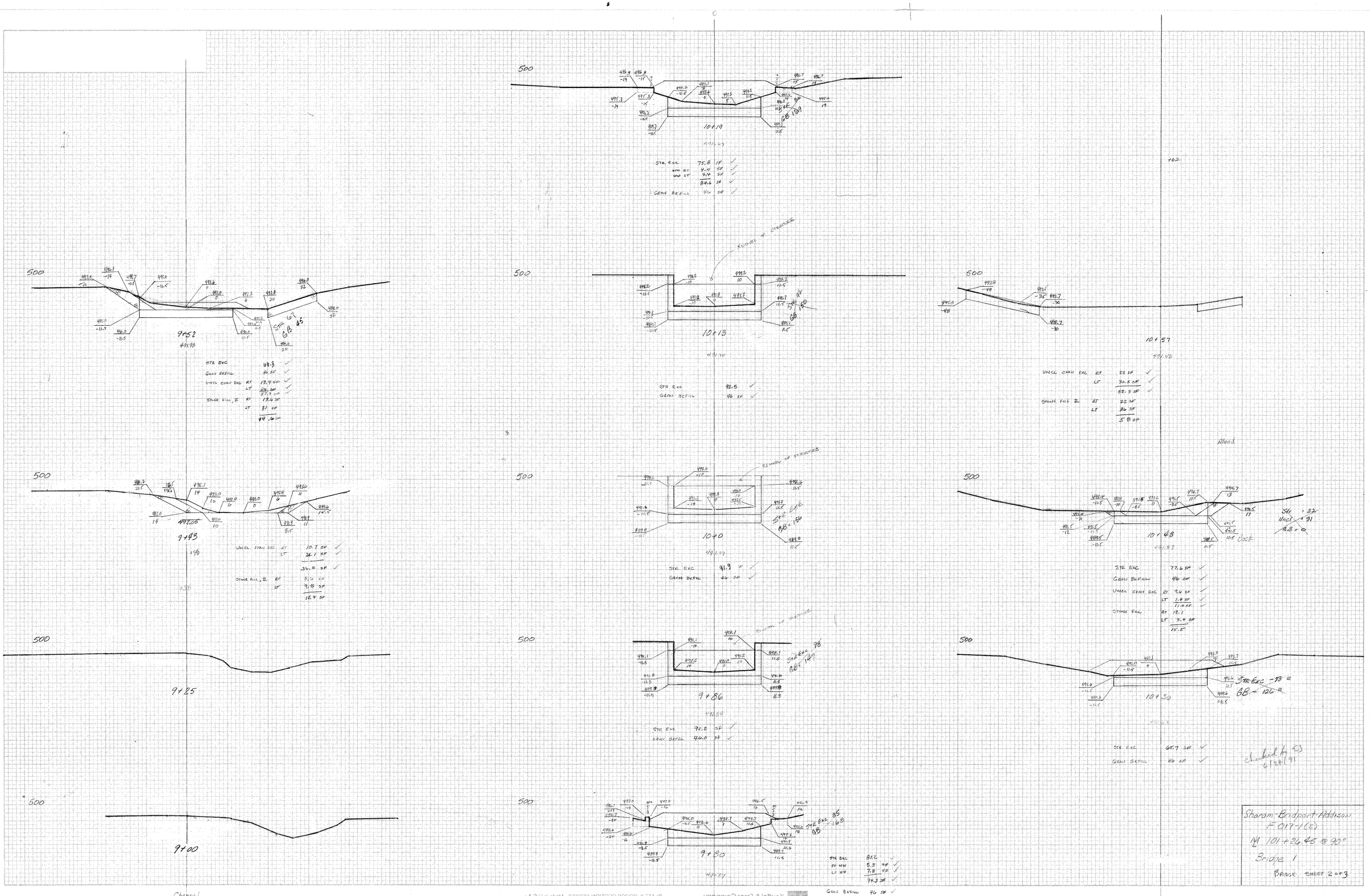
6-22-91

STA.	DIST.	UNCLAS. CHANNEL PLACE SF	UNCLAS. CHANNEL PLACE VOL, cu ft	STRUCTURE EXCAVATION SF	STRUCTURE EXCAVATION VOL, cu ft	GRAV. BEFILL FOR STRUCT SF	GRAV. BEFILL FOR STRUCT VOL, cu ft
9+43		34.8		—		—	
	9		327.15				
9+52		37.9		66.3		46	
	28				2248.4		1288
9+80		—		94.3		46	
	6				559.5		276
9+86		—		92.2		46	
	14				1288.7		644
10+00		—		91.9		46	
	13				1198.6		598
10+13		—		92.5		46	
	6				531.3		276
10+19		—		84.6		46	
	11				826.7		506
10+30		—		65.7		46	
	18				1289.7		828
10+48		11.0		77.6		46	
	9		285.75				
10+57		52.5		—		—	
Total, cu ft			612.9 / 27		7942.9 / 27		4416 / 27
Total, cy			22.7		294.18		163.6

SHOREHAM - BRIDPORT - ADDISON
F 017-1(2)

BRIDGE 1
BRIDGE SHEET 1 OF 3

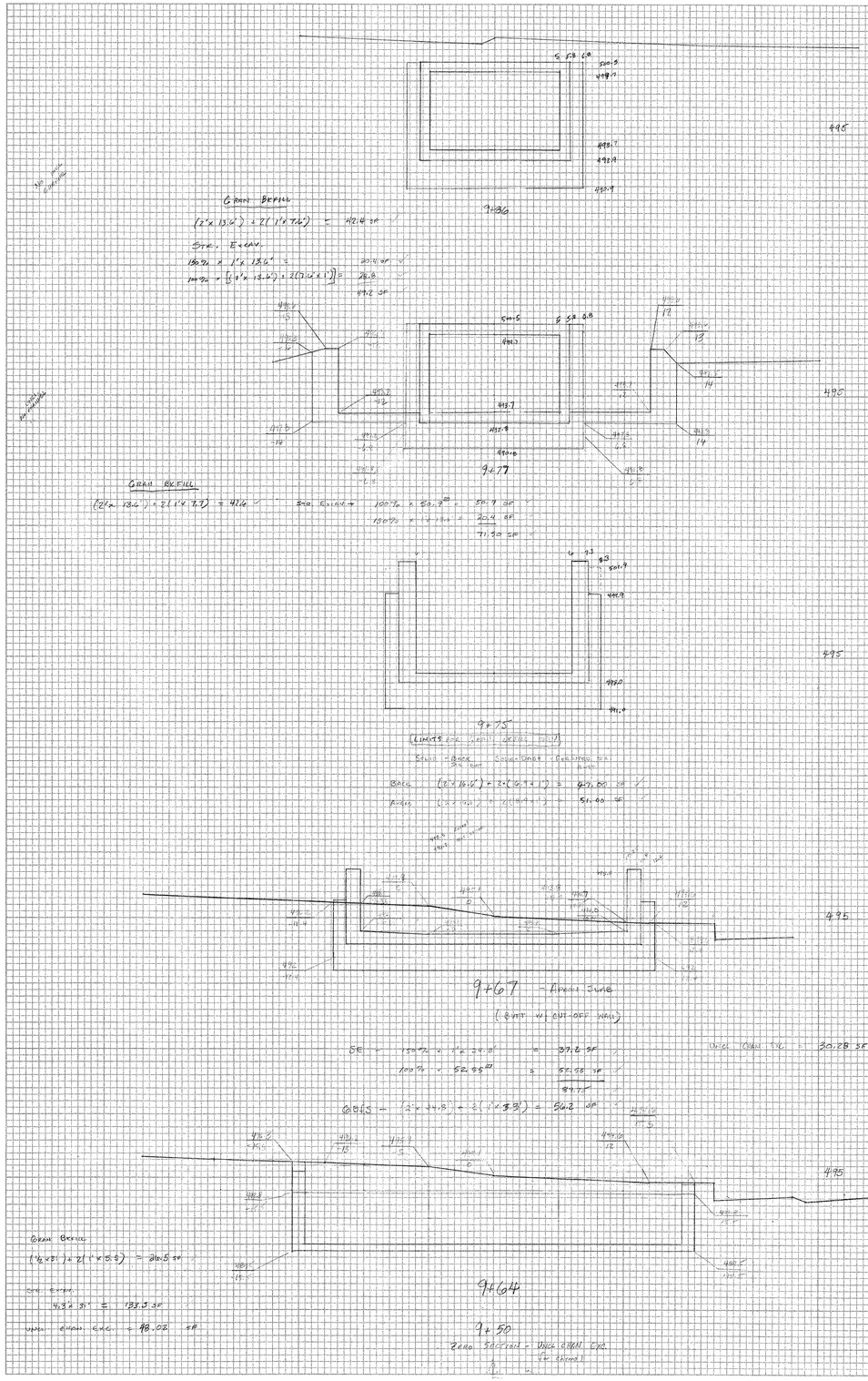
506

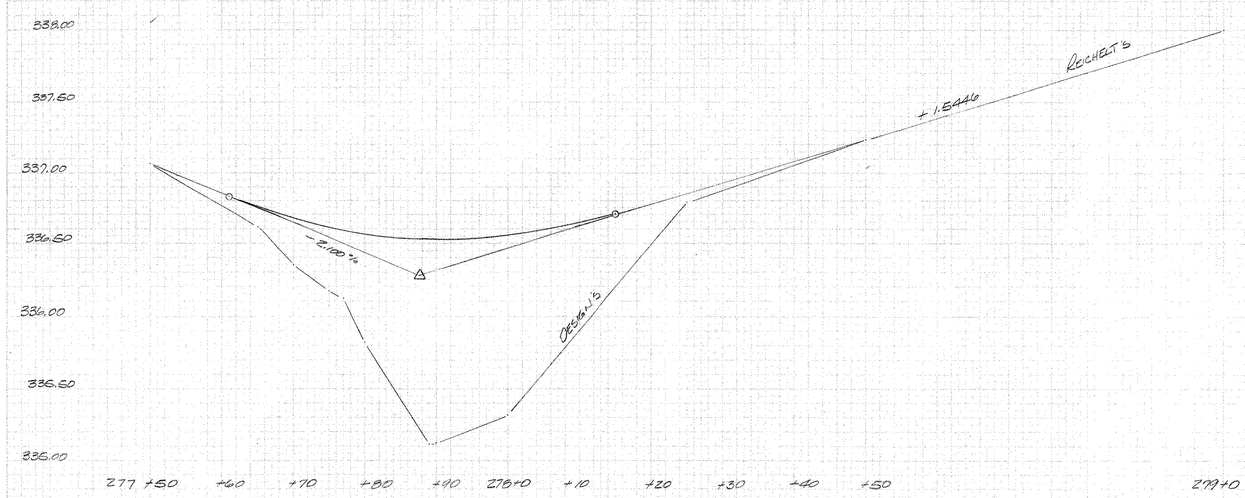


Sharam-Bridport-Addison
F 017-1(2)
℄ 101+26.45 @ 90°
Bridge 1
BRIDGE SHEET 2 OF 3

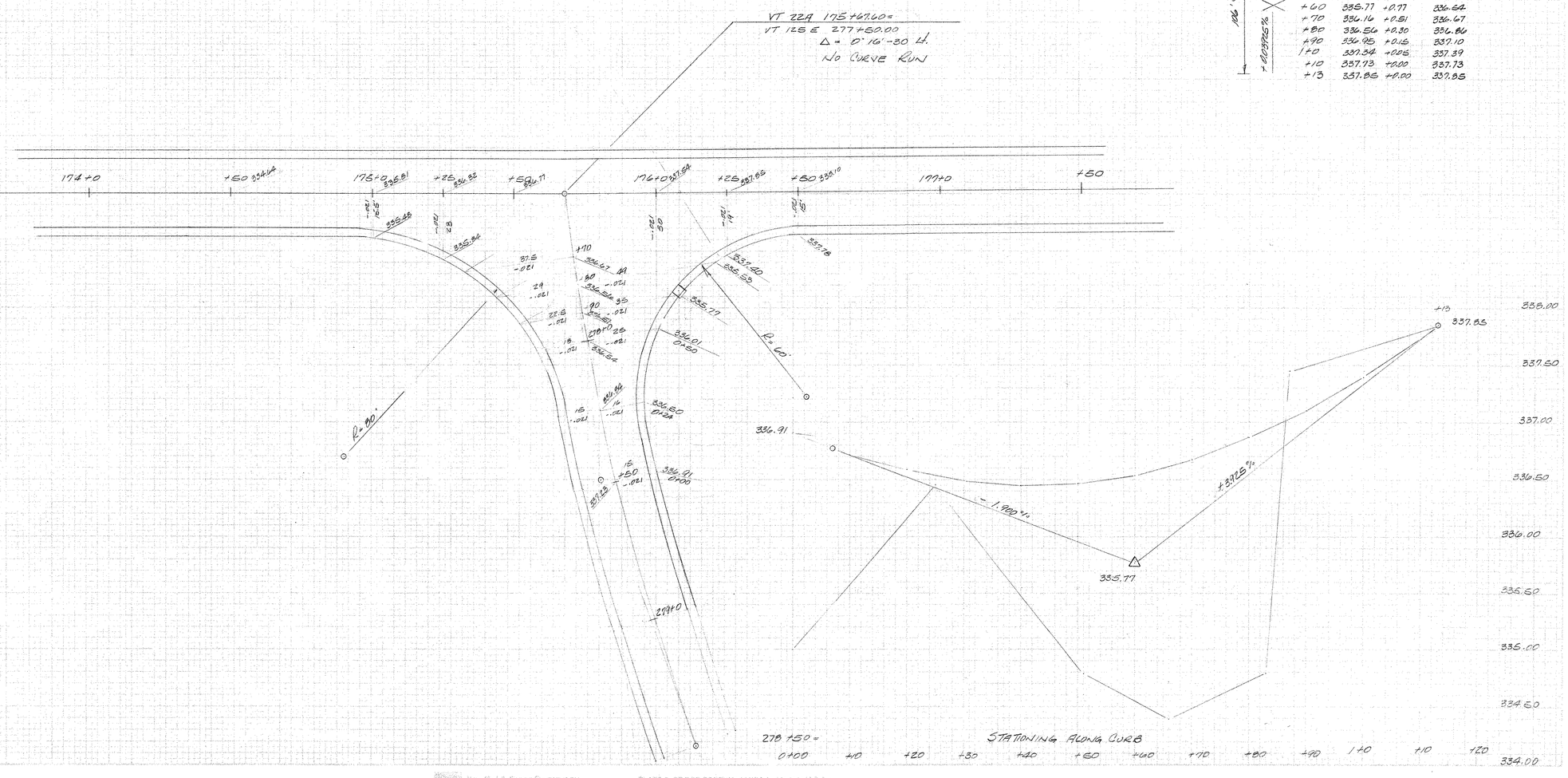
NO			
MOLE BOOK	NEW 2 CHECKED		
	NEW 2		
	LEFT TYPE		
	STOLLED		
	CHANGED		
JAMES			

NO			
MOLE BOOK	NEW 2 CHECKED		
	NEW 2		
	LEFT TYPE		
	STOLLED		
	CHANGED		
JAMES			


9+36
9+77
9+75
9+67 - Typical Jump
9+64
9+50
Zero Section - Used Chan Exc
(Use Skirted)
Limits of Excavation
Skirted - Back
Straight Shape
Sloped - Back
Curved Shape
Grav Backfill
Str. Excav.
Grav Backfill
Grav Backfill
Grav Backfill
Grav Backfill
Grav Backfill
Grav Backfill
Str. Excav.
Grav Backfill
Grav Backfill
Grav Backfill
Grav Backfill
Grav Backfill
Grav Backfill



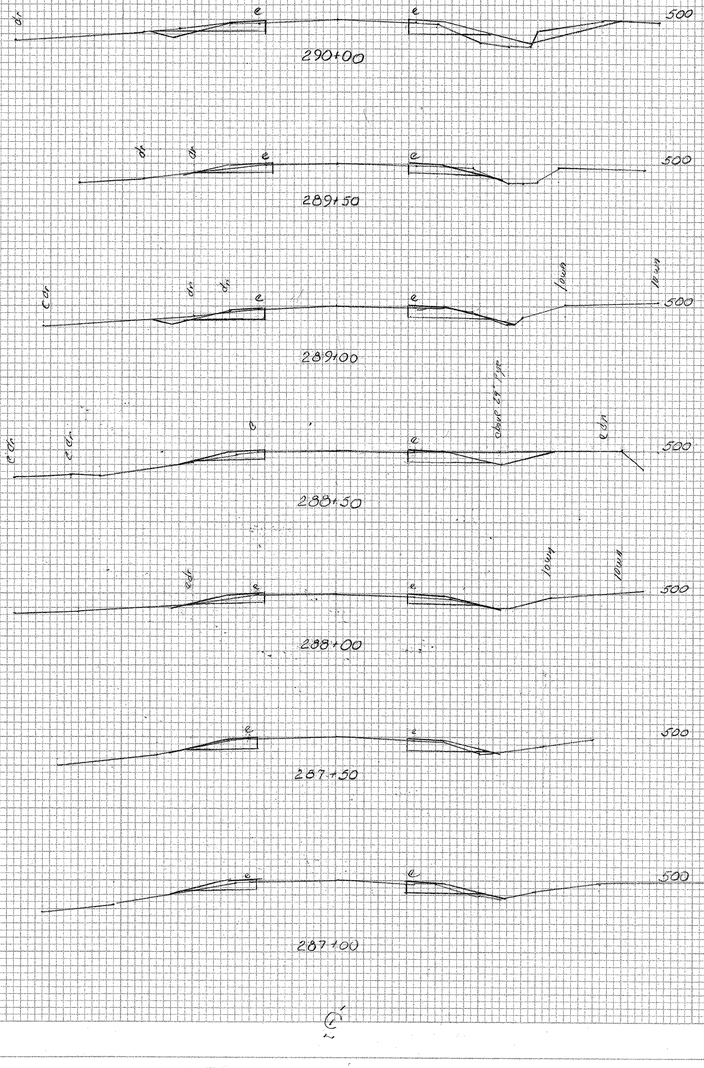
277 +50	337.07			
-2.100%	+60	336.86		
	+61	336.84	0.00	336.84
	+70	336.65	+0.02	336.67
	+80	336.44	+0.12	336.56
	+88	336.27	+0.25	336.52
	+90	336.30	+0.21	336.51
278+0		336.46	+0.08	336.54
+1.5446%	+10	336.61	+0.01	336.62
	+15	336.69	0.00	336.69
	+20	336.76		
	+25	336.84		
	+30	336.92		
	+40	337.07		
	+50	337.23		



GRADES ALONG CURBING

278+50=			
0+00	336.91		
+07	336.78	+0.00	336.78
+10	336.72	+0.00	336.72
+20	336.53	+0.05	336.58
+30	336.34	+0.15	336.49
+40	336.15	+0.30	336.45
+50	335.96	+0.51	336.47
+60	335.77	+0.77	336.54
+70	336.16	+0.51	336.67
+80	336.56	+0.30	336.86
+90	336.95	+0.15	337.10
1+0	337.34	+0.05	337.39
+10	337.73	+0.00	337.73
+13	337.85	+0.00	337.85

106' VC
-0.0190%
+0.03925%



FINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

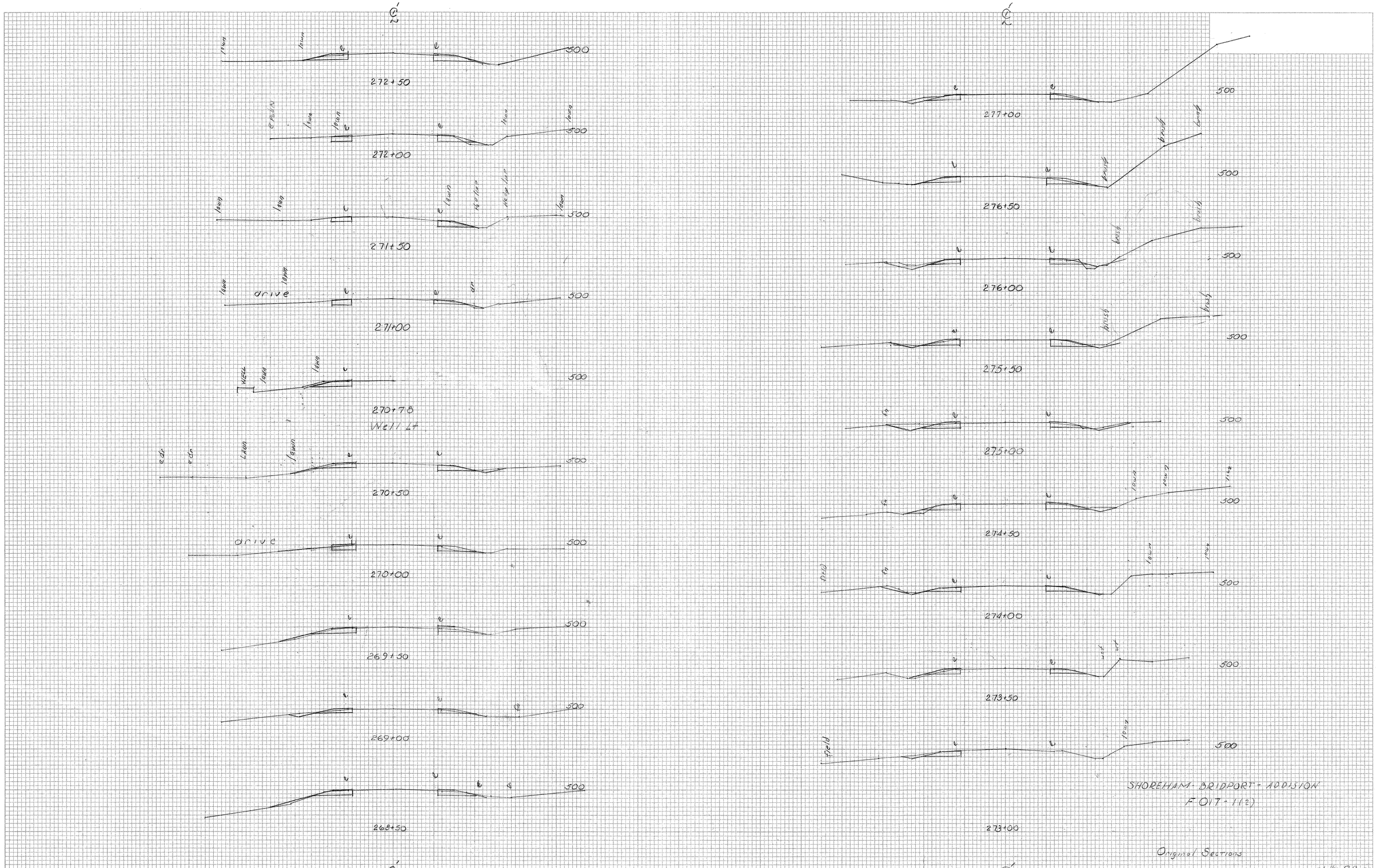
ORIGINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

SHOREHAM-BRIDPORT-ADDISON
F017-1(2)

Original Sections
Plotted R. Russell

PLATE 3 CROSS SECTION R. & R. E. STANDARD DIVISION

287+00 ~ 290+00
510 - ORIGINAL



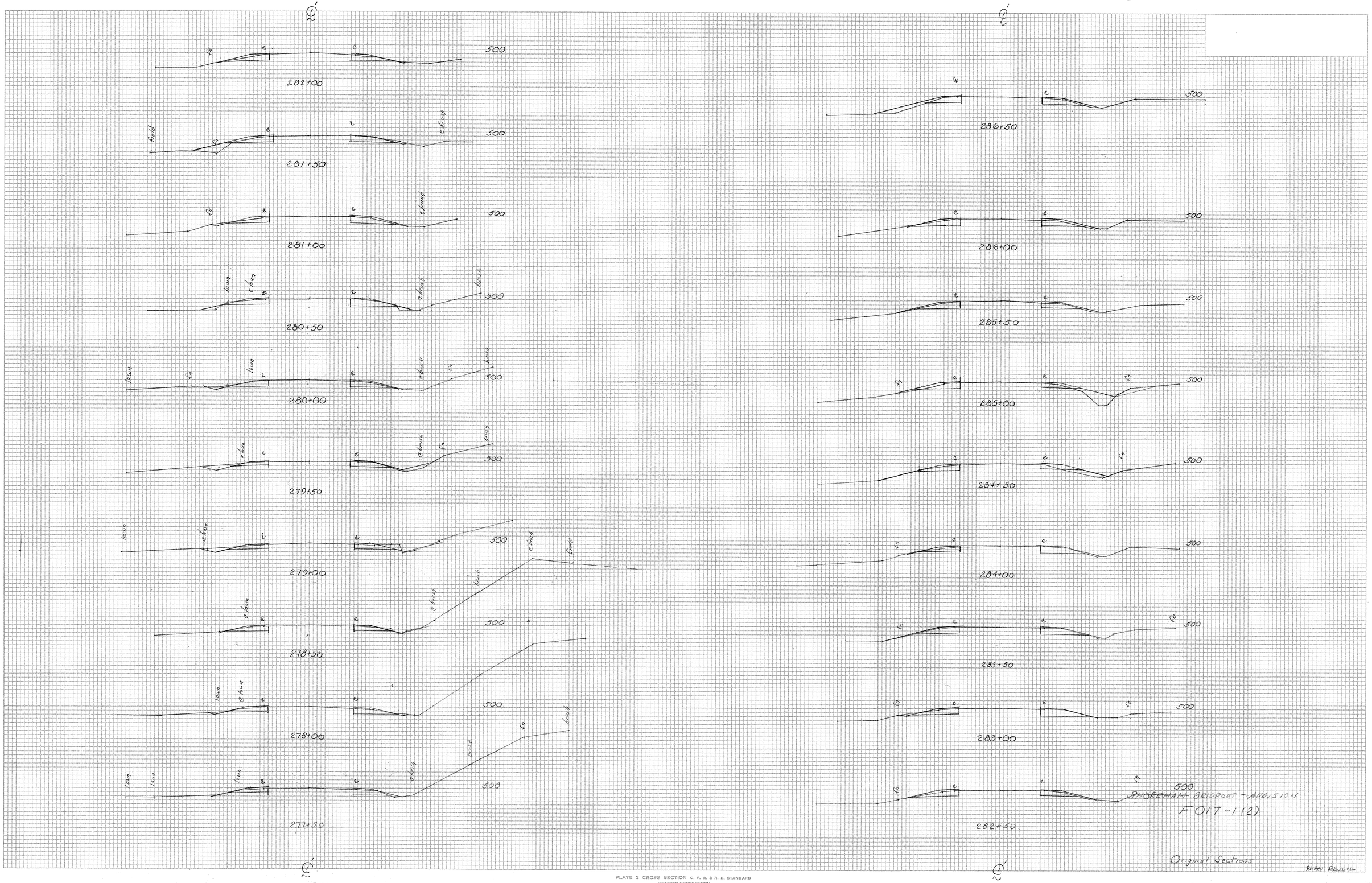
SHOREHAM - BRIDPORT - ADDISION
F 017-1(2)

Original Sections

PLATE 3 CROSS SECTION C. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

268+50 ~ 277+00

511- ORIGINAL



FINAL SURVEY NOTE BOOK No. SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED BY DATE

ORIGINAL SURVEY NOTE BOOK No. SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED BY DATE

~~SHOREHAM~~ BRIDPORT - ADDISION

F017-1(2)

Original Sections

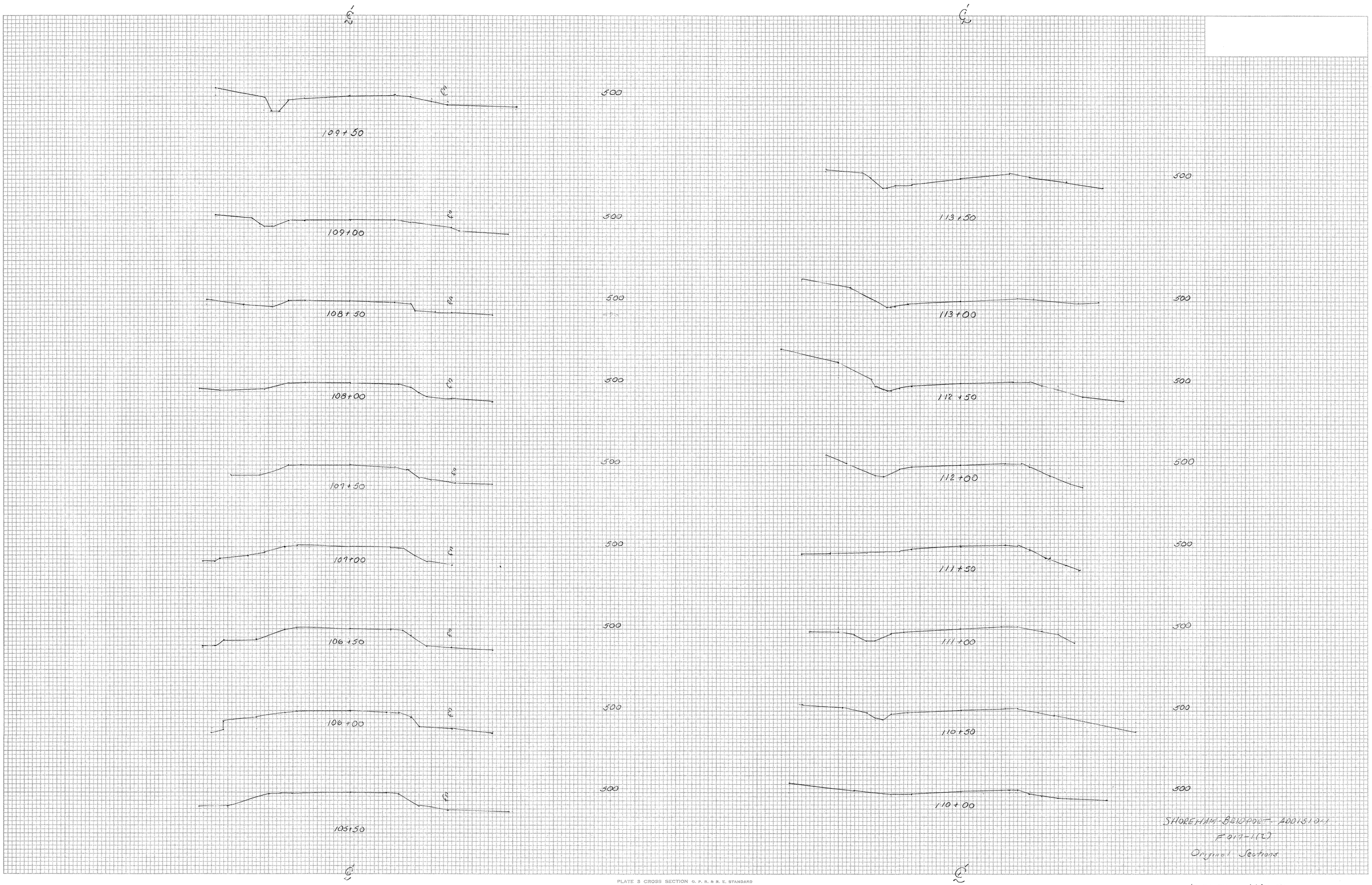
PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

277+50 ~ 286+50 512

5-17 ORIGINAL

FINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
No.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

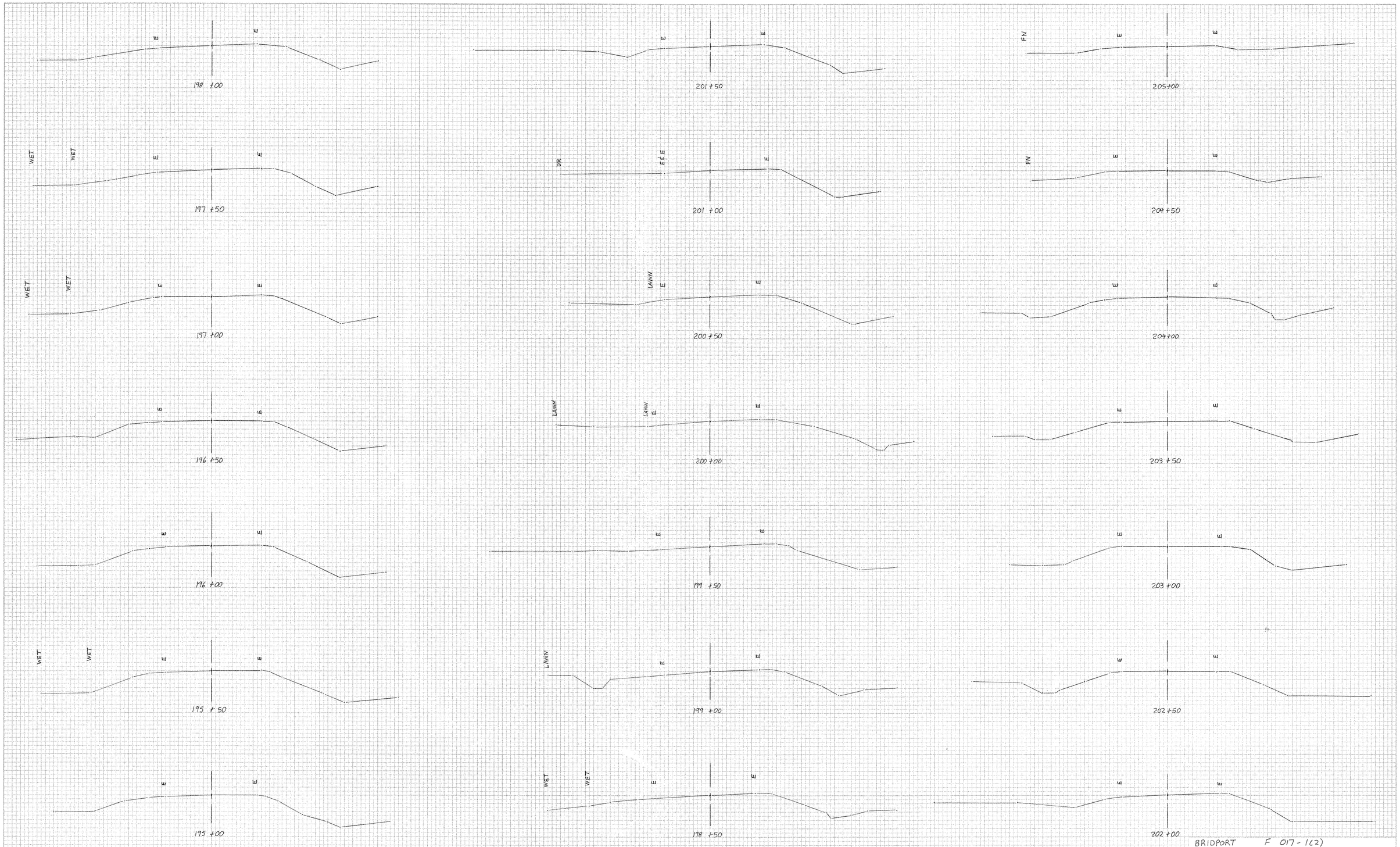


SHORELINE-BRIDGE - ADDISON
F017-1(12)
Original Sections

PLATE 3 CROSS SECTION G. P. R. & R. E. STANDARD
DIETZGEN CORPORATION

1051.50 ~ 1131.50

513 ORIGINAL

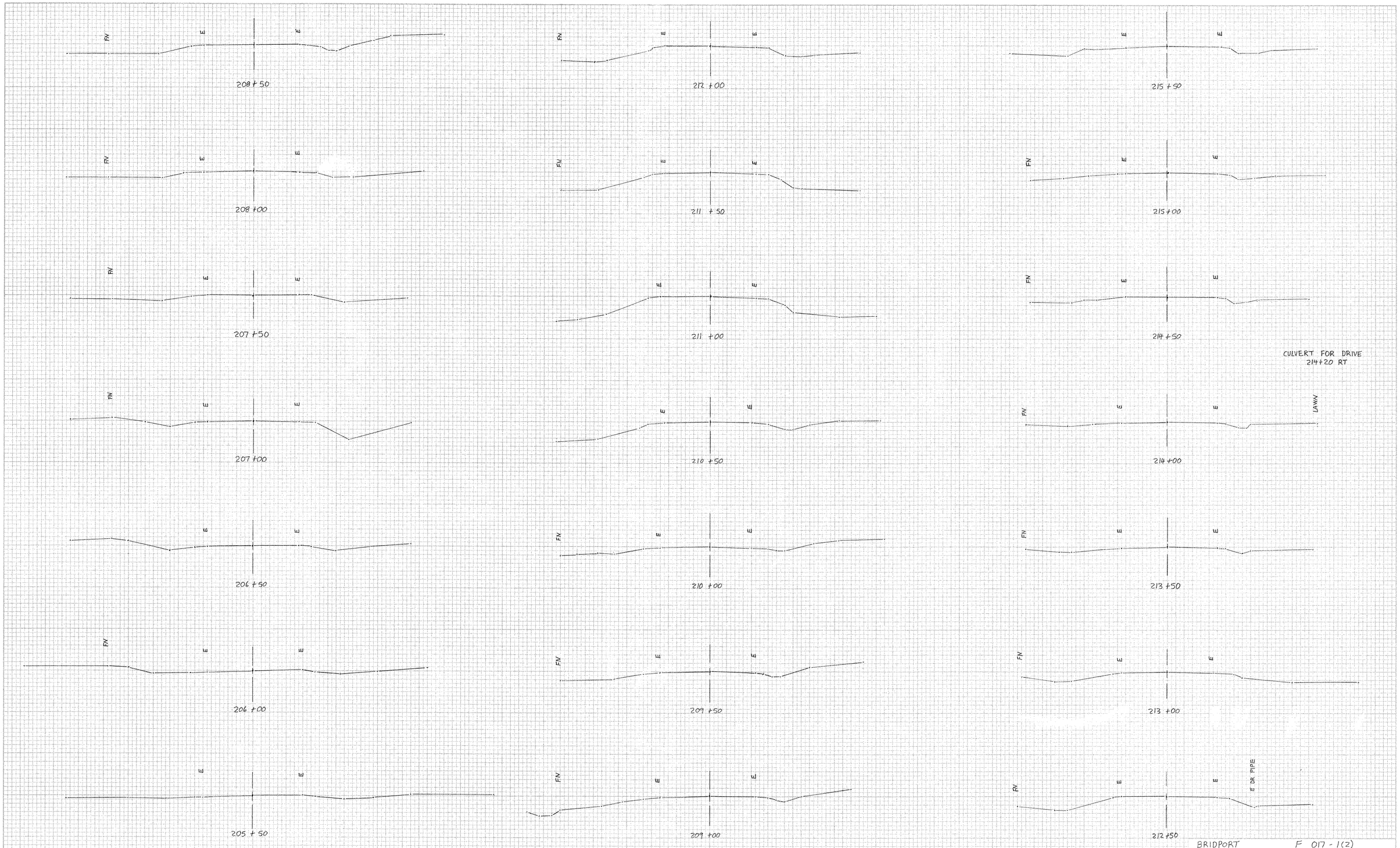


BRIDPORT F 017-1(2)

ORIGINAL SECTIONS 11-90

195+00 - 205+00 SH OF

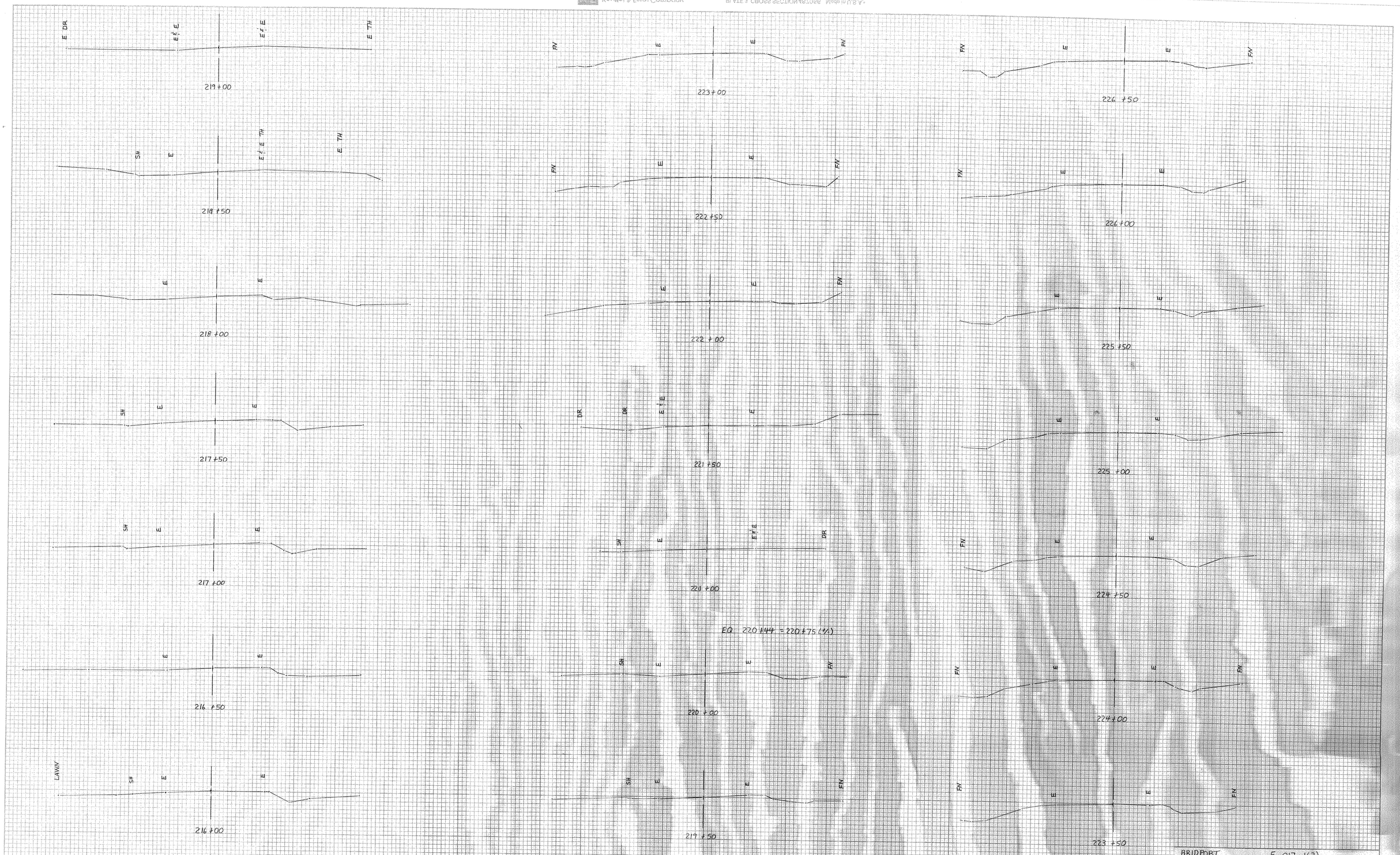
514 ORIGINAL



CULVERT FOR DRIVE
214+20 RT

BRIDPORT F 017-1(2)
ORIGINAL SECTIONS 11-90
205+50- 215+50 SH OF

515 ORIGINAL



BRIDPORT F 017-1(2)
ORIGINAL SECTIONS 11-90
216+00 - 226+50 SH OF