INDEX OF SHEETS

SEE SHEET II OF 420

RECORD PLANS

CONTRACTOR: EARTH CONSTRUCTION, GROTON, VT
PROJECT COMPLETED BY ST PAUL MERCURY INC.-BONDING CO.
RESIDENT ENGINEER: WILLIAM REICHELT
CONSTRUCTION BEGAN: 7/21/90
CONSTRUCTION COMPLETED: 11/30/93
RECORD PLANS BY: WILLIAM REICHELT & Peter Nye

I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.

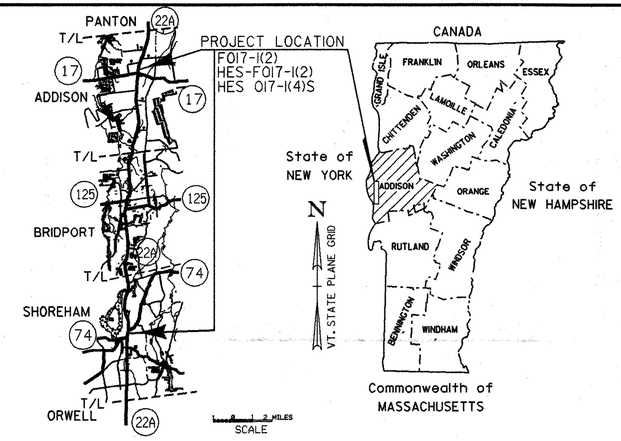
By William Reichelt by PCP Resident Engineer

Date 8 April 1997

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found on microfilm in Central Files.

STATE OF VERMONT
AGENCY OF TRANSPORTATION

PROPOSED IMPROVEMENT
VT 22A (F.A.P.)



TOWNS OF SHOREHAM-BRIDPORT-ADDISON COUNTY OF ADDISON F 017-1(2)

BEGINNING AT THE INTESECTION OF VT. 22A AND VT. 74. IN THE TOWN OF SHOREHAM 3.536 MILES NORTHERLY OF THE ORWELL-SHOREHAM TOWN LINE AND EXTENDING NORTHERLY 13.263 MILES THROUGH THE TOWN OF BRIDPORT AND INTO ADDISON TO A POINT 258.44' SOUTHERLY OF THE INTERSECTION WITH VT. 17; 4.123 MILES NORTHERLY OF THE BRIDPORT-ADDISON TOWN LINE.

TOWN OF SHOREHAM	15,038 FEET=	2.848 MILES
TOWN OF BRIDPORT	29,821 FEET=	5.648 MILES
TOWN OF ADDISON	21,721 FEET=	4.114 MILES
LENGTH OF PROJECT	66,580 FEET=	12.610 MILES

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES A 2" BITUMINOUS CONCRETE OVERLAY, TYPE II, WITH 2" BITUMINOUS CONCRETE SHOULDERS (OVER A 4" BASE TYPE I) ON A 3-12-12-3 TYPICAL, UP-GRADING OF GUARD RAIL, DITCHING AND DRAINAGE IMPROVEMENTS, SPOT IMPROVEMENTS OF POOR SUBBASE AREAS, AND THE ELIMINATION OF ROADSIDE HAZARDS IN THE 10' CLEAR ZONE BY EXTENDING CULVERTS, REMOVING LEDGE AND OTHER OBSTACLES AND BY CUTTING AND REMOVING TREES AND STUMPS.

TOWN OF BRIDPORT COUNTY OF ADDISON HES-F 017-1(2)

BEGINNING AT A POINT ON VT 22A IN THE TOWN OF BRIDPORT, 3.156 MILES (STATION 166+50) NORTHERLY OF THE SHOREHAM-BRIDPORT TOWN LINE AND EXTENDING NORTHERLY 0.653 MILES (3450 FT) TO A POINT AT MILE MARKER 3.809 (STATION 201+00).

TOWN OF BRIDPORT	3450 FEET=	0.653 MILES
LENGTH OF PROJECT	3450 FEET=	0.653 MILES

WORK TO BE PERFORMED UNDER THIS PORJECT INCLUDES ONE SECTION OF A 2" BITUMINOUS CONCRETE OVERLAY, WITH 2" BITUMINOUS CONCRETE SHOULDERS (OVER A 4" BASE TYPE I), ON A 3-12-12-3 TYPICAL; WHILE THE OTHER SECTION IS RE-CONSTRUCTION WITH BITUMINOUS CONCRETE PAVEMENT, BASE, SUBBASE, AND SAND BORROW.

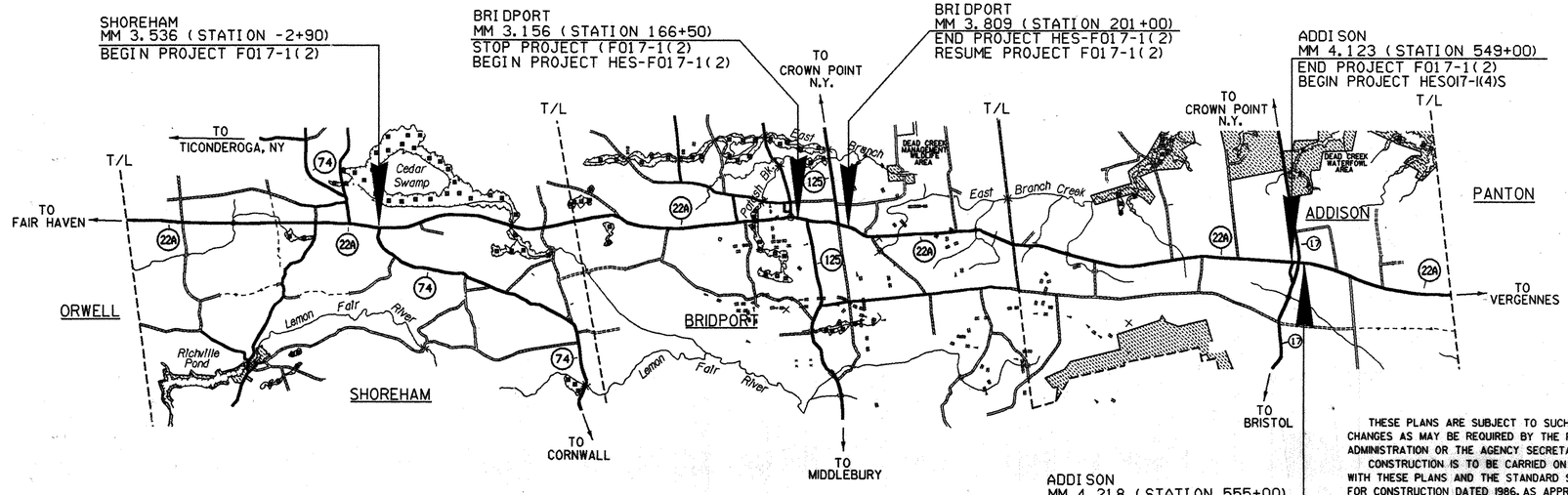
TOWN OF ADDISON COUNTY OF ADDISON HES 017-1(4)S

BEGINNING AT A POINT ON VT 22A IN THE TOWN OF ADDISON, 4.123 MILES (STATION 549+00) NORTHERLY OF THE BRIDPORT-ADDISON TOWN LINE AND EXTENDING NORTHERLY 0.095 MILES TO A POINT AT MILE MARKER 4.218 (STATION 555+00).

TOWN OF ADDISON	500 FEET=	0.095 MILES
LENGTH OF PROJECT	500 FEET=	0.095 MILES

WORK TO BE PERFORMED UNDER THIS PROJECT CONSISTS OF COLD PLANING, LEVELING, RESURFACING WITH BITUMINOUS CONCRETE OVERLAY, PAVEMENT WIDENING TO INCLUDE PAVED SHOULDERS AND CLOSED DRAINAGE. INSTALLATION OF SAFETY ENHANCEMENT FEATURES INCLUDING NEW SIGNS, FLASHING LIGHTS, ADVISORY SPEED SIGNS, CURBING.

VT STATE PLANE GRID



TRAFFIC DATA

1990 ADT	= 2890
2000 ADT	= 3400
DHV	= 475
D	= 53%
T	= 10%
V	= 50 MPH

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 N/A
HORIZONTAL NGVD 1929

SCALE
1 0 1 2 MILES

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE AGENCY SECRETARY.

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.

SHOREHAM-BRIDPORT-ADDISON
F 017-1(2)
BRIDPORT HES-F017-1(2)
ADDISON HES 017-1(4)S
83B030TI2.PRF

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD

APPROVED Stephen B. MacArthur DATE 2/5/90
DIRECTOR OF PLANNING & PRECONSTRUCTION

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED Harry A Jensen DATE 2/16/90
Ass't DIVISION ADMINISTRATOR

PROJECT SHOREHAM-BRIDPORT-ADDISON
SEE ABOVE

SHEET 1 OF 77 SHEETS

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II	COMPOSITE INDEX OF SHEETS
III-VIII	COMPOSITE QUANTITY SHEETS
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2	INDEX OF SHEETS
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7-11	QUANTITY SHEETS
12-24	ITEM DETAIL AND DRAINAGE SHEET
25-34	GRADE AND EARTHWORK SHEET
35-36	BLANK
37-117	R.O.W. DETAIL SHEETS
118-119	BLANK
120	TIE SHEET
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193-194	ADDISON	EXISTING SIGNS
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220-224		SIGN SUMMARY
196-197	BRIDPORT	EXISTING SIGNS
204-205	(HES)	NEW SIGNS & PAVEMENT MARKINGS
225-230		SIGN SUMMARY

231-233	BLANK
234-235	SIGN DETAILS
236	CONSTRUCTION APPROACH SIGNING
237	TRAFFIC NOTES
238	PAVEMENT MARKING DETAILS
239	BLANK
240	BARBED WIRE FENCE (4-STRAND) DETAIL
241	MAILBOX, DETAIL
242	BR 100 SERIES
243-247	BR 200 SERIES
248	TEMPORARY DETOUR DETAILS
249-251	BLANK

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415-420	CROSS SECTION SHEETS, VT 125 (EAST) HES F 017-1(2)
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431	TITLE SHEET ADDISON HES017-1(4)S
432	TYPICAL SHEET
433-435	QUANTITY SHEETS
436	ITEM DETAIL AND DRAINAGE SHEET
437	GRADE AND EARTHWORK SHEET
438	BLANK
439-442	R.O.W. DETAIL SHEETS
443-445	PLAN AND PROFILE SHEETS
446	COLD PLANING DETAIL SHEET
447	SIGHT LINE INFORMATION
448	MAILBOX DETAIL
449-450	BLANK
451	EXISTING SIGN SHEET
452-453	NEW SIGN SHEETS
454-460	TRAFFIC SIGN SUMMARY SHEETS
461-465	TRAFFIC DETAILS AND NOTES
466	BLANK
467-471	CROSS SECTIONS-VT22A
472-473	CROSS SECTIONS-VT17 EAST
474-477	CROSS SECTIONS-VT17 WEST

STANDARDS

A-60	SLOPES IN SOLID ROCK EXCAV. (50MPH & OVER)	04-02-86
B-5	SLOPE GRADING, EMBANKMENTS, MUCK	12-06-71
B-11	UNDERDRAIN - ROCK SUBGRADE, SLOPE STABILIZ.	12-12-74 R
B-17	GUARD RAIL, BRIDGES, REST AREA, TURNOUTS	10-25-85 R
B-71A	RESIDENTIAL DRIVES	07-18-88
C-1	CURBS, BITUMINOUS CONCRETE SIDEWALKS	10-25-85 R
C-2A	CEMENT CONCRETE SIDEWALK, CONCRETE CURB	10-25-85 R
D-2	C.R.M. HEADWALLS, UNDERDRAIN	10-30-85 R
D-3	TREATED GUTTERS	04-02-86
D-4	FLUSHING BASINS, END SECTION, ELBOWS	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-11	GRATES & COVERS	08-24-81 R
D-13	REINFORCED CONCRETE MANHOLE	08-10-81 R
D-15	PRECAST REINF. CONC. MH-GRATES (BICYCLE SAFE)	10-30-85 R
D-16	PRECAST CURB DI, GRATE, RCP END SECTION, ETC.	10-30-85 R
D-20	HIGHWAY CROSSING FOR UNDERGROUND UTILITIES	10-30-85 R
E-9	UTILITY WORK ZONE	02-03-86 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-120	STANDARD SIGN PLACEMENT - EXPRESSWAY & FREEWAY	06-21-89 R
E-121	STANDARD SIGN PLACEMENT - CONVENTIONAL ROAD	01-23-89
E-123	GUIDE SIGN PLACEMENT - MISCELLANEOUS DETAILS	01-23-89 R
E-124	TOWN LINE SIGNS	01-23-89
E-130	TYPE ''B'' GUIDE SIGN, ATTACHMENT DETAILS	03-01-88 R
E-131	GUIDE SIGN DETAILS	10-18-89 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-152	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
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E-191	PAVEMENT MARKING DETAILS	01-23-89 R
G-1	STEEL BEAM GUARDRAIL (50MPH & OVER)	10-31-85 R
G-4	MARKERS - GUIDE POSTS - PLANK GUARD RAIL	10-31-85 R
G-14	BREAKAWAY CABLE TERMINAL W/WOOD POSTS	11-01-88 R
G-18	TEMPORARY PRECAST CMB	01-19-88
J-1	PROJECT AND BOUNDARY MARKERS	06-27-80
T-1	TEMPORARY EROSION CONTROL DETAILS	12-07-76 R
T-2	TEMPORARY EROSION CONTROL DETAILS	07-05-72
SB-R6-82	BRIDGE RAILING, HEAVY DUTY STEEL BEAM	12-13-84 R

DATUM
VERTICAL _____
HORIZONTAL _____

SURVEYED BY _____ DATE _____
DRAWN BY L. BULLOCK DATE 10-89
SQUAD LEADER J. PERKINS
DESIGN FILE NO. [50,63] 83B030.DGN DATE PLOTTED 12-5-89
PROJ. NAME BRIDPORT HES F 017-1(2)
SHOREHAM-BRIDPORT-ADDISON F 017-1(2)
PROJ. NO.

SHEET II OF 477 SHEETS

QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

BRIDPORT HES-F017-I(2)					SHOREHAM - BRIDPORT - ADDISON F017-I(2)							ADDISON HES 017-I(4)S					APPROXIMATE SUMMARY OF QUANTITIES				
TRAI N.	NON-GVT PART.	EROSI ON CONTROL	ROAD	TOTAL	TRAI N.	NON-GVT PART.	EROSI ON CONTROL	BR 100	BR 200	ROAD	TOTAL	TRAI N.	NON-GVT PART.	EROSI ON CONTROL	ROAD	TOTAL	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
			1	1		1				5	6						7	AC	CLEARING AND GRUBBING (PLUS INDIVIDUAL TREES AND STUMPS)	201.11	EST.
						5					5						5	EA	REMOVING SMALL TREES	201.15	EST.
						40					40						40	EA	REMOVING SMALL STUMPS	201.20	EST.
			1	1						2	2						3	AC	THINNING AND TRIMMING	201.30	EST.
			11100	11100						53500	53500				600	600	65200	CY	COMMON EXCAVATION	203.15	
										1400	1400						1400	CY	SOLID ROCK EXCAVATION	203.16	
								180	60	660	900						900	CY	UNCLASSIFIED CHANNEL EXCAVATION	203.27	
			1700	1700						1230	1230				100	100	3030	CY	SAND BORROW	203.31	
								490		1200	1690						1690	CY	GRANULAR BORROW	203.32	
		50	470	520			650			3990	4640			10	790	800	5960	CY	TRENCH EXCAVATION OF EARTH	204.20	
			2	2						228	228				50	50	280	CY	TRENCH EXCAVATION OF ROCK	204.21	
								300	70	1030	1400						1400	CY	STRUCTURE EXCAVATION	204.25	
			31	31				130	40	479	649				95	95	775	CY	GRANULAR BACKFILL FOR STRUCTURES	204.30	
			370	370						350	350				950	950	1670	SY	COLD PLANNING BITUMINOUS CONCRETE	210.10	
	400			400		100					100		100			100	600	CY	EXCAV. CL. I CONTAMINATED SOIL	215.20	EST.
	100			100		100					100		400			400	600	CY	EXCAV. CL. II CONTAMINATED SOIL	215.21	EST.
		250	6450	6700			3250			45250	48500			50	650	700	55900	CY	SUBBASE DENSE GRADED CRUSHED STONE	301.35	
									3		3						3	GAL	TAR EMULSION	404.45	
			6	6						215	215				5	5	226	CWT	EMULSIFIED ASPHALT	404.65	
			3920	3920						45500	45500				400	400	49820	TON	BITUMINOUS CONCRETE PAVEMENT	406.25	
			4	4					51	27	78				16	16	98	CY	CONCRETE, CLASS B	501.25	
									1000		1000						1000	SY	TEMPORARY STEEL SHEET PILING	505.36	EST.
			360	360					11230	830	12060				1350	1350	13770	LB	REINFORCING STEEL	507.15	
																			BEGIN OPTION BID ITEMS		
								2			2						2	EA	CORRUGATED GALVANIZED PLATE PIPE ARCH 7'-0" X 5'-1" X 94'-0" (12596 LBS)	511.16	
								2			2						2	EA	CORRUGATED ALUMINUM ALLOY PLATE PIPE ARCH 6'-11" X 5'-9" X 94'-0" (3497 LBS)	511.30	
																			END OPTION BID ITEMS		
									12		12						12	GAL	WATER REPELLENT	514.10	
										76	76						76	SY	BLAST CLEANING OF CONCRETE SURFACE	523.10	
									25		25						25	LF	BRIDGE RAILING - HVY DUTY STEEL BEAM FASCIA MOUNTED	525.41	
								1			1						1	LS	MAINTENANCE OF TRAFFIC FOR BRIDGE PRO.	527.10	
								1			1						1	LS	REMOVAL OF STRUCTURE	529.15	
									1		1						1	EA	PARTIAL REMOVAL OF STRUCTURE (BR.18)	529.20	

DESIGN FILE NO. ZG0:[50,63J83B030.DGN;2
PRF FILE 83B0301Q
DRAWN BY BOWEN
SQUAD LEADER
DATE PLOTTED 5-JAN-1990
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON F 017-I(2)
BRIDPORT HES F 017-I(2)
ADDISON HES 017-I(4)S
PROJ. NO.
MASQS22
SHEET III OF 477 SHEETS

QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

BRIDPORT HES-F017-1(2)					SHOREHAM - BRIDPORT - ADDISON F017-1(2)								ADDISON HES 017-1(4)S					APPROXIMATE SUMMARY OF QUANTITIES				
TRAIN.	NON-GVT PART.	EROSION CONTROL	ROAD	TOTAL			TRAIN.	NON-GVT PART.	EROSION CONTROL	BR 100	BR 200	ROAD	TOTAL	TRAIN.	NON-GVT PART.	EROSION CONTROL	ROAD	TOTAL	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
			0.5	0.5								4.5	4.5						5.0	CY	REMOVAL OF CONCRETE OR MASONRY	529.25	
												24	24						24	LF	12'' CSP .064	601.0005	
												336	336						336	LF	15'' CSP .064	601.0010	
			16	16								180	180						196	LF	18'' CSP .064	601.0015	
			6	6								68	68						74	LF	24'' CSP .064	601.0025	
								44					44						44	LF	24'' CSP .064 (MODIFIED)	601.0025	
												14	14						14	LF	30'' CSP .079	601.0036	
												44	44						44	LF	42'' CSP .109	601.0052	
												8	8						8	LF	48'' CSP .109	601.0057	
								18					18						18	LF	54'' CSP .109 (MODIFIED)	601.0062	
												22	22						22	LF	72'' CSP .138	601.0078	
												98	98						98	LF	84'' CAAP .135 (3''X 1'' CORR)	601.0353	
												48	48						48	LF	18'' RCP CLASS III	601.0815	
												60	60						60	LF	24'' RCP CLASS III	601.0825	
			12	12															12	LF	30'' RCP CLASS III	601.0835	
												20	20						20	LF	36'' RCP CLASS III	601.0845	
												400	400						400	LF	17''X 13'' CSPA .064	601.3010	
												52	52						52	LF	21''X 15'' CSPA .064	601.3015	
												40	40						40	LF	35''X 24'' CSPA .079	601.3036	
												86	86						86	LF	42''X 29'' CSPA .079	601.3046	
												1	1						1	EA	12'' CSP ELBOW .064	601.5005	
												2	2						2	EA	15'' CSPES .064	601.6010	
												4	4						4	EA	18'' CSPES .064	601.6015	
												1	1						1	EA	24'' CSPES .064	601.6025	
												1	1						1	EA	30'' CSPES .079	601.6036	
												2	2						2	EA	18'' RCPES CLASS III	601.6815	
												3	3						3	EA	24'' RCPES CLASS III	601.6825	
												1	1						1	EA	30'' RCPES CLASS III	601.6835	
												2	2						2	EA	36'' RCPES CLASS III	601.6845	
												1	1						1	EA	35''X 24'' CSPAES .079	601.8036	
												2	2						2	EA	42''X 29'' CSPAES .079	601.8046	
								34				176	210						210	LF	RELAYING PIPE CULVERTS	601.99	
												500	500						500	LF	CLEANING CULVERT PIPE IN PLACE (0-24'' DIA INCLUSIVE)	601.995	EST.

DESIGN FILE NO. ZGO:[50,63]B3B030.DGN;2
PRF FILE 83B03020
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON F 017-1(2)
BRIDPORT HES F 017-1(2)
ADDISON HES 017-1(4)S
PROJ. NO.
MASQS22

DRAWN BY BOWEN
SQUAD LEADER
DATE PLOTTED 5-JAN-1990

SHEET IV OF 477 SHEETS

QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

BRIDPORT HES F 017-1(2)					SHOREHAM - BRIDPORT - ADDISON F 017-1(2)							ADDISON HES 017-1(4)S					APPROXIMATE SUMMARY OF QUANTITIES				
TRAIN.	NON-GVT PART.	EROSION CONTROL	ROAD	TOTAL	TRAIN.	NON-GVT PART.	EROSION CONTROL	BR 100	BR 200	ROAD	TOTAL	TRAIN.	NON-GVT PART.	EROSION CONTROL	ROAD	TOTAL	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
										500	500						500	LF	CLEANING CULVERT PIPE IN PLACE (GREATER THAN 24'' DIA)	601.996	EST.
																			BEGIN OPTION BID ITEMS		
			54	54						352	352						406	LF	15'' CSP .064	601.0010	
			54	54						352	352						406	LF	15'' RCP CLASS III	601.0810	
										50	50				176	176	226	LF	18'' CSP .064	601.0015	
										50	50				176	176	226	LF	18'' RCP CLASS III	601.0815	
			168	168						84	84						252	LF	18'' CAAP .060	601.0215	
			168	168						84	84						252	LF	18'' PCCSP .064	601.0415	
															364	364	364	LF	18'' CAAP .060	601.0215	
															364	364	364	LF	18'' PCCSP .064	601.0415	
															364	364	364	LF	18'' RCP CLASS III	601.0815	
			144	144													144	LF	24'' CSP .064	601.0025	
			144	144													144	LF	24'' RCP CLASS III	601.0825	
										62	62						62	LF	24'' CAAP .060	601.0225	
										62	62						62	LF	24'' PCCSP .064	601.0425	
										80	80						80	LF	24'' CAAP .060	601.0225	
										80	80						80	LF	24'' PCCSP .064	601.0425	
										80	80						80	LF	24'' RCP CLASS III	601.0825	
										80	80						80	LF	36'' CAAP .075	601.0246	
										80	80						80	LF	36'' PCCSP .079	601.0446	
										98	98						98	LF	36'' CAAP .105	601.0247	
										98	98						98	LF	36'' PCCSP .079	601.0446	
										110	110						110	LF	54'' CAAP .105	601.0262	
										110	110						110	LF	54'' PCCSP .109	601.0462	
															112	112	112	LF	21''X 15'' CAAPA .060	601.3215	
															112	112	112	LF	21''X 15'' PCCSPA .064	601.3415	
			2	2													2	EA	18'' CSPES .064	601.6015	
			2	2													2	EA	18'' CAAPES .060	601.6215	
			1	1													1	EA	24'' CSPES .064	601.6025	
			1	1													1	EA	24'' RCPES CLASS IIII	601.6825	
										2	2						2	EA	36'' CSPES .079	601.6046	
										2	2						2	EA	36'' CAAPES .075	601.6246	
																			END OPTION BID ITEMS		
										4	4						4	CY	CEMENT RUBBLE MASONRY	602.15	
															1	1	1	EA	CONCRETE CATCH BASIN W/CI GRATE	604.10	
			1	1						6	6						7	EA	CHANGE ELEVATION OF DI, CB, OR MH	604.40	
			1	1						3	3						4	EA	CAST IRON GRATE W/FRAME TYPE A	604.45	
			1	1						4	4				1	1	6	EA	CAST IRON GRATE W/FRAME TYPE B	604.46	
										1	1						1	EA	CAST IRON COVER W/FRAME	604.50	
										1	1				5	5	6	EA	CAST IRON GRATE W/FRAME TYPE D	604.51	
										1000	1000				100	100	1100	LF	6'' UNDERDRAIN	605.10	EST.

DESIGN FILE NO. ZG0:I50,63J83B030.DGN;2
PRF FILE 83B03030
DRAWN BY BOWEN
SQUAD LEADER
DATE PLOTTED 5-JAN-1990
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON F 017-1(2)
BRIDPORT HES F 017-1(2)
ADDISON HES 017-1(4)S
PROJ. NO.
MASQS22
SHEET V OF 477 SHEETS

QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

BRIDPORT HES-F017-I(2)					SHOREHAM - BRIDPORT - ADDISON F017-I(2)							ADDISON HES 017-I(4)S					APPROXIMATE SUMMARY OF QUANTITIES			
TRAIN.	NON-GVT PART.	EROSION CONTROL	ROAD	TOTAL	TRAIN.	NON-GVT PART.	EROSION CONTROL	BR 100	BR 200	ROAD	TOTAL	TRAIN.	NON-GVT PART.	EROSION CONTROL	ROAD	TOTAL	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
										300	300				100	100	400	LF	6'' UNDERDRAIN CARRIER PIPE	605.20	EST.
										5	5				2	2	7	EA	UNDERDRAIN FLUSHING BASIN	605.95	EST.
			76	76						54	54				20	20	150	HR	ROADWAY PATROL MAINTENANCE	607.10	EST.
			10	10						10	10						20	HR	BULLDOZER RENTAL, TYPE I	608.10	EST.
			6	6						94	94						100	HR	POWER GRADER RENTAL	608.15	EST.
		5		5			65			90	155				10	10	170	HR	ALL PURP. EXCAVATOR RENTAL, TYPE I	608.25	
			10	10						400	400				5	5	415	HR	POWER BROOM RENTAL	608.30	
		5		5			65			90	155				10	10	170	HR	TRUCK RENTAL	608.37	
			544	544						9006	9006				80	80	9630	MGL	DUST CONTROL W/WATER	609.10	EST.
			4	4						66	66				1	1	71	TON	DUST AND ICE CONTROL W/CALC. CHLORIDE	609.15	EST.
		221		221			1349				1349			30		30	1600	CY	STONE FILL, TYPE I	613.10	
		7		7			253	300	90		643						650	CY	STONE FILL, TYPE II	613.11	
			206	206						454	454				320	320	980	LF	CAST IN PLACE CEMENT CONCRETE CURB, TYPE A	616.27	
			115	115													115	LF	CAST IN PLACE CEMENT CONCRETE CURB, TYPE B	616.28	
										50	50						50	TON	BITUMINOUS CONCRETE SURFACE FOR GUTTERS AND TRAFFIC ISLANDS	616.47	
			4	4						76	76						80	EA	RELOCATE MAILBOX, SINGLE SUPPORT	617.10	
										1	1				2	2	3	EA	RELOCATE MAILBOX, MUTIPLE SUPPORT	617.12	
										4	4						4	SY	PORTLAND CEMENT CONC. SIDEWALK 5''	618.10	
			10	10											2	2	12	EA	BOUNDARY MARKERS	619.10	
			10	10						130	130				2	2	142	EA	WOOD MARKER POST	619.15	
			5	5						20	20				3	3	28	EA	REMOVING AND RESETTING PROP. MARKER	619.20	EST.
										8500	8500				40	40	8540	LF	REMOVING & RESETTING FENCE	620.50	
							3935			3115	7050						7050	LF	REMOVAL OF EXISTING FENCE	620.55	
										8500	8500						8500	LF	BARBED WIRE FENCE-4STRAND (TEMPORARY)	620.60	
										6550	6550						6550	LF	STEEL BEAM GUARD RAIL	621.20	
										130	130						130	LF	HEAVY DUTY STEEL BEAM GUARD RAIL	621.21	
										26	26						26	EA	BREAKAWAY CABLE TERMINAL	621.50	
										6820	6820						6820	LF	REMOVAL AND DISPOSAL OF GUARD RAIL	621.80	
										90	90						90	EA	REMOVAL AND DISPOSAL OF GUIDE POST	621.81	
								700	800		1500						1500	LF	TEMPORARY TRAFFIC BARRIER	621.90	
			1	1						1	1						2	MFB	INSULATION BOARD	622.10	EST.
															110	110	110	LF	SLEEVE FOR UTILITIES - 6'' PVC	625.10	

DESIGN FILE NO. ZGO:[50,63]83B030.DGN;2
PRF FILE 83B0304Q
PROJ. NAME
PROJ. NO.
MASOS22

DRAWN BY BOWEN
SQUAD LEADER
DATE PLOTTED 5-JAN-1990

SHOREHAM-BRIDPORT-ADDISON F 017-I(2)
BRIDPORT HES F 017-I(2)
ADDISON HES 017-I(4)S

SHEET VI OF 477 SHEETS

QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

BRIDPORT HES-F017-I(2)					SHOREHAM - BRIDPORT - ADDISON F017-I(2)							ADDISON HES 017-I(4)S					APPROXIMATE SUMMARY OF QUANTITIES				
TRAIN.	NON-GVT PART.	EROSION CONTROL	ROAD	TOTAL	TRAIN.	NON-GVT PART.	EROSION CONTROL	BR 100	BR 200	ROAD	TOTAL	TRAIN.	NON-GVT PART.	EROSION CONTROL	ROAD	TOTAL	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
										2	2						2	EA	GATE VALVE WITH VALVE BOX	629.27	
										170	170						170	LF	12'' PVC CLASS 150	629.33	
			330	330						4470	4470				100	100	4900	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.
			730	730						7270	7270				170	170	8170	HR	FLAGGERS	630.15	EST.
			0.1	0.1						0.8	0.8				0.1	0.1	1	LS	FIELD OFFICE - ENGINEER	631.10	
			0.1	0.1						0.8	0.8				0.1	0.1	1	LS	TESTING EQUIPMENT - CONCRETE	631.16	
			0.1	0.1						0.8	0.8				0.1	0.1	1	LS	TESTING EQUIPMENT - BITUMINOUS	631.17	
180				180	1620						1620	280				280	2080	HR	EMPLOYEE TRAINEESHIP	634.10	
			0.1	0.1						0.8	0.8				0.1	0.1	1	LS	MOBILIZATION	635.10	EST.
															310	310	310	LF	PAINTED CURB	646.21	
			450	450						2600	2600				350	350	3400	LF	DURABLE 4'' WHITE LINE	646.30	
															250	250	250	LF	DURABLE 12'' YELLOW LINE	646.37	
			130	130						660	660				100	100	890	LF	DURABLE 24'' STOP BAR	646.40	
			17	17						68	68				30	30	115	EA	DURABLE LETTER IN WORD MARKING	646.44	
			7250	7250						135220	135220				800	800	143270	LF	TEMPORARY 4'' WHITE LINE	646.50	
			30675	30675						190500	190500				3500	3500	224675	LF	TEMPORARY 4'' YELLOW LINE	646.51	
															80	80	80	LF	TEMPORARY 24'' STOP BAR	646.60	
			22	22													22	EA	TEMPORARY LETTER IN WORD MARKING	646.64	
			150	150													150	SY	REMOVAL OF EXISTING PAVEMENT MARKING	646.80	
										8050	8050						8050	SY	GEOTEXTILE FABRIC FOR FILTERS	649.10	
							2950				2950						2950	SY	GEOTEXTILE FABRIC FOR SILT FENCE	649.20	EST.
		340		340			3020				3020			15		15	3375	LB	SEED	651.15	
		60		60			780				780			12		12	852	LB	SEED-WINTER RYE	651.17	
		2800		2800			25200				25200			125		125	28125	LB	FERTILIZER	651.18	
		12		12			100				100			1		1	113	TON	AGRICULTURAL LIMESTONE	651.20	
		14		14			126				126			2		2	142	TON	HAY MULCH	651.25	
			320	320						5150	5150				70	70	5540	CY	TOPSOIL	651.35	
								365	120		485						485	CY	GRUBBING MATERIAL	651.40	
		180		180			1300			1270	2570			20		20	2770	SY	EROSION MATTING	654.10	
										1	1						1	EA	DECIDOUS TREES (1 1/2 - 2'' CAL) SUGAR MAPLE B&B	656.30	
										1	1						1	EA	TRANSPLANTING TREES	656.45	
										2	2						2	EA	TRANSPLANTING SHRUBS	656.50	
			500	500						890	890				630	630	2020	SF	TRAFFIC SIGNS, TYPE A	675.20	

DESIGN FILE NO. ZGO:[50,63]83B0305Q.DGN;2
PRF FILE 83B0305Q
DRAWN BY BOWEN
SQUAD LEADER
DATE PLOTTED 5-JAN-1990
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON F 017-I(2)
BRIDPORT HES F 017-I(2)
ADDISON HES 017-I(4)S
PROJ. NO.
MASOS22
SHEET VII OF 477 SHEETS

QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

BRIDPORT HES-F017-1(2)					SHOREHAM - BRIDPORT - ADDISON F017-1(2)							ADDISON HES 017-1(4)S				
	TRAIN.	NON-GVT PART.	EROSION CONTROL	ROAD	TOTAL		TRAIN.	NON-GVT PART.	EROSION CONTROL	BR 100	BR 200	ROAD	TOTAL		TRAIN.	NON-GVT PART.	EROSION CONTROL	ROAD	TOTAL
				64	64													70	70
				1500	1500							5360	5360					3000	3000
				755	755							585	585					250	250
				432	432													470	470
				2	2													2	2
				107	107							160	160					122	122
																		2	2
																		1	1
																		4	4
																		700	700
																		160	160
																		5	5
								48					48						

APPROXIMATE SUMMARY OF QUANTITIES				
QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
134	SF	TRAFFIC SIGNS, TYPE B	675.21	
9860	LB	FLANGED CHANNEL SIGN POSTS	675.30	
1590	LB	TUBULAR ALUMINUM SIGN POSTS	675.32	
905	LB	TUBULAR STEEL SIGN POST	675.33	
4	EA	FOUNDATION FOR TUBULAR STEEL SIGN POSTS - 18'' DIA.	675.43	
389	EA	REMOVING SIGNS	675.50	
2	EA	ERECTING SALVAGED SIGN	675.60	
1	EA	FLASHING BEACON	678.16	
4	EA	FLASHING BEACON, MODIFIED	678.16	
700	LF	ELECTRICAL CONDUIT, (1 1/2'' PVC)	678.21	
160	LF	ELECTRICAL CONDUIT, (2'' PVC)	678.21	
5	EA	PULLBOX	678.25	
48	SF	TRAVEL INFORMATION SIGNS (MOD.)	680.20	

DESIGN FILE NO. ZGO:[50.63183B030.DGN;2
PRF FILE 83B03060
DRAWN BY BOWEN
SQUAD LEADER
DATE PLOTTED 5-JAN-1990
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON F 017-1(2)
BRIDPORT HES F 017-1(2)
ADDISON HES 017-1(4)S
PROJ. NO.
MASQS22

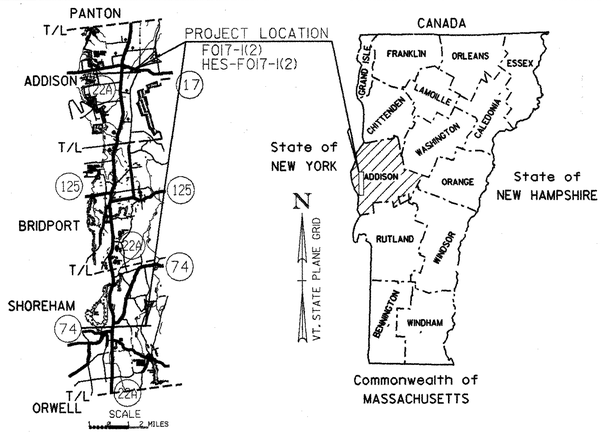
INDEX OF SHEETS

SEE SHEET 2 OF 420

STATE OF VERMONT

AGENCY OF TRANSPORTATION

PROPOSED IMPROVEMENT
VT 22A (F.A.P.)



TOWNS OF SHOREHAM-BRIDPORT-ADDISON
COUNTY OF ADDISON
F 017-1(2)

BEGINNING AT THE INTESECTION OF VT. 22A AND VT. 74, IN THE TOWN OF SHOREHAM 3.536 MILES NORTHERLY OF THE ORWELL-SHOREHAM TOWN LINE AND EXTENDING NORTHERLY 13.263 MILES THROUGH THE TOWN OF BRIDPORT AND INTO ADDISON TO A POINT 258.44' SOUTHERLY OF THE INTERSECTION WITH VT. 17; 4.123 MILES NORTHERLY OF THE BRIDPORT-ADDISON TOWN LINE.

TOWN OF SHOREHAM	15,038 FEET=	2.848	MILES
TOWN OF BRIDPORT	29,821 FEET=	5.648	MILES
TOWN OF ADDISON	21,721 FEET=	4.114	MILES
LENGTH OF PROJECT	66,580 FEET=	12.610	MILES

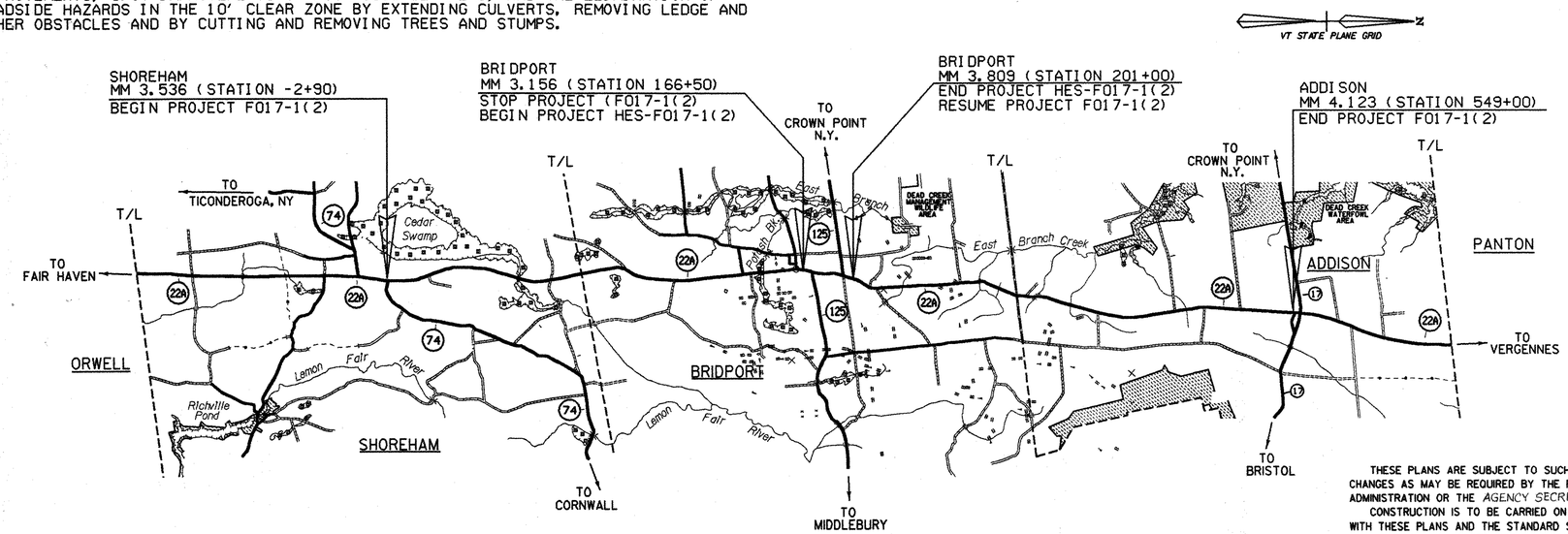
WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES A 2" BITUMINOUS CONCRETE OVERLAY, TYPE II, WITH 2" BITUMINOUS CONCRETE SHOULDERS (OVER A 4" BASE TYPE I) ON A 3-12-12-3 TYPICAL, UP-GRADING OF GUARD RAIL, DITCHING AND DRAINAGE IMPROVEMENTS, SPOT IMPROVEMENTS OF POOR SUBBASE AREAS, AND THE ELIMINATION OF ROADSIDE HAZARDS IN THE 10' CLEAR ZONE BY EXTENDING CULVERTS, REMOVING LEDGE AND OTHER OBSTACLES AND BY CUTTING AND REMOVING TREES AND STUMPS.

TOWN OF BRIDPORT
COUNTY OF ADDISON
HES-F 017-1(2)

BEGINNING AT A POINT ON VT 22A IN THE TOWN OF BRIDPORT, 3.156 MILES (STATION 166+50) NORTHERLY OF THE SHOREHAM-BRIDPORT TOWN LINE AND EXTENDING NORTHERLY 0.653 MILES (3450 FT) TO A POINT AT MILE MARKER 3.809 (STATION 201+00).

TOWN OF BRIDPORT	3450 FEET=	0.653	MILES
LENGTH OF PROJECT	3450 FEET=	0.653	MILES

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES ONE SECTION OF A 2" BITUMINOUS CONCRETE OVERLAY, WITH 2" BITUMINOUS CONCRETE SHOULDERS (OVER A 4" BASE TYPE I), ON A 3-12-12-3 TYPICAL; WHILE THE OTHER SECTION IS RECONSTRUCTION WITH BITUMINOUS CONCRETE PAVEMENT, BASE, SUBBASE, AND SAND BORROW.



TRAFFIC DATA

1990 ADT	=	2890
2000 ADT	=	3400
DHV	=	475
D	=	53%
T	=	10%
V	=	50 MPH

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 N/A
HORIZONTAL NGVD 1929

SCALE
1 0 1 2 MILES

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE AGENCY SECRETARY.

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.

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD

APPROVED Gordon B. MacArthur DATE 2/5/90
DIRECTOR OF PLANNING & PRECONSTRUCTION

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED _____ DATE _____
DIVISION ADMINISTRATOR

PROJECT SHOREHAM-BRIDPORT-ADDISON
F017-1(2)
BRIDPORT HES-F017-1(2)
SHEET 1 OF 420 SHEETS

SHEET 1 OF 477

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STANDARDS

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B-5	SLOPE GRADING, EMBANKMENTS, MUCK	12-06-71
B-11	UNDERDRAIN - ROCK SUBGRADE, SLOPE STABILIZ.	12-12-74 R
B-17	GUARD RAIL, BRIDGES, REST AREA, TURNOUTS	10-25-85 R
B-71A	RESIDENTIAL DRIVES	07-18-88
C-1	CURBS, BITUMINOUS CONCRETE SIDEWALKS	10-25-85 R
C-2A	CEMENT CONCRETE SIDEWALK, CONCRETE CURB	10-25-85 R
D-2	C.R.M. HEADWALLS, UNDERDRAIN	10-30-85 R
D-3	TREATED GUTTERS	04-02-86
D-4	FLUSHING BASINS, END SECTION, ELBOWS	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-11	GRATES & COVERS	08-24-81 R
D-13	REINFORCED CONCRETE MANHOLE	08-10-81 R
D-15	PRECAST REINF. CONC. MH-GRATES (BICYCLE SAFE)	10-30-85 R
D-16	PRECAST CURB DI, GRATE, RCP END SECTION, ETC.	10-30-85 R
D-20	HIGHWAY CROSSING FOR UNDERGROUND UTILITIES	10-30-85 R
E-9	UTILITY WORK ZONE	02-03-86 R
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E-106	TRAFFIC CONTROL - MISCELLANEOUS DETAILS	01-23-89 R
E-107	DELINEATION, BARRICADES AND DETOURS FOR CONSTRUCTION AREAS	04-29-88 R
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E-121	STANDARD SIGN PLACEMENT - CONVENTIONAL ROAD	01-23-89
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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
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E-150	WARNING SIGN DETAILS	10-30-87
E-152	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-1	STEEL BEAM GUARDRAIL (50MPH & OVER)	10-31-85 R
G-4	MARKERS - GUIDE POSTS - PLANK GUARD RAIL	10-31-85 R
G-14	BREAKAWAY CABLE TERMINAL W/WOOD POSTS	11-01-88 R
G-18	TEMPORARY PRECAST CMB	01-19-88
J-1	PROJECT AND BOUNDARY MARKERS	06-27-80
T-1	TEMPORARY EROSION CONTROL DETAILS	12-07-76 R
T-2	TEMPORARY EROSION CONTROL DETAILS	07-05-72
SB-R6-82	BRIDGE RAILING, HEAVY DUTY STEEL BEAM	12-13-84 R

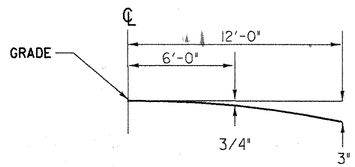
DATUM
VERTICAL _____
HORIZONTAL _____

SURVEYED BY _____ DATE _____
DRAWN BY L. BULLOCK DATE 10-89
SQUAD LEADER J. PERKINS
DESIGN FILE NO. [50,63] 83B030.DGN PLOTTED DATE 12-5-89
PROJ. NAME BRIDPORT HES F 017-1(2)
SHOREHAM-BRIDPORT-ADDISON F 017-1(2)
PROJ. NO.
SHEET 2 OF 420 SHEETS

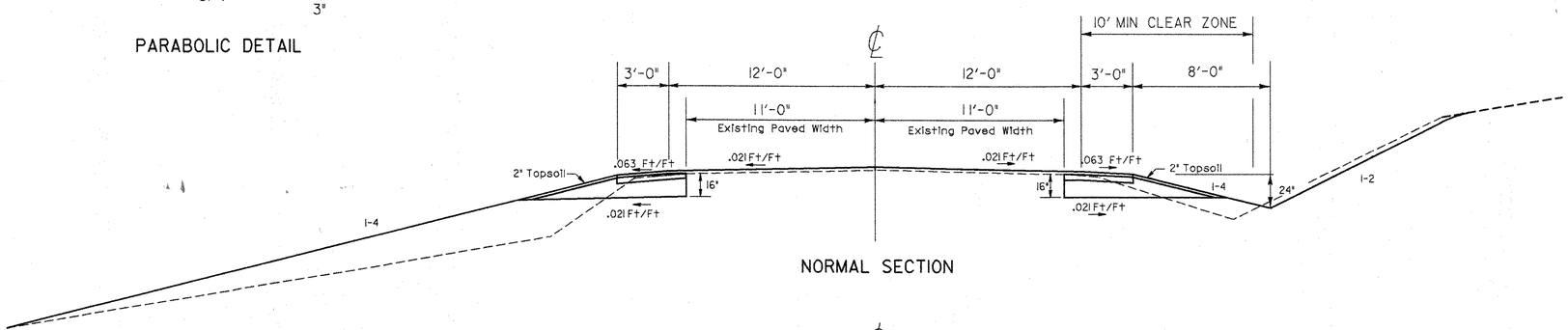
VT-22A TYPICAL SECTIONS - OVERLAY SECTIONS

2" BITUMINOUS CONCRETE PAVEMENT (TYPE II - ONE LIFT)
1/2" LEVELING COURSE TO INCLUDE SHLDRS (TYPE IV) (EST. AVE. DEPTH)

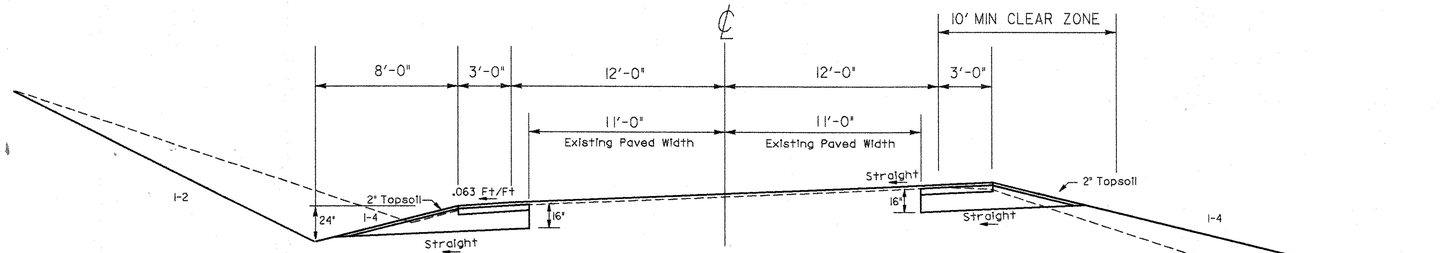
SHOULDERS: 2" BITUMINOUS CONCRETE PAVEMENT (TYPE II - ONE LIFT)
4" BITUMINOUS CONCRETE PAVEMENT (TYPE I - ONE LIFT)
12" SUBBASE OF DENSE GRADED CRUSHED STONE



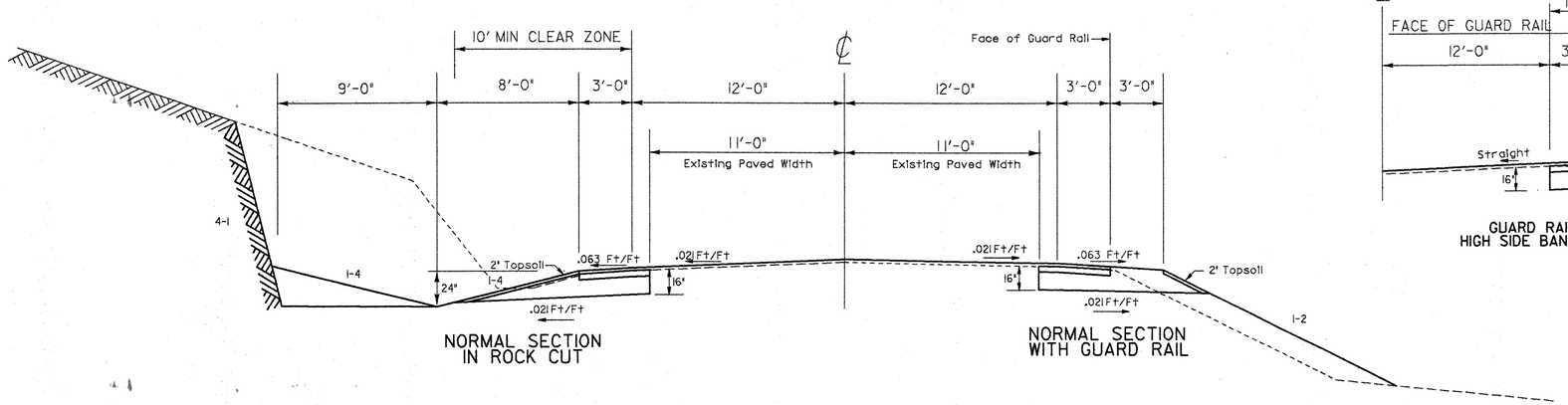
PARABOLIC DETAIL



NORMAL SECTION



BANKED SECTION
MATCH EXISTING OR AS NOTED ON PLANS



NORMAL SECTION
IN ROCK CUT

NORMAL SECTION
WITH GUARD RAIL

SEEDING FORMULA , ITEM 651.10
RURAL AREAS

% 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	ALFAFA (VAR. SARANAC)	99	85
8.33	5	BIRDSFOOT TREFOIL(VAR.EMPIRE)	98	85
5.00	3	HIGHLAND BENT GRASS	92	85
100.00	60			

THE SEED MIXTURE SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS WEED SEED.

SEED- TO BE APPLIED PER SEEDING FORMULAS DIRECTED BY THE ENGINEER.

FERTILIZER- FORMULA 10-20-10 TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE.

AGRICULTURAL LIMESTONE- TO BE APPLIED AT THE RATE OF 2 TONS/ACRE OR AS DIRECTED BY THE ENGINEER.

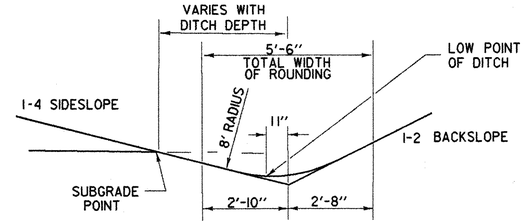
HAY MULCH- TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

TOPSOIL- TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

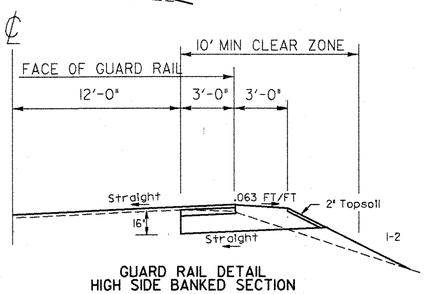
MARKER POSTS- TO BE PLACED AS DIRECTED BY THE ENGINEER.

SLOPE ROUNDING- ALL CUT SLOPES TO BE ROUNDED IN ACCORDANCE WITH STANDARD SHEET B-5.

PAY LIMITS OF SAND BORROW WHEN USED IN CONJUNCTION WITH UNDERDRAIN- SEE STANDARD SHEET D-2.



TYPICAL DITCH DETAILS



GUARD RAIL DETAIL
HIGH SIDE BANKED SECTION

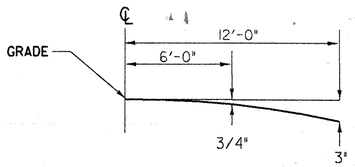
MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT	± 1/4"
SUBBASE	± 1"
SAND BORROW	± 1"

DRAWN BY PERKINS DATE
SQUAD LEADER PERKINS
DESIGN FILE NO. ZF2:[50,70]83B030TY.DGN;1
PRF FILE 83B030TY1 DATE PLOTTED 23-JUN-1989
PROJ. NAME SHOREHAM - ADDISON
PROJ. NO. F 017-1(2)
SHEET 3 OF 420 SHEETS

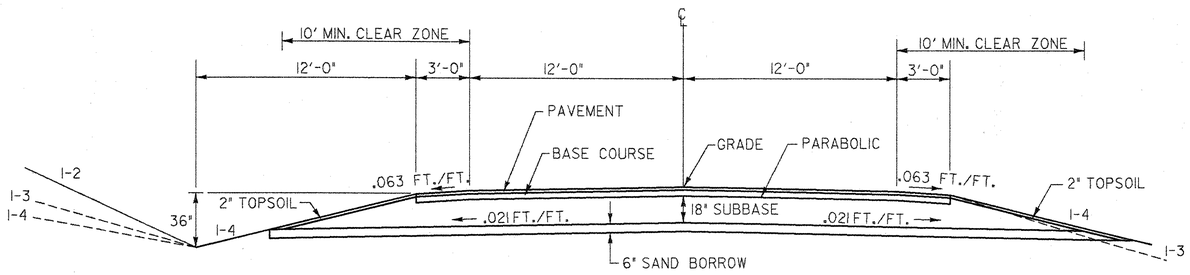
SHEET 3 OF 477

VT-22A & VT 125 (EAST & WEST) TYPICAL SECTIONS - RECONSTRUCTION
BRIDPORT HES-F017-1(2)

2" BITUMINOUS CONCRETE PAVEMENT, (TYPE II - ONE LIFT)
4" BITUMINOUS CONCRETE PAVEMENT, (TYPE I - ONE LIFT)
18" SUBBASE OF DENSE GRADED CRUSHED STONE
6" SAND BORROW
SHOULDERS: 2" BITUMINOUS CONCRETE PAVEMENT, (TYPE II - ONE LIFT)
4" BITUMINOUS CONCRETE PAVEMENT, (TYPE I - ONE LIFT)



PARABOLIC DETAIL



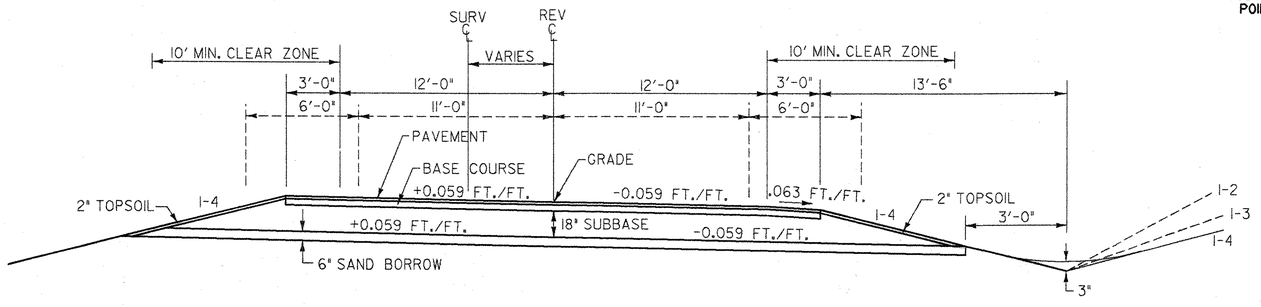
NORMAL SECTION
VT. RTE. 22A BRIDPORT
STA. 168+00 ~ 183+00
MM 3.18 ~ MM 3.47

NOTE:
FOR OVERLAY TYPICAL ON VT 22A,
SEE SHEET 3 OF 420

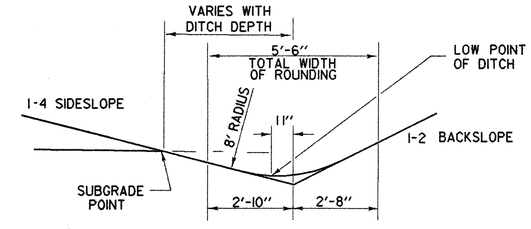
MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT	± 1/4"
SUBBASE	± 1"
SAND BORROW	± 1"

FOR SEEDING FORMULA SEE SHEET 3 OF 420

2" BITUMINOUS CONCRETE PAVEMENT, (TYPE II - ONE LIFT)
4" BITUMINOUS CONCRETE PAVEMENT, (TYPE I - ONE LIFT)
18" SUBBASE OF DENSE GRADED CRUSHED STONE
6" SAND BORROW
SHOULDERS: 2" BITUMINOUS CONCRETE PAVEMENT, (TYPE II - ONE LIFT)
4" BITUMINOUS CONCRETE PAVEMENT, (TYPE I - ONE LIFT)



VT. RTE. 125 (EAST & WEST APPROACHES)
BANKED SECTION
MAXIMUM 0.059 FT./FT.



TYPICAL DITCH DETAILS

NOTE: DASHED DIMENSION LINES INDICATE PROPOSED FUTURE CONSTRUCTION TYPICAL WIDTHS.

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

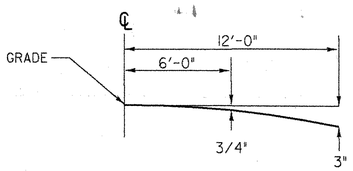
SURVEYED BY _____ DATE _____
DRAWN BY L. BULLOCK DATE 6-89
SQUAD LEADER J. PERKINS
DESIGN FILE NO. ZF2:[50,70]83B030TY.DGN;1
PRF FILE 83B030TY2 DATE PLOTTED 23-JUN-1989
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON
PROJ. NO. F017-1(2)
SHEET 4 OF 420 SHEETS

VT-22A TYPICAL SECTIONS - (SLIP AREA)

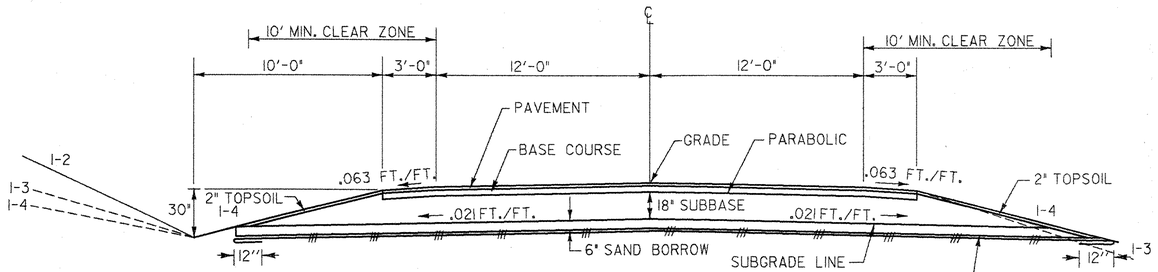
BRIDPORT MM 5.88± TO MM 5.92±

FULL DEPTH SUBBASE REPAIR AREA

2" BITUMINOUS CONCRETE PAVEMENT, (TYPE II - ONE LIFT)
4" BITUMINOUS CONCRETE PAVEMENT, (TYPE I - ONE LIFT)
18" SUBBASE OF DENSE GRADED CRUSHED STONE
6" SAND BORROW WITH GEOTEXTILE FABRIC FOR FILTERS
SHOULDERS: 2" BITUMINOUS CONCRETE PAVEMENT, (TYPE II - ONE LIFT)
4" BITUMINOUS CONCRETE PAVEMENT, (TYPE I - ONE LIFT)

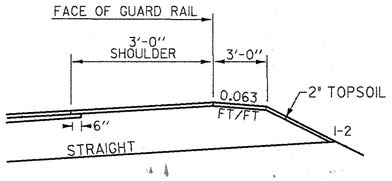


PARABOLIC DETAIL



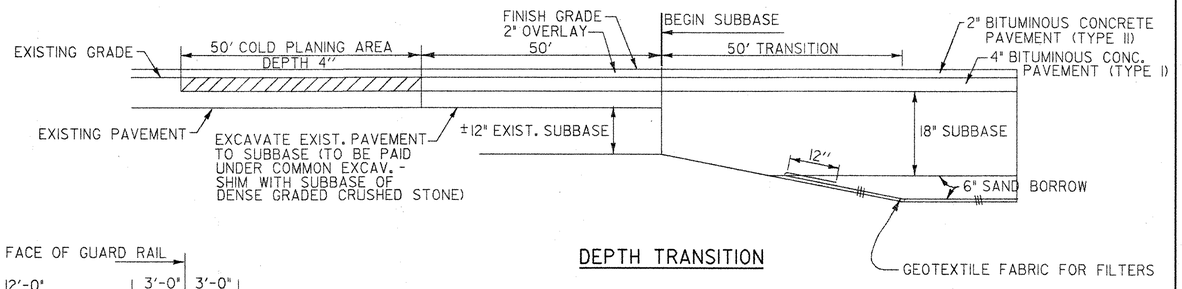
MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT	± 1/4"
SUBBASE	± 1"
SAND BORROW	± 1"

FOR SEEDING FORMULA SEE SHEET 3 OF 420

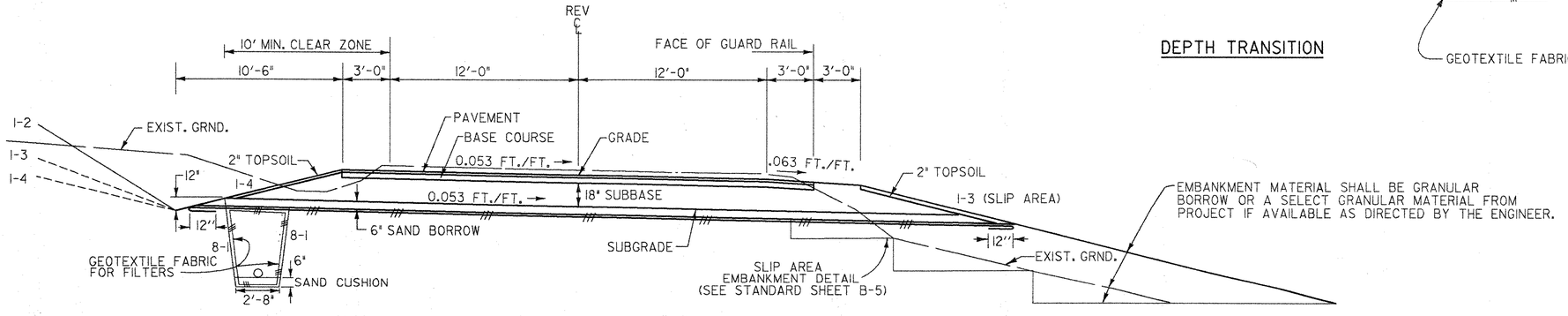


DETAIL OF GUARD RAIL ON HIGH SIDE OF BANKED SECTION

NORMAL SECTION



DEPTH TRANSITION



BANKED SECTION
MAXIMUM 0.053 FT./FT.

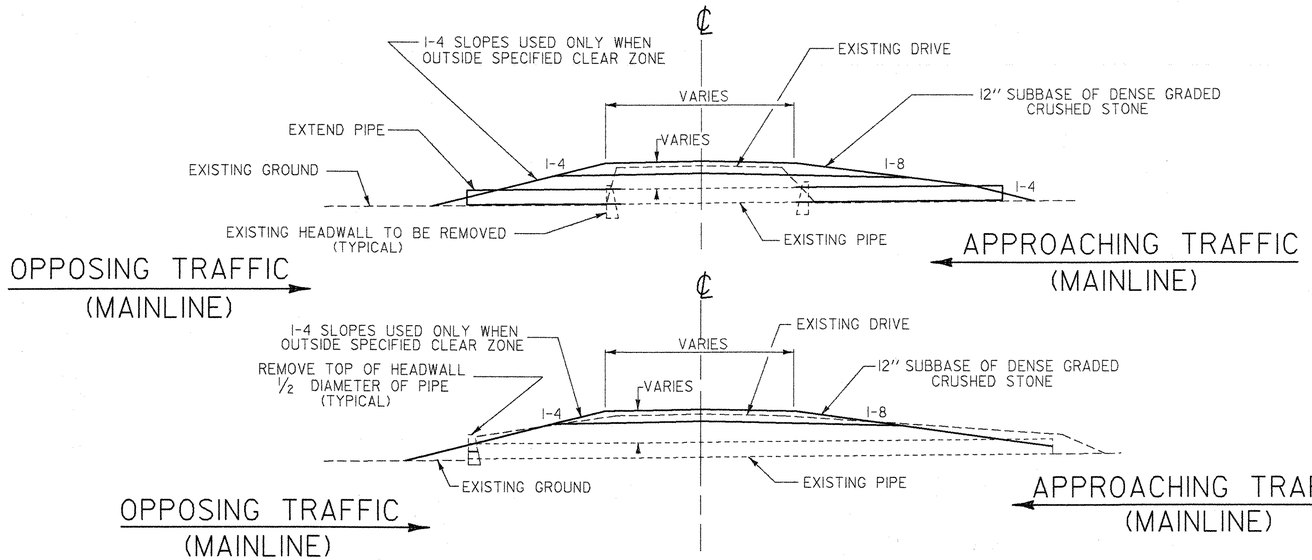
DATUM	
VERTICAL	NGVD 1929
HORIZONTAL	N/A

BRIDPORT - SLIP AREA
MM 5.88± TO MM 5.92±

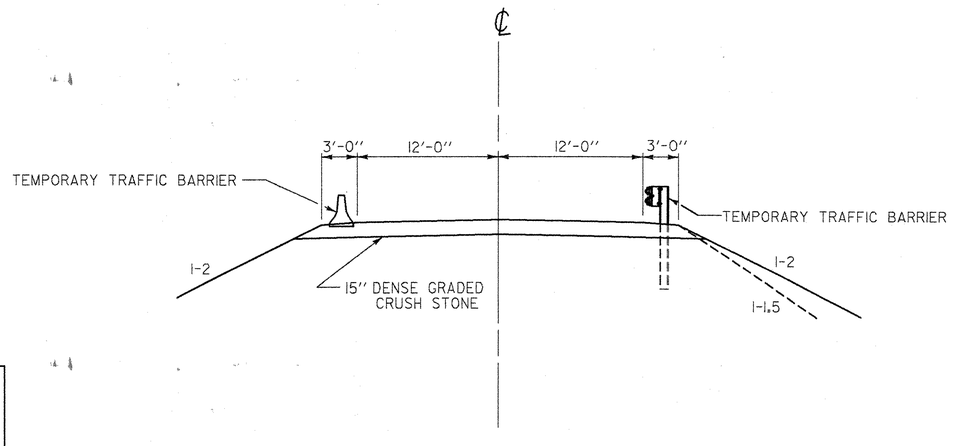
SURVEYED BY		DATE
DRAWN BY	L. BULLOCK	DATE 6-89
SQUAD LEADER	J. PERKINS	
DESIGN FILE NO.	ZGO:[50,70]83B030TY.DGN	
PRF FILE	83B030TY3	DATE PLOTTED 27-OCT-1989
PROJ. NAME	SHOREHAM-BRIDPORT-ADDISON	
PROJ. NO.	F017-1(2)	
SHEET	5 OF 420 SHEETS	

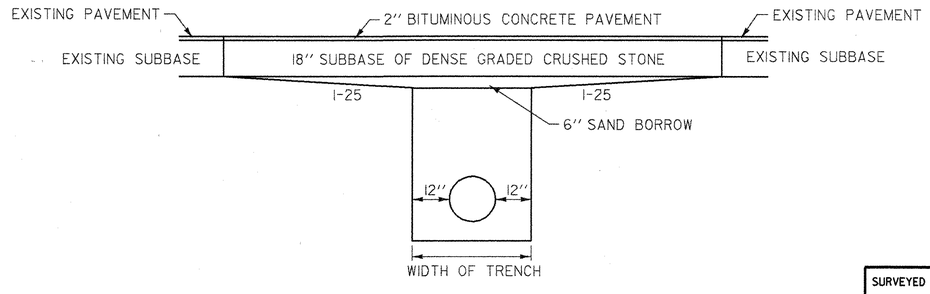
TYPICALS AND DETAIL

DRIVE TYPICAL
(WITH OR WITHOUT PIPE)
N.T.S.



DETOUR TYPICAL
N.T.S.





PIPE CROSSING DETAIL
N.T.S.

DATUM
VERTICAL _____
HORIZONTAL _____

SURVEYED BY _____ DATE _____
DRAWN BY S. LASKOWSKI DATE 11-89
SQUAD LEADER J. PERKINS
DESIGN FILE NO. [50,63]83B030.DGN
PRF FILE 83B030DT.PRF DATE PLOTTED 11-09-89
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON
PROJ. NO. F017-(2)
SHEET 6 OF 420 SHEETS

QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

BRIDPORT HES-F017-1(2)						SHOREHAM - BRIDPORT - ADDISON F017-1(2)							APPROXIMATE SUMMARY OF QUANTITIES				
	NON-GVT PART.	TRAIN.	EROSION CONTROL	ROAD	TOTAL	NON-GVT PART.	TRAIN.	EROSION CONTROL	BR 100	BR 200	ROAD	TOTAL	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
				1	1	1					5	6	7	AC	CLEARING AND GRUBBING (PLUS INDIVIDUAL TREES AND STUMPS)	201.11	EST.
						5						5	5	EA	REMOVING SMALL TREES	201.15	EST.
						40						40	40	EA	REMOVING SMALL STUMPS	201.20	EST.
				1	1						2	2	3	AC	THINNING AND TRIMMING	201.30	EST.
				11100	11100						53500	53500	64600	CY	COMMON EXCAVATION	203.15	
											1400	1400	1400	CY	SOLID ROCK EXCAVATION	203.16	45
									180	60	660	900	900	CY	UNCLASSIFIED CHANNEL EXCAVATION	203.27	10
				1700	1700						1230	1230	2930	CY	SAND BORROW	203.31	32
									490		1200	1690	1690	CY	GRANULAR BORROW	203.32	19
			50	470	520			650			3990	4640	5160	CY	TRENCH EXCAVATION OF EARTH	204.20	
				2	2						228	228	230	CY	TRENCH EXCAVATION OF ROCK	204.21	4
									300	70	1030	1400	1400	CY	STRUCTURE EXCAVATION	204.25	8
				31	31				130	40	479	649	680	CY	GRANULAR BACKFILL FOR STRUCTURES	204.30	5
				370	370						350	350	720	SY	COLD PLANNING BITUMINOUS CONCRETE	210.10	3
	400				400	100						100	500	CY	EXCAV. CL. I CONTAMINATED SOIL	215.20	EST.
	100				100	100						100	200	CY	EXCAV. CL. II CONTAMINATED SOIL	215.21	EST.
			250	6450	6700			3250			45250	48500	55200	CY	SUBBASE DENSE GRADED CRUSHED STONE	301.35	
										3		3	3	GAL	TAR EMULSION	404.45	
				6	6						215	215	221	CWT	EMULSIFIED ASPHALT	404.65	3.1
				3920	3920						45500	45500	49420	TON	BITUMINOUS CONCRETE PAVEMENT	406.25	
				4	4					51	27	78	82	CY	CONCRETE, CLASS B	501.25	0.2
										1000		1000	1000	SY	TEMPORARY STEEL SHEET PILING	505.36	EST.
				360	360					11230	830	12060	12420	LB	REINFORCING STEEL	507.15	30
															BEGIN OPTION BID ITEMS		
									2			2	2	EA	CORRUGATED GALVANIZED PLATE PIPE ARCH 7'-0" X 5'-1" X 94'-0" (12596 LBS)	511.16	
									2			2	2	EA	CORRUGATED ALUMINUM ALLOY PLATE PIPE ARCH 6'-11" X 5'-9" X 94'-0" (3497 LBS)	511.30	
															END OPTION BID ITEMS		
										12		12	12	GAL	WATER REPELLENT	514.10	
											76	76	76	SY	BLAST CLEANING OF CONCRETE SURFACE	523.10	
										25		25	25	LF	BRIDGE RAILING - HVY DUTY STEEL BEAM FASCIA MOUNTED	525.41	
									1			1	1	LS	MAINTENANCE OF TRAFFIC FOR BRIDGE PRO.	527.10	
									1			1	1	LS	REMOVAL OF STRUCTURE	529.15	
										1		1	1	EA	PARTIAL REMOVAL OF STRUCTURE (BR.18)	529.20	
				0.5	0.5						4.5	4.5	5.0	CY	REMOVAL OF CONCRETE OR MASONRY	529.25	0.5

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS		
		COMMON EXCAVATION		
		F017-1(2)		HES
53875	CY	MAINLINE PLANIMETERED	45833	8042
459	CY	VT. 125 (EAST)		459
2278	CY	VT. 125 (WEST)		2278
880	CY	DRIVES & APPROACHES-DESIGN	698	182
330	CY	DRIVES & APPROACHES-EST.	330	
161	CY	BRIDPORT 216+75-219+25 LT	161	
79	CY	CATTLE PASS@BRIDPORT 320+02	79	
2012	CY	EST. OTHER SUBBASE REPAIR	2012	
3844	CY	TEMPORARY DETOURS	3844	
5	CY	TURNOUTS FOR MAILBOXES	5	
51	CY	FROM DRAINAGE SHEETS		51
626	CY	ROUNDING	538	88
		SUB TOTAL	53500	11100
64600	CY	TOTALS	64600	
		TRENCH EXCAVATION OF EARTH		
		F017-1(2)		HES
3726	CY	FROM DRAINAGE SHEET	3262	464
312	CY	UNDERDRAIN ~ DESIGNED	312	
297	CY	UNDERDRIAN ~ EST.	297	
18	CY	CARRIER PIPE ~ DESIGNED	18	
68	CY	CARRIER PIPE ~ EST.	68	
39	CY	ROUNDING	33	6
		SUB TOTAL	3990	470
4460	CY	TOTALS	4460	
		SUBBASE OF DENSE GRADED CRUSHED STONE		
		F017-1(2)		HES
45618	CY	MAINLINE	41127	4491
46	CY	TURNOUT FOR MAILBOX	46	
1160	CY	TEMPORARY DETOURS	1160	
54	CY	CATTLE PASS@BRIDPORT 320+02	54	
1375	CY	DRIVES & APPROACHES-DESIGN	928	447
660	CY	DRIVES & APPROACHES-EST.	660	
1146	CY	VT. 125 (WEST)		1146
271	CY	VT. 125 (EAST)		271
815	CY	OTHER SUBBASE REPAIR	815	
23	CY	PAVED GUTTER		23
532	CY	ROUNDING	460	72
		SUB TOTAL	45250	6450
51700	CY	TOTALS	51700	

DESIGN FILE NO. ZGO:[50,63]83B030.DGN;2
PRF FILE 83B030QSI
DRAWN BY LASKOWSKI
SQUAD LEADER PERKINS
DATE PLOTTED 1-JAN-1990
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON F 017-1(2)
PROJ. NO. BRIDPORT HES F 017-1(2)
SHEET 7 OF 420 SHEETS
SHEET 7 OF 477

QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

BRIDPORT HES-F017-1(2)							SHOREHAM - BRIDPORT - ADDISON F017-1(2)							APPROXIMATE SUMMARY OF QUANTITIES				
		NON-GVT PART.	TRAIN.	EROSION CONTROL	ROAD	TOTAL		NON-GVT PART.	TRAIN.	EROSION CONTROL	BR 100	BR 200	ROAD	TOTAL	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
													24	24	24	LF	12'' CSP .064	601.0005	
													336	336	336	LF	15'' CSP .064	601.0010	
					16	16							180	180	196	LF	18'' CSP .064	601.0015	
					6	6							68	68	74	LF	24'' CSP .064	601.0025	
								44						44	44	LF	24'' CSP .064 (MODIFIED)	601.0025	
													14	14	14	LF	30'' CSP .079	601.0036	
													44	44	44	LF	42'' CSP .109	601.0052	
													8	8	8	LF	48'' CSP .109	601.0057	
								18						18	18	LF	54'' CSP .109 (MODIFIED)	601.0062	
													22	22	22	LF	72'' CSP .138	601.0078	
													98	98	98	LF	84'' CAAP .135 (3''X 1'' CORR.)	601.0353	
													48	48	48	LF	18'' RCP CLASS III	601.0815	
													60	60	60	LF	24'' RCP CLASS III	601.0825	
					12	12									12	LF	30'' RCP CLASS III	601.0835	
													20	20	20	LF	36'' RCP CLASS III	601.0845	
													400	400	400	LF	17''X 13'' CSPA .064	601.3010	
													52	52	52	LF	21''X 15'' CSPA .064	601.3015	
													40	40	40	LF	35''X 24'' CSPA .079	601.3036	
													86	86	86	LF	42''X 29'' CSPA .079	601.3046	
													1	1	1	EA	12'' CSP ELBOW .064	601.5005	
													2	2	2	EA	15'' CSPES .064	601.6010	
													4	4	4	EA	18'' CSPES .064	601.6015	
													1	1	1	EA	24'' CSPES .064	601.6025	
													1	1	1	EA	30'' CSPES .079	601.6036	
													2	2	2	EA	18'' RCPES CLASS III	601.6815	
													3	3	3	EA	24'' RCPES CLASS III	601.6825	
													1	1	1	EA	30'' RCPES CLASS III	601.6835	
													2	2	2	EA	36'' RCPES CLASS III	601.6845	
													1	1	1	EA	35''X 24'' CSPAES .079	601.8036	
													2	2	2	EA	42''X 29'' CSPAES .079	601.8046	
								34					176	210	210	LF	RELAYING PIPE CULVERTS	601.99	4
													500	500	500	LF	CLEANING CULVERT PIPE IN PLACE (0 - 24'' DIA INCLUSIVE)	601.995	EST.
													500	500	500	LF	CLEANING CULVERT PIPE IN PLACE (GREATER THAN 24'' DIA)	601.996	EST.

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS		
		BITUMINOUS CONCRETE PAVEMENT		
			F017-1(2)	HES
TYPE	I	SUBBASE REPAIR COURSE		
13827	TON	MAINLINE SHOULDER	13146	681
1354	TON	MAINLINE FULL DEPTH	376	978
543	TON	EST. OTHER SUBBASE REPAIR	543	
98	TON	VT 125 (EAST)		98
325	TON	VT 125 (WEST)		325
		SUB TOTAL	14065	2082
TYPE	II	OVERLAY COURSE		
5562	TON	SHOREHAM	5562	
12320	TON	BRIDPORT	11042	1278
8045	TON	ADDISON	8045	
217	TON	VT. 125 (WEST)		217
66	TON	VT. 125 (EAST)		66
379	TON	DRIVES & APPROACHES	286	93
50	TON	EST. DRIVES	50	
30	TON	TEMPORARY DETOUR (BRIDGE 18)	30	
		SUB TOTAL	25015	1654
TYPE	IV	LEVELLING COURSE		
6254	TON	MAINLINE	6102	152
		SUBTOTAL	6102	152
350	TON	ROUNDING	318	32
		SUB TOTAL OF 3 TYPES	45500	3920
49420	TON	FINAL TOTALS	49420	

DESIGN FILE NO. ZGO:[50,63]83B030.DGN;2
PRF FILE 83B0300S2
DRAWN BY LASKOWSKI
SQUAD LEADER PERKINS
DATE PLOTTED 1-JAN-1990
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON F 017-1(2)
PROJ. NO. BRIDPORT HES F 017-1(2)
SHEET 8 OF 420 SHEETS

QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

BRIDPORT HES-F017-1(2)							SHOREHAM - BRIDPORT - ADDISON F017-1(2)							APPROXIMATE SUMMARY OF QUANTITIES					DETAILED SUMMARY OF QUANTITIES		
		NON-GVT PART.	TRAIN.	EROSION CONTROL	ROAD	TOTAL		NON-GVT PART.	TRAIN.	EROSION CONTROL	BR 100	BR 200	ROAD	TOTAL	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING	QUANTITIES	UNIT	ITEMS
																	BEGIN OPTION BID ITEMS					
					54	54							352	352	406	LF	15'' CSP .064	601.0010				
					54	54							352	352	406	LF	15'' RCP CLASS III	601.0810				
													50	50	50	LF	18'' CSP .064	601.0015				
													50	50	50	LF	18'' RCP CLASS III	601.0815				
					168	168							84	84	252	LF	18'' CAAP .060	601.0215				
					168	168							84	84		LF	18'' PCCSP .064	601.0415				
					144	144									144	LF	24'' CSP .064	601.0025				
					144	144									144	LF	24'' RCP CLASS III	601.0825				
													62	62	62	LF	24'' CAAP .060	601.0225				
													62	62	62	LF	24'' PCCSP .064	601.0425				
													80	80	80	LF	24'' CAAP .060	601.0225				
													80	80	80	LF	24'' PCCSP .064	601.0425				
													80	80	80	LF	24'' RCP CLASS III	601.0825				
													80	80	80	LF	36'' CAAP .075	601.0246				
													80	80	80	LF	36'' PCCSP .079	601.0446				
													98	98	98	LF	36'' CAAP .105	601.0247				
													98	98	98	LF	36'' PCCSP .079	601.0446				
													110	110	110	LF	54'' CAAP .105	601.0262				
													110	110	110	LF	54'' PCCSP .109	601.0462				
					2	2									2	EA	18'' CSPES .064	601.6015				
					2	2									2	EA	18'' CAAPES .060	601.6215				
					1	1									1	EA	24'' CSPES .064	601.6025				
					1	1									1	EA	24'' RCPES CLASS IIII	601.6825				
													2	2	2	EA	36'' CSPES .079	601.6046				
													2	2	2	EA	36'' CAAPES .075	601.6246				
																	END OPTION BID ITEMS					
													4	4	4	CY	CEMENT RUBBLE MASONRY	602.15	0.8			
					1	1							6	6	7	EA	CHANGE ELEVATION OF DI, CB, OR MH	604.40				
					1	1							3	3	4	EA	CAST IRON GRATE W/FRAME TYPE A	604.45				
					1	1							4	4	5	EA	CAST IRON GRATE W/FRAME TYPE B	604.46				
													1	1	1	EA	CAST IRON COVER W/FRAME	604.50				
													1	1	1	EA	CAST IRON GRATE W/FRAME TYPE D	604.51				
													1000	1000	1000	LF	6'' UNDERDRAIN	605.10				
													300	300	300	LF	6'' UNDERDRAIN CARRIER PIPE	605.20				
													5	5	5	EA	UNDERDRAIN FLUSHING BASIN	605.95				
					76	76							54	54	130	HR	ROADWAY PATROL MAINTENANCE	607.10	EST.			
					10	10							10	10	20	HR	BULLDOZER RENTAL, TYPE I	608.10	EST.			
					6	6							94	94	100	HR	POWER GRADER RENTAL	608.15	EST.			
				5		5				65			90	155	160	HR	ALL PURP. EXCAVATOR RENTAL, TYPE I	608.25	3			
					10	10							400	400	410	HR	POWER BROOM RENTAL	608.30	EST.			
				5		5				65			90	155	160	HR	TRUCK RENTAL	608.37	3			
					544	544							9006	9006	9550	MGL	DUST CONTROL W/WATER	609.10	EST.			

DESIGN FILE NO. ZG0:150,63383B030.DGN;2
PRF FILE 83B0300S3
DRAWN BY LASKOWSKI
SQUAD LEADER PERKINS
DATE PLOTTED 1-JAN-1990
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON F 017-1(2)
PROJ. NO. BRIDPORT HES F 017-1(2)

QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

BRIDPORT HES-F017-I(2)							SHOREHAM - BRIDPORT - ADDISON F017-I(2)							APPROXIMATE SUMMARY OF QUANTITIES				
		NON-GVT PART.	TRAIN.	EROSION CONTROL	ROAD	TOTAL		NON-GVT PART.	TRAIN.	EROSION CONTROL	BR 100	BR 200	ROAD	TOTAL	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
					4	4							66	66	70	TON	DUST AND ICE CONTROL W/CALC. CHLORIDE	609.15	EST.
				221		221				1349				1349	1570	CY	STONE FILL, TYPE I	613.10	11
				7		7				253	300	90		643	650	CY	STONE FILL, TYPE II	613.11	8
					206	206							454	454	660	LF	CAST IN PLACE CEMENT CONCRETE CURB, TYPE A	616.27	3
					115	115									115	LF	CAST IN PLACE CEMENT CONCRETE CURB, TYPE B	616.28	
													50	50	50	TON	BITUMINOUS CONCRETE SURFACE FOR GUTTERS AND TRAFFIC ISLANDS	616.47	
					4	4							76	76	80	EA	RELOCATE MAILBOX, SINGLE SUPPORT	617.10	
													1	1	1	EA	RELOCATE MAILBOX, MULTIPLE SUPPORT	617.12	EST.
													4	4	4	SY	PORTLAND CEMENT CONC. SIDEWALK 5''	618.10	
					10	10									10	EA	BOUNDARY MARKERS	619.10	1
					10	10							130	130	140	EA	WOOD MARKER POST	619.15	8
					5	5							20	20	25	EA	REMOVING AND RESETTING PROP. MARKER	619.20	EST.
													8500	8500	8500	LF	REMOVING & RESETTING FENCE	620.50	
								3935					3115	7050	7050	LF	REMOVAL OF EXISTING FENCE	620.55	
													8500	8500	8500	LF	BARBED WIRE FENCE-4STRAND (TEMPORARY)	620.60	
													6550	6550	6550	LF	STEEL BEAM GUARD RAIL	621.20	
													130	130	130	LF	HEAVY DUTY STEEL BEAM GUARD RAIL	621.21	
													26	26	26	EA	BREAKAWAY CABLE TERMINAL	621.50	
													6820	6820	6820	LF	REMOVAL AND DISPOSAL OF GUARD RAIL	621.80	
													90	90	90	EA	REMOVAL AND DISPOSAL OF GUIDE POST	621.81	
											700	800		1500	1500	LF	TEMPORARY TRAFFIC BARRIER	621.90	
					1	1							1	1	2	MBF	INSULATION BOARD	622.10	EST.
													2	2	2	EA	GATE VALVE WITH VALVE BOX	629.27	
													170	170	170	LF	12'' PVC CLASS 150	629.33	
					330	330							4470	4470	4800	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.
					730	730							7270	7270	8000	HR	FLAGGERS	630.15	EST.
					0.1	0.1							0.8	0.8	0.9	LS	FIELD OFFICE - ENGINEER	631.10	
					0.1	0.1							0.8	0.8	0.9	LS	TESTING EQUIPMENT - CONCRETE	631.16	
					0.1	0.1							0.8	0.8	0.9	LS	TESTING EQUIPMENT - BITUMINOUS	631.17	
			180			180			1620					1620	1800	HR	EMPLOYEE TRAINEESHIP	634.10	
					0.1	0.1							0.8	0.8	0.9	LS	MOBILIZATION	635.10	EST.

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

DESIGN FILE NO. Z60:I50,63J83B030.DGN;2
PRF FILE 83B0300S4
DRAWN BY LASKOWSKI
SQUAD LEADER PERKINS
DATE PLOTTED 1-JAN-1990
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON F 017-I(2)
PROJ. NO. BRIDPORT HES F 017-I(2)
SHEET 10 OF 420 SHEETS

QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

BRIDPORT HES-F017-1(2)							SHOREHAM - BRIDPORT - ADDISON F017-1(2)								APPROXIMATE SUMMARY OF QUANTITIES				
		NON-GVT PART.	TRAIN.	EROSION CONTROL	ROAD	TOTAL		NON-GVT PART.	TRAIN.	EROSION CONTROL	BR 100	BR 200	ROAD	TOTAL	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
					450	450							2600	2600	3050	LF	DURABLE 4'' WHITE LINE	646.30	18
					130	130							660	660	790	LF	DURABLE 24'' STOP BAR	646.40	17
					17	17							68	68	85	EA	DURABLE LETTER IN WORD MARKING	646.44	10
					7250	7250							135220	135220	142470	LF	TEMPORARY 4'' WHITE LINE	646.50	1419
					30675	30675							190500	190500	221175	LF	TEMPORARY 4'' YELLOW LINE	646.51	1262
					22	22									22	EA	TEMPORARY LETTER IN WORD MARKING	646.64	4
					150	150									150	SY	REMOVAL OF EXISTING PAVEMENT MARKING	646.80	6
													8050	8050	8050	SY	GEOTEXTILE FABRIC FOR FILTERS	649.10	
										2950				2950	2950	SY	GEOTEXTILE FABRIC FOR SILT FENCE	649.20	EST.
				340		340				3020				3020	3360	LB	SEED	651.15	
				60		60				780				780	840	LB	SEED-WINTER RYE	651.17	
				2800		2800				25200				25200	28000	LB	FERTILIZER	651.18	
				12		12				100				100	112	TON	AGRICULTURAL LIMESTONE	651.20	
				14		14				126				126	140	TON	HAY MULCH	651.25	
					320	320							5150	5150	5470	CY	TOPSOIL	651.35	45
											365	120		485	485	CY	GRUBBING MATERIAL	651.40	
				180		180				2570				2570	2750	SY	EROSION MATTING	654.10	23
													1	1	1	EA	DECIDOUS TREES (1 1/2 - 2'' CAL) SUGAR MAPLE B&B	656.30	
													1	1	1	EA	TRANSPLANTING TREES	656.45	
													2	2	2	EA	TRANSPLANTING SHRUBS	656.50	
					500	500							890	890	1390	SF	TRAFFIC SIGNS, TYPE A	675.20	14
					64	64									64	SF	TRAFFIC SIGNS, TYPE B	675.21	
					1500	1500							5360	5360	6860	LB	FLANGED CHANNEL SIGN POSTS	675.30	62
					755	755							585	585	1340	LB	TUBULAR ALUMINUM SIGN POSTS	675.32	13.8
					435	435									435	LB	TUBULAR STEEL SIGN POSTS	675.33	3
					2	2									2	EA	FOUNDATION FOR TUBULAR STEEL SIGN POSTS - 18'' DIA	675.43	
					107	107							160	160	267	EA	REMOVING SIGNS	675.50	3
								48						48	48	SF	TRAVEL INFORMATION SIGNS (MOD.)	680.20	

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS		
		TEMPORARY EROSION CONTROL		
		F017-1(2)		HES
700	CY	TRENCH EXC. OF EARTH	650	50
3500	CY	SUBBASE OF DENSE GRADED CRUSHED STONE	3250	250
70	HR	ALL-PURPOSE EXC. RENTAL I	65	5
70	HR	TRUCK RENTAL	65	5
350	CY	STONE FILL, TYPE I	325	25
840	LB	SEED, WINTER RYE	780	60
28	TON	HAY MULCH	26	2
1400	SY	EROSION MATTING	1300	100
1000	SY	GEOTEXTILE FABRIC FOR SILT FENCE	1000	

DESIGN FILE NO. ZG0:[50,63J83B030.DGN;2
PRF FILE 83B0300S5
DRAWN BY LASKOWSKI
SQUAD LEADER PERKINS
DATE PLOTTED 1-JAN-1990
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON F 017-1(2)
PROJ. NO. BRIDPORT HES F 017-1(2)

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 CL	GATE VALVE EA	PIPE ELBOW NO-DEG	ES EA	CB	PRECAST	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	RELAY PIPE LF	CONC RMVL CY	EXC RNTL HR	TRK RNTL HR	REMARKS
SHOREHAM																																												
-1+50		CL	76-00 RT	DI/		X				18	84	.064	.060									4-0	2.4	228	1-D			85	3				12			1	I	1						EXIST. DI & STONE BOX ~ REMOVE
-0+90		RT		DI/DI																						1																	EXIST. DI & 12''CMP ~ CHANGE ELEV. OF DI
2+25		RT																										7																EXIST. 15'' CGMP ~ REMOVE
6+00		CL		DI/		X				18	8			III								0.3	31	1-B	1		3								1	I	1	1		0.5			EXIST. 18" RCP ~ RETAIN, EXTEND W/8' RCP & TYPE I STONE PAD @ OUTLET, LOWER DI WALLS 1' & REPLACE COVER W/ NEW CI GRATE
8+72		CL	85-15 RT	CHW/	X	X				24	32			III												1.0	19	3				5			3	II	1	1	8				EXIST. 24" RCP ~RETAIN, RELAY 8' & EXTEND 20' LT,
10+25	11+75	RT																										65								45	I							CONSTRUCT SPECIAL DITCH W/ STONE FILL, TYPE I
11+07			66-12 RT	ES/	X	X				36	98	.079	.105						1									165	3				19			11	II							REMOVE EXIST PIPE TYPE II STONE FILL @ INLET AND OUTLET
11+20	11+48		60-30 RT							24	44				.064	(MODIFIED)											7																	TEMPORARY PIPE FOR DETOUR
14+50										18	4			III													4					1			1	I	1	1					EXTEND EXIST PIPE 4' LT, W/TYPE I STONE PAD @ OUTLET
14+50	16+65	RT																																						3	3			DITCHING
18+25		RT			X	X																																						EXIST 12'' ACCGMP ~ RETAIN
23+45	24+80	LT																																						2	2			DITCHING
24+80		LT			X	X				15	6				.064												1	1				1											REMOVE HEADWALL & EXTEND OUTLET 6'
25+03	27+35	LT																																						3	3			DITCHING
26+50		RT			X	X																																						EXISTING 18'' ACCGMP ~ RETAIN
31+20	31+46	RT			X	X																																						EXISTING 18'' CMP ~ RETAIN
40+00	41+65	RT																										40								41	I							CONSTRUCT SPECIAL DITCH W/ STONE FILL, TYPE I
41+46		CL																										58	3															EXISTING 24'' RCP ~ REMOVE
41+50		CL		ES/	X	X				36	80	.079	.075						1									94					15			21	II							TYPE II STONE FILL @ INLET, 12' X 14' TYPE II STONE PAD @ OUTLET
41+50		LT																										21						62										CONSTRUCT SPECIAL DITCH W/DOUBLE WIDTH EROS. MATT.
43+68		RT			X	X																																						EXISTING 15'' CMP ~ RETAIN
45+46		CL			X	X				18	8			III													3	1				1			1	I	1	1					EXIST. 18"RCP RETAIN, EXTEND 8' @ OUTLET, REMOVE "L" PORTION OF L HDL @ INLET
45+49	45+76	RT																																										EXISTING 12'' CMP ~ REMOVE, EXC. INCL. W/UNDER DRAIN EXC.
45+78		RT																										2	4							1	I							EXISTING SPRING ~ LOWER WALLS TO ELEV. 496.0 & BKFL W/STONE FILL TYPE I
50+46		CL			X	X																																1	1					EXISTING 18'' RCP ~ RETAIN
52+33		CL			X	X																																1	1					EXISTING 18'' RCP ~ RETAIN
53+00		RT			X	X																																						EXISTING 15'' CMP ~ RETAIN
58+61		CL			X	X				42	44				.109				1				0.8	29				24					6			27	II							EXIST 4' X 5' CONC. BOX EXTEND LT. W/20' PIPE, EXTEND RT. W/24' PIPE
SHEET	TOTAL									15	6				.064								3.5	288	1-B	2	1.0	598	18				62		62	91	I	7	6	8	0.5	8	8	
										18	20			III											1-D											62	II							
										18	84	.064	.060																																	
										24	32			III																															
										24	44				.064	(MODIFIED)																													
TOTALS										36	80	.079	.075						1																										
										36	98	.079	.105						1																										
										42	44				.109																													

SHEET 1 OF 13

STEEL BEAM GUARD RAIL

STA.	STA.	LT.	RT.	END TREATMENT
SHOREHAM				
99+06	102+43		337	
100+18	103+56	338		
142+50	146+50	400		
BRIDPORT				
281+04	283+29		225	
282+29	283+79	150		
284+42	285+92		150	
284+42	286+92	250		
241+00	248+00		700	
242+00	248+25	625		
303+50	313+00		950	
304+50	309+50	500		
ADDISON				
342+10	347+60		550	
343+00	349+00	600		
372+00	375+75		375	
371+50	375+50	400		
SUB TOTAL		3263	3287	
TOTALS		6550		

UNDERDRAIN

STA.	STA.	TYPE	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB	MKR PST
45+46	46+00	U	RT	6	54	17			1	2
307+50	308+00	C	LT	6	60	18			1	2
308+00	312+50	U	LT	6	460	295			1	1
ADDISON										
496+44	496+44	C	LT	6	98					
TOTAL DESIGNED		C		6	158					
		U		6	514	330			3	5
ESTIMATED		U		6	486	297			1	3
ESTIMATED		C		6	142	68			1	2
TOTALS		C		6	300					
TOTALS		U		6	1000	695			5	10

PROJECT NAME SHOREHAM-BRIDPORT-ADDISON
PROJECT NUMBER F 017-1(2)

SHEET 12 OF 420 SHEETS

SHEET 12 OF 477

ITEM DETAIL AND DRAINAGE SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE STRUCTURES

HEAVY DUTY STEEL BEAM GUARD RAIL

STA.	STA.	POSITION	ASKEW	TYPE	DITCH		PIPE ARCH			PIPE		ALLOWABLE OPTIONS					GATE	PIPE	ES	CB	PB	DEPTH	CONC	REIN	DI	CHAN	CRM	TR EXCAV		COMM	UNC	STRUC	GRAN	GRAN	EROS	STONE FILL		MRKR POSTS		RELAY	CONC	EXC	TRK	REMARKS
				IN/OUT	IN	OUT	S	R	L	D	L	PCCSP	CAAP	RCP	CSP	PVC	VALVE	ELBOW			BLOCK	DEPTH DI	CONC CL B	REIN STEEL	DI GRATE	CHAN ELEV		EARTH	ROCK	COMM EXC	UNC CHAN EXC	STRUC EXCAV	GRAN BKF STRUC	GRAN BORR	EROS MATT					PIPE	RNTL	RNTL	
							IN	IN	FT	IN	FT	TH	TH	CL	TH	CL	EA	NO-DEG	EA				CY	LBS	TYPE		CY	CY	CY	CY	CY	CY	CY	CY	SY	CY	TYPE	LT	RT	LF	CY	HR	HR	
SHOREHAM																																												
63+24		CL			X	X																															1	1	8				EXIST 18'' RCP ~ RELAY 8' @ OUTLET
65+09	68+09	RT																										27													3	3	DITCH CLEANING
68+09.5		CL		DI/		X				24	62	.064	.060									4-0	2.7	228	2-A			59	2				9			5	II	1	1				REMOVE EXIST. PIPE & HDL, REPLACE W/NEW 4X6 DI @ INLET, TYPE I STONE PAD @ OUTLET
74+00		CL		ES/						18	12			III					1									14	2				3			2	I	1	1				EXIST. 18' RCP ~ RETAIN, REMOVE HDL & EXTEND W/ 4' RCP & ES @ INLET, EXTEND W/8' RCP & TYPE I STONE FILL PAD @ OUTLET
74+00	78+15	RT																																						4	4	DITCH CLEANING
78+15	78+35	RT																										22								7	I						CONSTRUCT SPECIAL DITCH W/ STONE FILL, TYPE I
78+25		CL			X	X				18	6				.064													3	2				1					1	1				EXIST. ACCGMP ~ RETAIN, REMOVE HDL & EXTEND W/6' CSP @ INLET
82+05		RT			X	X																																				EXIST. 15" CGMP ~ RETAIN
84+88	85+38	RT																																						1	1	DITCH CLEANING
85+45		RT			X	X																																				EXIST. 12'' CMP ~ RETAIN
85+52	87+02	RT																																						2	2	DITCH CLEANING
95+10		RT			X	X																																				EXIST. 15" CGMP ~ RETAIN
96+15		RT			X	X																																				EXIST. 14'' CIP ~ RETAIN
101+27	&101+37	CL													SEE	BR100		SERIES																									2 - NEW PLATE PIPE ARCHES
105+86		LT			X	X																																				EXIST. 15'' CMP ~ RETAIN
109+83		LT			X	X																																				EXIST. 15'' CMP ~ RETAIN
111+50		LT			X	X																																				EXIST. 15'' CMP ~ RETAIN
112+25	114+25	LT																																						2	2	DITCH CLEANING
115+12		CL		ES/	X	X				18	4			III					1									5	2				1			3	I	1	1				REPLACE 4' OF EXIST. 18" RCP W/NEW RCP & EXTEND W/ES & STONE FILL TYPE I PAD
116+30		LT																																									EXIST. 15'' CMP ~ RETAIN
118+00	123+10	LT																																					1	1				EXIST. 6'' UNDERDRAIN ~ RETAIN
119+50	121+70	LT																																						2	2	DITCH CLEANING
119+50	124+15	RT																																						4	4	DITCH CLEANING
124+40		RT		ES/	X	X				18	40				.064				1									21					6			1	I						REMOVE EXIST. PIPE, NEW 18" CSP W/CSPES @ INLET & STONE PAD TYPE 1 @ OUTLET
124+55	126+20	RT																																						2	2	DITCHING
124+70		LT			X	X																																	1					EXISTING 18'' ACCGMP W/DI RETAIN
127+78.5		CL			X	X																																	1	1				18'' RCP ~ RETAIN
132+76		CL		SH/	X	X																																	1	1	4			REMOVE & RELAY 4' OF EXIST. 18" RCP @ OUTLET
140+02		CL	85-53 RT	ES/	X	X				30	4				.079				1									23					3			15	I	1	1	8			REMOVE & RELAY 8' PIPE @ INLET EXTEND INLET W/4' PIPE PLUS CSPES
142+64		CL	54-26 LT		X	X				54	110	.109	.105																	109	330	43				61	II						REMOVE EXIST. PIPE ~ NEW 54" PIPE W/ STONE FILL TYPE II @ INLET & OUTLET W/STONE FILL TYPE II
142+64		CL	54-26 LT							54	18				.109	(MODIFIED)																												TEMP. 54" DETOUR PIPE
SHEET TOTALS										18	16			III					2			2.7	228	2-A			147	35	109	330	66				28	I	10		20		20	20	
										18	46				.064				1																	66	II		9				
										24	62	.064	.060																															
TOTALS										30	4				.079				1																								
										54	18				.109	(MODIFIED)																												
SHEET 2 OR 13										54	110	.109	.105																															

STA.	STA.	REMARKS
	BRIDPORT	
283+79	284+04	
284+17	284+42	
SUBTOTAL		
TOTAL		
FACTORED TOTAL		(50 X 1.4) + (50 X 1.2) = 130 LF
TOTALS		

UNDERDRAIN

STA.	STA.	TYPE	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB	MKR PST
TOTALS										

PROJECT NAME SHOREHAM-BRIDPORT-ADDISON
PROJECT NUMBER F 017-1(2)

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 CL	GATE VALVE EA	PIPE ELBOW NO-DEG	ES EA	CB	PROJECT	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	RELAY PIPE LF	CONC RMVL CY	EXC RNTL HR	TRK RNTL HR	REMARKS
SHOREHAM																																											
143+00	147+75	LT																									202								142	I						CONSTRUCT SPECIAL DITCH W/STONE FILL TYPE I
143+91		RT			X	X																																				EXIST. 18'' ACCGMP ~ RETAIN
144+05	145+25	RT																									49								35	I						CONSTRUCT SPECIAL DITCH W/STONE FILL TYPE I
BRIDPORT																																										
148+00	153+00	LT																																				2						EXIST. STD UNDERDRAIN ~ RETAIN
148+20	153+00	RT																																					2					EXIST. STD UNDERDRAIN ~ RETAIN
163+76		CL			X	X																																1	1					EXIST 18" RCP ~ RETAIN
169+78		CL			X	X																																1	1					EXIST 24'' CMP ~ RETAIN
172+75		LT			X	X																																						EXIST. 18" ACCGMP ~ RETAIN
176+40		LT			X	X																																						EXIST. 15'' CMP ~ RETAIN
180+50		LT			X	X																																						EXIST. 15" RCP ~ RETAIN (T.H. 42)
193+00	193+50	LT																																										CONSTRUCT SPECIAL DITCH (COM. EXC.)
193+64		LT			X	X				15	34			III	.064												5						5										NEW 18" DRIVE PIPE
193+80	199+45	LT																																										CONSTRUCT SPECIAL DITCH (COM. EXC.)
196+00		CL			X	X				18	8			III													2						1		2	II	1	1					EXIST. 18'' RCP ~ RETAIN & EXTEND @ OUTLET W/8' RCP & TYPE II STONE PAD
199+56		CL	65-00 RT		X	X																																1	1					EXIST. 15'' X 56' RCP ~ RETAIN
201+13		LT			X	X	17	13	40							.064											5						5										EXIST. 15" CMP ~ REMOVE, NEW 17" X 13" CSPA DRIVE PIPE
204+48		CL			X	X																																1	1					EXIST 24'' CGMP ~ RETAIN
211+50		CL			X	X																																1	1					EXIST 3.5' X 2' RC BOX ~ RETAIN
213+90	214+40	RT																																						1	1			DITCHING
214+52		RT			X	X				15	24			III	.064												17						3		1	I							EXIST. 15" CMP ~ REMOVE PIPE, NEW 15" PIPE W/TYPE I STONE PAD @ OUTLET
214+64	215+14	RT																																						1	1			DITCHING
215+49	216+49	LT																																						1	1			DITCHING
216+64		LT			X	X				15	30			III	.064												13						4		1	I							NEW 15" PIPE W/TYPE I STONE PAD @ OUTLET
216+75	219+25	LT																																111										CONSTRUCT SPECIAL DITCH (COM. EXC.) W/EROS. MATT.
227+35		CL			X	X																																	1	1					24'' CMP ~ RETAIN
SHEET TOTALS										15	88			III	.064												293						18		111	179	I	9	9			3	3	
TOTALS										18	8			III																						2	II							
SHEET 3 OF 13							17	13	40							.064																												

BREAKAWAY CABLE TERMINAL

STA.	STA.	LT.	RT.	END TREATMENT
SHOREHAM				
98+81	99+06		1	
99+93	100+18	1		
102+43	102+68		1	
103+56	103+81	1		
142+25	142+50	1		
146+50	146+75	1		

TOTAL			6	
BRIDPORT				
280+79	281+04		1	
282+04	282+29	1		
286+92	287+17	1		
285+92	286+17		1	
240+75	241+00		1	
241+75	242+00	1		
248+00	248+25		1	
248+25	248+50	1		
303+25	303+50		1	
304+25	304+50	1		
309+50	309+75	1		
313+00	313+25		1	

TOTAL			12	
TOTALS				

UNDERDRAIN

STA.	STA.	TYPE	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB	MKR PST
TOTALS										

PROJECT NAME SHOREHAM-BRIDPORT-ADDISON
PROJECT NUMBER F 017-1(2)

SHEET 14 OF 420 SHEETS

SHEET 14 OF 477

ITEM DETAIL AND DRAINAGE SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE STRUCTURES

BREAKAWAY CABLE TERMINAL

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 CL	GATE VALVE EA	PIPE ELBOW NO-DEG	ES EA	CB	PRCD	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	RELAY PIPE LF	CONC RMVL CY	EXC RNTL HR	TRK RNTL HR	REMARKS
BRIDPORT																																												
230+25		LT			X	X																					1.2	8				4			4	II			20				EXISTING 30" RCP ~ REMOVE & RELAY W/NEW CRADLE
																																											HDL @ INLET & TYPE II STONE FILL PAD @ OUTLET
230+25		CL			X	X				24	8			III												1.0	4				1			2	II	1	1					EXIST. 24" RCP ~ RETAIN, EXTEND W/8' RCP, NEW CRADLE HDL & TYPE II STONE FILL PAD @ OUTLET
230+25		RT			X	X																																					EXIST. 24" RCP ~ RETAIN
232+00		RT			X	X																																					EXIST. 15'' CMP ~ RETAIN
240+86		RT			X	X																																					EXIST. 12'' CGMP ~ RETAIN
242+50		CL			X	X				24	4			III													3					1			2	I	1	1					EXTEND @ OUTLET W/4' RCP & TYPE I STONE PAD
245+42		CL			X	X																																1	1					EXIST. 18'' RCP ~ RETAIN
255+25		RT			X	X																																					EXIST. 15'' CMP ~ RETAIN
256+25		RT			X	X																																					EXIST. 15'' CMP ~ RETAIN
258+85		RT			X	X																																					EXIST. 18'' CGMP ~ RETAIN
258+95	259+45	RT																																						1	1		DITCH CLEANING
259+45		CL																																				1	1					EXIST. 24'' ACCGMP ~ RETAIN
261+90	262+90	RT																																						1	1		DITCH CLEANING
262+90		CL			X	X				18	4			III													7					1			3	I	1	1					EXTEND @ OUTLET W/4' PIPE & TYPE I STONE PAD
267+50	270+10	RT																																						2	2		DITCH CLEANING
268+62		LT			X	X																																					EXIST. 12'' ACCGMP ~ RETAIN
278+15		RT			X	X																																					EXIST. 18'' CMP ~ RETAIN (T.H. 30)
278+40	283+87	RT																																						6	6		DITCHING
284+10		CL								SEE SHEET BR200 SERIES																																		EXTEND EXIST. R. C. BOX
284+30	291+80	RT																																						9	9		DITCHING
292+13	292+39	LT			X	X				15	54			III			.064									8					8												NEW 15" PIPE
292+20		RT			X	X				24	32						.064									6	2				6												EXIST. 24'' CGMP ~ RETAIN & EXTEND @ INLET & OUTLET W/16' CSP, REMOVE HDLS
300+77		LT			X	X																																					EXIST. 15'' ACCGMP ~ RETAIN
156+37		LT			X	X																						3															EXIST. 15'' GMP ~ RETAIN & REMOVE HEADWALLS EACH END
157+79		LT			X	X																																					EXIST. 15'' CMP ~ RETAIN
158+06		RT			X	X																																					EXIST. 18'' CMP ~ RETAIN
158+82		LT			X	X																																					EXIST. 15'' CGMP ~ RETAIN
160+05		LT			X	X																																					EXIST. 15'' CMP ~ RETAIN (T.H. 29)
160+89		LT			X	X																																					EXIST. 12'' GMP ~ RETAIN
161+23	161+90	RT			X	X																																		1	1		DITCHING
161+23		RT			X	X																																					EXIST. 12'' CGMP ~ RETAIN
SHEET	TOTALS									15	54			III			.064									2.2	36	5			21			5	I	5	5	20		20	20	
TOTALS SHEET 4 OF 13										18 24 24	4 12 32			III III			.064																	6	II							

BREAKAWAY CABLE TERMINAL				
STA.	STA.	LT.	RT.	END TREATMENT
341+85	342+10		1	
342+75	343+00	1		
347+60	347+85		1	
349+00	349+25	1		
371+75	372+00		1	
371+25	371+50	1		
375+75	376+00		1	
375+50	375+75	1		
TOTAL			8	

SHOREHAM	6
BRIDPORT	12
ADDISON	8
TOTALS	26

UNDERDRAIN

STA.	STA.	TYPE	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB	MKR PST
TOTALS										

PROJECT NAME SHOREHAM-BRIDPORT-ADDISON
PROJECT NUMBER F 017-1(2)

ITEM DETAIL AND DRAINAGE SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE STRUCTURES

STA.	STA.	POSITION	ASKEW	TYPE	DITCH		PIPE ARCH			PIPE		ALLOWABLE OPTIONS					GATE	PIPE	ES	CB	RCCD	DEPTH	CONC	REIN	DI	CHAN	CRM	TR EXCAV		COMM	UNC CHAN	STRUC	GRAN	GRAN	EROS	STONE FILL		MRKR		RELAY	CONC	EXC	TRK	REMARKS
				IN/OUT	IN	OUT	S	R	L	D	L	PCCSP	CAAP	RCP	CSP	PVC	VALVE	ELBOW				DI	CL B	STEEL	GRATE	ELEV		EARTH	ROCK	EXC	EXC	EXCAV	BKF STRUC	BORR	MATT			POSTS		PIPE	RMVL	RNTL	RNTL	
							IN	IN	FT	IN	FT	TH	TH	CL	TH	CL	EA	NO-DEG	EA				CY	LBS	TYPE		CY	CY	CY	CY	CY	CY	CY	CY	SY	CY	TYPE	LT	RT	LF	CY	HR	HR	
BRIDPORT																																											SHOREHAM
162+02	163+30	RT				X				12	12				.064			1-20										2					2					1					EXIST 8'' VCP ~ EXTEND @ OUTLET W/ NEW 12' CSP
163+30	164+70	RT/LT		DI		X																																				EXIST 8'' VCP ~ RETAIN
163+30	165+10	RT		DI		X																																1					EXIST 8'' VCP ~ RETAIN
164+56	164+69	LT		ES/	X					15	10				.064				1									3					2					1					NEW 15" CSP W/CSPES @ INLET REMOVE DEBRIS BARS
																																										AND MODIFY DI OPENINGS TO ACCEPT 15" CSP, FILL
																																										AND GRADE AROUND DI
164+75	164+88	LT		ES/	X					15	10				.064				1									3					2					1					NEW 15" CSP W/CSPES @ INLET REMOVE DEBRIS BARS
																																										AND MODIFY DI OPENINGS TO ACCEPT 15" CSP, FILL
																																										AND GRADE AROUND DI
164+85	166+50	LT																																										CONSTRUCT SPECIAL DITCH (COM. EXC.)
165+19		LT			X	X				15	36			III	.064													5					5										NEW 15" DRIVE PIPE, LAY IN V OF DITCH
165+89		LT																										1															EXIST. 15'' CMP ~ REMOVE
165+91		LT			X	X				15	34			III	.064													5					5										NEW 15" DRIVE PIPE, LAY IN V OF DITCH
165+91		RT			X	X																																					EXIST. 15'' GMP RETAIN
																																											BRIDPORT HES F017-1(2)
																																											SEE SHEET 11 OF 13
202+45		LT			X	X	17	13	40						.064													8					3										NEW 17" X 13" CSPA DRIVE
204+50		LT			X	X	17	13	60						.064													8					8										NEW 17" X 13" CSPA DRIVE
205+25		LT			X	X	17	13	70						.064													9					9										NEW 17" X 13" CSPA DRIVE
205+60	214+00	LT																																373										CONSTRUCT SPECIAL DITCH (COM. EXC.) W/EROS. MATT.
206+00	212+00	RT																																267										CONSTRUCT SPECIAL DITCH (COM. EXC.) W/EROS. MATT.
212+00	216+30	RT																																							4	4			DITCH CLEANING
213+00		RT			X	X																																					EXIST. 18'' GMP ~ DRIVE PIPE ~ RETAIN
213+96		RT																																										EXIST. 15'' GMP ~ DRIVE PIPE ~ RETAIN
214+00	218+00	LT																																							4	4			DITCH CLEANING
216+52		RT								15	42			III	.064													8															EXIST. 12'' GMP ~ REMOVE & REPLACE W/NEW 15" PIPE
219+35										30	10				.079													15								15	II	1	1					EXIST. 3' X 2' RC BOX @ INLET, 30" GMP @ OUTLET ~ EXTEND W/NEW 10' CSP @ OUTLET & STONE FILL TYPE II PAD @ INLET AND OUTLET
220+34		RT																																										EXIST. 15'' GMP ~ DRIVE PIPE ~ RETAIN
222+01		RT																																										EXIST. 15'' GMP ~ DRIVE PIPE ~ RETAIN
SHEET	TOTALS									12	12				.064			1-20										67					36		640	15	II	3	3		8	8		
										15	20				.064				2																									
TOTALS										15	112			III	.064																													
SHEET 5 OF 13							17	13	170	30	10				.079																													
															.064																													

REMOVAL AND DISPOSAL OF GUARD RAIL

STA.	STA.	LT.	RT.	END TREATMENT
10+10	11+92	182		
10+38	12+18		180	
57+74	59+83	209		
58+06	59+92		186	
100+95	101+20	25		
100+96	101+20		24	
101+40	101+68	28		
101+40	101+65		25	
114+40	117+70		330	
138+64	140+48	184		
138+72	140+72		200	
141+98	143+68		170	
142+54	147+54	500		
TOTAL		1128	1115	
TOTALS				

UNDERDRAIN

STA.	STA.	TYPE	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB		MKR PST
TOTALS											

PROJECT NAME SHOREHAM-BRIDPORT-ADDISON
PROJECT NUMBER F 017-1(2)

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 CL	GATE VALVE EA	PIPE ELBOW NO-DEG	ES EA	CB	PAVED	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	RELAY PIPE LF	CONC RMVL CY	EXC RNTL HR	TRK RNTL HR	REMARKS
BRIDPORT																																												
TH 19																																												
41+90		RT																																										EXIST. 12'' ACCGMP ~ DRIVE PIPE ~ RETAIN
222+09		LT																																										EXIST. 8'' CGMP ~ DRIVE PIPE ~ RETAIN
222+64		RT																																										EXIST. 15'' GMP ~ DRIVE PIPE ~ RETAIN
21+75	22+75	LT																																44										CONSTRUCT SPECIAL DITCH (COM. EXC.) W/EROS. MATT.
23+40		RT			X	X	17	13	38						.064												5					5										NEW 17" X 13" CSPA DRIVE, LAY IN DITCH
24+15		RT					17	13	40						.064												5					5										NEW 17" X 13" CSPA DRIVE, LAY IN DITCH
24+35	25+80	RT																																64										CONSTRUCT SPECIAL DITCH (COM. EXC.) W/EROS. MATT.
25+75	26+25	LT																																22										CONSTRUCT SPECIAL DITCH (COM. EXC.) W/EROS. MATT.
25+90		RT					17	13	30						.064												4					4										NEW 17" X 13" CSPA DRIVE
245+53		CL	70-01 LT																																									EXIST. 72'' CGMPP ~ RETAIN
252+63	254+35	RT																																							2	2	DITCHING (SPECIAL DITCH)
254+45		RT			X	X																																						EXIST. 15'' CMP ~ RETAIN
255+68		LT			X	X																																						EXIST. 15'' ACCGMP ~ RETAIN
259+68		CL	56-03 LT	ES/	X	X				36	20				III				1								31	5			4			24	II								EXIST. 36" RCP ~ RETAIN ~ REMOVE HDL & EXTEND W/ 4' PIPE & ES @ INLET, EXTEND W/16' RCP @ OUTLET & STONE FILL TYPE II DITCH @ EA. END
260+97		CL		ES/	X	X				24	16				III				1								17	3			3			13	II	1	1	4					RELAY 4' EXIST. 24" CSP & EXTEND W/NEW 16' RCP @ OUTLET, REMOVE HDL & EXTEND W/RCPES @ INLET, STONE FILL TYPE II DITCH @ EACH END
264+14		RT			X	X																						1														EXIST. 18'' ACCGMP ~ RETAIN, REMOVE HEADWALL
267+75		CL			X	X																																1	1				EXIST. 18'' RCP ~ RETAIN
273+17		RT			X	X																						1														EXIST. 15'' ACCGMP ~ RETAIN, REMOVE TOP 2' OF INLET HDL
273+90		RT			X	X																																						EXIST. 15'' ACCGMP ~ RETAIN
277+13		LT			X	X																						1														EXIST. 15'' ACCGMP ~ RETAIN, REMOVE TOP 2' OF INELT HDL
280+78		RT			X	X																																						EXIST. 24'' CMP ~ RETAIN
283+74		RT			X	X																																						EXIST. 24'' CMP ~ RETAIN
285+06		CL			X	X																						50	1						40	II			8					EXIST. 36'' RCP ~ RETAIN, RELAY 8' PIPE & REMOVE TOP 1' OF HDL @ OUTLET, STONE FILL TYPE II DITCH @ EACH END
288+44		RT			X	X				24	16				.064												4	6			3												EXIST. 24" ACCGMP ~ RETAIN, REMOVE HDL, FLUSH PIPE & EXTEND W/NEW 8' CSP @ EACH END
288+60	295+34	RT																										230							187	I								CONSTRUCT SPECIAL DITCH W/STONE FILL TYPE I
295+50		RT		ES/	X	X	35	24	40						.079				1								8				8												NEW 35" X 24" CSPA DRIVE W/CSPAES
SHEET	TOTALS									24	16				III				1								354	18			32		130	187	I	2	2	12		2	2		
										24	16				.064																				77	II							
TOTALS							17	13	108	36	20				III				1																									
SHEET 6 OF 13							35	24	40						.064				1																									
															.079																												

REMOVAL AND DISPOSAL OF GUARD RAIL

STA.	STA.	LT.	RT.	END TREATMENT
BRIDPORT				
158+54	160+47	193		
158+63	160+23		160	
243+08	247+31	423		
283+04	285+07	203		
283+04	285+07		203	
243+00	247+88		488	
259+66	261+33	167		
305+00	312+08		708	
305+16	307+74	258		
318+18	319+54		136	
TOTAL		1244	1695	
ADDISON				
343+23	347+91		468	
343+51	348+21	470		
358+79	361+83	304		
372+52	374+75		223	
373+15	374+82	167		
TOTAL		941	691	
SHOREHAM		1128	1115	
BRIDPORT		1244	1695	
ADDISON		941	691	
SUB TOTAL		3313	3501	
ROUNDING		3	3	
TOTALS		6820		

UNDERDRAIN

STA.	STA.	TYPE	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB	MKR PST
TOTALS										

PROJECT NAME SHOREHAM-BRIDPORT-ADDISON
PROJECT NUMBER F 017-1(2)

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 CL	GATE VALVE EA	PIPE ELBOW NO-DEG	ES EA	CB	PROJECT	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 CMAN 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	RELAY PIPE LF	CONC RMVL CY	EXC RNTL HR	TRK RNTL HR	REMARKS
BRIDPORT																																												
295+70	300+86	RT																									382								195	I							CONSTRUCT SPECIAL DITCH W/STONE FILL TYPE I
298+50		LT			X	X																																						EXIST. 15" ACCGMP ~ RETAIN
299+60		LT																																										EXIST. 15" ACCGMP ~ RETAIN
301+02		RT		ES/	X	X	42	29	44						.079				1								9						9											EXIST. 18'' CGMP ~ REMOVE, NEW 42" X 29" CSPA W/CSPAES
301+15		RT			X	X																																1						EXIST. 6'' UNDERDRAIN ~ REMOVE, SHORTEN & RELAY
301+25	302+78	RT																									305								61	I							CONSTRUCT SPECIAL DITCH W/STONE FILL TYPE I
302+11	302+24	RT																																										EXIST. 4" PLASTIC UNDERDRAIN ~ REMOVE & RELAY
302+93		RT		ES/	X	X	42	29	42						.079				1								9						9											EXIST. 24'' CGMP ~ REMOVE, NEW 42" X 29" CSPA W/CSPAES
303+15	306+90	RT																									468								209	I							CONSTRUCT SPECIAL DITCH W/STONE FILL TYPE I
304+05		LT			X	X				18	14				.064												6						6						30					EXIST. 18" CGMP ~ REMOVE, RELAY & EXTEND W/14' CSP
306+70	308+00	LT																									45								39	I							CONSTRUCT SPECIAL DITCH W/ STONE FILL, TYPE I
306+77		CL	77-45 RT																																									EXIST. 15'' CGMPP ~ RETAIN
308+00	312+25	LT																																189										CONSTRUCT SPECIAL DITCH (COM. EXC.) W/EROS. MATT.
315+40		RT			X	X																																						EXIST. 12'' CGMP ~ RETAIN
317+18		CL				X																																1	1					EXIST. 18'' CGMP ~ RETAIN (INLET ONT FOUND)
320+02		CL	85-05 LT		X	X				24	80	.064	.060	III													11					142	23			11	II	1	1					EXIST. 72'' CATTLE PASS ~ REMOVE, NEW 24" PIPE W/ TYPE II STONE FILL PADS @ EACH END
320+02		LT																									8												34					RELAY 34' OF 24" CSP FROM DETOUR AT 11+20 ~ 11+48
322+47		RT			X	X																																						EXIST. 12'' CMP ~ RETAIN
324+86		LT			X	X																																						EXIST. 24'' ACCGMP ~ RETAIN
ADDISON																																												
T. H. 45																																												
11+10		CL			X	X																																						EXIST. 15" CMP ~ RETAIN
T. H. 45																																												
10+85		RT			X	X				15	36				.064												5						5											NEW 15" CSP DRIVE
333+70	335+16	LT																																65										SPECIAL DITCH (COM. EXC.) W/EROS. MATT.
335+50		LT			X	X	17	13	50						.064												7						7										NEW 17" X 13" CSPA DRIVE, LAY PIPE IN DITCH
335+76	336+25	LT																																22										SPECIAL DITCH (COM. EXC.) W/EROS. MATT.
341+00	341+46	RT																																21										SPECIAL DITCH (COM. EXC.) W/EROS. MATT.
341+65		RT			X	X	21	15	52						.064												6						6										NEW 21" X 15" CSPA DRIVE, LAY PIPE IN DITCH
SHEET	TOTALS																										1261					142	65		297	504	I	2	3	64			
										15	36				.064																					11	II						
										18	14				.064																												
										24	80	.064	.060	III																														
TOTALS							17	13	50						.064																													
							21	15	52						.064																													
SHEET 7 OF 13							42	29	86						.079				2																									

REMOVAL AND DISPOSAL OF GUIDE POSTS

STA.	STA.	LT.	RT.	END TREATMENT
SHOREHAM				
8+30	8+93	9		
28+47	30+47	28		
130+00			1	(PROJ MARKER)
BRIDPORT				
173+41	175+57	28		
259+22	259+60		6	
ADDISON				
361+00			3	
376+00	376+24		2	
376+04	376+34	2		
380+13	380+66		3	
457+00			1	(PROJ MARKER)
ROUNDING			7	
SUB TOTAL		67	23	
TOTALS		90		

UNDERDRAIN

STA.	STA.	TYPE	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB	MKR PST
TOTALS										

PROJECT NAME SHOREHAM-BRIDPORT-ADDISON
PROJECT NUMBER F 017-1(2)

ITEM DETAIL AND DRAINAGE SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE STRUCTURES

GEOTEXTILE FABRIC FOR SILT FENCE

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	ALLOWABLE OPTIONS CAAP TH	ALLOWABLE OPTIONS RCP CL	ALLOWABLE OPTIONS CSP TH	ALLOWABLE OPTIONS PVC CL	GATE VALVE EA	PIPE ELBOW NO-DEG	ES EA	CB	PB SCO	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	RELAY PIPE LF	CONC RMVL CY	EXC RNTL HR	TRK RNTL HR	REMARKS
ADDISON																																										
341+84	342+00	RT																														7										SPECIAL DITCH (COM. EXC.) W/EROS. MATT.
342+65		LT			X	X																																			EXIST. 24'' ACCGMP ~ RETAIN (T.H. 27)
345+14		CL																																							EXIST. 78'' ACCGMP ~ RETAIN
348+62		RT			X	X																																			EXIST. 15'' CGMP ~ RETAIN
348+68		RT			X	X																																			EXIST. 18'' CGMP ~ RETAIN
354+90		RT			X	X																						1													EXIST. 15'' CMP ~ RETAIN, REMOVE TOP 2' OF EA HDL
361+00		CL		ES/	X	X				18	26				.064				1								6	2				4			4	I	1	1				EXIXT. 18" ACCGMP ~ RETAIN, EXTEND W/NEW 10' CSP & CSPES @ INLET, EXTEND W/NEW 16' CSP @ OUTLET
371+62		RT			X	X				18	50			III	.064												17					7										EXIST. 18'' CMP ~ REMOVE, NEW 18" CSP DRIVE
374+15		CL																																							EXIST. 84'' CMP ~ RETAICL
374+45		CL																																							EXIST. 72" CGMP ~ RETAIN ~ REPAIR FLOOR (2 TONS)
374+89	375+60	LT		DI/		X																	0.4	59	1-COVER																	EXIST. 18'' ACCGMP ~ RETAIN, REMOVE EXISTING COVER & REPLACE W/NEW CI COVER W/FRAME
375+60	376+45	LT		/DI	X					18	84				.064												28									1						NEW 18" CSP, INSERT PIPE IN THROAT OF EXIST. DI
376+12		RT			X	X				15	34				.064												7					7										EXIST. 15" CMP ~ REMOVE, NEW 15" CSP DRIVE PIPE
376+17		LT																									8														EXIST. 18" CMP ~ REMOVE
376+29	380+10	RT																																							CONSTRUCT SPECIAL DITCH (COM. EXC.)
382+00	382+84	RT																																							CONSTRUCT SPECIAL DITCH (COM. EXC.)
382+84		CL			X	X																					2	1									1	1					EXIST. 18'' RCP ~ RETAIN, LOWER HDWL 1' @ INLET & CLEAN OUTLET
385+50		CL								72	22				.138												9				92	27						30				EXIST. 72" CATTLE PASS ~ REMOVE & RELAY 15' EA. END, EXTEND W/NEW 10' @ RT & EXTEND W/NEW 12' @ LT (10 TONS)
389+25		CL			X	X																															1	1					EXIST. 24'' RCP ~ RETAIN
TH21 2+00	397+25	LT/RT																																					3	3			DITCH CLEANING
397+38		CL	118-30RT			X																	0.3	31	1-B	1	1										1	1		0.5			EXIST. 18'' RCP ~ RETAIN & LOWER DI WALLS 1' & REPLACE COVER W/ GRATE
400+60	400+75	RT																																					1	1			DITCH CLEANING
400+80.5		CL	109-45RT		X	X																															1	1					EXIST. 18'' RCP ~ RETAIN
404+68		LT								15	34			III	.064												12					5			1	I						NEW 15" CSP W/TYPE I STONE FILL PAD @ OUTLET, DRIVE PIPE
406+39.5		RT																																					1	1			DITCH CLEANING
406+39.5		CL																										1									1	1					EXIST. 18'' RCP ~ RETAIN ~ REMOVE TOP 2' OF LT. HDL
421+35		LT			X	X																																				EXIST. 15'' ACCGMP ~ RETAIN DRIVE
421+47	421+98	LT																																					1	1			DITCH CLEANING
421+98	422+62	LT			X	X				15	64			III	.064												28					9										NEW 15" CSP DRIVE
422+33		CL	144-00 RT		X	X																															1	1					EXIST. 18'' RCP ~ RETAIN
422+68		LT																																					1	1			DITCH CLEANING
424+47		LT																																					1	1			DITCH CLEANING
SHEET	TOTALS									15	34				.064								0.7	90	1-B	1	118	5			92	59		7	5	I	8	7	30	0.5	8	8	
										15	98			III	.064										1-COVER																	
TOTALS SHEET 8 OF 13										18	110				.064				1																								
										18	50			III	.064																												
										72	22				.138																												

STA.	STA.	LT.	RT.	END TREATMENT
SHOREHAM				
8+00	15+00	700		
100+00	103+00	300		
100+00	103+00		300	
138+00	141+00	300		
142+50	143+50	100		
141+50	143+80		230	
SUB	TOTAL	1400	530	
BRIDPORT				
281+50	285+50	400		
282+50	287+00		450	
242+50	247+00	450		
242+50	247+00		450	
305+00	306+50	150		
307+00	313+00		600	
SUB	TOTAL	1000	1500	
ADDISON				
342+50	348+50	600		
342+50	348+50		600	
SUB	TOTAL	600	600	
SHOREHAM		1400	530	
BRIDPORT		1000	1500	
ADDISON		600	600	
SUB	TOTAL	3000	2630	
TEMP EROS CTL		1000		
	TOTAL	6630		
TOTALS				

UNDERDRAIN

STA.	STA.	TYPE	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB	MKR PST
TOTALS										

PROJECT NAME SHOREHAM-BRIDPORT-ADDISON
PROJECT NUMBER F 017-1(2)

ITEM DETAIL AND DRAINAGE SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE STRUCTURES

CAST-IN PLACE CONCRETE CURB, TYPE A

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 CL	GATE VALVE EA	PIPE ELBOW NO-DEG	ES EA	CB	RCPES	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	RELAY PIPE LF	CONC RMVL CY	EXC RNTL HR	TRK RNTL HR	REMARKS
ADDISON																																													
424+47		CL			X	X																						1									1	1					EXIST. 18'' RCP ~ RETAIN, REMOVE TOP 2' OF HDL RT
424+47	424+97	RT																																							1	1	DITCH CLEANING
431+53		CL			X	X																						3	1						1	I	1	1	8					EXIST. 18'' RCP ~ RETAIN, REMOVE & RELAY 8' PIPE W/STONE FILL TYPE I PAD @ OUTLET, REMOVE TOP 2' OF HDL @ INLET
436+14.5		CL	61-OORT		X	X																							1								1	1					EXIST. 18'' RCP ~ RETAIN, REMOVE TOP 2' OF HDL @ INLET
436+28	436+93	RT																																						1	1	DITCH CLEANING
437+05		RT			X	X																							1															EXIST. 18'' ACCGMP ~ RETAIN, REMOVE TOP 2' OF EA HDL
437+78		RT			X	X				15	12				.064												3	3				2											EXIST. 15' CGMP ~ RETAIN, REMOVE BOTH HDLS & EXTEND PIPE 6' AT EA END
440+95		CL	72-OORT	DI/		X																0.3	31	1-A	1		1									1	1		0.5			EXIST. 18' RCP ~ RETAIN, LOWER DI WALLS 1' & REPLACE COVER W/GRATE
447+70		RT			X	X				18	6				.064												2	4				1											EXIST. 18' ACCGMP ~ RETAIN, REMOVE HDL @ EACH END, & ENTEND W/6' CSP @ INLET
450+10		RT			X	X																																						EXIST. 15'' CGMP ~ RETAIN DRIVE
451+25		LT																																						1	1	DITCH CLEANING
451+25		CL		DI/	X	X																0.3	31	1-B	1		1									1	1		0.5			EXIST. 18'' RCP ~ RETAIN, LOWER DI WALLS 1' & REPLACE COVER W/ GRATE
453+50	456+50	LT																																						3	3	DITCH CLEANING
460+44		CL	134-30RT	DI/		X																0.3	31	1-B	1		2									1	1		1.0			EXIST. 24'' RCP ~ RETAIN, LOWER DI WALLS 2' & REPLACE COVER W/ GRATE
461+00	461+70	RT																																						1	1	DITCHING - CLEAN AND SHAPE
461+70	463+20	RT																																						2	2	DITCH CLEANING
463+20.5		CL		DI/	X	X				30				III				1									6	4							2	I	1	1	4				EXIST. 30'' RCP ~ RETAIN, RELAY 4' PIPE & STONE FILL TYPE I PAD @ OUTLET, REMOVE HDL & EXTEND W/RCPES @ INLET
463+50	464+50	LT																																						1	1	DITCHING ~ CLEANING AND SHAPING
466+07		LT																																						1	1	DITCH CLEANING
466+07		CL			X	X				48	8				.109												8					2			5	I							EXIST. 48" ACCGMP ~REPLACE 8' PIPE W/ NEW 48" CSP @ OUTLET, STONE FILL TYPE I PAD @ EACH END
470+28		CL		DI/	X	X				36				III				1									15	5				10			2	I			8				EXIST 36" RCP ~ RETAIN, REMOVE HDL & EXTEND W/ES @ INLET, RELAY 8' & TYPE I STONE FILL PAD @ OUTLET
474+00	479+00	RT																																						5	5	DITCH CLEANING
479+29		CL	130-30RT	DI/	X	X				24				III				1									5	3									1	1					EXIST. 24'' RCP ~ RETAIN, REMOVE HDL & EXTEND W/CSPES
SHEET	TOTALS									15	12				.064							0.9	93	1-A	3		46	23				15			10	I	8	8	20	2.0	16	16	
										18	6				.064									2-B																		
										24				III				1																										
TOTALS										30				III				1																										
										36				III				1																										
										48	8				.109																												

SHEET 9 OF 13

SHORE HAM - BRIDPORT - ADDISON
F017 - 1(2)

SHORE HAM ISLAND

STA.	STA.	LT.	RT.	END TREATMENT
BRIDPORT				
22+75	25+75	300		
ROUNDING		3		
TOTAL		454		
BRIDPORT	HES	F017 - 1(2)		
VT 125 WEST				
198+80	LT REV 276+78 RT			102
VT 125 WEST				
REV 276+95 LT	199+72 LT			104
TOTAL		206		
TOTALS		660		

UNDERDRAIN

STA.	STA.	TYPE	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB	MKR PST
TOTALS										

PROJECT NAME SHOREHAM-BRIDPORT-ADDISON
PROJECT NUMBER F 017-1(2)

SHEET 20 OF 420 SHEETS

ITEM DETAIL AND DRAINAGE SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE STRUCTURES

CAST-IN PLACE CONCRETE CURB, TYPE B

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 CL	GATE VALVE EA	PIPE ELBOW NO-DEG	ES EA	CB	PRCD I	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	RELAY PIPE LF	CONC RMVL CY	EXC RNTL HR	TRK RNTL HR	REMARKS
ADDISON																																												
TH 17																																												
0+65		RT			X	X				24	12				.064												9	4				2			6	II	2						EXIST. 24" ACCGMP ~ RETAIN, REMOVE TOP 1' HDL @ INLET REMOVE HDL & EXTEND W/NEW 12' CSP & TYPE II STONE FILL PAD @ OUTLET (T.H. 17)
482+30	483+30	LT																																						1	1	DITCH CLEANING
483+46		LT		ES/	X	X				18					.064				1									4														EXIST. 18" ACCGMP ~ RETAIN. REMOVE BOTH HDL & EXTEND W/NEW CSPES @ INLET
483+60		LT																										1														REMOVE CONCRETE WALL
484+93		RT			X	X																																				EXIST. 18'' CGMP ~ RETAIN
485+36		RT			X	X																						1														EXIST. 18" ACCGMP ~ RETAIN, REMOVE TOP 1' OF HDWLS @ EACH END
486+23		LT			X	X																																				EXIST. 15'' CMP ~ RETAIN
488+18		LT		ES/	X	X				18					.064				1									4														EXIST. 18" ACCGMP ~ RETAIN, REMOVE HDLS & EXTEND W/ES @ INLET
495+80	497+18	LT								12	170					150	2						4.0				300	20				40											RELOC. OF WATER LINE FOR CATTLE PASS
496+50		CL			X	X				84	98		.135	(3" X 1" CORR.)									15.0	122						541	458	47	218										NEW 84" PCCSP CATTLE PASS, W/PAVED PAD (25 TONS)
503+00	505+59	RT																																									CONSTRUCT SPECIAL DITCH (COM. EXC.)
505+59		CL		ES/	X	X				24	8				.064				1									8	3				1			2	I	1	1					EXIST 24" ACCMP ~ RETAIN, REMOVE HDL & EXTEND W/4' CSP & CSPES @ INLET, EXTEND W/4' CSP & STONE FILL TYPE I PAD @ OUTLET
505+59	507+12	RT																																									CONSTRUCT SPECIAL DITCH (COM. EXC.)
507+40		RT			X	X				15	28				.064												8					7			2	I			28				REMOVE & RELAY EXIST. ACCGMP & EXTEND W/NEW 28' CSP @ INLET & STONE FILL TYPE I PAD @ OUTLET
507+68	508+00	RT																																									CONSTRUCT SPECIAL DITCH (COM. EXC.)
509+76		RT			X	X																																				EXIST. 12'' ACCGMP ~ RETAIN
512+33		RT																										3	2														REMOVE EXIST. 12'' CGMP & HDLS
522+31		CL		ES/	X	X				24				III					1									1	3				1					1	1	4				EXIST. 24" RCP ~ RETAIN, REMOVE HDL & RELAY 4' OF CSP & EXTEND W/ES @ INLET
522+88		LT			X	X																																					EXIST. 18'' CGMP ~ RETAIN
532+52		RT			X	X																							4														EXIST. 18" ACCGMP ~ RETAIN, REMOVE HDLS
532+85		LT			X	X																																					EXIST. 18'' CMGP ~ RETAIN
534+50		RT			X	X																							4														EXIST. 18" ACCGMP ~ RETAIN, REMOVE HDLS
537+38		RT			X	X				12	12				.064												2	2				1												EXIST. 12" CMP ~ RETAIN, REMOVE HDLS & EXTEND W/NEW 6' CSP @ EACH END
538+19		RT			X	X																							4														EXIST. 18'' ACCGMP ~ RETAIN
538+33		LT			X	X				18	4				.064												1	4				1												EXIST 18" ACCGMP ~ RETAIN, REMOVE HDLS EXTEND W/NEW 4' CSP @ INLET
538+45	539+45	LT																																						1	1	DITCH CLEANING
543+47		RT																																									REMOVE RUBBLE PILE (COM. EXC.)
CULVERT FOR ESTIMATED DRIVES										15	200				.064												10	60															
SHEET TOTALS										12	12				.064								19.0	122			342	120		541	458	100	218		4	I	2	4	32		2	2	
										12	170					150	2																		6	II							
										15	228				.064																													
										18	4				.064				2																										
TOTALS										24				III					1																									
										24	20				.064				1																										
SHEET 10 OF 13										84	98		.135																														

TOTALS

UNDERDRAIN

STA.	STA.	TYPE	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB	MKR PST

TOTALS

STA.	STA.	LT.	RT.	END TREATMENT
BRIDPORT				
VT 125	EAST			
174+58	278+16		115	

PROJECT NAME SHOREHAM-BRIDPORT-ADDISON
PROJECT NUMBER F 017-1(2)

ITEM DETAIL AND DRAINAGE SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE STRUCTURES

REMOVING AN RESETTING FENCE

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 CL	GATE VALVE EA	PIPE ELBOW NO-DEG	ES EA	CB	PRECOT	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	RELAY PIPE LF	CONC RMVL CY	EXC RNTL HR	TRK RNTL HR	REMARKS
BRIDPORT	HES FOI	7-1(2)																																									
166+05	168+15	RT																																									CONSTRUCT SPECIAL DITCH (COM. EXC.)
168+81		RT			X																	0.3	31	1-A	1														0.5			CHANGE ELEV. OF DI ~ NEW CI GRATE W/FRAME TYPE A
171+50	172+20	RT																																								CONSTRUCT SPECIAL DITCH (COM. EXC.)
172+20	174+25	RT			X																						25															CONSTRUCT PAVED GUTTER (12 TONS) (23 CY SUBBASE)
172+00	172+90	LT																																								CONSTRUCT SPECIAL DITCH (COM. EXC.)
173+00	175+00	LT																																								CONSTRUCT SPECIAL DITCH (COM. EXC.)
175+90	177+00	LT																											51						33	I						CONSTRUCT SPECIAL DITCH W/ STONE FILL, TYPE I
176+08		CL	58-06 RT	DI/		X				30	12			III													5					2			7	II	1	1					RETAIN & EXTEND @ OUTLET W/ NEW 30 " RCP
177+50	180+00	LT																																								CONSTRUCT SPECIAL DITCH (COM. EXC.)
178+50	181+42	RT																																								CONSTRUCT SPECIAL DITCH (COM. EXC.)
181+42		CL			X	X				18	16				.064							0.2					4					2					1	1					RETAIN & EXTEND INLET W/NEW 18" CSP, INSERT
																																											PIPE IN EXIST. RC BOX & SEAL W/ CONC. CL B
188+56		RT			X	X																																						EXIST. 12'' GMP ~ RETAIN
191+03		RT			X	X																																						EXIST. 18'' CMP ~ RETAIN
193+29		CL			X	X				24	6				.064												3					1					1	1					RETAIN ~ EXTEND @ INLET W/ NEW 24'' CSP
199+39		CL	79-44 RT																								35	2															EXIST. 18'' CGMP ~ REMOVE
199+44	199+63	RT/LT		ES/	X					18	102	.064	.060						1								72					14						1					NEW 18" PIPE W/ES @ INLET
200+00	201+50	RT																																67									CONSTRUCT SPECIAL DITCH W/EROS. MATT.
200+90		RT			X	X	17	13	32						.064												2					2											EXIST. 12'' GMP ~ REMOVE
VT.125	(WEST)																																										
272+25	273+27	RT																										18							18	I							CONSTRUCT SPECIAL DITCH W/ STONE FILL TYPE I
272+50	273+04	LT																										16							18	I							CONSTRUCT SPECIAL DITCH W/ STONE FILL TYPE I
273+22		CL	48-40 RT	ES/	X	X				18	66	.064	.060						1								14					10						1	1					EXIST. 21" X 15" ACCGMP ~ REMOVE, NEW
VT.125	(WEST)																																										66' PIPE W/ES @ INLET
273+24		LT		ES/	X	X				24	36			III	.064				1																									NEW 24" DRIVE PIPE W/CSPES @ INLET
VT.125	(WEST)																																										
273+26	273+45	RT																																										CONSTRUCT DITCH BERM
VT. 125	(WEST)																																										
273+35	275+68	LT																										69							70	I							CONSTRUCT SPECIAL DITCH W/STONE FILL TYPE I
VT. 125	(WEST)																																										
273+45	275+08	RT																										52							53	I							CONSTRUCT SPECIAL DITCH W/STONE FILL TYPE I
VT. 125	(WEST)																																										
275+30		RT																										9															EXIST. 24'' RCP ~ REMOVE
VT. 125	(WEST)																																										
275+32		RT								15	54			III	.064																													NEW 15" DRIVE PIPE, LAY IN V OF DITCH
VT. 125	(WEST)																																										
275+63	276+54	RT																																80									CONSTRUCT SPECIAL DITCH (COM. EXC.) W/EROS. MATT.
VT. 125	(WEST)																																										
275+68	276+68	LT		RCDI/		X				24	108			III	.064							7.0	3.5	308	1-B		105												1					NEW 24" CSP W/NEW 4X4 RCDI @ INLET
VT. 125	(WEST)																																										
275+92		LT																										25																	15'' PIPE ~ INLET NOT FOUND ~ REMOVE
VT. 125	(WEST)																																										
276+54	276+78	RT																										4							4	I							CONSTRUCT SPECIAL DITCH W/STONE FILL TYPE I
T. H. 21																																											
30+42		CL																																										EXIST. 15'' ACCGMP ~ RETAIN
T. H. 21																																											
31+95		CL																																										EXIST. 8'' CGMP ~ RETAIN
SHEET	TOTALS									15	54			III	.064							4.0	339	1-A	1		458	2	51			31		147	196	I	5	5		0.5			
										18	16				.064									1-B												7	II							
										18	168	.064	.060						2																										
										24	6				.064																														
TOTALS										24	144			III	.064				1																									
										30	12			III																														
SHEET 11 OF 13							17	13	32						.064																													

UNDERDRAIN

STA.	STA.	TYPE	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB	MKR PST
TOTALS										

END TREATMENT STA.	STA.	LT.	RT.
SHOREHAM			
7+15	11+40	425	
14+05	20+75	670	
31+00	32+00		100
39+75	41+50		175
100+00	106+00		600
BRIDPORT			
163+00	165+00	200	
182+00	188+00	600	
194+40	199+70	530	
214+64	215+50		86
230+00	230+50	50	
205+50	218+10	1260	
206+25	212+00		575
25+00	26+50	150	
243+20	248+25	505	
259+35	261+40	205	
258+50	261+45		295
ADDISON			
242+45	352+65	1020	
385+00	386+00	100	
403+29	403+39	10	
420+00	420+40	40	
421+45	422+80	135	
424+40	424+60	20	
431+20	431+80	60	
503+20	507+30		410
ROUNDING		109	
TOTAL		8500	
TOTALS			

PROJECT NAME SHOREHAM-BRIDPORT-ADDISON
PROJECT NUMBER F 017-1(2)

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 CL	GATE VALVE EA	PIPE ELBOW NO-DEG	ES EA	CB	PROP DI	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	RELAY PIPE LF	CONC RMVL CY	EXC RNTL HR	TRK RNTL HR	REMARKS
SUMMARY	SHEET	# 1																																										
SHEET	1 OF 13									15	6				.064								3.5	288	1-B	2	1.0	598	18				62		62	91	I	7	6	8	0.5		8	8	
DRAINAGE	TOTAL									18	20			III											1-D											62	II								
										18	84	.064	.060																																	
										24	32			III																																
										24	44				.064	(MODIFIED)																															
										36	80	.079	.075						1																											
										36	98	.079	.105						1																											
										42	44				.109																															
SHEET	2 OF 13									18	16			III					2				2.7	228	2-A			147	35		109	330	66			28	I	10		20		20	20	20	
DRAINAGE	TOTAL									18	46				.064				1																	66	II		9						
										24	62	.064	.060																																	
										30	4				.079				1																											
										54	18				.109	(MODIFIED)																															
										54	110	.109	.105																																	
SHEET	3 OF 13									15	88			III	.064													293					18		111	179	I	9	9			3	3	
DRAINAGE	TOTAL									18	8			III																						2	II								
							17	13	40						.064																															
SHEET	4 OF 13									15	54			III	.064												2.2	36	5				21			5	I	5	5	20		20	20		
DRAINAGE	TOTAL									18	4			III																						6	II								
										24	12			III																															
										24	32				.064																															
SHEET	5 OF 13									12	12				.064			1-20										67				36		640	15	II	3	3			8	8		
DRAINAGE	TOTAL									15	20				.064				2																										
										15	112			III	.064																															
										30	10				.079																															
							17	13	170						.064																															
SHEET	6 OF 13									24	16			III					1									354	18			32		130	187	I	2	2	12		2	2		
DRAINAGE	TOTAL									24	16				.064																					77	II								
										36	20			III					1																											
							17	13	108						.064																															
							35	24	40						.079				1																											
SHEET	7 OF 13																											1261				142	65	297	504	I	2	3	64					
DRAINAGE	TOTAL									15	36				.064																					11	II								
										18	14				.064																															
										24	80	.064	.060	III																															
							17	13	50						.064																															
							21	15	52						.064																															
							42	29	86						.079				2																											
SHEET	8 OF 13									15	34				.064								0.7	90	1-B	1		118	5			92	59	7	5	I	8	7	30	0.5	8	8		
DRAINAGE	TOTAL									15	98			III	.064										1-COVER																				
										18	110				.064				1																											
										18	50			III	.064																															
										72	22				.138																															

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 CL	GATE VALVE EA	PIPE ELBOW NO-DEG	ES EA	CB	PROJ	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	RELAY PIPE LF	CONC RMVL CY	EXC RNTL HR	TRK RNTL HR	REMARKS
SUMMARY	SHEET	* 2																																											
SHEET	9 OF	13								15	12				.064							0.9	93	1-A	3		46	23				15			10	I	8	8	20	2.0	16	16		
DRAINAGE TOTAL										18	6				.064									2-B																				
										24				III					1																											
										30				III					1																											
										36				III					1																											
										48	8				.109																															
SHEET	10 OF	13								12	12				.064							19.0	122				342	120		541	458	100	218		4	I	2	4	32		2	2		
DRAINAGE TOTAL										12	170					150	2																		6	II								
										15	228				.064																															
										18	4				.064				2																											
										24				III					1																											
										24	20				.064				1																											
										84	98		.135																																	
FINAL	TOTALS																																												
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BRIDPORT	HES F017-1(2)																																												
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SHEET	11 OF	13								15	54			III	.064							4.0	339	1-A	1		458	2	51			31		147	196	I	5	5		0.5				
DRAINAGE TOTAL										18	16				.064									1-B												7	II								
										18	168	.064	.060						2																											
										24	6				.064																															
										24	144			III	.064				1																											
										30	12			III																																
							17	13	32						.064																															
SHORE HAM - BRIDPORT -		ADDISON	F017- 1(2)																																									
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SUMMARY OF SHEETS 1-10										12	24				.064			1-20				26.8	821	3-A	6	3.2	3262			650	1022	474	218	1247		56		206	3.0	87	87		
DRAINAGE TOTAL										12	170					150	2							4-B				224							1013	I	56							
										15	336				.064				2					1-D											245	II	-----							
										15	352			III	.064									1-COVER													112							
										18	48			III					2																											
										18	180				.064				4																											
										18	50			III	.064																															
										18	84	.064	.060																																	
										24	60			III					3																											
										24	68				.064				1																											
										24	44				.064	(MODIFIED)																															
										24	62	.064	.060																																	
										24	80	.064	.060	III																															
										30				III					1																											
										30	14				.079				1																											
										36	20			III					2																											
										36	80	.079	.075						1																											
										36	98	.079	.105						1																											
										42	44				.109																															
										48	8				.109																															
										54	18				.109	(MODIFIED)																															
										54	110	.109	.105																																	
										72	22				.138																															
										84	98				.138																															
							17	13	368						.064																															
							21	15	52						.064																															
							35	24	40						.079				1																											
TOTALS							42	29	86						.079				2																											
SHEET 13 OF 13																																													

STA.	STA.	LT.	RT.	END TREATMENT
SHOREHAM				
7+15	11+40	425		
14+05	20+75	670		
31+00	32+00		100	
39+75	41+50		175	
100+00	106+00		600	
BRIDPORT				
163+00	165+00	200		
182+00	188+00	600		
194+40	199+70	530		
214+64	215+50		86	
230+00	230+50	50		
205+50	218+10	1260		
206+25	212+00		575	
25+00	26+50	150		
243+20	248+25	505		
259+35	261+40	205		
258+50	261+45		295	
ADDISON				
242+45	352+65	1020		
385+00	386+00	100		
403+29	403+39	10		
420+00	420+40	40		
421+45	422+80	135		
424+40	424+60	20		
431+20	431+80	60		
503+20	507+30		410	
ROUNDING		109		
TOTAL		8500		
TOTALS				

BARB WIRE FENCE - 4 STRAND (TEMP)

REMARKS

UNDERDRAIN

STA.	STA.	TYPE	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB	MKR PST

EARTHWORKS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

V.C.	% GRADE	STATION	GRADES ELEVATION ON TANGENT	GRADES ELEVATION ON CURVES	GRADES CORR V.C.	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.	BASE AREA	BASE CU. YDS.
		SHOREHAM	MM 3.536	- MM	3.73									
			ESTIMATED EARTHWORKS											
				C -	990									
		-2+90		F -	0		27	BUTT					15	
				F. FAC -	1.15	990		990						550
		7+00		EX. C -	990		27						15	
				BASE -	550									
		SHOREHAM	MM 3.73	- MM	3.88									
		7+00					27						15	
						50		47						28
		+50					24				0		15	
						50		33				6		26
		8+00					12				6		13	
						50		24				72		27
		+50					14				72		16	
						22		11				97		13
		+72					14				165		15	
						28		15				90		15
		9+00					14				8		14	
						50		24				7		24
		+50					12				0		12	
						50		24				3		24
		10+00		C -	438		14				3		14	
				F -	868	50		29				71		30
		+50		F. FAC -	1.15		17				74		18	
				EX. F -	560	50		27				215		30
		11+00		BASE -	408		12				158		14	
						50		25				210		26
		+50					15				69		14	
						50		31				75		29
		12+00					19				12		17	
						50		31				11		27
		+50					14				0		12	
						50		28				0		24
		13+00					16				0		14	
						50		31				2		28
		+50					17				2		16	
						50		31				2		30
		14+00					17				0		16	
						50		27				7		27
		+50					12				8		13	
		SHOREHAM	MM 3.88	- MM	4.09									
			ESTIMATED EARTHWORKS											
		14+50		C -	689		12				8		13	
				F -	7	50		22				7		24
		15+00		F. FAC -	1.15		12				0		13	
				EX. C -	681	1200		667				0		578
		27+00		BASE -	602		18				0		13	
		SHOREHAM	MM 4.09	- MM	4.18									
		27+00					18						13	
						50		32						29
		+50					17				0		18	
						50		24				53		28
		28+00					9				57		12	
						50		21				106		25
		+50					14				57		15	
				C -	190	50		24				114		26
		29+00		F -	641		12				66		13	
				F. FAC -	1.15	50		27				121		27
		+50		EX. F -	547		17				65		16	
				BASE -	211	50		26				105		27
		30+00					11				48		13	
						50		19				81		24
		+50					9				40		13	
						50		17				61		25
		31+00					9				26		14	
			CARRIED FORWARD											
		SHEET 1 OF 10	COLUMN FOOTINGS					2307				1516		1771

V.C.	% GRADE	STATION	GRADES ELEVATION ON TANGENT	GRADES ELEVATION ON CURVES	GRADES CORR V.C.	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.	BASE AREA	BASE CU. YDS.
		SHOREHAM	MM 4.18	- MM	4.33									
			ESTIMATED EARTHWORKS											
		31+00					9						26	
				C -	309	50		17						24
		+50		F -	27		9						0	
				F. FAC -	1.15	820		273						0
		39+70		EX. C -	278		9						0	
				BASE -	468	30		19						3
		40+00					25						5	
		SHOREHAM	MM 4.33	- MM	4.37									
		40+00					25						5	
						50		70						44
		+50					51						42	
				C -	423	50		115						119
		41+00		F -	495		73						87	
				F. FAC -	1.15	46		147						221
		+46		EX. F -	146		99						173	
				BASE -	114	4		13						20
		+50					74						96	
						50		78						91
		42+00					10						2	
		SHOREHAM	MM 4.37	- MM	4.39									
			ESTIMATED EARTHWORKS											
		42+00		C -	81		10						2	
				F -	14	180		67						13
		43+80		F. FAC -	1.15		10						2	
				EX. C -	65	20		14						1
		44+00		BASE -	90		29						1	
		SHOREHAM	MM 4.39	- MM	4.52									
		44+00					29						1	
						50		47						8
		+50					22						8	
						50		43						19
		45+00					24				0		12	
						46		68			38		46	
		+46					56		45		42		14	
						4		7			5		5	
		+50		C -	1225		45		19		25		13	
				R -	648	50		122			65		42	
		46+00		F -	431		87		51		20		14	
				F. FAC -	1.15	50		131			81		31	
		+50		EX. C -	1050		55		37		13		15	
				BASE -	376	50		128			91		21	
		47+00					83		61		10		18	
						30		95			66		13	
		+30					88		58		13		16	
						20		64			44		9	
		+50					86		60		10		16	
						50		148			101		19	
		48+00					74		49		10		16	
						50		119			84		28	
		+50					55		42		20		15	
						50		90			56		51	
		49+00					42		18		35		15	
						50		66			17		58	
		+50					29		0		28		15	
						50		44					52	
		50+00					19						28	
						50		31					26	
		+50					14						0	
						50		22					3	
		51+00					10						3	
			CARRIED FORWARD											
			COLUMN FOOTINGS					2038		648				967		1048

V.C.	% GRADE	STATION	GRADES ELEVATION ON TANGENT	GRADES ELEVATION ON CURVES	GRADES CORR V.C.	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.	BASE AREA	BASE CU. YDS.
		SHOREHAM	MM 4.52	- MM	4.61									
			ESTIMATED EARTHWORKS											
		51+00		C -	353		10					3		10
				F -	6	100		37						6
		52+00		F. FAC -	1.15		10					0		10
				EX. C -	346	550		316						234
		57+50		BASE -	271		21						13	
		SHOREHAM	MM 4.61	- MM	4.74									
		57+50					21						13	
						50		49						26
		58+00					32					0		15
						50		42						27
		+50					13					99		14
						11		6						6
		+61		C -	175		16					208		14
				F -	603	39		20						21
		59+00		F. FAC -	1.15		12					94		15
				EX. F -	518	50		21						28
		+50		BASE -	169		11					43		15
						50		19						30
		60+00					10					28		17
						50		18						31
		+50					9					12		16
		SHOREHAM	MM 4.74	- MM	4.91									
			ESTIMATED EARTHWORKS											
		60+50		C -	434		9					12		16
				F -	511	1100		367						489
		71+50		F. FAC -	1.15		9					12		16
				EX. F -	154	50		67						22
		72+00		BASE -	683		63					12		18
		SHOREHAM	MM 4.91	- MM	5.00									
		72+00					63		0			12		18
						50		126		53				31
		+50					73		57			22		18
						50		143		117				40
		73+00		C -	676		81		69		21		17	
				R -	463	42		148		124		33		27
		+42		F -	191		109		90		22		18	
				F. FAC -	1.15	8		30		24		7		5
		+50		EX. C -	686		93		70		22		17	
				BASE -	158	50		139		105		45		30
		74+00					57		43		27		15	
						50		90		40		35		31
		+50					40		0		11		18	
		SHOREHAM	MM 5.00	- MM	5.49									
			ESTIMATED EARTHWORKS											
		74+50					40				11		18	
				C -	1169	50		48				10		33
		75+00		F -	43		12				0		18	
				F. FAC -	1.15	2400		1067				0		1600
		99+00		EX. C -	1120		12				0		18	
				BASE -	1709	100		54				33		76
		100+00					17				18		23	
			CARRIED FORWARD											
			COLUMN FOOTINGS					2807		463		1354		2990

PROJECT NAME SHOREHAM BRIDPORT ADDISON
PROJECT NUMBER F017-1(2)

SHEET 25 OF 420 SHEETS

SHEET 25 OF 477

EARTHWORKS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

GRADES V.C.	GRADES % GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V.C.	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.	BASE AREA	BASE CU. YDS.
		SHOREHAM	MM 5.49	- MM 5.58										
		100+00					17				18		23	
						50		30				26		43
		+50					15				10		23	
						50		28				20		49
		101+00					15				12		30	
						3		2				1		3
		+03	BACK				15	BUTT			12	BUTT	30	BUTT
		+03	AHEAD				60	BUTT			8	BUTT	75	BUTT
						13		35				22		36
		+16					87				84		76	
				C -	377	4		13				12		11
		+20		F -	316		87	BUTT			84	BUTT	76	
				F.FAC -	1.15									68
		+44		EX. C -	14		78	BUTT			78	BUTT	76	
				BASE -	498	4		12				12		11
		+48					78				78		76	
						13		35				20		37
		+61	BACK				67	BUTT			4	BUTT	76	BUTT
		+61	AHEAD				25	BUTT			4	BUTT	22	BUTT
						39		36				6		32
		102+00					25				4		22	
						50		36				18		48
		+50					14				15		20	
						50		27				31		33
		103+00					15				18		16	
						50		30				33		30
		+50					17				18		16	
						50		31				36		31
		104+00					16				21		18	
						50		32				41		34
		+50					19				23		19	
						50		30				38		32
		105+00					13				18		16	
		SHOREHAM	MM 5.58	- MM 6.17										
			ESTIMATED EARTHWORKS											
		105+00					13				18		16	
			C -	1881	100			48				33		59
		106+00	F -	33			13				0		16	
			F.FAC -	1.15	3000			1833				0		1778
		136+00	EX. C -	1843			20				0		16	
			BASE -	1837										
		SHOREHAM	MM 6.17	- MM 6.38										
		136+00					20						16	
						50		35						29
		+50					18						15	
						50		31						29
		137+00					15						16	
						50		31						30
		+50					18						16	
						50		34						31
		138+00	C -	245			19				0		17	
			F -	696	50			31				15		31
		+50	F.FAC -	1.15			14				16		17	
			EX. F -	555	50			29				131		31
		139+00	BASE -	237			17				125		16	
						50		28				285		29
		+50					13				183		15	
						50		26				265		27
		140+00					15				103		14	
		CARRIED FORWARD												
		COLUMN FOOTINGS						2503				1045		2572

GRADES V.C.	GRADES % GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V.C.	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.	BASE AREA	BASE CU. YDS.
		140+00					15				103		14	
						50		29				137		28
		+50					16				45		16	
						50		56				42		36
		141+00					45				0		23	
						50		102				0		38
		+50					65				0		18	
						50		81				7		35
		142+00					23				8		20	
						44		37				13		33
		+44	BACK				23	BUTT			8	BUTT	20	BUTT
		+44	AHEAD				53	BUTT			56	BUTT	61	BUTT
						13		30				26		29
		+57					71				51		61	
						14		39				37		32
		+71					78				92		61	
						13		33				45		29
		+84	BACK				60	BUTT			96	BUTT	61	BUTT
		+84	AHEAD				16	BUTT			100	BUTT	19	BUTT
						16		9				59		11
		143+00					16				100		19	
						50		26				201		34
		+50					12				117		18	
						50		27				122		33
		144+00		C -	645		17				15		18	
				F -	1321	50		31				66		34
		+50		F.FAC -	1.15		16				56		19	
				EX. F -	874	50		29				95		34
		145+00		BASE -	546		15				47		18	
						50		30				97		35
		+50					17				58		20	
						50		30				126		38
		146+00					15				78		21	
						50		25				141		36
		+50					12				74		18	
						50		31				107		31
		147+00					22				42		16	
		SHOREHAM	TOWN LINE		MM	6.38								
		BRIDPORT	TOWN LINE		MM	0.00								
		BRIDPORT	MM 0.00	- MM	0.07									
		147+00					22				42		16	
						50		44				61		31
		147+50					25				24		17	
						50		48				22		31
		148+00					27		0		0		17	
			C -	689	50			84		31		9		31
		+50	R -	240			64		34		10		16	
			F -	120	50			166		120		19		32
		149+00	F.FAC -	1.15			115		96		10		19	
			EX. C -	670	50			149		89		9		35
		+50	BASE -	256			46		0		0		19	
						50		71						34
		150+00					31						18	
						50		60						31
		+50					34						16	
						50		67						31
		151+00					38						18	
		BRIDPORT	MM 0.07	- MM	0.18									
			ESTIMATED EARTHWORKS											
		151+00	C -	448			38						18	
			F -	0	100			115						70
		152+00	F.FAC -	1.15			24						20	
			EX. C -	448	400			333						267
		156+00	BASE -	337			21						16	
		CARRIED FORWARD												
		COLUMN FOOTINGS						1782		240		1441		1139

GRADES V.C.	GRADES % GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V.C.	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.	BASE AREA	BASE CU. YDS.
		BRIDPORT	MM 0.18	- MM	0.29									
		156+00					21					0		16
						100		78						
		157+00					21					2		16
						50		31				4		59
		+50					12					7		28
						50		22				6		14
		158+00					12					15		25
						50		22				10		13
		+50					12					40		27
						50		29				33		16
		159+00					12					109		30
				C -	359	50		27				85		16
		+50		F -	1097		10					171		29
				F.FAC -	1.15	50		20				100		15
		160+00		EX. F -	903		12					208		28
				BASE -	401	50		22				125		15
		+50					12					175		29
						50		20				64		16
		161+00					10					107		28
						50		22				52		14
		+50					14					81		27
						50		26				35		15
		162+00					14					66		29
						50		26				36		16
		+50					14					63		31
						50		28				32		17
		163+00					16					51		31
												23		17
		BRIDPORT	MM 0.29	- MM	0.49									
			ESTIMATED EARTHWORKS											
		163+00	C -	704			16					23		17
			F -	648	1000			704						630
		173+00	F.FAC -	1.15			22					12		17
			EX. F -	41										
			BASE -	630										
		BRIDPORT	MM 0.49	- MM	0.56									
		173+00					22					12		17
						50		37				22		30
		+50					18					12		15
						50		33				23		28
		174+00					18					13		15
						50		37				28		29
		+50					22					17		16
				C -	314	50		44				30		31
		175+00		F -	117		25					15		17
				F.FAC -	1.15	50		41				14		31
		+50		EX. C -	179		19					0		17
				BASE -	256	50		39						37
		176+00					23							23
						50		44						39
		+50					25							19
						50		39						31
		177+00					17							15
		BRIDPORT	MM 0.56	- MM	0.85									
		177+00		C -	861		17							15
				F -	0	1500		861						889
		192+00		F.FAC -	1.15		14							17
				EX. C -	861									
				BASE -	889									
		CARRIED FORWARD												
		COLUMN FOOTINGS						2238				1862		2176

PROJECT NAME SHOREHAM BRIDPORT ADDISON
PROJECT NUMBER F017-1(2)

SHEET 2 OF 10

SHEET 26 OF 420 SHEETS

SHEET 26 OF 477

EARTHWORKS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

GRADES V.C.	GRADES % GRADE	GRADES 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.	BASE AREA	BASE CU. YDS.
		BRIDPORT	MM	0.85	- MM	1.00								
		192+00					14						17	
						50		27						31
		+50					15						17	
						50		26						31
		193+00					13						16	
						50		29						29
		+50					18						15	
						50		37						29
		194+00					22						16	
						50		33						29
		+50					14						15	
						50		26						28
		195+00		C -	476		14						15	
				F -	36	50		27						27
		+50		F.FAC -	1.15		15				0		14	
				EX. C -	435	50		31				18		30
		196+00		BASE -	467		19				19		18	
						50		32				18		31
		+50					16				0		15	
						50		28						27
		197+00					14						14	
						50		27						27
		+50					15						15	
						50		27						26
		198+00					14						13	
						50		27						27
		+50					15						16	
						50		28						30
		199+00					15						16	
						50		34						32
		+50					22						19	
						50		37						33
		200+00					18						17	
		BRIDPORT	MM	1.00	- MM	1.55								
		ESTIMATED EARTHWORKS												
		200+00		C -	1962		18						17	
				F -	2	2900		1933						1826
		229+00		F.FAC -	1.15		18				0		17	
				EX. C -	1960	50		29				2		31
		229+50		BASE -	1857		13				2		16	
		BRIDPORT	MM	1.55	- MM	1.57								
		229+50					13				2		16	
						50		21				27		29
		230+00		C -	40		10				27		15	
				F -	78	25		10				21		13
		+25		F.FAC -	1.15		11				19		14	
				EX. F -	50	25		9				30		14
		230+50		BASE -	56		8				46		16	
		BRIDPORT	MM	1.57	- MM	2.53								
		ESTIMATED EARTHWORKS												
		230+50		C -	1973		8				46		16	
				F -	4895	4950		1925				4858		2750
		280+00		F.FAC -	1.15		13				7		14	
				EX. F -	3656	100		48				37		59
		281+00		BASE -	2809		13				13		18	
		CARRIED FORWARD												
		COLUMN FOOTINGS						4451				5011		5189

SHEET 3 OF 10

GRADES V.C.	GRADES % GRADE	GRADES 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.	BASE AREA	BASE CU. YDS.
		BRIDPORT	MM	2.53	- MM	2.64								
		281+00					13						18	
						50		23				39		33
		+50					12						18	
						50		22				86		41
		282+00					12						26	
						50		19				105		44
		+50					9						22	
						50		18				107		44
		283+00					10						25	
						50		20				125		48
		+50					12						27	
						48		20				138		49
		+98					10						28	
						2		1				6		2
		284+00					10						28	
						1		0				2		1
		+01		C -	248		8						28	
				F -	1295	4		1				3		3
		+05		F.FAC -	1.15		11						17	
				EX. F -	1241	11		4				0		7
		+16		BASE -	531		10						17	
						4		1				4		3
		+20					8						22	
						3		1				8		2
		+23					8						22	
						27		10				89		25
		+50					12						27	
						50		19				150		50
		285+00					9						27	
						50		19				128		49
		+50					11						26	
						50		22				129		50
		286+00					13						28	
						50		24				106		46
		+50					13						22	
						50		24				70		34
		287+00					13						15	
		BRIDPORT	MM	2.64	- MM	2.94								
		ESTIMATED EARTHWORKS												
		287+00		C -	1029		13						15	
				F -	649	100		48				104		56
		288+00		F.FAC -	1.15		13						15	
				EX. C -	283	1472		981				545		845
		302+72		BASE -	901		23					0		16
		STATION	302+72	=	154+50									
		BRIDPORT	MM	2.94	- MM	3.20								
		154+50					23						16	
						50		41						31
		155+00					21						17	
						50		39						31
		+50					21						16	
						50		44						29
		156+00					27						15	
						50		52						28
		+50					29				0		15	
						50		44				2		29
		157+00					18				2		16	
						50		29				5		28
		+50					13				3		14	
						50		30				6		27
		158+00					19				4		15	
						50		48				5		30
		158+50					33				1		17	
		CARRIED FORWARD						327				18		333
		COLUMN FOOTINGS						1604				1962		1665

GRADES V.C.	GRADES % GRADE	GRADES 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.	BASE AREA	BASE CU. YDS.
		158+50					33						1	
				C -	455	50		48						2
		159+00		F -	23		19						1	
				F.FAC -	1.15	50		30						2
		+50		EX. C -	429		22						1	
				BASE -	329	50		42						1
		160+00					23						0	
						50		39						0
		+50					19						0	
						50		37						0
		161+00					21						0	
						50		31						1
		+50					12						1	
						50		22						12
		162+00		C -	499		12						12	
				F -	62	50		47						12
		+50		F.FAC -	1.15		39						0	
				EX. C -	428	50		73						
		163+00		BASE -	432		40							15
						50		58						36
		+50					23							24
						50		43						42
		164+00					23							21
						50		31						35
		+50					10						0	17
						50		22						30
		165+00					14						5	15
						50		28						30
		+50					16						6	17
						50		26						36
		166+00					12						8	22
						50		42						36
		+50	310.50				33						2	17

EARTHWORKS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

GRADES V. C.	GRADES % GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V. C.	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.	BASE AREA	BASE CU. YDS.
		BRIDPORT	MM 3.85	- MM 4.34										
		201+00					17						16	
						50		33						30
		+50					19						16	
						50		34						29
		202+00					18						15	
						50		33						28
		+50					18						15	
						50		44						30
		203+00		C -	307		29						17	
				F -	2	50		47						31
		+50		F.FAC -	1.15		22						16	
				EX. C -	305	50		44						32
		204+00		BASE -	244		26						19	
						50		41						32
		+50					18				0		16	
						50		31				2		32
		205+00					16				2		19	
						55		35				2		37
		+55					18				0		17	
						45		37				3		30
		206+00					26				3		19	
						50		54				4		35
		+50					32				1		19	
						50		60				6		35
		207+00		C -	554		33				6		19	
				F -	56	50		56				10		32
		+50		F.FAC -	1.15		27				5		16	
				EX. C -	490	50		56				6		31
		208+00		BASE -	321		34				2		18	
						50		58				6		31
		+50					29				5		15	
						50		60				6		28
		209+00					36				1		15	
						50		70				5		31
		+50					40				4		18	
						50		68				8		31
		210+00					33				5		15	
						50		66				6		28
		+50					38				2		15	
						50		81				6		29
		211+00					50				5		16	
						50		103				10		30
		+50					61				6		16	
						50		109				7		29
		212+00					57				2		15	
						50		75				5		28
		+50		C -	655		24				3		15	
				F -	46	50		47				3		30
		213+00		F.FAC -	1.15		27				0		17	
				EX. C -	602	50		63				3		31
		+50		BASE -	289		41				3		16	
						50		58				3		29
		214+00					22				0		15	
						50		32						28
		+50					13				0		15	
						50		21				3		27
		215+00					10				3		14	
						50		22				5		28
		+50					14				2		16	
						50		30				2		31
		216+00					18				0		17	
						50		32				1		33
		+50					17				1		19	
						50		28				1		30
		217+00					13				0		13	
		CARRIED FORWARD						112				9		122
		COLUMN FOOTINGS						1628				113		976

GRADES V. C.	GRADES % GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V. C.	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.	BASE AREA	BASE CU. YDS.
		217+00					13							13
				C -	240	50		24						24
		+50		F -	192		13							13
				F.FAC -	1.15	50		23						25
		218+00		EX C. -	19		12							14
				BASE -	270	50		22						25
		+50					12					0		13
						50		20				17		24
		219+00					10					18		13
						50		19				89		25
		+50					10					78		14
						50		20				77		25
		220+00					12					5		13
						50		24				6		24
		+50					14					1		13
						50		28				1		23
		221+00					16					0		12
				C -	204	50		31				1		25
		+50		F -	9		18					1		15
				F.FAC -	1.15	50		33				1		30
		222+00		EX. C -	194		18					0		17
				BASE -	191	50		33						31
		+50					18							16
						50		27						28
		223+00					11							14
						50		28						30
		+50					19							18
		EQ 223+50 = 21+52.5												
		21+52.5					19							18
						47.5		37						31
		22+00					23							17
						50		57						31
		+50					39							17
						50		57						31
		23+00					23							16
						50		56						31
		+50		C -	636		37							18
				F -	54	50		71						32
		24+00		F.FAC -	1.15		40							17
				EX. C -	574	50		77						31
		+50		BASE -	384		43							16
						50		86						33
		25+00					50					0		20
						50		63				9		37
		+50					18					10		20
						50		39				16		43
		26+00					24					7		26
						50		49				12		46
		+50					29					6		24
						50		44				17		38
		27+00					19					12		17
		BRIDPORT	MM 4.34	- MM 4.55										
			ESTIMATED EARTHWORKS											
		27+00 = 228+97.5												
				C -	811									
		228+97.5		F -	256		19					12		17
				F.FAC -	1.15	1152.5		811				256		747
		240+50		EX. C -	517		19					0		18
				B -	747									
		CARRIED FORWARD						1779				502		1470
		COLUMN FOOTINGS												

GRADES V. C.	GRADES % GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V. C.	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.	BASE AREA	BASE CU. YDS.
		240+50					19							18
						50		32						35
		241+00					16							20
						50		31						36
		+50					17							19
						50		37						39
		242+50					23							23
						50		39						40
		+50					19					0		20
				C -	282	50		33						37
		243+00		F -	517		17					31		20
				F.FAC -	1.15	50		31						35
		+50		EX. F -	313		17					21		18
				BASE -	321	50		29						33
		244+00					14					91		18
						50		26						34
		+50					14					71		19
						50		24						32
		245+00					12					130		16
						50		22						31
		+50					12					73		17
						50		22						31
		246+00					12					99		17
						50		23						31
		+50					13					83		17
						50		26						33
		247+00		C -	328		15					11		19
				F -	652	50		33						36
		+50		F.FAC -	1.15		21					7		20
				EX. F -	422	50		44						42
		248+00		BASE -	356		26					7		25
						50		44						44
		+50					22					0		22
						50		39				1		38
		249+00					20					1		19
						50		37				6		35
		+50					20					5		19
						50		38				6		35
		250+00					21					1		19
		BRIDPORT	MM 4.73	- MM 4.88										
			ESTIMATED EARTHWORKS											
				C -	593									
		250+00		F -	15		21					1		19
				F.FAC -	1.15	800		593				15		533
		258+00		EX. C -	576		19					0		17
				BASE -	533									
		BRIDPORT	MM 4.88	- MM 4.96										
		258+00					19					0		17
						50		34				1		32
		+50					18					1		18
						50		33				25		33
		259+00					18					26		18
						50		30				48		31
		+50		C -	272		14					26		16
				F -	431	50		28				88		30
		260+00		F.FAC -	1.15		16					69		16
				EX. F -	224	50		31				70		30
		+50		BASE -	248		18					7		16
						50		31				102		30
		261+00					16					103		16
						50		40				96		31
		+50					27					1		17
						50		45				1		31
		262+00					22					0		17
		CARRIED FORWARD						1475				1615		1458
		COLUMN FOOTINGS												

PROJECT NAME SHOREHAM BRIDPORT ADDISON
PROJECT NUMBER F017-1(2)

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.	BASE: AREA	BASE: CU. YDS.
		BRIDPORT	MM 4.96	- MM 5.38										
		ESTIMATED EARTHWORKS												
		262+00					22						17	
				C -	2396	2550		2078						1606
		287+50		F -	0		22						17	
				F. FAC -	1.15	100		87						69
		288+50		EX. C -	2396		25						20	
				BASE -	1860	250		231						185
		291+00					25						20	
		BRIDPORT	MM 5.38	- MM	6.10									
		291+00					25				0		20	
						50		40				1		31
		+50					18				1		14	
						50		35				1		29
		292+00					20				0		17	
						50		42						35
		+50					25						21	
						50		44						33
		293+00		C -	329		22						15	
				F -	9	50		42						31
		+50		F. FAC -	1.15		23						19	
				EX. C -	319	50		45						35
		294+00		BASE -	258		26				0		19	
						50		45				1		33
		+50					23				1		17	
						50		36				6		31
		295+00					16				6		17	
						50		32				6		30
		+50					19				0		15	
						50		31				6		30
		296+00					15				7		17	
						50		32				15		32
		+50					20				9		18	
						50		36				17		32
		297+00					19				9		17	
						50		35				8		31
		+50		C -	354		19				0		16	
				F -	52	50		36						31
		298+00		F. FAC -	1.15		20						17	
				EX. C -	294	50		41						32
		+50		BASE -	311		24						18	
						50		37						31
		299+00					16						15	
						50		35						31
		+50					22						18	
						50		39						31
		300+00					20						16	
		CARRIED FORWARD						3079				61		2429
		COLUMN FOOTINGS												

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.	BASE: AREA	BASE: CU. YDS.
		300+00					20						16	
						50		36						30
		+50					19						16	
						50		46						31
		301+00					31						18	
						50		59						33
		+50					33						18	
						50		57						34
		302+00					29				0		19	
						50		44				5		35
		+50		C -	459		18				5		19	
				F -	62	50		41				5		32
		303+00		F. FAC -	1.15		26				0		16	
				EX. C -	388	50		54				5		31
		+50		BASE -	342		32				5		18	
						50		49				5		34
		304+00					21				0		19	
						50		40				15		40
		+50					22				16		24	
						50		33				27		42
		305+00					14				13		21	
						50		29				65		39
		+50					17				57		21	
						50		25				106		37
		306+00					10				58		19	
						50		19				152		35
		+50					11				106		19	
						50		22				176		36
		307+00		C -	424		13				84		20	
				F -	1434	50		24				246		37
		+50		F. FAC -	1.15		13				182		20	
				EX. F -	1225	50		15				269		38
		308+00		BASE -	411		8				108		21	
						50		42				178		39
		+50					37				84		21	
						50		73				140		39
		309+00	BACK				42				67		21	
		309+00	AHEAD				49				67		28	
						50		91				102		56
		+50	BACK				49				43		33	
		+50	AHEAD				41				0		26	
						50		84						55
		310+00					50						33	
						50		154						91
		+50					117						65	
						50		225						121
		311+00					126						66	
						50		227						121
		+50					119						65	
						50		217						121
		312+00					115						66	
						50		216						125
		+50		C -	1368		118				0		69	
				F -	8	50		140				3		96
		313+00		F. FAC -	1.15		33				3		35	
				EX. C -	1359	50		65				3		61
		+50	BACK	BASE -	843		37				0		31	
		+50	AHEAD				30				0		23	
						50		55				0		44
		314+00	BACK				29				0		24	
		314+00	AHEAD				22				0		17	
						50		35				1		31
		+50					16				1		17	
						50		34				1		32
		315+00					21				0		18	
		CARRIED FORWARD						2251				1504		1596
		COLUMN FOOTINGS												

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.	BASE: AREA	BASE: CU. YDS.
		315+00					21						0	18
						50		38						33
		+50					20						5	18
						50		31						32
		316+00					14						1	17
						50		32						33
		+50					21						1	19
		EQ 316+77.25=316+71.15 (+6.1)				56.1		44						37
		317+00					21						1	17
						50		32						29
		+50					14						4	14
				C -	328	50		25						25
		318+00		F -	750		13						14	13
				F. FAC -	1.15	50		30						27
		+50		EX. F -	535		19						152	16
				BASE -	303	50		31						29
		319+00					15						157	15
						50		30						29
		+50					17						42	16
						50		35						29
		320+00					21						54	15
						50		37						31
		+50		C -	148		19						0	19
				F -	50	50		36						36
		321+00		F. FAC -	1.15		20							20
				EX. C -	91	50		36						35
		+50		BASE -	136		19							18
						50		39						34
		322+00					23							19
		BRIDPORT	MM 6.10	- MM	6.30									
		ESTIMATED EARTHWORKS												
				C -	957									
		322+00		F -	0		23							19
				F. FAC -	1.15	1100		957						835
		333+00		EX. C -	957		24							22
				BASE -	835									
		BRIDPORT	TOWN LINE MM		6.30									
		ADDISON	TOWN LINE MM		0.00									
		ADDISON	MM 0.00	- MM	0.32									
		333+00					24							22
				C -	392	50		38						38
		+50		F -	0		17							19
				F. FAC -	1.15	50		64						33
		334+00		EX. C -	392		52							17
				BASE -	133	50		134						31
		+50					93							16
						50		156						31
		335+00					75							17
		CARRIED FORWARD						1825				800		1407
		COLUMN FOOTINGS												

PROJECT NAME SHOREHAM BRIDPORT ADDISON
PROJECT NUMBER F017-1(2)

EARTHWORKS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

V.C.	% GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V.C.	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.	BASE AREA	BASE CU. YDS.
		ADDISON												
		335+00					75						17	
						50		106						31
		+50					40				0		17	
						50		67				4		33
		336+00					32				4		19	
						50		54				4		36
		+50					26				0		20	
		EQ. 336+95.1=336+99.4 (-4.3')				45.7		47						31
		337+00					29						17	
						50		44						31
		+50					18						16	
			C -		535	50		32						31
		338+00	F -		8		17						18	
			F.FAC -		1.15	50		37						31
		+50	EX. C -		526		23						15	
			BASE -		315	50		55						30
		339+00					36						17	
						50		56						31
		+50					24						16	
						50		37						30
		340+00					16				0		16	
						50		31				4		30
		+50					18				4		16	
						50		33				9		29
		341+00					18				6		15	
						50		42				22		28
		+50					27				18		15	
						50		48				17		33
		342+00					25				0		21	
						50		41				0		36
		+50	C -		285		19				0		18	
			F -		620	50		23				72		35
		343+00	F.FAC -		1.15		6				78		20	
			EX. F -		428	50		16				87		34
		+50	BASE -		324		11				16		17	
						50		17				63		31
		344+00					7				52		17	
						50		16				147		34
		+50					10				107		20	
						50		18				199		34
		345+00					9				108		17	
						50		22				169		33
		+50					15				74		19	
						50		25				187		34
		346+00					12				128		18	
						50		25				266		34
		+50					15				159		19	
						50		27				229		35
		347+00					14				88		19	
						50		30				176		35
		+50	C -		319		18				102		19	
			F -		1192	50		38				125		34
		348+00	F.FAC -		1.15		23				33		18	
			EX. F -		1052	50		40				35		34
		+50	BASE -		332		20				5		19	
						50		37				5		32
		349+00					20				0		16	
						50		36						30
		+50					19						16	
						50		39						31
		350+00					23						18	
		CARRIED FORWARD												
		COLUMN FOOTINGS						1139				1820		971

V.C.	% GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V.C.	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.	BASE AREA	BASE CU. YDS.
		ADDISON	MM	0.32 - MM	0.47									
			ESTIMATED EARTHWORKS											
				C -	563									
		350+00		F -	0		23						18	
				F.FAC -	1.15	800		563						489
		358+00		EX. C -	563		15						15	
				BASE -	489									
		ADDISON	MM	0.47 - MM	0.56									
		358+00					15						15	
						50		50						28
		+50					39						15	
						50		61						26
		359+00					27						13	
						50		41						25
		+50					17						14	
						50		26						26
		360+00					11						14	
						50		24						26
		+50		C -	348		15						14	
				F -	947	50		31						25
		361+00		F.FAC -	1.15		19						13	
				EX. F -	741	50		31						26
		+50		BASE -	272		14						15	
						50		25						29
		362+00					13						16	
						50		27						30
		+50					16						16	
						50		32						31
		363+00					19						17	
		ADDISON	MM	0.56 - MM	0.71									
			ESTIMATED EARTHWORKS											
				C -	785									
		363+00		F -	15		19						17	
				F.FAC -	1.15	800		785						504
		371+00		EX. C -	768		34						17	
				BASE -	504									
		ADDISON	MM	0.71 - MM	0.94									
		371+00					34						17	
						50		52						33
		+50					22						19	
						50		37						35
		372+00					18						19	
						50		30						35
		+50		C -	258		14						19	
				F -	486	50		28						34
		373+00		F.FAC -	1.15		16						18	
				EX. F -	301	50		30						33
		+50		BASE -	276		16						18	
						50		29						34
		374+00					15						19	
						50		25						35
		+50					12						19	
						50		27						37
		375+00					17						22	
		CARRIED FORWARD												
		COLUMN FOOTINGS						1954				1448		1541

V.C.	% GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V.C.	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.	BASE AREA	BASE CU. YDS.
		375+00					17				22		21	
						50		37				25		46
		+50					23				5		29	
						50		81				6		55
		376+00					64				1		30	
						50		137				1		44
		+50					84				0		17	
						50		170						30
		377+00		C -	1547		100						15	
				F -	33	50		199						29
		+50		F.FAC -	1.15		115						16	
				EX. C -	1509	50		222						30
		378+00		BASE -	350		125						16	
						50		227						29
		+50					120						15	
						50		203						28
		379+00					99						15	
						50		167						29
		+50					81						16	
						50		104				1		30
		380+00					31					1	16	
						50		47				1		30
		+50					20					0	16	
						50		33				0		27
		381+00					16					0	13	
						50		29				1		26
		+50		C -	200		15					1	15	
				F -	18	50		28				3		27
		382+00		F.FAC -	1.15		15					2	14	
				EX. C -	179	50		31				7		27
		+50		BASE -	166		19					6	15	
						50		32				6		29
		383+00					16					0	16	
		ADDISON	MM	0.94 - MM	0.98									
			ESTIMATED EARTHWORKS											
				C -	104									
		383+00		F -	0		16						16	
				F.FAC -	1.15	200		104						115
		385+00		EX. C -	104		12						15	
				BASE -	115									
		ADDISON	MM	0.98 - MM	1.10									
		385+00					12					0	15	
				C -	164	50		66				21		36
		+50		F -	42		59					23	24	
				F.FAC -	1.15	50		69				21		36
		386+00		EX. C -	116		15					0	15	
				BASE -	100	50		29						28
		+50					16						15	
		ADDISON	MM	1.01 - MM	3.08									
			ESTIMATED EARTHWORKS											
		386+50		C -	6494		16						15	
				F -	0	10700		6341						5944
		493+50		F.FAC -	1.15		16						15	
				EX. C -	6494	250		153						190
		496+00		BASE -	6134		17						26	
		CARRIED FORWARD												
		COLUMN FOOTINGS						8509				93		6865

PROJECT NAME SHOREHAM BRIDPORT ADDISON
PROJECT NUMBER F017-1(2)

SHEET 30 OF 420 SHEETS

SHEET 6 OF 10

SHEET 30 OF 477

EARTHWORKS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

GRADES V. C.	% GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V. C.	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.	BASE AREA	BASE CU. YDS.
		ADDISON	MM	3.08 - MM		3.10								
		496+00					17						26	
						26		16						25
		+26	BACK				17						26	
		+26	AHEAD				45						62	
				C -	147	13		27						30
		+39		F -	5		67						62	
				F. FAC -	1.15	22		55						51
		+61		EX. C -	141		67						62	
				BASE -	161	13		27						30
		+74	BACK				45						62	
		+74	AHEAD				23				2		26	
						26		22				5		25
		497+00					23				5		26	
		ADDISON	MM	3.10 - MM		3.21								
			ESTIMATED EARTHWORKS											
		497+00		C -	453		23				5		26	
				F -	45	250		194				32		199
		499+50		F. FAC -	1.15		19				2		17	
				EX. C -	401	350		259				13		233
		503+00		BASE -	432		21				0		19	
		ADDISON	MM	3.21 - MM		3.31								
		503+00					21				0		19	
						50		42				2		33
		+50					24				2		17	
						50		48				4		32
		504+00					28				2		18	
						50		62				4		33
		+50					39				2		18	
						50		81				2		31
		505+00		C -	614		48				0		15	
				F -	71	50		99				3		30
		+50		F. FAC -	1.15		59				3		17	
				EX. C -	532	50		94				11		31
		506+00		BASE -	313		43				9		17	
						50		67				15		31
		+50					29				7		16	
						50		52				12		30
		507+00					27				6		16	
						50		41				9		31
		+50					17				4		17	
						50		28				9		31
		508+00					13				6		16	
		ADDISON	MM	3.31 - MM		4.11+4								
			ESTIMATED EARTHWORKS											
		508+00		C -	1974		13				6		16	
				F -	6	50		24				6		30
		+50		F. FAC -	1.15		13				0		16	
				EX. C -	1967	4050		1950						2400
		549+00		BASE -	2430		13						16	
		END SHOREHAM - BRIDPORT - ADDISON F017 - 1(2)												
		SHOREHAM-BRIDPORT-ADDISON F017-1(2)												
		TOTAL FOR MAINLINE EARTHWORKS					47184		1351		23308		41127	
		CARRIED FORWARD												
		COLUMN FOOTINGS					3188				127		3336	

GRADES V. C.	% GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V. C.	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.	BASE AREA	BASE CU. YDS.
		SHOREHAM - ADDISON F017-1(2)												
		FIELD ESTIMATES												

		ADDISON	415+75 - 416+00											
		REMOVE LEDGE OUTCROPPING						2		2			C - 4	
													R - 4	
		ADDISON	417+08										F - 8	
		CONSTRUCT BERM										8	F. FAC - 1.15	
													EX. F - 3	
		ADDISON	420+15 - 420+35											
		REMOVE LEDGE OUTCROPPING						2		2				
		DRIVES AND APPROACHES (DESIGNED)							C - 1028					
		FROM SUMMARY						1028	F - 545			545		1588
									F. FAC - 1.15					
									EX. C - 401					
									BASE - 1588					
		COMMON EXCAVATION FROM							C - 0					
		DRAINAGE SHEET							F - 0					
									F. FAC - 1.15					
									EX. C - 0					
									BASE - 0					
		TEMPORARY DETOURS												

		SHOREHAM	8+80 RT - 13+30 RT					1192	C - 3844			609		415
									F - 2461					
		SHOREHAM	140+55 RT - 145+11 RT					2008	F. FAC - 1.15			1559		393
									EX. C - 1014					
		BRIDPORT	317+75 RT - 322+25 RT					644	BASE - 1159			293		351
		TURNOUTS FOR MAILBOX												

		SHOREHAM	94+90 LT - 95+40 LT					0				17		19
		BRIDPORT	199+80 LT - 200+30 LT					5	C - 5			0		5
									F - 58					
		BRIDPORT	248+69 LT - 249+04 LT					0	F. FAC - 1.15			7		8
									EX. F - 62					
		ADDISON	375+70 LT - 376+05 LT					0	BASE - 46			0		0
		ADDISON	517+25 LT - 517+75 LT					0				17		7
		ADDISON	523+00 LT - 523+50 LT					0				17		7
		ESTIMATED OTHER SUBBASE REPAIR AREAS						2012	C - 2012					815
									F - 0					
									F. FAC - 1.15					
									EX. C - 2012					
									BASE - 815					
		BRIDPORT	MM 1.31 - MM	1.35				161	C - 161					
		216+75 - 219+25	LT						F - 0					
									F. FAC - 1.15					
									EX. C - 161					
									BASE - 0					
		CARRIED FORWARD												
		COLUMN FOOTINGS						7054		4		3072		3608

GRADES V. C.	% GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V. C.	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.	BASE AREA	BASE CU. YDS.
		CATTLE PASS @ BRIDPORT	320+02					79	C - 79			0		54
									F - 0					
									F. FAC - 1.15					
									EX. C - 79					
									BASE - 54					
		CARRIED FORWARD												
		COLUMN FOOTINGS						79				0		54

PROJECT NAME SHOREHAM BRIDPORT ADDISON
PROJECT NUMBER F017-1(2)

EARTHWORKS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

V.C.	% GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V.C.	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.	BASE AREA	BASE CU. YDS.
		BRIDPORT	HES F017-1(2)	MM 3.20	-	MM 3.85								
		166+50	310.50				41				2		17	
		+90	310.62	310.62	0.0	50		83				2		33
		167+00	310.65	310.66	+0.01		49	BUTT			0		19	BUTT
		167+00	310.65	310.66	+0.01		57	BUTT	HES		0		27	BUTT
		+09	310.68	310.70	+0.02	50		91	C - 792			1		53
									F - 15					
		+50	310.80	311.00	+0.20		41		F.FAC -1.15		1		30	
									EX. C - 775					
		+87	310.91	311.43	+0.52	50		126	BASE - 674			1		95
		168+00	310.95	311.61	+0.66		95				0		73	
		+15	311.00	311.86	+0.86	50		141				2		130
		+50	311.10	312.50	+1.40		57				2		67	
		+65	311.13	312.81	+1.68									
		+81	311.19	313.19	+2.00	50		102				3		125
		+97	311.24	313.59	+2.35									
		169+00	311.25	313.67	+2.42		53				1		68	
						50		102				3		122
		+50	313.70	315.10	+1.40		57				2		64	
						50		147				3		116
		170+00	316.15	316.81	+0.66		102				1		61	
							CARRIED FORWARD							
							COLUMN FOOTINGS	792				15		674

V.C.	% GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V.C.	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.	BASE AREA	BASE CU. YDS.
		170+00	316.15	316.81	+0.66		102				1		61	
		+27	317.47	317.85	+0.38	50		232				1		116
		+50	318.60	318.80	+0.20		149				0		64	
						50		281						119
		171+00	321.05	321.06	+0.01		155						64	
		+10	321.54	321.54	0.0									
						50		273						119
		+46	323.30											
		+50	323.50	323.50	0.0		140						64	
		+82	325.07	325.03	-0.04	50		233						112
		172+00	325.95	325.85	-0.10		112						57	
						50		224						106
		+50	328.40	328.00	-0.40		130						57	
		+59	328.84	328.37	-0.47	50		269						106
		173+00	330.85	329.96	-0.89		161		HES				57	
		+16	331.63	330.54	-1.09				C - 2403					
									F - 1					
		+39	332.76	331.35	-1.41	50		259	F.FAC -1.15					106
									EX. C -2402					
		+45	333.06	331.56	-1.50				BASE -1132					
		+50	333.30	331.72	-1.58		119						57	
		+76	334.57	332.55	-2.02	50		222						113
		174+00	335.75	333.28	-2.47		121						65	
						50		224						120
		+50	338.20	334.64	-3.56		121						65	
						50		186						115
		175+00	338.28	335.81	-2.47		80						59	
		+29	338.32	336.39	-1.93	50		173						107
		+50	338.35	336.77	-1.58		107				0		57	
		+57	338.36	336.89	-1.47									
						50		171				4		114
		+60.6	338.38	337.06	-1.32									
		176+00	338.43	337.54	-0.89		78				4		66	
		+08	338.44	337.64	-0.80	50		126	HES			11		110
		+50	338.50	338.10	-0.40		58		C - 1944		8		53	
						50		119	F - 23			7		99
		177+00	338.58	338.48	-0.10		71		F.FAC -1.15		0		54	
						50		150	EX. C -1918					102
		+50	338.65	338.65	0.0		91		BASE -1030				56	
						50		188						103
		178+00	338.73				112						55	
						50		245						96
		+50	338.80				153						49	
						50		298						91
		179+00	338.88				169						49	
						50		272						100
		+50	338.95				125				0		59	
		+95	339.02			50		202				1		108
		180+00	339.03				93				1		58	
							CARRIED FORWARD							
							COLUMN FOOTINGS	4347				24		2162

V.C.	% GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V.C.	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.	BASE AREA	BASE CU. YDS.
		180+00	339.03				93					1		58
		+44	339.09			50		179						112
		+50	339.10				100					1		63
						50		172				7		116
		181+00	339.18				86					7		62
		+42	339.24			50		148						114
		+50	339.25				74					6		61
						50		144				11		112
		182+00	339.33	339.33	0.0		81					6		60
						50		188	HES					119
		+50	339.40	339.49	+0.09		122		C - 1913			6		69
						50		272	F - 55			6		125
		183+00	339.85	339.85	0.0		172		F.FAC -1.15		0		66	
						50		233	EX. C -1850					66
		+50	340.30				80		BASE - 931					5
						50		160						25
		184+00	340.75	BACK			93							22
		184+00	340.75	AHEAD			84							14
						50		168						31
		+50	341.20	BACK			97							19
		+50	341.20	AHEAD			80					0		19
						50		95				1		31
		185+00					23					1		14
						50		51				2		27
		+50					32					1		15
						50		56				2		27
		186+00					29					1		14
						50		47				1		26
		+50					22					0		14
		BRIDPORT	MM 3.54	- MM 3.75										
			ESTIMATED EARTHWORKS											
									HES					
		186+50					22		C - 774					14
						1100		774	F - 0					550
		197+50					16		F.FAC -1.15					13
									EX. C - 774					
									BASE - 550					
		BRIDPORT	MM 3.75	- MM 4.34										
		197+50					16							13
						50		31						28
		198+00					18							17
						50		31						28
		+50					15							13
						50		22	HES					20
		199+00					9					0		9
						50		31	C - 216			1		18
		+50					25		F - 2		1			10
						50		39	F.FAC -1.15			1		24
		200+00					17		EX. C - 214		0			16
						50		31	BASE - 174					28
		+50					17							14
						50		31						28
		201+00					17							16
		TOTAL FOR BRIDPORT HES F017-1(2)												
		MAINLINE EARTHWORKS						8042				96		4491
							CARRIED FORWARD							
							COLUMN FOOTINGS	2903				57		1655

PROJECT NAME SHOREHAM BRIDPORT ADDISON
PROJECT NUMBER F017-1(2)

EARTHWORKS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

GRADES V.C.	GRADES % GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V.C.	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.	BASE AREA	BASE CU. YDS.
		BRIDPORT	VT 125	(EAST)	HES F017-1(2)									
		277+65	336.62	336.62	0.00									
		277+75	336.00	336.17	+0.17		296	BUTT					171	BUTT
									H E S					
		+77	335.87	336.12	+0.25									
						25		203						115
		+89	336.11	336.11	0.00				C - 459					
									F - 0					
		278+00	336.32	336.32	0.00		143		F.FAC 1.15				78	
						25		116	EX. C 459					62
		+25	336.81	336.79	-0.02		108		BASE 271				56	
						25		80						49
		+50	337.30	337.23	-0.07		65						49	
						50		60						45
		279+00	338.00	338.00	0.00		0						0	
		BRIDPORT	VT (WEST)	HES	F017-1(2)									
		272+00	282.00				0				0		0	
						50		197				15		51
		+50	286.58				213				16		55	
						50		443				25		105
		273+00	291.15				265				11		58	
		+22	293.16											
						50		435				11		107
		+24	293.55											
		+50	295.73				205				1		58	
						50		259				1		108
		274+00	304.30				75				0		59	
						50		141				1		107
		+50	304.88				77		HES		1		57	
		+60	305.79			50		136	C - 2278			19		106
									F - 243					
		275+00	309.45	309.45	0.00		70		F.FAC 1.15		19		57	
									EX. C 1999					
		+32	312.38	312.22	-0.16	50		203	BASE 1146			38		107
		REV +32	312.38	312.22	-0.16									
		+50	314.03	313.64	-0.39		149				22		59	
		+50.03	314.03	313.64	-0.39	50		178				53		108
		REV276+00	318.60	317.04	-1.56		43				35		58	
		+00.38	318.61	317.06	-1.55	50		88				44		107
		+50	320.06	319.67	-0.39		52				13		58	
		+50.05	320.06	319.67	-0.39	25		30				14		52
		+75	320.78	320.68	-0.10		13				18		54	
		+75.48	320.79	320.70	-0.09	25		27				15		58
		REV277+00	321.51	321.51	0.00		46				15		71	
		+0.03	321.54			25		102				7		99
		+25	322.24				175				0		143	
		+25.61	322.18			4		39						31
		+29					353	BUTT					281	BUTT
			CARRIED FORWARD											
		SHEET 9 OF 10	COLUMN FOOTINGS					2737				243		1417

GRADES V.C.	GRADES % GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V.C.	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.	BASE AREA	BASE CU. YDS.
		BRIDPORT	HES F017 - 1(2)											
		FROM DRAINAGE		C - 51				51				0		0
		SHEETS		F - 0										
				F.FAC - 1.15										
				EX. C - 51										
				BASE - 0										
		DRIVES AND		C - 182				182				134		447
		APPROACHES		F - 134										
		(DESIGNED)		F.FAC - 1.15										
				EX. C - 28										
				BASE - 447										
			CARRIED FORWARD											
			COLUMN FOOTINGS					233				134		447

SUMMARY AND BALANCES STATION TO STATION		TOTAL EXCAV EARTH & ROCK	ROCK EXCAV CUBIC YARDS	EMBANKMENT CUBIC YARDS	ACCUMULATIVE EXCESSES CUT	ACCUMULATIVE EXCESSES FILL	BASE CUT	BASE FILL	BASE	
BRIDPORT	HES F017 - 1(2)									
166+50	170+00	792	0	15	775		775		674	
170+00	175+00	2403	0	1	2402		3177		1132	
175)00	180+00	1944	0	23	1918		5095		1030	
180+00	186+50	1913	0	55	1850		6945		931	
186+50	197+50	774	0	0	774		7719		550	EST. QUT.
197+50	201+00	216	0	2	214		7933		174	
VT 125	(EAST)	459	0	0	459		8392		271	
VT 125	(WEST)	2278	0	243	1999		10391		1146	
FROM DRAINAGE SHEETS		51	0	0	51		10442		0	
DRIVES APPROACHES	AND	182	0	134	28		10470		447	
TOTALS		11012	0	473	10468		10470		6355	

SUMMARY BY COLUMNS SHEET NO.	COL. NO.	EXCAVATION TOTAL CY	EXCAVATION ROCK CY	EMBANKMENT CY	BASE C Y
8	1	792	0	15	674
8	2	4347	0	24	2162
8	3	2903	0	57	1655
9	1	2737	0	243	1417
9	2	233	0	134	447
9	3	0	0	0	0
TOTAL		11012	0	473	6355

REMARKS

EARTH AND ROCK EXCAVATION
SOLID ROCK EXCAVATION
EARTH EXCAVATION

PLANIMETERED FILL
LESS FACTORED SOLID ROCK
LESS DISPLACEMENT OF ANY LARGE STRUCTURES
NET PLANIMETERED FILL
FACTOR
PLANIMETERED FILL INCLUDING FACTOR

MATERIALS AVAILABLE FOR FILLS
EARTH EXCAVATION
CHANNEL EXCAVATION
UNDERDRAIN EXCAVATION
STRUCTURE EXCAVATION

TOTAL MATERIAL AVAILABLE FOR FILL

TOTAL FILL INCLUDING FACTOR
TOTAL MATERIAL FOR FILL
BORROW
EXCESS EXCAVATION

PROJECT NAME BRIDPORT
PROJECT NUMBER HES F017-1(2)

SHEET 33 OF 420 SHEETS

SHEET 33 OF 477

EARTHWORKS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY AND BALANCES

STATION TO STATION		TOTAL EXCAV EARTH & ROCK	ROCK EXCAV CUBIC YARDS	EMBANKMENT CUBIC YARDS	EXCESSES CUT	EXCESSES FILL	ACCUMULATIVE EXCESSES CUT	ACCUMULATIVE EXCESSES FILL	BASE CY	
SHOREHAM										
- 2+90	7+00	990	0	0	990		990		550	EST. QUT.
7+00	14+50	438	0	868		560	430		408	
14+50	27+00	689	0	7	681		1111		602	EST. QUT.
27+00	31+00	190	0	641		547	564		211	
31+00	40+00	309	0	27	278		842		468	EST. QUT.
40+00	42+00	423	0	495		146	696		114	
42+00	44+00	81	0	14	65		761		90	EST. QUT.
44+00	51+00	1225	648	431	1050		1811		376	
51+00	57+50	353	0	6	346		2157		271	EST. QUT.
57+50	60+50	175	0	603		518	1639		169	
60+50	72+00	434	0	511		154	1485		683	EST. QUT.
72+00	74+50	676	463	191	686		2171		158	
74+50	100+00	1169	0	43	1120		3291		1709	EST. QUT.
100+00	105+00	377	0	316	14		3305		498	
105+00	136+00	1881	0	33	1843		5148		1837	EST. QUT.
136+00	140+00	245	0	696		555	4593		237	
140+00	147+00	645	0	1321		874	3719		546	EST. QUT.
BRIDPORT										
147+00	151+00	689	240	120	670		4389		256	
151+00	156+00	448	0	0	448		4837		337	EST. QUT.
156+00	163+00	359	0	1097		903	3934		401	
163+00	173+00	704	0	648		41	3893		630	EST. QUT.
173+00	177+00	314	0	117	179		4072		256	
177+00	192+00	861	0	0	861		4933		889	EST. QUT.
192+00	200+00	476	0	36	435		5368		467	
200+00	229+50	1962	0	2	1960		7328		1857	EST. QUT.
229+50	230+50	40	0	78		50	7278		56	
230+50	281+00	1973	0	4895		3656	3622		2809	EST. QUT.
281+00	287+00	248	0	1295		1241	2381		531	
287+00	302+72	1029	0	649	283		2664		901	EST. QUT.
154+50	160+00	455	0	23	429		3093		329	
160+00	166+50	499	0	62	428		3521		432	
166+50	201+00		BRIDPORT	HES	F017 -	1(2)				
			SEE	PAGES	8 & 9	OF 10				
SHEET	10 OF	10								
CARRIED FORWARD		20357	1351	15225			3521		19078	
COLUMN FOOTINGS		20357	1351	15225			3521		19078	

SUMMARY AND BALANCES

STATION TO STATION		TOTAL EXCAV EARTH & ROCK	ROCK EXCAV CUBIC YARDS	EMBANKMENT CUBIC YARDS	EXCESSES CUT	EXCESSES FILL	ACCUMULATIVE EXCESSES CUT	ACCUMULATIVE EXCESSES FILL	BASE CY	
201+00	205+00	307	0	2	305		3826		244	
205+00	210+00	554	0	56	490		4316		321	
210+00	215+00	655	0	46	602		4918		289	
215+00	220+00	240	0	192	19		4937		270	
220+00	223+50	204	0	9	194		5131		191	
21+52.5	27+00	636	0	54	574		5705		384	
228+97.5	240+50	811	0	256	517		6222		747	EST. QUT.
240+50	245+00	282	0	517		321	5909		321	
245+00	250+00	328	0	652		422	5487		356	
250+00	258+00	593	0	15	576		6063		533	EST. QUT.
258+00	262+00	272	0	431		224	5839		248	
262+00	291+00	2396	0	0	2396		8235		1860	EST. QUT.
291+00	295+00	329	0	9	319		8554		258	
295+00	300+00	354	0	52	294		8848		311	
300+00	305+00	459	0	62	388		9236		342	
305+00	310+00	424	0	1434		1225	8011		411	
310+00	315+00	1368	0	8	1359		9370		843	
315+00	320+00	328	0	750		535	8835		303	
320+00	322+00	148	0	50	91		8926		136	
322+00	333+00	957	0	0	957		9883		835	EST. QUT.
ADDISON										
333+00	335+00	392	0	0	392		10275		133	
335+00	340+00	535	0	8	526		10801		315	
340+00	345+00	285	0	620		428	10373		324	
345+00	350+00	319	0	1192		1052	9321		332	
350+00	358+00	563	0	0	563		9884		489	EST. QUT.
358+00	363+00	348	0	947		741	9143		272	
363+00	371+00	785	0	15	768		9911		504	EST. QUT.
371+00	375+00	258	0	486		301	9610		276	
375+00	380+00	1547	0	33	1509		11119		350	
380+00	383+00	200	0	18	179		11298		166	
383+00	385+00	104	0	0	104		11402		115	EST. QUT.
38500	386+50	164	0	42	116		11518		100	
386+50	496+00	6494	0	0	6494		18012		6134	EST. QUT.
496+00	497+00	147	0	5	141		18153		161	
497+00	503+00	453	0	45	401		18554		432	EST. QUT.
503+00	508+00	614	0	71	532		19086		313	
508+00	549+00	1974	0	6	1967		21053		2430	EST. QUT.
FIELD	EST.	4	4	8		3	21050		0	EST. QUT.
DRIVES	AND	1028	0	545	401		21451		1588	
APPROACHES										
TEMP.	DETOURS	3844	0	2461	1014		22465		1159	
TURNOUT	FOR	5	0	58		62	22403		46	
MAILBOXES										
OTHER	SUBBASE	2012	0	0	2012		24415		815	
REPAIR	AREAS									
BRIDPORT	MM 1.33	161	0	0	161		24576		0	
216+50	219+50	LT								
CATTLE	PASS @	79	0	0	79		24655		54	
BRIDPORT	320+02									
BRIDPORT	HES	11012	0	473	10468		35123		6355	
	F017-1(2)									
FINAL	TOTALS	65329	1355	26853	35119		35123		51144	
CARRIED FORWARD										
COLUMN FOOTINGS		44972	4	11628			35123		32066	

SUMMARY BY COLUMNS

SHEET NO.	COL. NO.	EXCAVATION TOTAL CY	EXCAVATION ROCK CY	EMBANKMENT CY	BASE CY
SHOREHAM - BRIDPORT - ADDISON F017 - 1(2)					
1	1	2307	0	1516	1771
1	2	2038	648	967	1048
1	3	2807	463	1354	2990
2	1	2503	0	1045	2572
2	2	1782	240	1441	1139
2	3	2238	0	1862	2176
3	1	4451	0	5011	5189
3	2	1604	0	1962	1665
3	3	627	0	67	528
4	1	1628	0	113	976
4	2	1779	0	502	1470
4	3	1475	0	1615	1458
5	1	3079	0	61	2429
5	2	2251	0	1504	1596
5	3	1825	0	800	1407
6	1	1139	0	1820	971
6	2	1954	0	1448	1541
6	3	8509	0	93	6865
7	1	3188	0	127	3336
7	2	7054	4	3072	3608
7	3	79	0	0	54
TOTAL		54317	1355	26380	44789
BRIDPORT HES F017 - 1(2)		11012	0	473	6355
FINAL TOTALS		65329	1355	26853	51144

REMARKS

EARTH AND ROCK EXCAVATION	65329
SOLID ROCK EXCAVATION	- 1355
EARTH EXCAVATION	63974
PLANIMETERED FILL	26853
LESS FACTORED SOLID ROCK	- 1355 X 1.30 = 1762
LESS DISPLACEMENT OF ANY LARGE STRUCTURES	
NET PLANIMETERED FILL	25091
FACTOR	+ 25091 X 0.15 = 3764
PLANIMETERED FILL INCLUDING FACTOR	28855
MATERIALS AVAILABLE FOR FILLS	
EARTH EXCAVATION	63974
CHANNEL EXCAVATION	0.60 X 781 = 469
UNDERDRAIN EXCAVATION	0.75 X 695 = 521
STRUCTURE EXCAVATION	0.40 X1158 = 463
TOTAL MATERIAL AVAILABLE FOR FILL	65427
TOTAL FILL INCLUDING FACTOR	28855
TOTAL MATERIAL FOR FILL	65427
BORROW	
EXCESS EXCAVATION	36572

PROJECT NAME SHOREHAM - BRIDPORT - ADDISON
PROJECT NUMBER F017 - I(2)

SHEET 34 OF 420 SHEETS

Δ = 9°-22-00" Lt
D = 3°
R = 1909.86
T = 158.42'
L = 316.11'
E = 6.56
L = 9+33.75

~~Δ = 9°-31'LT~~
~~D = 3°~~
~~R = 1910.1~~
~~T = 159.0~~
~~L = 317.2~~
~~E = 6.6~~

Removal and Resetting Fence
7+15 Lt ~ 9+20 Lt
10+00 Lt ~ 11+46 Lt

Temporary Barbed Wire Fence (4 Strand)
7+15 Lt ~ 9+20 Lt
10+00 Lt ~ 11+46 Lt

WOVEN WIRE FENCE (W/WOOD POSTS) (M.001)
6+25 Lt ~ 11+50 Lt.
8+75 Rt ~ 10+30 Rt.

Removal & Disposal of Guide Posts
8+80 Lt. - 9+00 Lt.

Removal & Disposal of Guard Rail
10+16 Lt. - 12+02 Lt
10+42 Rt - 12+41 Rt

SEE SHEET 122 OF 420

Removing & Resetting Property Markers
10+50 Rt.

Rem. P.O.T. 11+07.35 =
Surv. P.O.T. 7+00.00
EQ = ± 407.35'

8+72 & 85' Lt Rt

Extend Existing 24" RCP 2 Lp
Relay 8 Lp
Cem. Concrete Flume

Conc. Dam
11+13.3 at 75' Lt
Replace Existing Pipe with New 36"ϕ 90° Flared End, 5F Type II Inlet

Primary Markers
10+50 Rt.

Remove & Reset Fence
10+60 Lt ~ 11+25 Lt
Remove & Reset Gate
10+85 Lt

Remove & Reset Fence
11+25 Lt ~ 12+10 Lt
Remove & Reset Gate
11+85 Lt

Remove & Reset Fence
10+60 Lt ~ 11+46 Lt

Remove & Reset Gate
11+46 Lt

Remove & Reset Fence
11+46 Lt ~ 12+10 Lt

Remove & Reset Gate
12+02 Lt

Remove & Reset Fence
10+16 Lt ~ 10+60 Lt

Remove & Reset Gate
10+42 Rt

Remove & Reset Fence
10+42 Rt ~ 10+60 Rt

Remove & Reset Gate
10+16 Lt

Remove & Reset Fence
10+16 Lt ~ 10+42 R

REMOVAL & DISPOSAL OF GUIDE POSTS
8+30 Lt ~ ~~8+93 Lt.~~ 9+00 Lt.

~~Removing and Resetting Fence~~
~~7+15 Lt ~ 11+40 Lt.~~

~~Temporary Barbed Wire Fence (4 Strand)~~
~~7+15 Lt ~ 11+40 Lt.~~

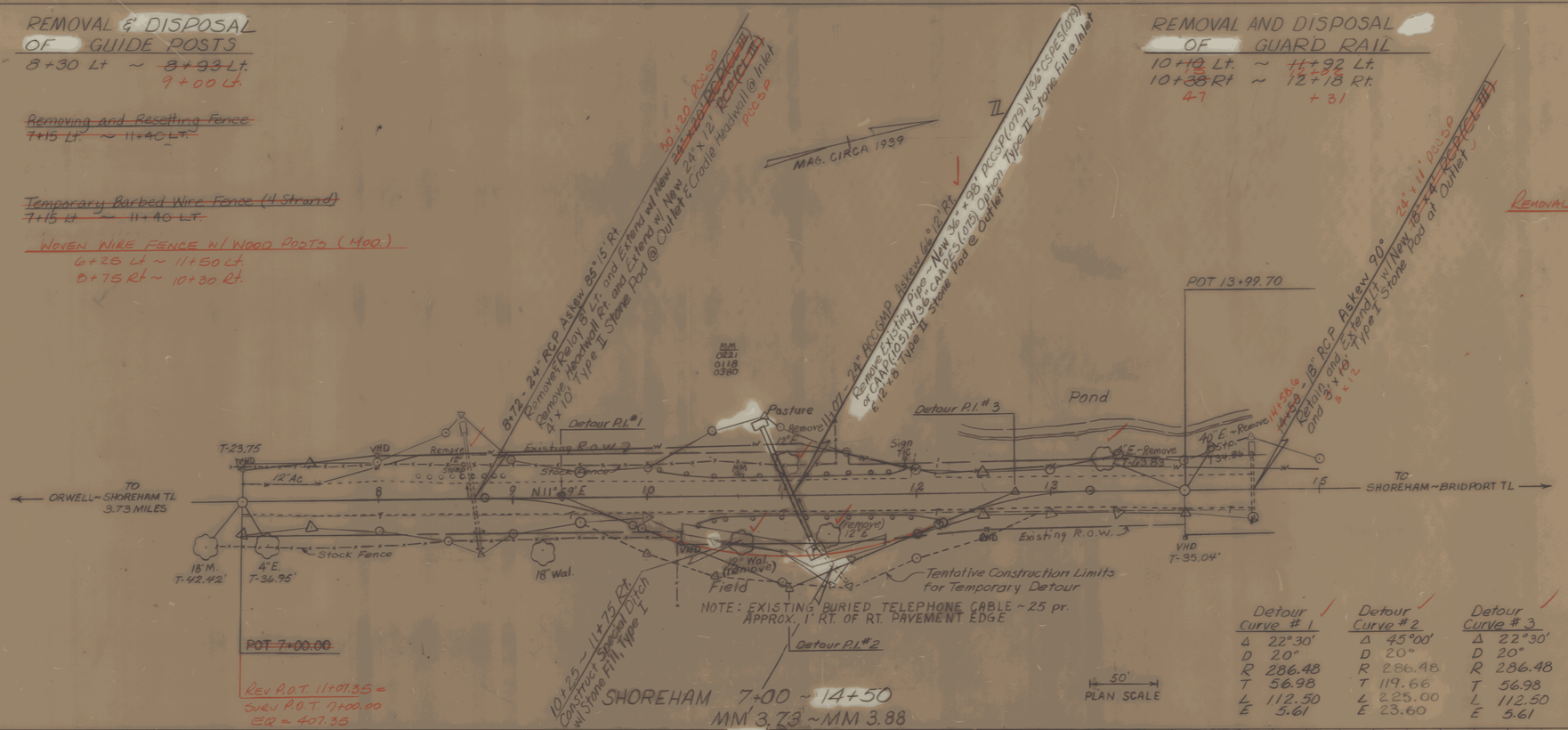
WOVEN WIRE FENCE W/ WOOD POSTS (M.00.)
6+25 Lt ~ 11+50 Lt.
8+75 Rt ~ 10+30 Rt.

REMOVAL AND DISPOSAL OF GUARD RAIL
10+~~10~~ Lt. ~ ~~11+92~~ 12+31 Lt.
10+~~38~~ 47 Rt ~ 12+18 Rt.

CONSTRUCT TEMPORARY DETOUR
8+80 Rt. ~ 13+30 Rt.

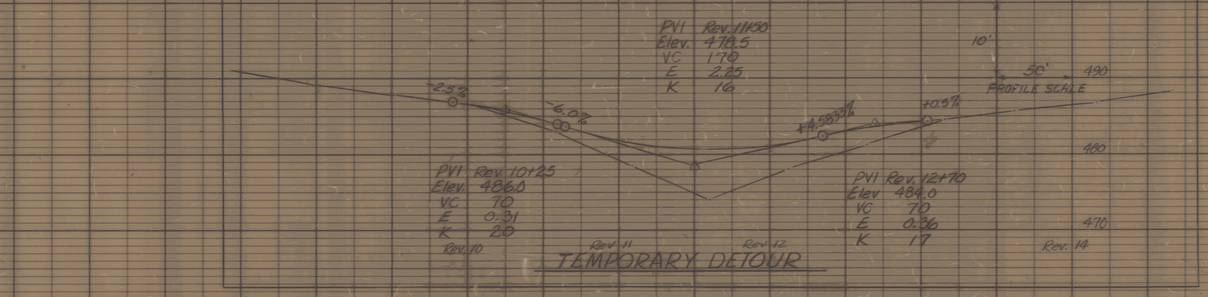
GEOTEXTILE FABRIC FOR SILT FENCE
8+00 LT ~ 15+00 LT

REMOVAL OF EXISTING FENCE (NON-ARTICIPATING)
16+21 ~ 20+89 Lt.



Detour Curve # 1	Detour Curve # 2	Detour Curve # 3
Δ 22°30'	Δ 45°00'	Δ 22°30'
D 20°	D 20°	D 20°
R 286.48	R 286.48	R 286.48
T 56.98	T 119.66	T 56.98
L 112.50	L 225.00	L 112.50
E 5.61	E 23.60	E 5.61

PLAN SCALE 50'



TEMPORARY DETOUR

SHOREHAM-BRIDPORT-ADDISON
FOM-1(2)
Sheet 122 of 428

SHEET 122 OF 477

PLATE 1 SINGLE FLN - PROFILE
CHARLES BRUNING CO.
BRUNING 44-131 53428

FED. ROAD DIST. NO.	STATE	FAS PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	VT.	18-A	1939	5	47

SEE SHEET 122 OF 420

SEE SHEET 125 OF 420

A.M. Farnham

Mrs Anna Sullivan

Boundary Markers
21+00 Lt.

Removing and Resetting Fence
14+05 Lt. ~ 20+75 Lt.
16+21 Lt. ~ 20+89 Lt.

Temporary Barbed Wire Fence (4 Strand)
14+05 Lt ~ 20+75 Lt.
16+21 Lt. ~ 20+89 Lt.

Barbed Wire Fence - Four Strand
24+00 Lt. ~ 28+00 Lt.

14+50 ~ 16+65 Rt. To be Paid For As All Purpose Excavator Rental & Truck Rental

24+80 Lt. Ditching To be Paid For As All Purpose Excavator Rental Truck Rental

24+35 Lt. ~ 25+18 Lt. Ditching To be Paid For As All Purpose Excavator Rental & Truck Rental

Δ = 12°-39'-00" Lt.
D = 3°
R = 1909.86
T = 211.69
L = 421.67
E = 11.70
L.C. = 420.81

Δ = 5°-30 Lt.
D = 2°
R = 2864.79
T = 140.95
L = 281.67
E = 3.47
L.C. = 281.55

16+70 ~ 21+70 Lt. Stone Ditch
500' x 4' Lt.

PC 20+27.8
PT 21+94.26

PC 24+61.4

30± Trees (located 23.5' to 26' left of ℄.) Remove all trees within 24' of ℄.

Reloking & Resetting Property Markers
16+00 Rt.

Barbed Wire Fence - Four Strand
28+85 Rt. ~ 29+00 Rt.

Removal & Disposal of Guide Posts
28+00 Lt. ~ 29+00 Lt.

Removal of Existing Fence (Non-Part)
Lt. 24+00 ~ 28+00
Rt. 28+85 ~ 29+00

NOTE: EXISTING BURIED TELEPHONE CABLE ~ 25 pr. APPROX. 1' RT. OF RT. PAVEMENT EDGE

8" Wood Post Underground Tel. Cable Marker 23' Right of ℄

Pole Underground Tel. Marker 20 Rt. of ℄

PI 16+86.6
16+84.9

PI 26+70.6
26+70.2

Rev PI. 26+12.74
26+12.55

SHOREHAM 14+50 ~ 27+00
MM 3.88 ~ MM 4.09

PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED BOOK	RECORDED PAGE	RECORDED DATE	REMARKS
B	Q.C.D.	8-7-38	A.M. FARNHAM	STATE OF VT.	21	139-36	3-3-39	
B-C-D	Q.C.D.	9-7-38	Mrs. ANNA SULLIVAN	STATE OF VT.	21	181-323-8	8-8-39	Con. Sta. 14+50

SHOREHAM - BRIDPORT ADDISON
F017-1(2)
SHEET 123 OF 420

SHEET 123 OF 477

FED. ROAD DIST. NO.	STATE	FAS PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	VT.	18-A	1935	6	47

REMOVAL & DISPOSAL OF GUIDE POSTS
29+00 Lt. - 31+00 Lt.

~~Removing and Resetting Fence~~
~~31+00 Rt. ~ 32+00 Rt.~~
~~39+75 Rt. ~ 41+50 Rt.~~

~~Temporary Barbed Wire Fence (4 Strand)~~
~~31+00 Rt. ~ 32+00 Rt.~~
~~39+75 Rt. ~ 41+50 Rt.~~

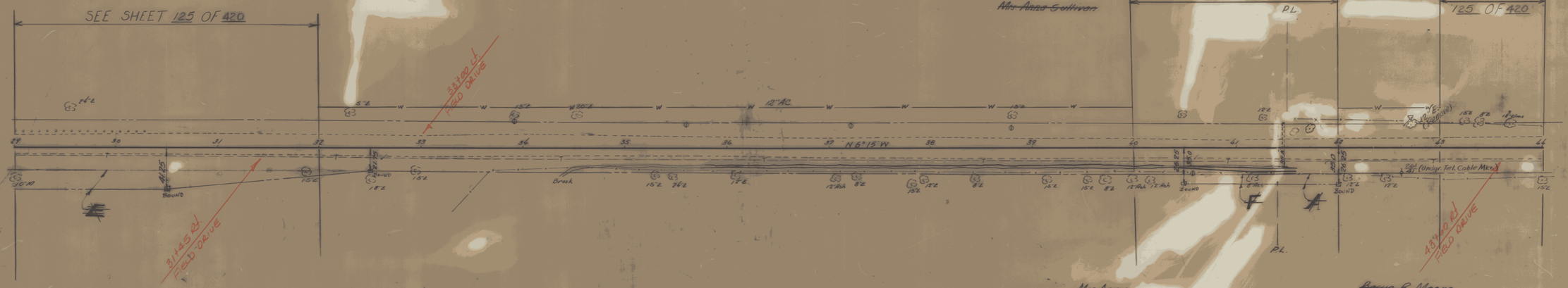
BARBED WIRE FENCE - FOUR STRAND
29+00 Rt ~ 44+00 Rt.

WOVEN WIRE FENCE w/ WOOD POSTS
34+00 Rt ~ 41+38 Rt.

REMOVING OF EXISTING FENCE (NON-PART)
29+00 - 44+00 Rt.

~~Mrs Anna Sullivan~~

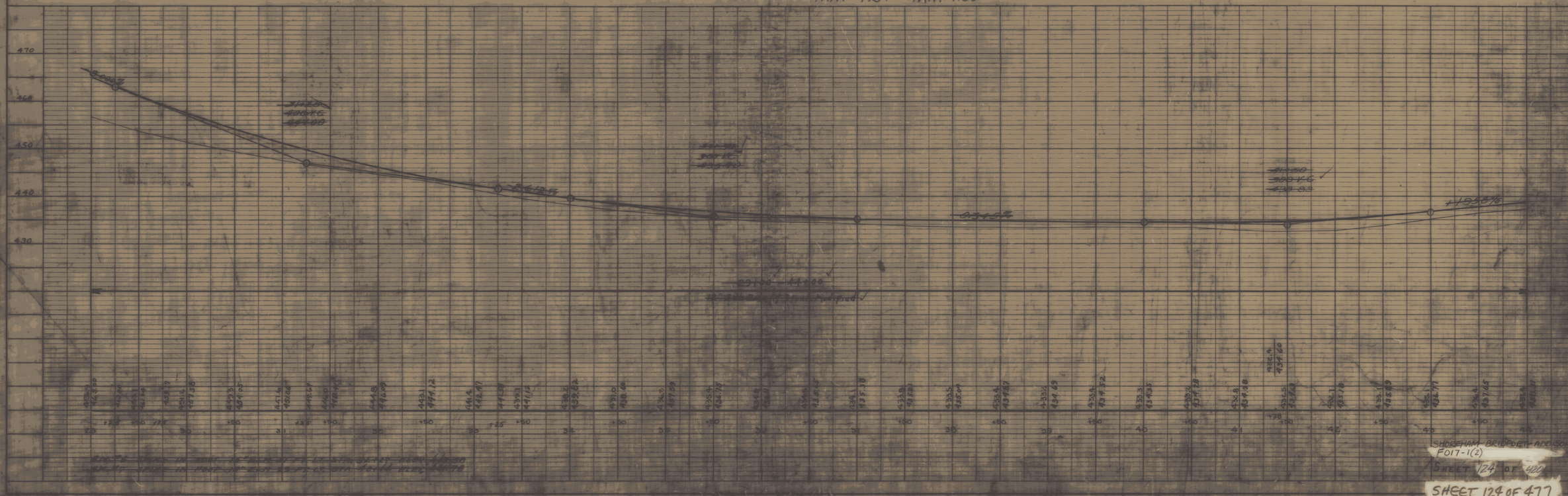
N



NOTE: EXIST BURIED TELEPHONE CABLE ~ 25 pr.
APPROX. LOCATION 1' RT. OF RT. EDGE OF PAVEMENT

~~PARCEL~~	~~INSTRUMENT~~	~~DATE~~	~~GRANTOR~~	~~GRANTEE~~	~~RECORDED~~	~~REMARKS~~
~~E-F~~	~~Q.C.D.~~	~~9-7-38~~	~~MRS ANNA SULLIVAN~~	~~5' OF LT.~~	~~SHOREHAM BOOK 21~~	
~~A~~	~~Q.C.D.~~	~~9-7-38~~	~~MRS BESSIE B. MOORE~~	~~5' OF RT.~~	~~BOOK 21 PAGE 134-35-36~~	~~DATE 9-9-38~~

SHOREHAM 32+00 ~ 40+00
MM 4.18 ~ MM 4.33
42+00 ~ 43+00
MM 4.37 ~ MM 4.39



SHOREHAM - BRISTOL - ADDISON
F017-1(2)
SHEET 124 OF 420

REMOVAL & DISPOSAL OF GUIDE POSTS

~~Lt.~~ ~~28+47 ~ 30+47~~
~~Rt.~~ ~~00 ~ 31+00~~

BM #1
SIR 12"M
Assu. Elev. 500.0

BM 1
36" Elm
As El 500.00

POT 28+83.52
POT 31+29.98
POT 42+00.00
POT 40+50.00

PI 26+70.4 = 26+70.8

PI 47+01.20
46+98.07
NOT TIED

Exist. R.O.W.

Field

Lawn

Garden

Ledge

Brush & Trees

Exist Ground

Remove Guide Posts

Remove 4 Oak

Remove 7 Oak

Remove 2 Oak

Remove 18" Oak

Remove 30" Elm Stump

Remove 18" Oak

Remove 24" Elm

Remove 18" Elm

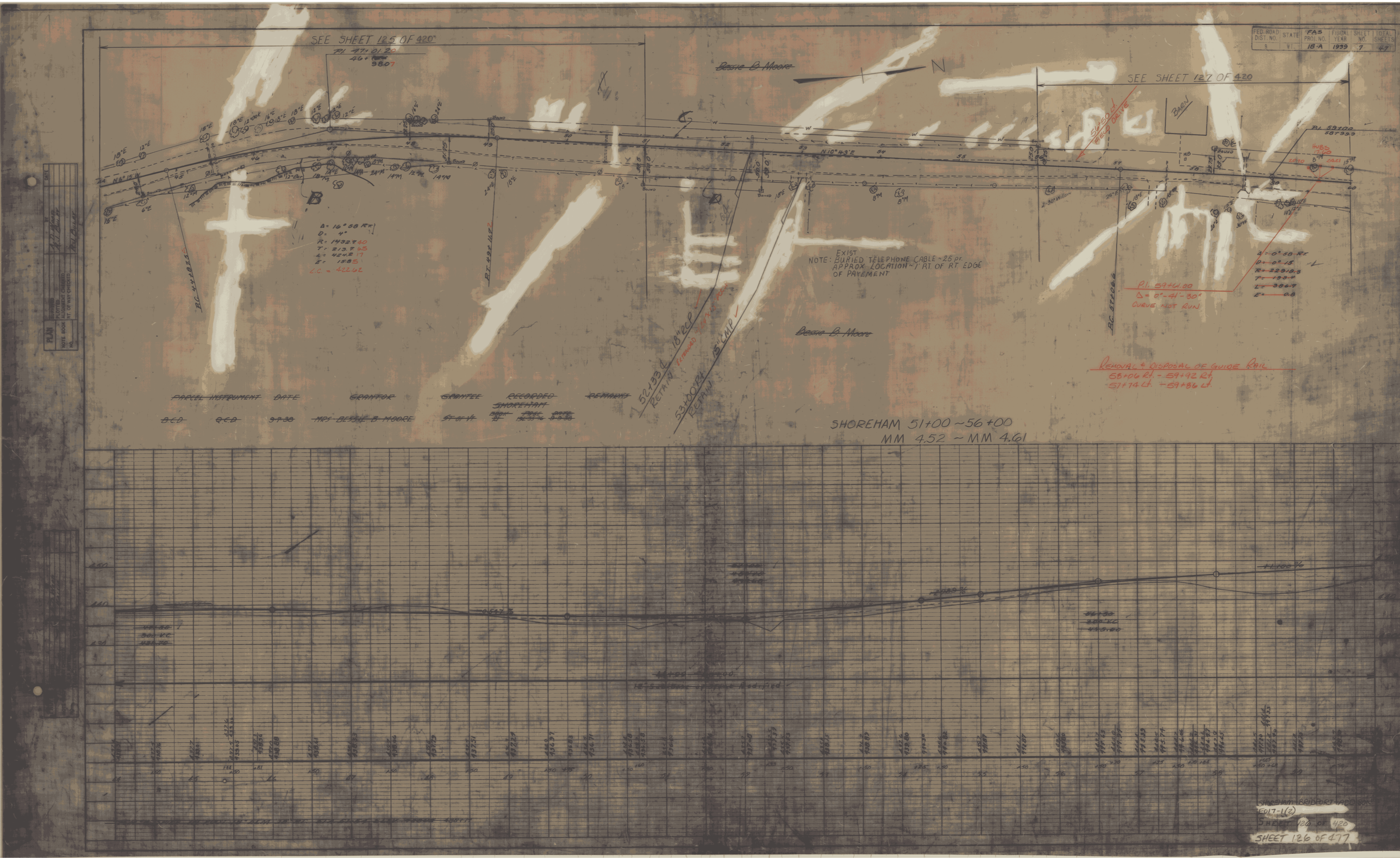
Remove 18" Elm

Remove 24" Elm

Remove 18" Elm

Remove 18" Elm

Remove 18

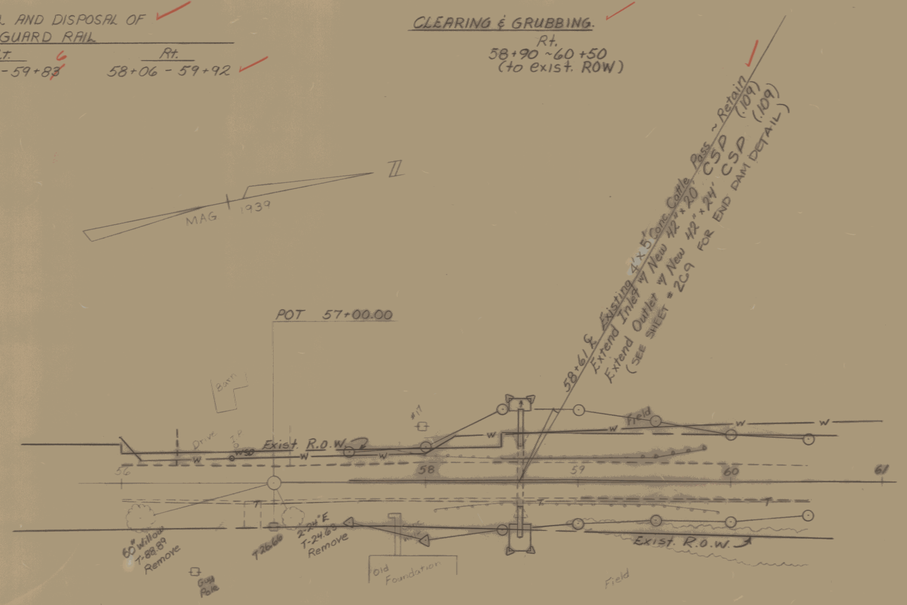


FED. ROAD DIST. NO. 9
STATE VT.
FAS PROJ. NO. 18-A
FISCAL YEAR 1939
SHEET NO. 7
TOTAL SHEETS 47
SEE SHEET 125 OF 420
SEE SHEET 127 OF 420
Bessie B. Moore
N
BARN
Δ = 16° 58 Rt.
D = 4°
R = 1432.7 40
T = 213.7 65
L = 424.2 17
E = 15.8 51
L.C. = 422.62
EXIST
NOTE: BURIED TELEPHONE CABLE ~25 pr.
APPROX. LOCATION ~1' RT. OF RT. EDGE OF PAVEMENT
P.I. 59+61.00
Δ = 0°-41'-30"
CURVE NOT RUN
Δ = 0° 58 Rt.
D = 0° 15
R = 22918.3
T = 193.4
L = 386.7
E = 0.8
REMOVAL & DISPOSAL OF GUIDE RAIL
58+06 Rt. - 59+92 Rt.
57+74 Lt. - 59+86 Lt.
PARCEL INSTRUMENT DATE GRANTOR GRANTEE RECORDED SHOREHAM REMARKS
B.C.D. Q.C.D. 9-7-38 MRS BESSIE B. MOORE ST. OF VT.
52+33 ℄ RETAIN
53+00 Rt. RETAIN
SHOREHAM 51+00 ~ 56+00
MM 4.52 ~ MM 4.61
SHOREHAM-BRIDPORT-ADDISON
F017-1(2)
SHEET 126 OF 420
SHEET 126 OF 477

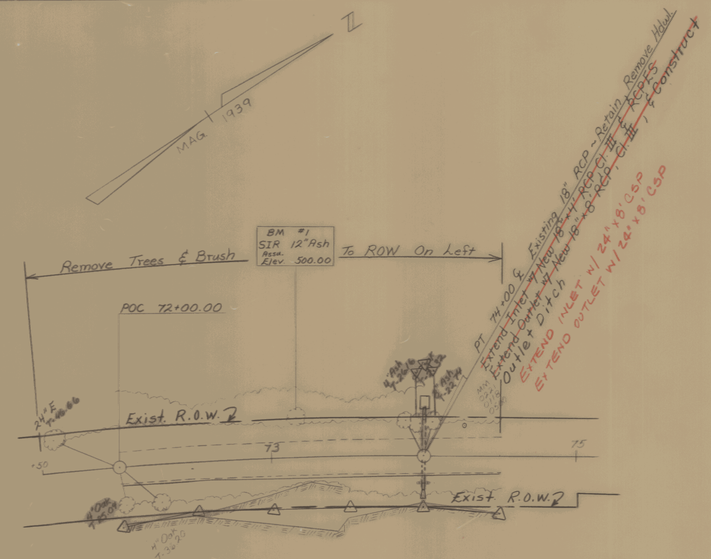
REMOVAL AND DISPOSAL OF GUARD RAIL

Lt.	Rt.
57+74 - 59+83	58+06 - 59+92

CLEARING & GRUBBING.
Rt.
58+90 ~ 60+50
(to exist. ROW)



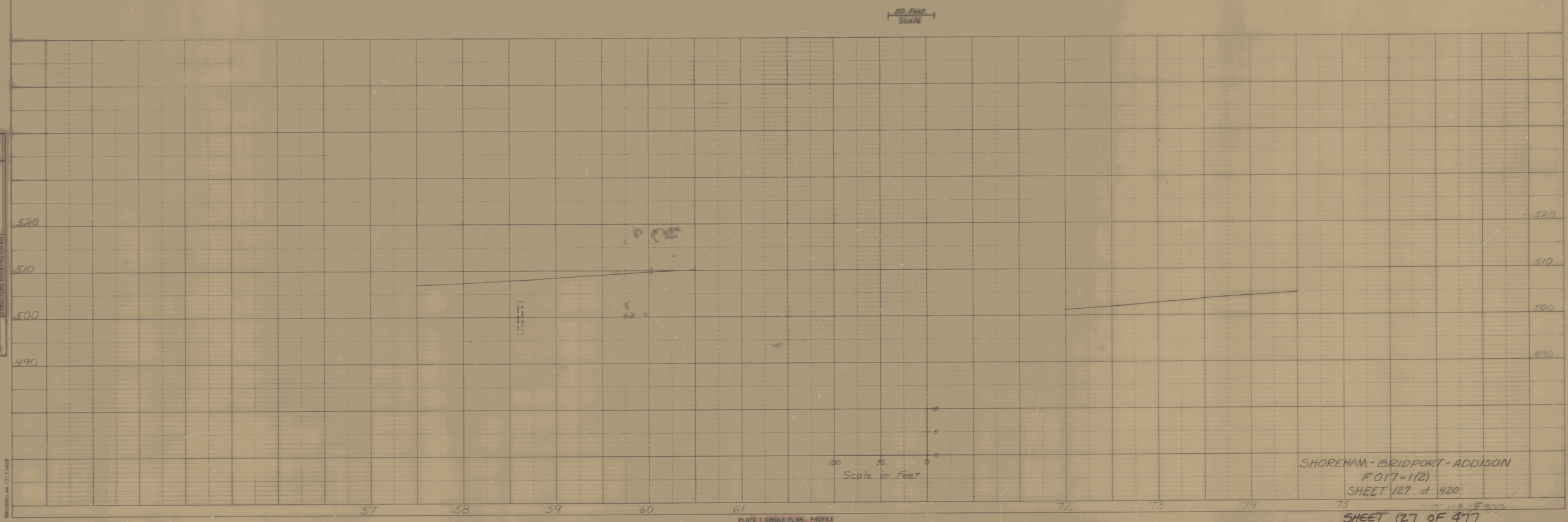
NOTE: EXIST. BURIED TELEPHONE CABLE ~ 25 pr.
APPROX. LOCATION ~ 1' Rt. of Rt. EDGE OF PAVE.



Survey:
Degree of Curve : 2°-30'-00"

SHOREHAM
MM 4.61 ~ MM 4.74 (Sta 56+0 ~ 60+50) See Sheets 126 & 128 of 420
MM 4.95 ~ MM 5.00 (Sta. 71+50 ~ 74+50) See Sheets 128 & 129 of 420

CLEARING & GRUBBING
Rt.
72+00 ~ 75+00
(To Const. Limits)



SHOREHAM - BRIDPORT - ADDISON
F017-1(2)
SHEET 127 of 420

PLATE 1 SINGLE PLAN - PROFILE
CHARLES BRUNING CO.

SHEET 127 OF 477

FED. ROAD DIST. NO.	STATE	FAS PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT	18-A	1939	8	47

PLAN — SURVEYED: A.D. Ford; PLOTTED: R.J. Bailey; NOTE BOOK NO.: —; DATE: —; RT. OF WAY CHECKED: —; PROFILE CHECKED: —; DATE: —

SEE SHEET 127 OF 420

Bessie B. Moore

P.O.S.T. 68+99.5
Δ 6°-12' Rt.

Rev P.I. 70+80.16 = 70+82.63

SEE SHEET 127 OF 420

Rt. 70+80.8
70+76.0

POST 91+60.8
Δ 13°-22' Rt.

63+24 18" RCP
Remove & Relay 8 ft Pipe at Outlet
Remove all trees at 24'-0" RLOD & Outlet
24'-0" RLOD & Inlet

Remove Trees & Brush to ROW on Left

Remove Trees & Brush to R.O.W. Line on Left

12" AC

Remove

Remove 36'E

Remove

Bound

Bound

Bound

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	VT.	FAS 18-A	1939	9	47

SEE SHEET 127 OF 420

Δ 5°-51'-30"
D 0°-45'
R 7639.44
T 390.90
L 781.11
E 9.49
L.C. 780.77

Δ=4°38'-Lt
D=1°30
R=3819.8
T=154.3
L=308.9
E=3.1

Barbed Wire Fence ~ 4 Strand
78+40 Rt. ~ 81+60 Rt.

Removal of Existing Fence
78+40 Rt. ~ 81+60 Rt.

Δ=1°-21½'Lt
D=0°-30
R=11459.2
T=135.0
L=270.0
E=0.8

Rev. P.I. 65+00.00
Δ= 0°-29'-15" Lt.
No Curve Run

Relocate Mailbox, Single Support
82+18 Lt.

74+00 (See Sheet 127 of 420)

74+00 ~ 78+15 Rt.
Ditch Cleaning (To be paid under All Purpose Excavator Rental)

78+15 ~ 78+35 Rt.
Construct Special Ditch w/ Stone Fill, Type I

Special Ditch (Rt.) Typical
10' 24' Exist. Grd. 1:3 1:3 Stone Fill, Type I 1' Depth

Remove All Trees & Brush in ROW Lt. of ℄

Rev. P.O. 75+28.10

Bessie B. Moore

Edith Caswell

Remove all trees

Rt. 80+33.7
80+44.8 ~ 80+58.0 Two Fr.

Rev. Pt. 83+29.27

Do not disturb

Mrs. Edith Caswell
Foxfire, Wisconsin

Bessie B. Moore

NOTE: EXIST. BURIED TELEPONE CABLE ~ 25 pr.
APPROX. LOCATION ~ 1' Rt. OF Rt. PAVE. EDGE

Pl 78+99.3
78+99.2

Rev. P.I. 79+19.00 =
79+18.52

82+06 Rt. 15" CSAMP (Retain)
Remove 15" New 15" RCP

84+38 ~ 85+38 Rt.
Ditch Cleaning (To be paid for All Purpose Excavator Rental)
Truck Rental
Retain

85+52 ~ 87+02 Rt.
Ditch Cleaning (To be paid for All Purpose Excavator Rental)
Truck Rental

Pl 87+34.6
87+34.6

Rt. 87+33.6

Rt. 89+43.6

SHOREHAM 74+50 ~ 89+00
MM 5.00 ~ MM 5.28

Field Fd. Equation = Bdf.

74+00 ~ 81+00
12' Sub Base of Stone Modified

81+00 ~ 83+50
12' Sub Base of Stone Modified

83+50 ~ 86+50
12' Sub Base of Stone Modified

86+50 ~ 88+50
12' Sub Base of Stone Modified

88+50 ~ 89+00
12' Sub Base of Stone Modified

Transition for Change in Thickness of Sub-Base

Transition for Change in Depth of Subbase

SHOREHAM - CENTER
F017-1(2)
SHEET 129 OF 420
SHEET 477

FED. ROAD DIST. NO.	STATE	FAS PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT	18-A	1939	10	

Removing and Resetting Fence
~~100+00 Rt. ~ 102+00 Rt.~~
96+50 Rt. ~ 100+25 Rt.

Temporary Barbed Wire Fence (4 Strand)
~~100+00 Rt. ~ 102+00 Rt.~~

BARBED WIRE FENCE - 4 STRAND
96+55 Rt. ~ 100+25 Rt.

WOVEN WIRE FENCE W/ WOOD POSTS (M.O.D.)
96+55 Rt. ~ 102+00 Rt.

RELOCATE MAILBOX, SINGLE SUPPORT

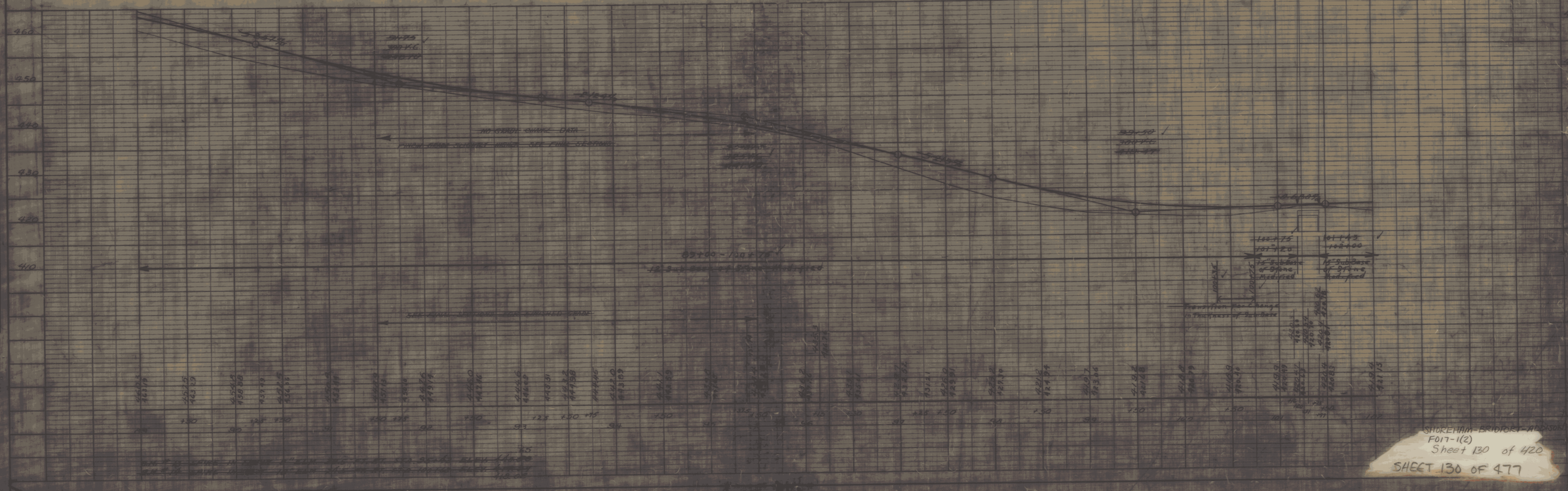
95+15 Lt (EXISTING 24" DIA. CONC. POST TO BE REPLACED, SEE SHEET ____ FOR DETAILS)

CONSTRUCT TURNOUT (Mailbox)
94+90 ~ 95+40 Lt.



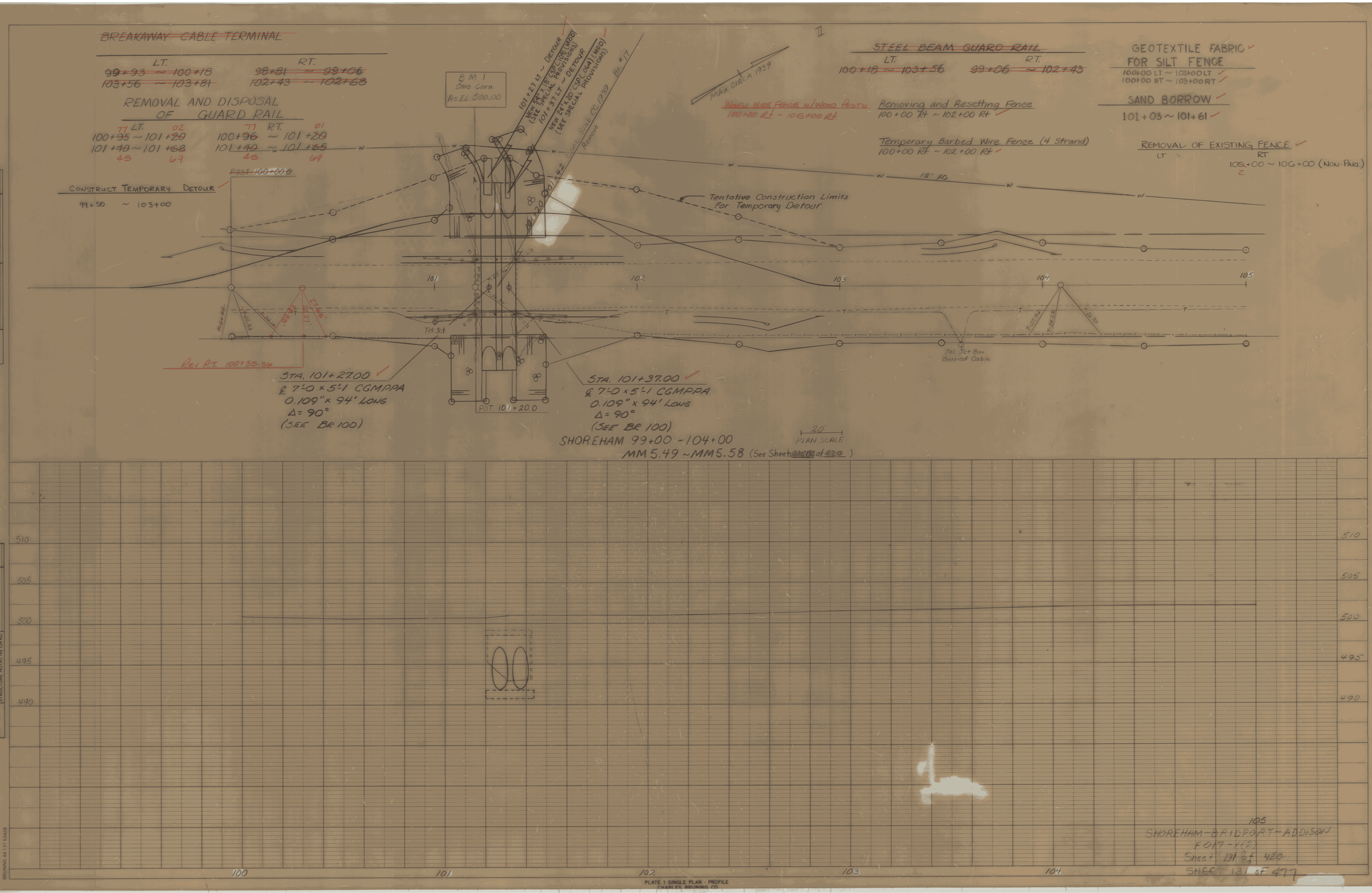
RELOCATE MAILBOX, SINGLE SUPPORT
95+05 Lt.

SHOREHAM 89+00 ~ 100+00
MM 5.28 ~ MM 5.49



SHOREHAM - BRIDPORT - MADISON
F017-1(2)
Sheet 130 of 420

SHEET 130 OF 477



BREAKAWAY CABLE TERMINAL
LT.
99+93 ~ 100+18
103+56 ~ 103+81
RT.
98+81 ~ 99+06
102+43 ~ 102+68
REMOVAL AND DISPOSAL OF GUARD RAIL
LT.
100+95 ~ 101+20
101+40 ~ 101+68
RT.
100+96 ~ 101+20
101+40 ~ 101+65
POST 100+00.0
CONSTRUCT TEMPORARY DETOUR
99+50 ~ 103+00
B M I
Chis Corn.
As EL. 500.00
101+27 LT ~ DETOUR
NEW 54" X 18' CSP (.109) (MOD)
(SEE SPECIAL PROVISIONS)
101+37 LT ~ DETOUR
NEW 24" X 20' CSP (.064) (MOD)
(SEE SPECIAL PROVISIONS)
Conc. Slab CC 1939
Remove
Br. #17
MAG. CIRCA 1939
STEEL BEAM GUARD RAIL
LT.
100+18 ~ 103+56
RT.
99+06 ~ 102+43
WOVEN WIRE FENCE W/WOOD POSTS
100+00 Rt. - 105+00 Rt.
Removing and Resetting Fence
100+00 Rt. ~ 102+00 Rt.
Temporary Barbed Wire Fence (4 Strand)
100+00 Rt. ~ 102+00 Rt.
GEOTEXTILE FABRIC FOR SILT FENCE
100+00 LT ~ 103+00 LT
100+00 RT ~ 103+00 RT
SAND BORROW
101+03 ~ 101+61
REMOVAL OF EXISTING FENCE
LT
RT
100+00 ~ 106+00 (NON-PART.)
12" AC
Tentative Construction Limits For Temporary Detour
101
102
103
104
105
Tel. Jct.
Tel. Jct Box Buried Cable
REV P.T. 100+35.36
STA. 101+27.00
℄ 7'-0 x 5'-1 CGMPPA
0.109" x 94' LONG
Δ = 90°
(SEE BR 100)
POT 101+20.0
STA. 101+37.00
℄ 7'-0 x 5'-1 CGMPPA
0.109" x 94' LONG
Δ = 90°
(SEE BR 100)
20'
PLAN SCALE
SHOREHAM 99+00 ~ 104+00
MM 5.49 ~ MM 5.58 (See Sheets 130 & 132 of 420)
510
505
500
495
490
100
101
102
103
104
105
SHOREHAM ~ BRIDPORT ~ ADDISON
F017-1(2)
Sheet 131 of 420
SHEET 131 OF 477
PLATE 1 SINGLE PLAN - PROFILE
CHARLES BRUNING CO.

FED. ROAD DIS. NO.	STATE	FAS PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	VT	18-A	1939	11	47

Removing and Resetting Fence
102+00 Rt. ~ 106+00 Rt.

Temporary Barbed Wire Fence (4 Strand)
102+00 Rt. ~ 106+00 Rt.

REMOVAL AND DISPOSAL OF GUARD RAIL

Lt	Rt
	114+40 ~ 116+00

WOVEN WIRE FENCE W/ WOOD POSTS (M.O.)
102+00 Rt. - 116+00 Rt.

105+86 Lt 15" CMP RETAIN

Edith Caswell

109+90 Lt FIELD DRIVE

109+63 Lt 15" CMP RETAIN

Remove 16'± 30 CSP

Rev Rt 110+02.39

111+50 Lt 15" CMP RETAIN

Δ = 21°-30' Lt
D = 5°
R = 1145.92
T = 217.56
L = 430.00
E = 20.47
L.C. = 427.48

~~Δ 21-35 Lt~~
~~D 5~~
~~R 1146.3~~
~~T 218.5~~
~~L 431.7~~
~~E 20.6~~

112+25 Lt ~ 114+25 Lt
Clean Ditch for Tile Hand or All Purpose Excavator Rental & Truck Rental

Rev Rt 114+92.39

N 5° 52' E

113+40 Rt FIELD DRIVE

Rev Rt 112+79.95 = 112+74.93

~~Rt 113+06.1 Rev 113+00.0~~

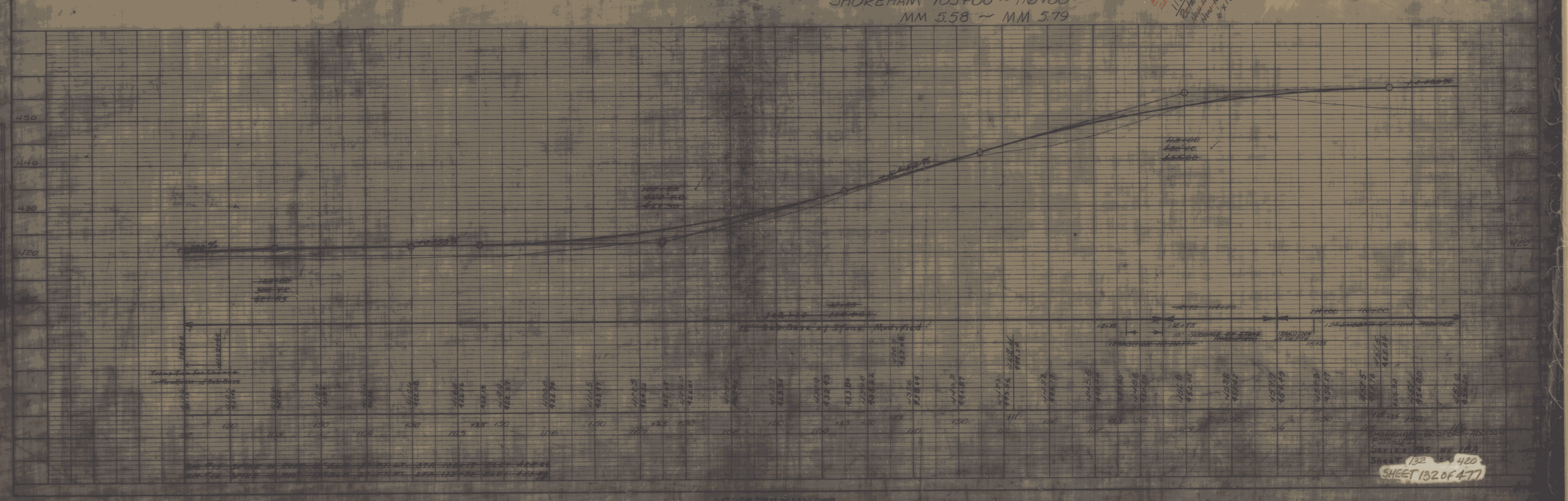
Remove 8'x18' RCP & Inlet
Extend Outlet w/ 18" RCP
114+39 Rt
115+82 Lt
Return to Service 18' RCP
Remove 44' RCP Culvert and Headwall
Remove 16' RCP End Section w/ 6'x12' Stone
Kill Type I.6 Inlet

Removal of Existing Fence
112+23 Lt. - 113+50 Lt.

SEE SHEET 131 OF 420 SHEETS

NOTE: EXIST. BURIED TELEPHONE CABLE ~ 25 pr.
APPROX. LOCATION ~ 1' Rt. OF Rt PAVE. EDGE

SHOREHAM 105+00 ~ 116+00
MM 5.58 ~ MM 5.79


102+00
103+00
104+00
105+00
106+00
107+00
108+00
109+00
110+00
111+00
112+00
113+00
114+00
115+00
116+00
430
420
410
400
390
380
370
360
350
340
330
320
310
300
290
280
270
260
250
240
230
220
210
200
190
180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0
102+00 300' VC Elev 403.65
106+00 Elev 402.55
110+00 Elev 402.50
112+00 Elev 402.50
Elev 402.50
Elev 403.50
Elev 403.50
Elev 403

FED. ROAD DIST. NO.	STATE	FAS. ROUTE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
		18-A	1939	12	47

REMOVAL AND DISPOSAL OF GUARD RAIL
LT. RT.
116+00 ~ 117+~~70~~ 54

RELOCATE MAILBOX, SINGLE SUPPORT
116+50 Lt.
123+50 Lt.

116+30 Lt. 15" CMP
Retain

123+30 ~ 121+70 Lt.
Ditch Cleaning (To be paid under All Purpose Excavation & Truck Rental)

~~Geo Birchard~~

~~Edith Cornell~~

CURB ISLAND DETAIL N.T.S.

CAST IN PLACE CEMENT CONCRETE CURB, TYPE A
LT.
123+36 ~ 124+08 (6' Wide Island)
See Detail Left

TOPSOIL
LT.
123+36 ~ 124+08 (6' Wide Island 4" Depth Of Topsoil)

Construct Drive
Lt.
130+25 (16 ft. Gravel)

N

Parking Lot

Restaurant

Well Must be disturbed

124+20 Lt. 18" ACCGMP S.D.I.
Retain

121+78.5 15" RCP
Retain
REMOVE & RELAY S. TO INLET
NEW 24"H.D. PULP E. OUTLET

Meadow

NOTE: EXIST. BURIED TELEPHONE CABLE ~25 ft. APPROX. LOCATION ~ 1' Rt. OF Rt. PAVE. EDGE TO INTERSECTION

NOTE: TELEPHONE GOES AERIAL FROM T.H. INTER. TO TOWN LINE

To Bridport

TIES

~~Edith Cornell~~
Sta 118+00 Rt. - 118+50 Lt. - 123+10 Lt. Std. Unbalanced rain with 6' PCGM PAC 520' Long
Retain ✓ EXTENDED N/C x 14' HDCARE TYPE

124+15 Rt.
Ditch Cleaning (To be Paid under All Purpose Excavation & Truck Rental)

EXTEND EXIST. 12" ACCGMP (SEAL) WITH NEW 18" CSP (SEAL) WITH 18" CSP FLARE END SECTION

P.I. 124+68.78
Δ = 0°-16'-00" Lt.
No Curve Run

P.O.T. 124+50
0+00 Side Lines

126+25 ~ 126+20 Rt.
Ditching (To be Paid under All Purpose Excavation & Truck Rental)

130+00 Rt. Shoreham
Remove Marker Remove Post and Dispose of Same

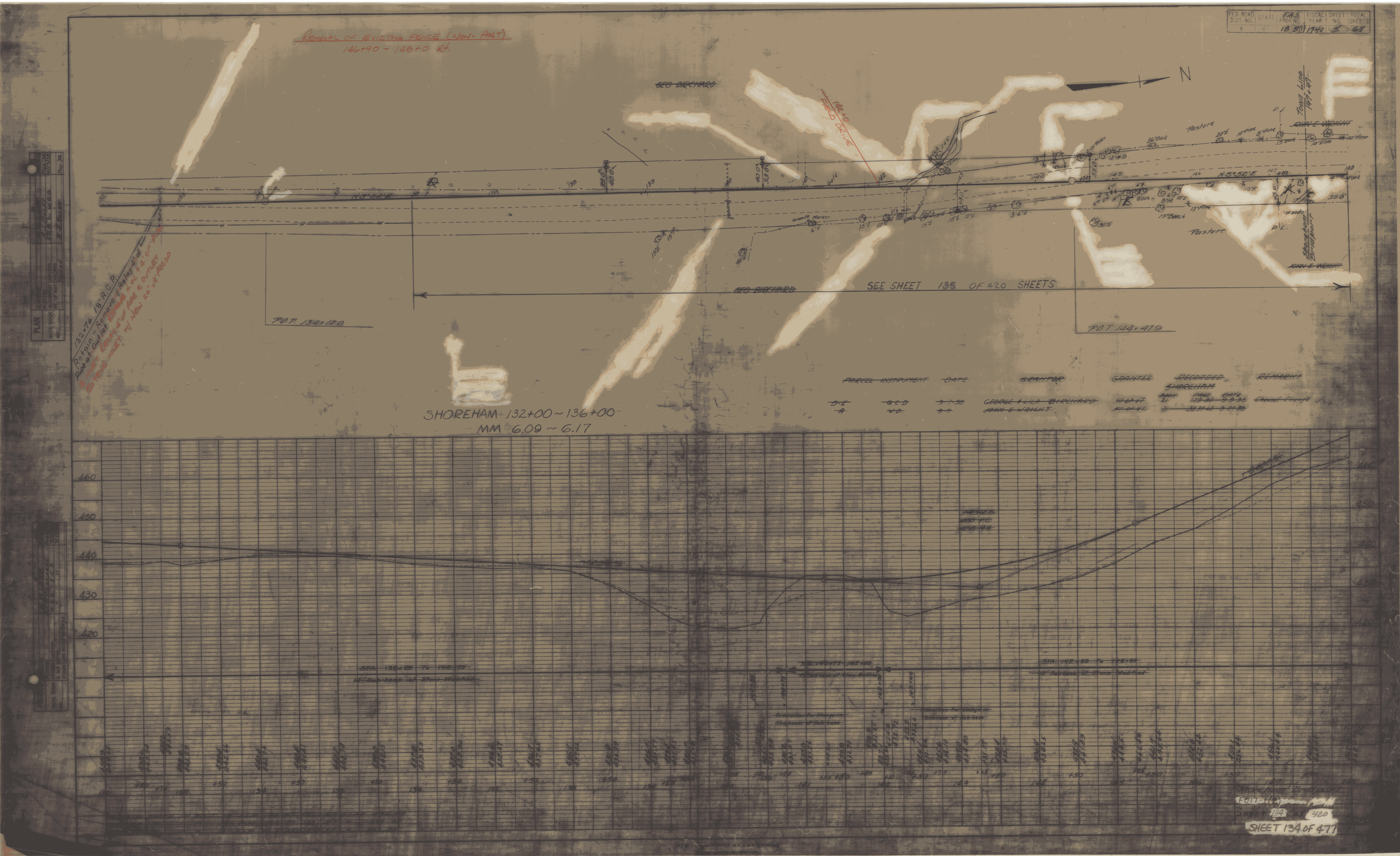
P.O.T. 134+12.0

PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED SHOREHAM BOOK	PAGE	DATE
~~A B C~~	~~Q C D~~	~~9-7-38~~	~~GEORGE & LILA BIRCHARD~~	~~STATE~~	~~21~~	~~189-90~~	~~8-9-38~~

SHOREHAM
116+00 ~ 132+00
MM 5.79 ~ MM 6.09

STA. 130+00
END OF PROJECT FA.S 18A

SHOREHAM - BRIDPORT - ADDISON
F017-1(2)
Sheet No. 133 of 420
SET 133 OF 477



FED. ROAD DIST. NO. 9
STATE V
F.A.S. PROJ. NO. 18 B(1)
FISCAL YEAR 1940
SHEET NO. 5
TOTAL SHEETS 67
REMOVAL OF EXISTING FENCE (NON-PART)
146+90 - 148+0 Rt.
GEO BIRCHARD
142+0 FIELD DRIVE
N
Town Line 147+47
JOHN E WRIGHT
Pasture
N 5°52'E
Granite Marker
Shoreham Bridgport
SEE SHEET 135 OF 420 SHEETS
P.O.T. 134+120
P.O.T. 144+47.9
132+76 18" R.C.P.
Retain - Remove & Relay 4' of Pipe at Outlet
PARCEL INSTRUMENT DATE GRANTOR GRANTEE RECORDED SHOREHAM REMARKS
D-E Q.C.D. 9-7-38 GEORGE & LILA BIRCHARD ST OF VT BOOK 21 PAGE 129-30 DATE 9-9-38 Channel Change
A W.D. 9-7 JOHN E WRIGHT ST OF VT 21 138-37-40 9-27-38
SHOREHAM 132+00 ~ 136+00
MM 6.09 ~ 6.17
460
450
440
430
420
STA. 132+00 To 140+75
12" Sub-base of Stone Modified
STA. 140+75 - 142+00
STA. 142+00 To 148+00
12" Sub-base of Stone Modified
Transition for Change in Thickness of Sub-base
Shoreham Bridgport
F017-1(2)
SHEET 134 OF 420
SHEET 134 OF 477

REMOVAL And DISPOSAL of GUARD RAIL

Lt.		Rt.	
~~51~~	~~53~~	~~56~~	~~74~~
~~138+64~~ ~	~~140+78~~	~~138+92~~ -	~~140+92~~
~~142+54~~ ~	~~141+54~~	~~141+98~~ ~	~~143+68~~
42	56	87	70

BREAKAWAY CABLE TERMINAL

Lt. Rt.

~~142+25 ~ 142+50~~

~~146+50 ~ 146+75~~

CLEARING & GRUBBING

Lt.
138+25 ~ 138+65 ✓
(To Exist. R.O.W.)
138+65 ~ 140+00
(to Const. Limits)
142+25 ~ 142+70
(to Exist. ROW.)
142+70 ~ 148+00±
(to Const. Limits)

Rt.
137+50 ~ 151+00 ✓
(To Exist. R.O.W or Construction Limits Whichever Greater)

STEEL BEAM GUARD RAIL

Lt. Rt

~~142+50 ~ 146+50~~

BOUNDARY MARKERS
140+50 Rt

GEOTEXTILE FABRIC FOR SILT FENCE ✓

142+50 LT ~ 143+50 LT
138+00 LT ~ 141+00 LT
141+50 RT ~ 143+80 RT

CONSTRUCT DRIVE

Lt
142+00 (16' wide) GRAVEL

Rt
143+91 (20' wide) GRAVEL

SAND BORROW ✓

142+44 ~ 142+84

MAG. GIRCA 1940 ✓

CONSTRUCT TEMPORARY DETOUR ✓

140+70 Rt. ~ 145+11 Rt.

BARBED WIRE FENCE - 4 STRAND
146+90 Rt - 148+0 Rt

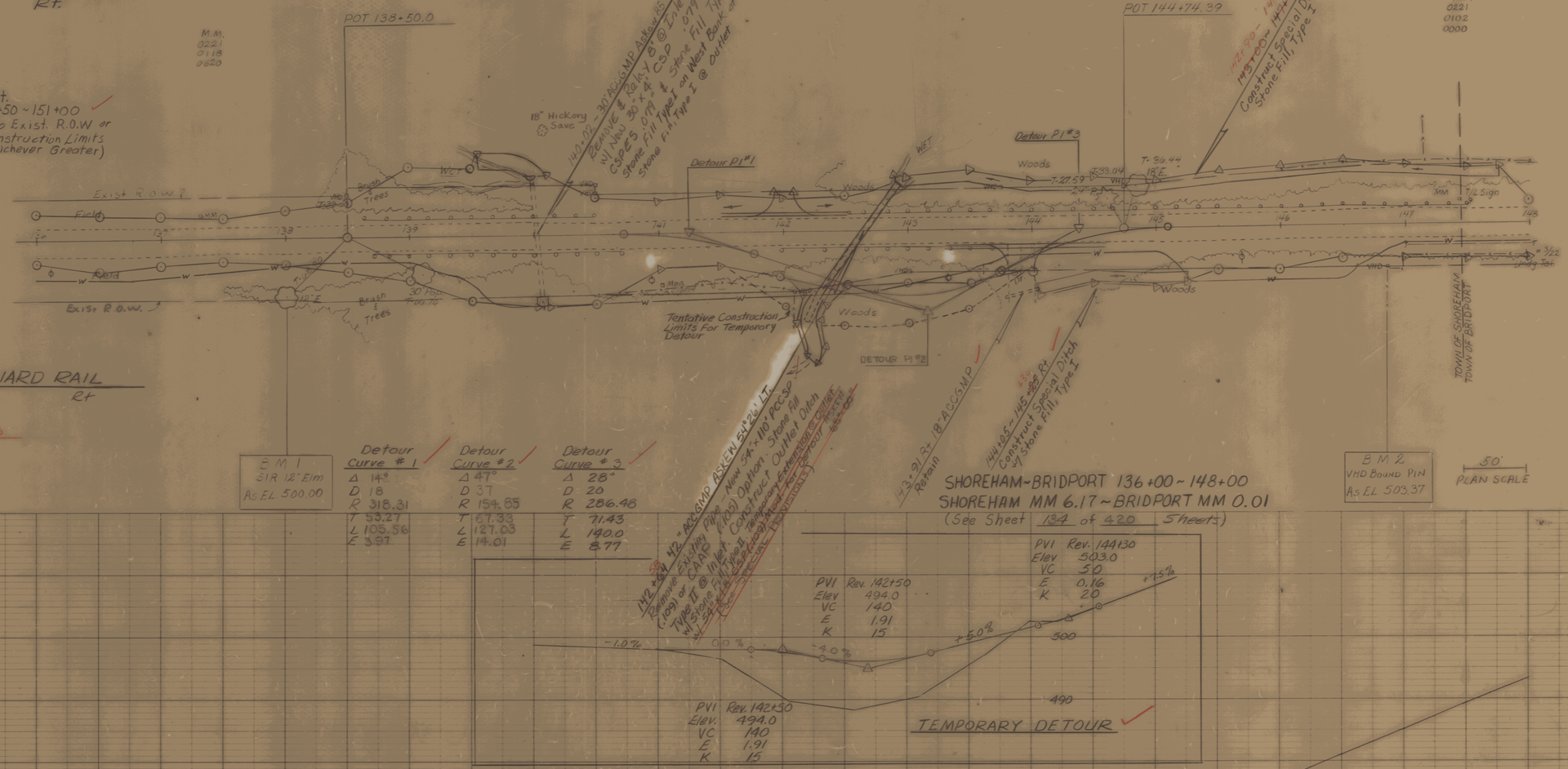


PLATE 1 SINGLE PLAN - PROFILE
CHARLES BRUNING CO.

SHOREHAM-BRIDPORT-ADDISON
F 017-1(2)
Sheet 135 of 420

SHEET 135 OF 477

FED. ROAD DIST. NO.	STATE	F.A.S. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
S		18-BR)1940		66	67

RELOCATE MAILBOX, SINGLE SUPPORT
156+25 Lt.
157+50 Lt

REMOVAL OF EXISTING FENCE
148+50 Lt. - 149+80 Rt.

BARBED WIRE FENCE - 4 STRAND
148+50 Rt - 149+80 Rt.

REMOVAL OF EXISTING FENCE (NON-PAINT)
148+00 - 148+50 Rt.

N

SEE SHEET 137 OF 420 SHEETS

SEE SHEET 137 OF 420 SHEETS

~~Pl 152+59.7~~
~~152+59.0~~
Rev Pl 152+67.92 =
152+67.82

148+00 - 153+00 Lt. 300' Std. Underdrain
Retain

153+90 Lt.
FIELD DRIVE

~~JOHN E WRIGHT~~

~~Δ 2°-09' Rt~~
~~D 0°-15'~~
~~R 22918.3~~
~~T 430.1~~
~~L 860.1~~
~~E 4.0~~

Δ = 2°-08' Rt
D = 0°-15'
R = 22918.32
T = 426.12
L = 853.33
E = 3.97
L.C. = 853.28

~~JOHN E WRIGHT~~

Rev Pt 154+94.54
RT 154+89.6
156+92.9
Eq -3.3 Ft.
Back

148+20 - 153+00 Rt. 480' Std. Underdrain
Retain

Rev P.I. 148+4120
PC 148+29.6

~~PARCEL~~	~~INSTRUMENT~~	~~DATE~~	~~GRANTOR~~	~~GRANTEE~~	~~RECORDED BRIDPORT~~		~~REMARKS~~
					~~BOOK~~	~~PAGE~~	~~DATE~~
~~A-B~~	~~W.D~~	~~9-7-38~~	~~JOHN E & LOIS WRIGHT~~	~~ST OF VT~~	~~20~~	~~220-22~~	~~9-16-38~~

BRIDPORT 151+00 ~ 157+00
MM 0.07 ~ MM 0.18

EXCESS EQUATION -3.3 Ft.

~~148+00~~
~~ABUT CE~~
~~146.50~~

STA 148+50 To 151+00
15" Std. Type of Stone Modified

STA 151+50 To 154+00
15" Std. Type of Stone Modified

~~Transition for Change in Thickness of Sub Base~~

~~Transition for Change in Thickness of Sub Base~~

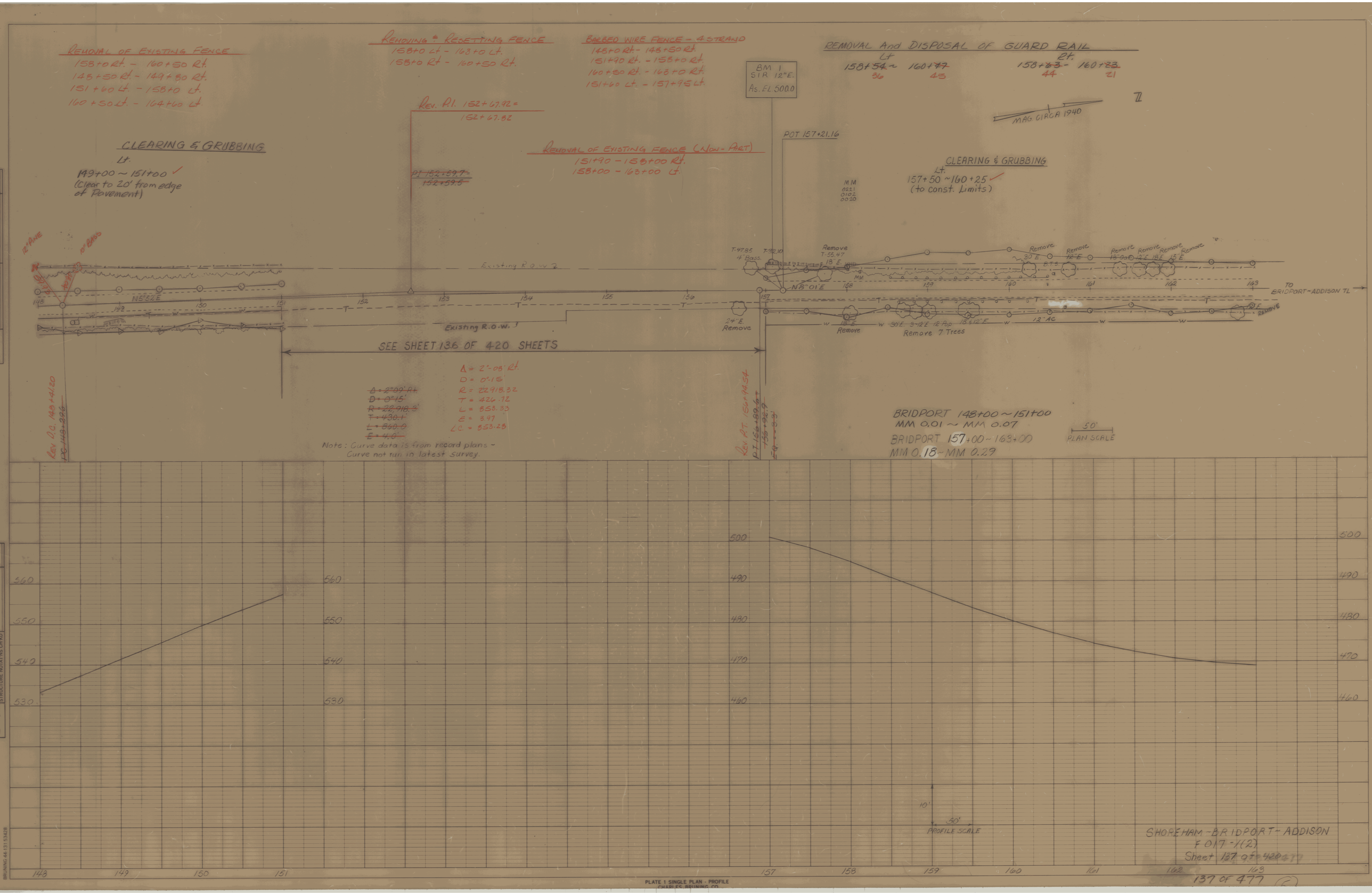
PLAN
SURVEYED
PLOTTED
NOTE BOOK
BT. CK. NO.
ALIGNMENT CHECKED
PROFILE CHECKED
TRACED

A.D. Road - E.Line
A.J. Miller
Bemis - Gibson
K.M. Bailey
Mar. '38

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
GRADES CHECKED
S. M.A. NOTES
STRUCTURE NOTES
CK'D.

A.D. Road - E.Line
A.J. Miller
Bemis - Gibson
K.M. Bailey
Mar. '38
7/11/38
7/11/38

F017-1(2)
SHEET 136 OF 420
SHEET 136 OF 477



REMOVAL OF EXISTING FENCE
158+0 Rt. - 160+50 Rt.
148+50 Rt. - 149+80 Rt.
151+60 Lt. - 158+0 Lt.
160+50 Lt. - 164+60 Lt.
REMOVING & RESETTING FENCE
158+0 Lt - 163+0 Lt.
158+0 Rt - 160+50 Rt.
BARBED WIRE FENCE - 4 STRAND
148+0 Rt. - 148+50 Rt.
151+90 Rt. - 158+0 Rt.
160+50 Rt. - 163+0 Rt.
151+60 Lt. - 157+95 Lt.
REMOVAL And DISPOSAL OF GUARD RAIL
Lt
158+54 ~ 160+47
36 45
Rt.
158+63 - 160+23
44 21
BM 1
SIR 12" E.
As. EL 500.0
MAG. CIRCA 1940
Rev. P.I. 152+67.92 =
152+67.82
CLEARING & GRUBBING
Lt.
149+00 ~ 151+00
(Clear to 20' from edge of Pavement)
PI 152+59.7 =
152+59.5
REMOVAL OF EXISTING FENCE (NON-PART)
151+90 - 158+00 Rt.
158+00 - 163+00 Lt.
POT 157+21.16
MM
0221
0102
0020
CLEARING & GRUBBING
Lt.
157+50 ~ 160+25
(to const. Limits)
12" PINE
10" BASS
Existing R.O.W.
N5°52'E
N8°01'E
Remove
T-47.85
4" Bass.
T-32.10
T-55.47
18" E.
Remove
30" E.
Remove
12" E.
Remove
18" Oak
Remove
12" E.
Remove
18" E.
Remove
15" E.
TO BRIDPORT ~ ADDISON TL
24" E.
Remove
Remove
Remove 7 Trees
12" AC
Existing R.O.W.
SEE SHEET 136 OF 420 SHEETS
Δ = 2°-08' Rt.
D = 0°-15'
R = 22918.32
T = 426.72
L = 853.33
E = 3.97
LC = 853.28
Note: Curve data is from record plans - Curve not run in latest survey.
BRIDPORT 148+00 ~ 151+00
MM 0.01 ~ MM 0.07
BRIDPORT 157+00 ~ 163+00
MM 0.18 ~ MM 0.29
50'
PLAN SCALE
560
550
540
530
500
490
480
470
460
10'
50'
PROFILE SCALE
148
149
150
151
157
158
159
160
161
162
163
SHOREHAM - BRIDPORT - ADDISON
F 017-1(2)
Sheet 137 of 420
137 OF 477
PLATE 1 SINGLE PLAN - PROFILE
CHARLES BRUNING CO.

FED. ROAD DIST. NO.	STATE	F.A.S. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	18-B(1)	1940	7	67

Removing and Resetting Fence
~~163+00 Lt. - 165+00 Lt.~~
158+00 Lt. - 168+00 Lt.
158+00 Rt. - 160+50 Rt.

Temporary Barbed Wire Fence (4 Strand)
~~163+00 Lt. - 165+00 Lt.~~ 163+0 Rt. - 164+60 Rt
158+00 Lt. - 168+00 Lt. 165+0 Lt. - 172+15 Lt.
158+00 Rt. - 160+50 Rt.

REMOVAL OF EXISTING FENCE
LT 163+00 ~ 165+00 (NON-PART.)
RT

REMOVAL & DISPOSAL OF GUIDE POSTS
178+50 Lt. - 175+00 Lt.

REMOVAL OF EXISTING FENCE (NON-PART.)
163+00 - 172+15 Lt.

SEE SHEET 137 OF 420 SHEETS

~~JOHN E. WRIGHT~~

163+76 18" x 44' RCP Retain REMOVE HEADWALL & WING, 12' OF 18" RCP FROM OUTLET. EXTEND OUTLET W/ NEW 24" x 20' RCCP

169+78 24" CMP Retain NEW 24"x10' RCCP

~~JOHN E. WRIGHT~~

172+75 15" x 24' ACCESS CMP Retain NEW 15" x 40' CSP

172+60 = 172+50 Field P.I.

PDT 173+34.8

SEE SHEET 139 OF 420

Tan. PC 173+60.8

~~PARCEL~~	~~INSTRUMENT~~	~~DATE~~	~~GRANTOR~~	~~GRANTEE~~	~~RECORDED BRIDPORT~~	~~REMARKS~~
E-	W.D.	~~3-1-38~~	~~JOHN E. & LOIS WRIGHT~~	~~STATE OF VT.~~	~~BOOK 20 PAGE 22~~ BOOK 20 PAGE 22	~~DATE 3-16-38~~

BRIDPORT 163+00 ~ 173+00
MM 0.29 ~ MM 0.49

STRUCTURE NO. 67 (W.B. CVHD)

SHOREHAM-BRIDPORT-ADDI
F017-1(2)
Sheet 138 of 420
SHEET 138 OF 477

REMOVAL & DISPOSAL OF ~~50~~ 75 GUIDE POSTS

173+41 Lt. ~ 175+57 Lt.
259+22 Rt. ~ 259+60 Rt.

CLEARING & GRUBBING

Lt. 174+50 ~ 175+15 (To Const. Limits)
Rt.

Removing & Resetting Fence

~~259+35 Lt. ~ 261+40 Lt.~~
258+50 Rt ~ 261+~~45~~ 75 RT

Temporary Barbed Wire Fence (4 Strand)

~~259+35 Lt. ~ 261+40 Lt.~~
258+50 Rt ~ 261+45 Rt

REMOVAL OF EXISTING FENCE

LT	RT
~~259+35 ~ 261+40~~ (NON-PART.)	258+50 ~ 261+~~45~~ 75

REMOVAL OF EXISTING FENCE (NON-PART)
259+25 - 262+15 Lt.

BM #1 SIR 12"E. Assu. Elev. 500.00

Rev P.I. 176+98.80 = 176+53.08

PI 176+85 = = 176+61.6

176+40 Lt. & Lt. End Return = 1/8 Swing C&G

Exist. R.O.W.

Red Pipe Water Line Marker

12" Cherry

Field Dr.

Guide Posts

12" E (Saw)

Trees

Brush

12" AC.

T-14.74 T-10.75 T-14.57

POT 172+60.0 = POT 172+50.0 Eq = +10.0

T-19.74 T-13.25 T-13.00

POC 177+00.0

Rev P.I. 179+47.97

PT 179+86.61

Rev P.C. 179+53.61

Curve Data

~~Δ = 37°-31' Rt~~
~~D = 6°-00'~~
~~R = 954.93~~
~~T = 324.5~~
~~L = 625.3~~
~~E = 53.6~~
~~27'-L = 23.7~~

Δ = 35°-11'-00" Rt.
D = 5°-45'
R = 996.45
T = 344.89
L = 644.06
E = 58.00
L.C. = 651.84

BRIDPORT
MM 0.49 ~ MM 0.56 (Sta 173+0 ~ 177+0) See Sheets 138 & 140 of 420
MM 4.88 ~ MM 4.96 (Sta. 258+0 ~ 262+0) See Sheet 161 of 420

POT 168+50.00

T-33.00 HHO Boundo T-22.75

REMOVAL AND DISPOSAL OF GUARD RAIL

259+~~66~~ 68 Lt. ~ 261+~~33~~ 36 Lt.

CLEARING & GRUBBING

Lt. 259+27 ~ 261+33 (to Const. Limits)
Rt. 259+41 ~ 259+90 (to Const Limits)

259+48 Remove & Reset 6'-3" x Existing 36" CMP (Corr.) ~ Retain, Remove Inlet Headwall & Extend w/ New 36"x4' RCP(C III) & RCP End Section, Extend Outlet w/ New 36"x16' RCP(C III), Ditch Inlet & Outlet w/ Stone Fill, Type II

POT 260+99.0 6'-3" x Existing 24" RCP (Corr.) ~ Retain, Remove & Reset 4' Existing Pipe @ Outlet & Extend w/ New 24"x16' RCP(C III) Remove Headwall @ Inlet & Extend w/ New RCP End Section, Ditch Inlet & Outlet w/ Stone Fill, Type II

MAG 1939

Exist. R.O.W. Lawn

Brush

2-AC

Trees

POT 258+74.6

BM #1 SIR 18"E Sya. Assu. Elev. 500.00

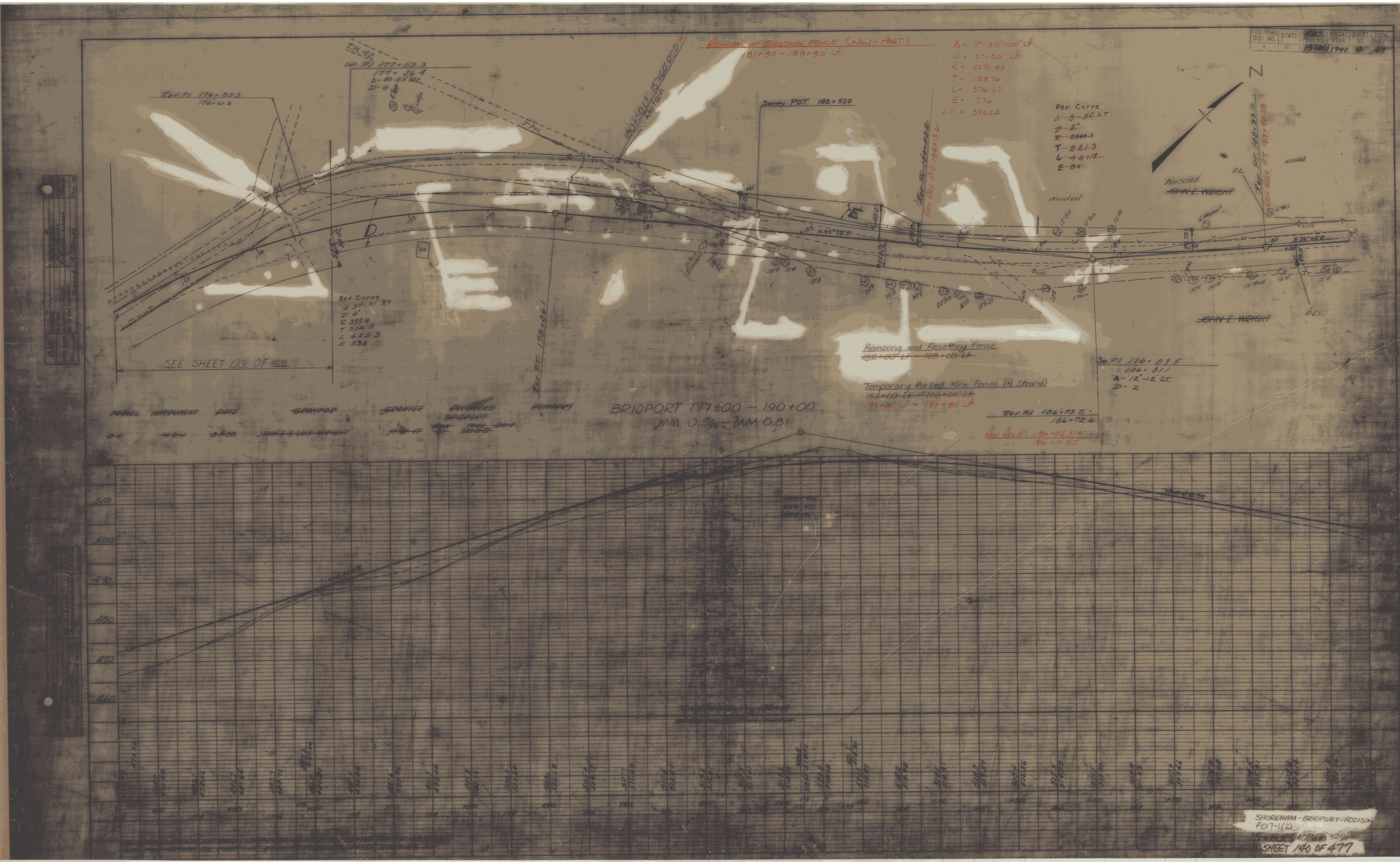
50 Feet Scale

Scale in Feet

SHOREHAM - BRIDPORT - ADDISON
F017-1(2)
SHEET 139 of 420
SHEET 139 OF 477

PLATE 1 SINGLE PLAN - PROFILE
CHARLES BRUNING CO.

BRUNING 44-131 53428



FED. ROAD DIST. NO. 9
STATE VT.
F.A.S. PROJ. NO. 18-B(1)
FISCAL YEAR 1940
SHEET NO. 8
TOTAL SHEETS 67
REMOVAL OF EXISTING FENCE (NON-PART.)
181+80 - 188+80 Lt.
Δ = 9°-25'-00" Lt.
D = 2°-30' Lt.
R = 2291.83
T = 188.76
L = 376.67
E = 7.76
L.C. = 376.24
T.H. 42
Sur. P.I. 177+55.3
177+26.4
Δ - 40-05 Rt.
D - 6
Rev. P.I. 176+85.3
176+61.6
180+50 Lt. 15"x60' RCP Retain
Survey P.O.T. 182+51.0
Rev. Curve
Δ 8-50 Lt
D 2°
R 2864.9
T 221.3
L 441.7
E 8.5
Rev. Curve
Δ 37-31 Rt
D 6°
R 955.4
T 324.5
L 625.3
E 53.6
SEE SHEET 139 OF 420
Rev. P.T. 179+86.1
Removing and Resetting Fence
182+00 Lt ~ 188+00 Lt.
Temporary Barbed Wire Fence (4 Strand)
182+00 Lt. ~ 188+00 Lt.
Sur. P.I. 186+83.5
186+81.1
Δ - 12°-12' Lt.
D - 2
Rev. P.I. 186+73.5 =
186+72.6
Rev. Rev. P.I. 186+02.37 =
186+01.52
Rev. P.T. 188+93.9
Rev. Rev. P.T. 187+90.28
Wooded
JOHN E. WRIGHT
N
PARCEL
INSTRUMENT
DATE
GRANTOR
GRANTEE
RECORDED BRIDPORT
REMARKS
D-E
W-D
3-7-38
JOHN E. & LOIS WRIGHT
ST. OF VT.
BOOK 20
PAGE 220-21-22
DATE
BRIDPORT 177+00 ~ 190+00
MM 0.56 ~ MM 0.81
510
500
490
480
470
460
SHOREHAM - BRIDPORT - ADDISON
F017-1(2)
SHEET 140 OF 420
SHEET 140 OF 477

~~PARCEL~~	~~INSTRUMENT~~	~~DATE~~	~~GRANTOR~~	~~GRANTEE~~	~~RECORDED BRIDPORT BOOK~~	~~PAGE~~	~~DATE~~	~~REMARKS~~
~~A~~	~~QCD~~	~~9-7-38~~	~~T.D. A.P. & MARY SUNDERLAND~~	~~ST OF VT.~~	~~20~~	~~210-19~~	~~9-10-38~~	~~Col. Sta. 296+00~~

CONSTRUCT TURNOUT (Mailbox)
199+~~80~~ ~ 200+30 Lt.
60 15

CONSTRUCT DRIVE
201+13 Lt. (20' Wide) GRAVEL
193+64 Lt. (16' Wide) GRAVEL

RELOCATE MAILBOX, SINGLE SUPPORT
~~200+05 Lt~~
199+90 Lt
201+10 Rt

REMOVAL OF EXISTING FENCE
200+35 Rt. - 204+0 Rt.

Removing and Resetting Fence
~~194+46 Lt. ~ 199+70 Lt~~

Temporary Barbed Wire Fence (4 Strand)
~~194+40 Lt. ~ 199+70 Lt~~

Rev. Curve
Δ 15-26 Lt
D 5
R 1146.3 1145.92
T 155.3 ~~2~~1
L 308.7 ~~6~~7
E 10.5 ~~4~~1

193+00 Lt ~ 193+50 Lt
Construct Special Ditch
(Common Excavation)

193+64 Lt
New 15" x 40' CSP
or
Extend ~~Existing~~ 15" CSP 64'

193+30 ~ 199+45 Lt.
Construct Special Ditch
(Common Excavation)

196+00 18'
Retain Extend ~~W/ Hood~~ 18" RCP
W/ Stone Fill Type II Mod.

~~RCP~~
Extend W/ New 24" x 1" CSP
@ Inlet - Remove H.W. & Extend
Outlet W/ 18" x 4' RCP

Rev. P.I. 198+14.46

193+56 15" x 56' RCP
Askew 65° 00 FT ~ Remain
Remove H.W. & 4'0" CSP
@ Inlet W/ New 18" x 10' RCP
@ Outlet W/ New 15" x 10' RCP

Rev. P.T. 201+19.14

201+13 Lt 15" CMP
New 17" x 13" 40' CSP Equiv.
(0.06%)

Rem. Sta. 202+44.60
Sur. Sta. 202+44.60
Remove

Wooded

~~MARY L. & T.D. SUNDERLAND~~

Spring Tub (Galv)

~~MARY L. & T.D. SUNDERLAND~~

194+40 Rt.
New 15" x 40' CSP

Rev. P.I. 199+66.0
199+64.1
45.75
45.37

200+00 Rt.
New 18" x 40' CSP

Und. Tel. (Contel)

Sur. P.I. 200+62.9
200+61.4
A 14=38' Lt

BRIDPORT 190+00 ~ 204+00
MM 0.81 ~ MM 1.07

PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
DRAWN BY LANE
CHECKED
ACCOUNT CHECKED
RT. OF WAY CHECKED
Traced
May '38

NOTES
ALL ELEVATIONS GIVEN ARE TO
BASE OF RAIL
STRUCTURE NOTATIONS CHECKED

SHO
FO

FED. ROAD DIST. NO.	STATE	F.A.S. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.		18 B(1) 1990	10	67

~~Removing and Resetting Fence~~
~~214+64 Rt. ~ 215+50 Rt.~~

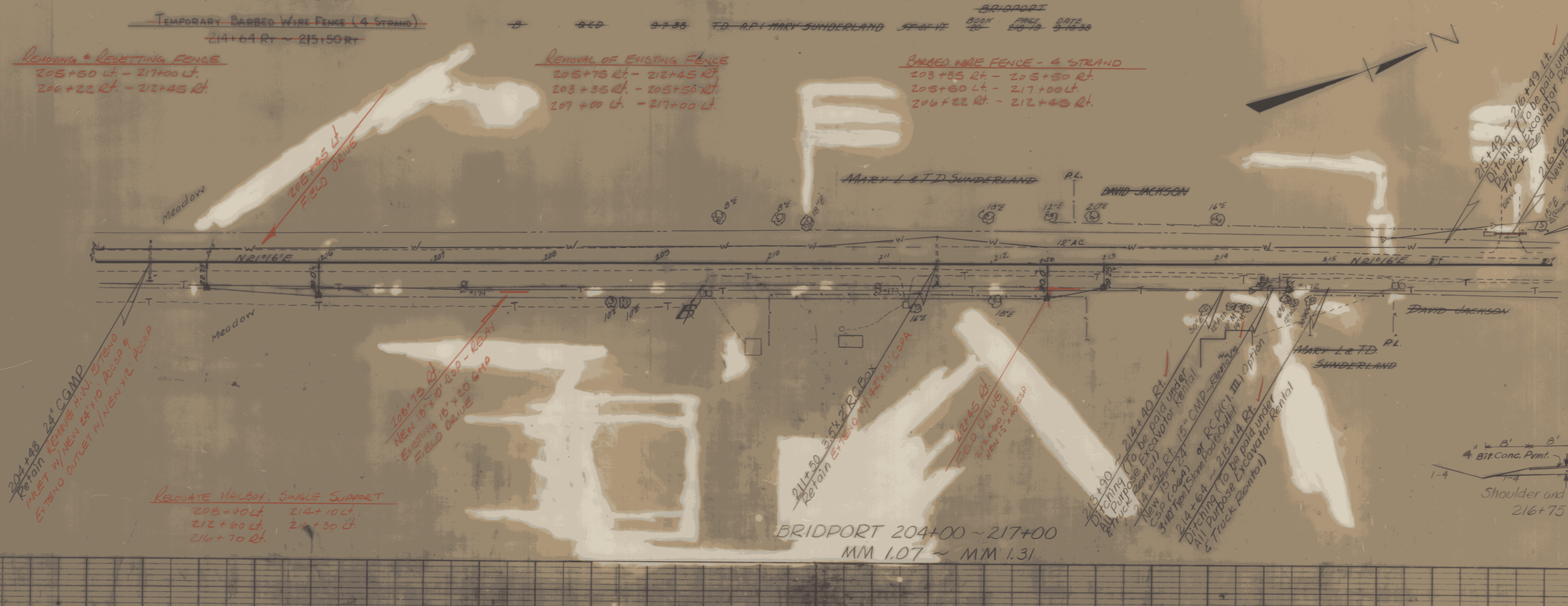
~~Temporary Barbed Wire Fence (4 Strand)~~
~~214+64 Rt ~ 215+50 Rt~~

~~PARCEL~~	~~INSTRUMENT~~	~~DATE~~	~~GRANTOR~~	~~GRANTEE~~	~~RECORDED BRIDPORT~~ BOOK	PAGE	DATE	~~REMARKS~~
~~B~~	~~QCD~~	~~9-7-38~~	~~TO A.P.& MARY SUNDERLAND~~	~~ST OF VT~~	10	210-19	9-16-38	

Removing & Resetting Fence
205+50 Lt. - 217+00 Lt.
206+22 Rt. - 212+45 Rt.

Removal of Existing Fence
205+75 Rt. - 212+45 Rt.
203+35 Rt. - 205+55 Rt.
207+00 Lt. - 217+00 Lt.

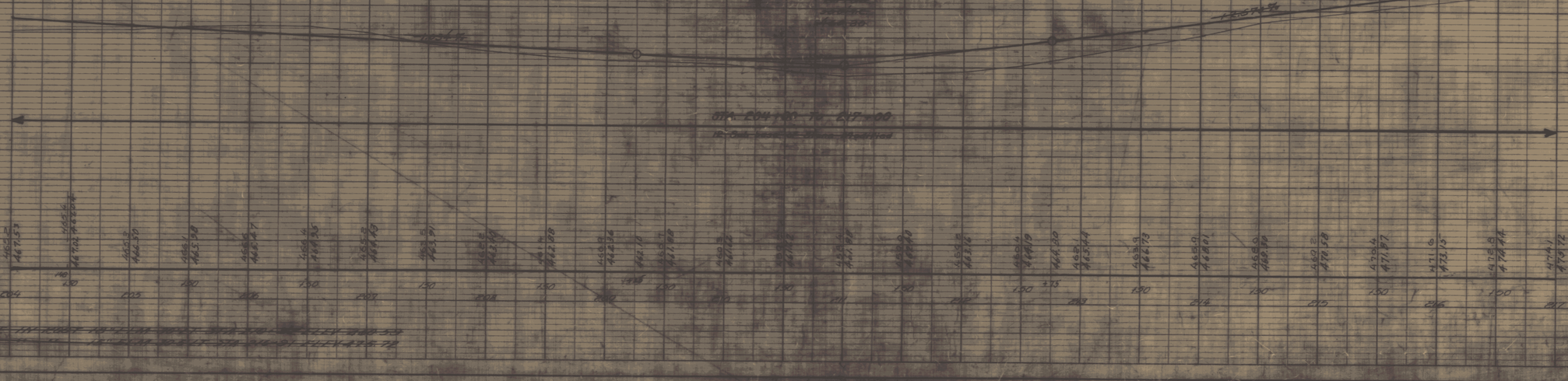
Barbed Wire Fence - 4 Strand
203+85 Rt. - 205+50 Rt.
205+60 Lt. - 217+00 Lt.
206+22 Rt. - 212+45 Rt.



Relocate Mailbox, Single Support
205+90 Lt. 214+10 Lt.
212+60 Lt. 214+30 Lt.
216+70 Lt.

Shoulder and Ditch Typical
216+75 Lt ~ 219+25 Lt.

BRIDPORT 204+00 ~ 217+00
MM 1.07 ~ MM 1.31



SHOREHAM-BRIDPORT-ADDISON
F017-1(2)
SHEET 142 OF 420
SHEET 142 OF 477

U.S. ROAD DIST. NO.	STATE	F.A.S. ROUTE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
8	NY		18-B(1) 1940	11	67

~~PARCEL INSTRUMENT DATE GRANTOR GRANTEE RECORDED REMARKS~~

~~A Q.C. 8-10-39 DAVID & BERNICE JACKSON ST OF NY BRIDPORT BOOK 26 PAGE 126-39 DATE 8-14-39~~

Removing and Resetting Fence
~~230+00 Lt ~ 230+50 Lt~~

Temporary Barbed Wire Fence (4 Strand)
~~230+00 Lt ~ 230+50 Lt~~
~~217+00 Lt ~ 218+00 Lt~~

REMOVAL OF EXISTING FENCE

LT	RT
~~230+00 ~ 230+50~~	
~~217+00 ~ 218+00~~	

~~Δ 14°25' Lt~~
~~D 4°~~
~~R 1432.7'~~
~~T 181.2'~~
~~L 360.4'~~
~~E 11.4~~

Δ = 14°-27'-00"
D = 4°
R = 1432.40
T = 181.59
L = 361.25
E = 11.89
LC = 360.29

~~PT 221+81.43~~
~~Elev PAT 230+49.84~~
~~Elev POT 220+88.80~~
~~30' - 30.86'~~

~~DAVID JACKSON~~

~~MARY L & T D SUNDERLAND~~

~~Rev PI 218+64.18 = 218+42.25~~

~~PI 218+95.5 = 213+93.5~~

BRIDPORT 217+00 ~ 233+00
MM 1.31 ~ MM 1.62

230+25 24" RCP
Retain, Relay & Extend w/ Headwall
& CRADLE HEADWALL NEW 50'± @ 2.0%
230+25 Lt
Remove, Clean Out and Reset 30" RCP
W/ New Concrete Cradle thru 20' Stone Fill
Reset 20' Type II pad@Outlet

232+00 Rt 15" CMP
Retain, Relay & Extend w/ 15" CMP

232+35 24" CMP
Retain & Extend w/ New 24'± @ 5.0%

~~Remove Lt Hed Drive~~

~~Rt 24" RCP~~
~~Retain~~

~~PI 221+80~~
~~500' VC~~
~~E 80.00~~

~~PI 217+00~~
~~300' VC~~
~~E 80.00~~

~~233+00~~
~~Stone Modified~~

SHOREHAM - BRIDPORT
F017-1(2)
SHEET 143 OF 420
SHEET 143 OF 477

RELOCATE MAILBOX - SINGLE SUPPORT
240+75 Lt. 240+00 Rt.

BARBED WIRE FENCE - 4 STRAND
242+50 Lt. - 246+00 Lt.
241+60 Rt. - 246+00 Rt.

BREAK AWAY CABLE TERMINAL
240+75 Rt. - 241+00 Rt.

REMOVING & RESETTING FENCE
242+00 Lt. - 246+00 Lt.

STEEL BEAM GUARD RAIL
241+00 Rt. - 243+00 Rt.
242+00 Lt. - 248+00 Lt.

REMOVAL & DISPOSAL OF GUARD RAIL
243+00 Rt. - 247+87 Rt.
248+06 Lt. - 247+29 Lt.

RELOCATE MAIL BOX, SINGLE SUPPORT
240+75 Lt

FED. ROAD DIST. NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
VT.		F.A.S. 1740	12	67

12.80

DAVID JACKSON

N

N6°51'E

12" AC

240+36 12" CGMP Retain

240+00.00
P.O.T. 239+89.9

240+45 Lt
New 15" x 24" CSP

242+50 24" RCP
Retain & Extend w/ New 24" RCP
RCB Headwall & Cutter
Type 1 Stone Pad @ Outlet 6'x8'

REMOVE H.W. & @ OUTLET EXTEND
INLET N/ 24" RCP
N/ NEW 30" x 5" CSP

P.O.T. 243+87.00
Δ - 01-23'-00" Rt. N6 CULVERT RUN

245+42 18" RCP
Retain REMOVE H.W. & 12" @ OUTLET EXTEND
INLET N/ 18" x 8" RCP
NEW 24" x 12" PLCSP

18" E 6" Elm

4-6" Elms

REMOVAL OF EXISTING FENCE (NON-ART)
242+50 - 246+50 Lt.
243+00 - 248+00 Rt.

BRIDPORT 233+00 ~ 248+00
MM 1.62 ~ MM 1.90

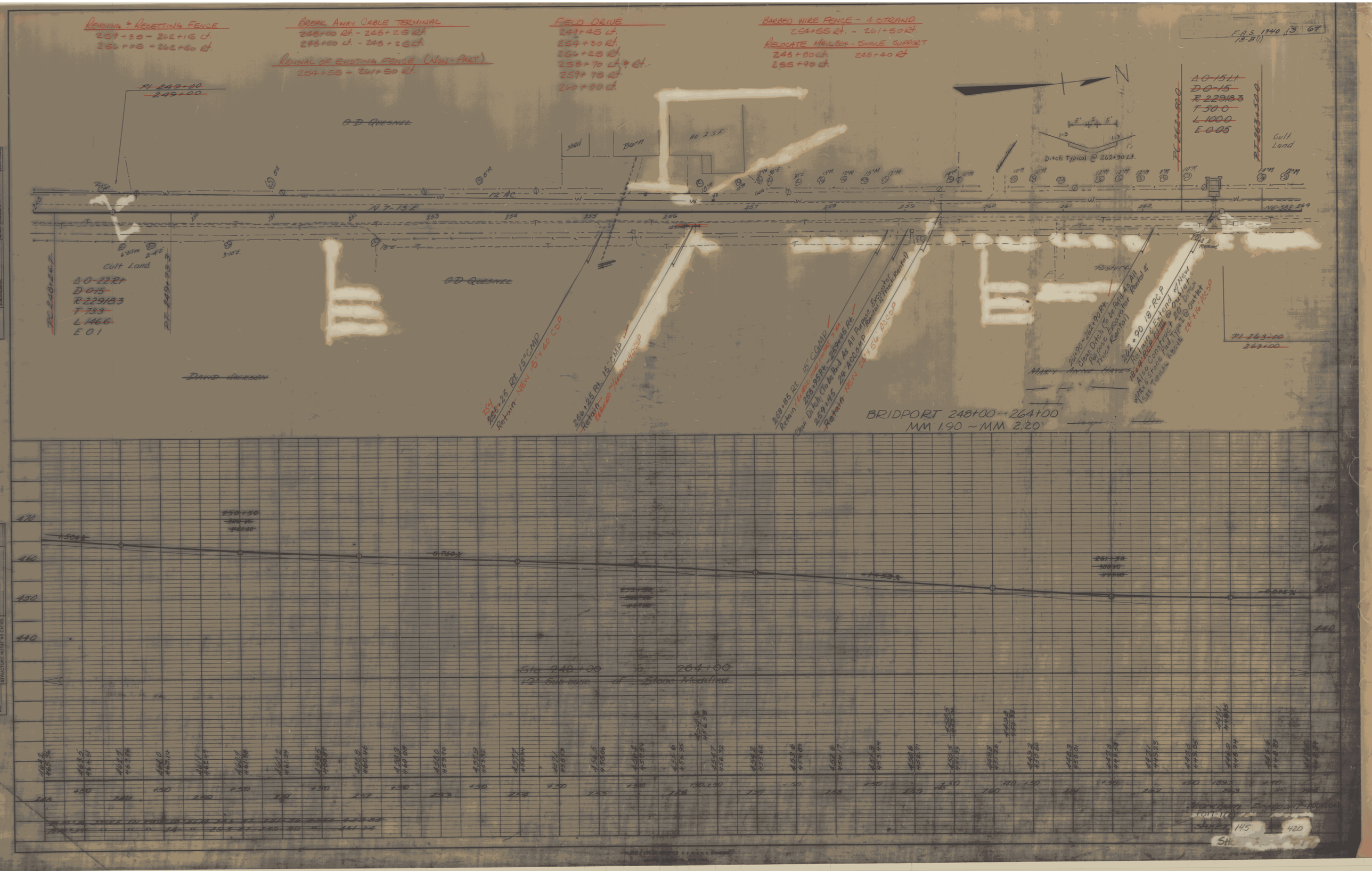
470
460
450

~~235+75 300'VC 461.50~~
~~+3.88%~~
~~233+25 300'VC 473.88~~
~~+1.68%~~
~~242+25 300'VC 468.40~~
~~-0.10%~~
~~246+25 300'VC 468.00~~
~~-1.95%~~

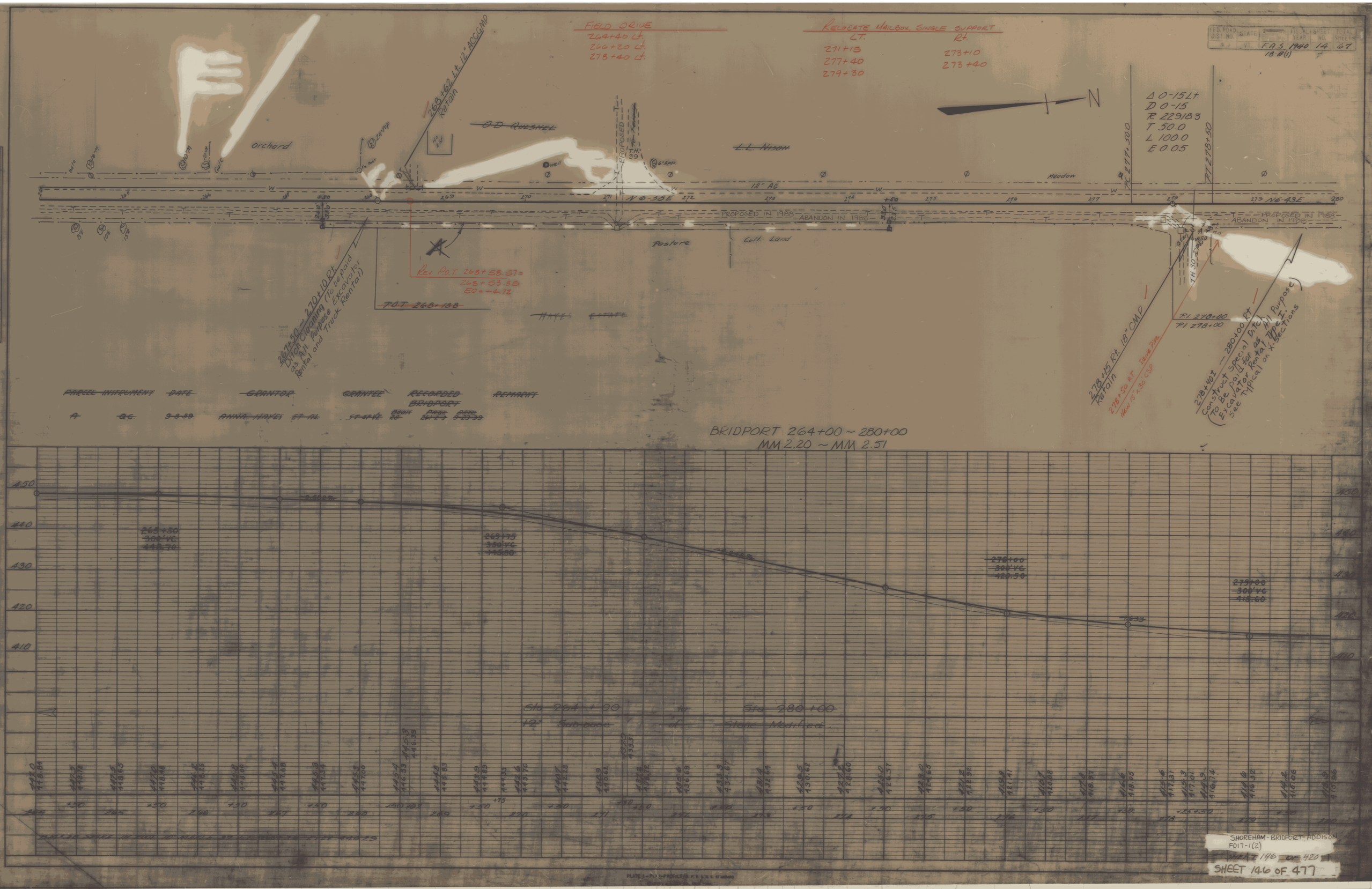
~~Sta 233+00~~ to ~~Sta 248+00~~
12" Subbase of Stone Modified

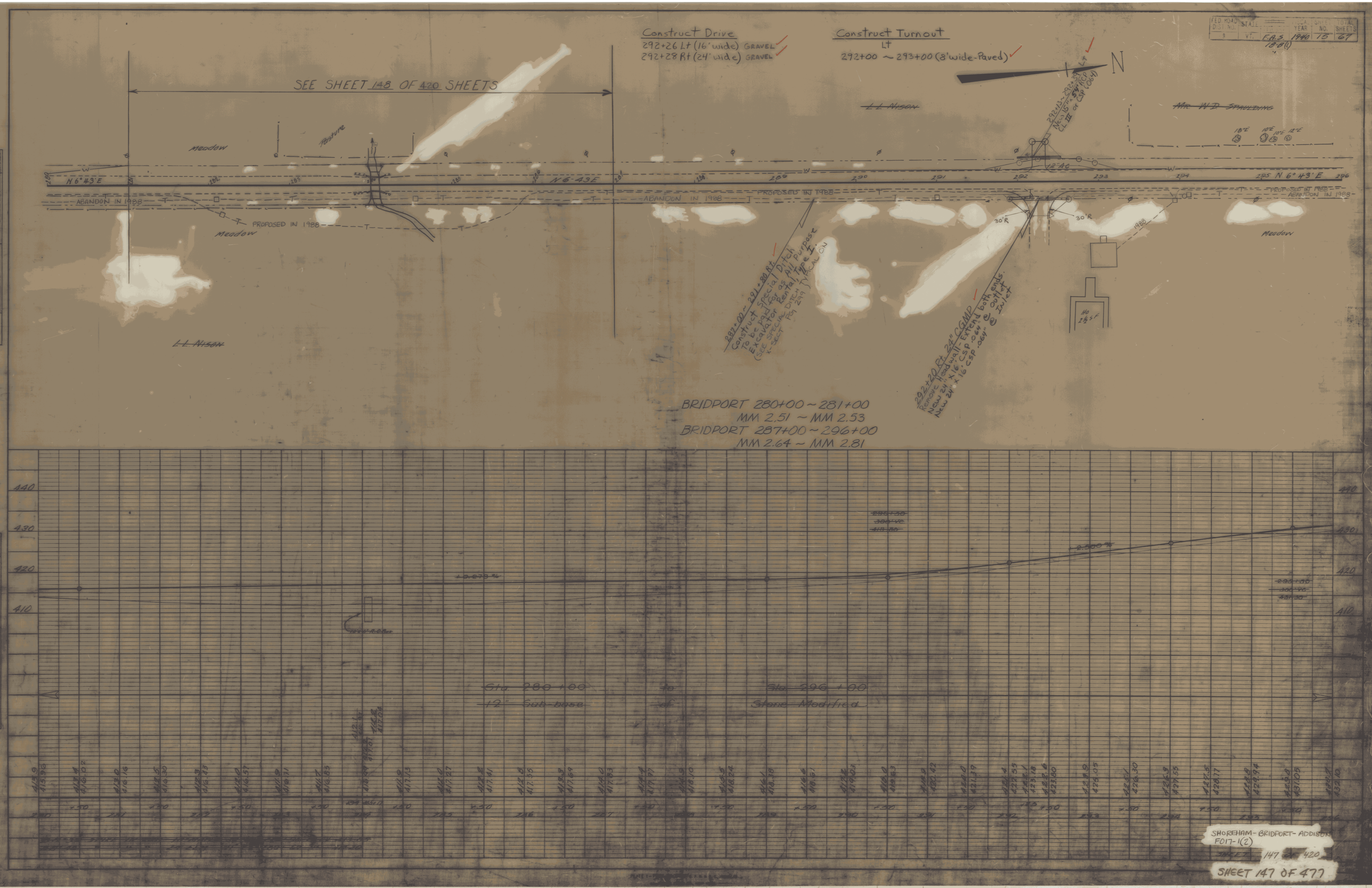
EOW=1(C)

SHEET 144 OF 420
SHEET 144 OF 67



Removing & Resetting Fence
259+35 - 262+16 Lt.
256+05 - 262+40 Rt.
Break Away Cable Terminal
248+00 Rt. - 248+25 Rt.
248+00 Lt. - 248+25 Lt.
Removal of Existing Fence (Non-Part.)
254+55 - 261+50 Rt.
Field Drive
249+45 Lt.
254+30 Rt.
256+25 Rt.
258+70 Lt. & Rt.
259+75 Rt.
260+00 Lt.
Barbed Wire Fence - 4 Strand
254+55 Rt. - 261+50 Rt.
Relocate Mailbox - Single Support
248+80 Lt. 248+40 Rt.
255+90 Lt.
F.A.S. 1940 13 67
18-B(1)
PI 249+00
249+00
O D Quesnel
Shed
Barn
Ho 25F
Ditch Typical @ 262+90 Lt.
Δ 0-15 Lt.
D 0-15
R 22918.3
T 50.0
L 100.0
E 0.05
PC 262+50.0
PT 263+50.0
Cult. Land
12" AC
N 7-13 E
N 6-58 E
Cult. Land
Δ 0-22 Rt.
D 0-15
R 22918.3
T 73.3
L 146.6
E 0.1
PC 248+26.7
PT 249+73.3
O D Quesnel
David Jackson
Pasture
Mary Anne Hayes
PI 263+00
263+00
BRIDPORT 248+00 ~ 264+00
MM 1.90 ~ MM 2.20
Sta 248+00 to 264+00
12" Sub base of Stone Modified
Shoreham - Bridport - Addison
Sheet 145 of 420


FIELD DRIVE
264+40 Lt.
266+20 Lt.
278+40 Lt.
RELOCATE MAILBOX, SINGLE SUPPORT
LT.
271+15
277+40
279+30
Rt.
273+10
273+40
FED. ROAD DIST. NO.
STATE
FISCAL YEAR
SHEET NO.
TOTAL SHEETS
F.A.S. 1940 14 67
18-B(1)
N
Δ 0-15 Lt.
D 0-15
R 229183
T 50.0
L 100.0
E 0.05
268+62 Lt. 12" ACCGMP
Retain
O.D. QUESNEL
L.L. NISON
Orchard
Meadow
12" AC
N 6-58E
N 6-43E
PROPOSED IN 1988
ABANDON IN 1988
Pasture
Cult. Land
Rev P.O.T. 268+58.57 =
268+53.85
EQ = +4.72
P.O.T. 268+18.8
HAYES ESTATE
267+50 ~ 270+10 Rt.
Ditch Cleaning (To be paid as All Purpose Excavator Rental and Truck Rental)
278+15 Rt. 18" CMP
Retain
278+50 RT
New 15" x 30' CSP
Drive Pipe
P.I. 278+00
278+40± ~ 280+00 Rt.
Construct Special Ditch (To Be paid for as All Purpose Excavator Rental, Type I. See Typical on X-Sections
PARCEL INSTRUMENT DATE GRANTOR GRANTEE RECORDED BRIDPORT REMARKS
A Q.C. 9-3-39 ANNA HAYES ET AL ST OF VT BOOK 20 PAGE 241-2-3 DATE 9-23-39
BRIDPORT 264+00 ~ 280+00
MM 2.20 ~ MM 2.51
265+50
300' VC
448.70
269+75
350' VC
445.80
276+00
300' VC
420.50
279+00
300' VC
418.60
Sta 264+00 to Sta 280+00
12" Sub-base of Stone Modified
SHOREHAM-BRIDPORT-ADDISON
F017-1(2)
SHEET 146 OF 420
SHEET 146 OF 477



FED. ROAD DIST. NO. 9
STATE VT.
F.A.S. 18-B(1)
FISCAL YEAR 1940
SHEET NO. 15
TOTAL SHEETS 67
Construct Drive
292+26 Lt (16' wide) GRAVEL
292+28 Rt (24' wide) GRAVEL
Construct Turnout
Lt
292+00 ~ 293+00 (8' wide-Paved)
N
SEE SHEET 148 OF 420 SHEETS
L.L. Nison
Mr. W.D. Spaulding
Meadow
Pasture
N 6° 43' E
ABANDON IN 1988
PROPOSED IN 1988
Construct Special Ditch To be paid for as All Purpose Excavator Rental, Type I. (See Special Ditch X-Sect Pg 299 Typical on)
292+20 Rt. 24" CGMP Remove Headwall - Extend both ends. New 24" x 16' CSP .064" @ Outlet New 24" x 16' CSP .064" @ Inlet
BRIDPORT 280+00 ~ 281+00
MM 2.51 ~ MM 2.53
BRIDPORT 287+00 ~ 296+00
MM 2.64 ~ MM 2.81
Sta. 280+00 to Sta. 296+00
12" Sub-base of Stone Modified
SHOREHAM - BRIDPORT - ADDISON
F017-1(2)
SHEET 147 OF 420
SHEET 147 OF 477

BREAKAWAY CABLE TERMINAL

LT.			RT.		
282+04	~	282+29 ✓	~~280+79~~	~	~~281+04~~
286+92	~	287+17 ✓	~~285+92~~	~	~~286+17~~
			281+29	-	281+54
			285+92	-	286+17

STEEL BEAM GUARD RAIL

LT.			RT.		
282+28	~	283+79 ✓	281+04 (54)	~	283+~~79~~
284+42	~	~~286+92~~	284+42	~	~~286+92~~ ✓

MAG CIRCA 1940

TBM
SW Corn
Hdwl
As. El. 501.5

BRIDGE RAILING - HEAVY DUTY STEEL BEAM / FASCIA MOUNTED

LT.	RT.
284+04.25 - 284+16.75 ✓	284+04.25 - 284+16.75 ✓

REMOVAL AND DISPOSAL OF GUARD RAIL

LT.	RT.
~~283+04 ~ 285+07~~ ✓	~~283+04 ~ 285+07~~ ✓
~~282+88~~ 282+88 ~ 284+00	282+88 ~ 284+97

GEOTEXTILE FABRIC FOR SILT FENCE

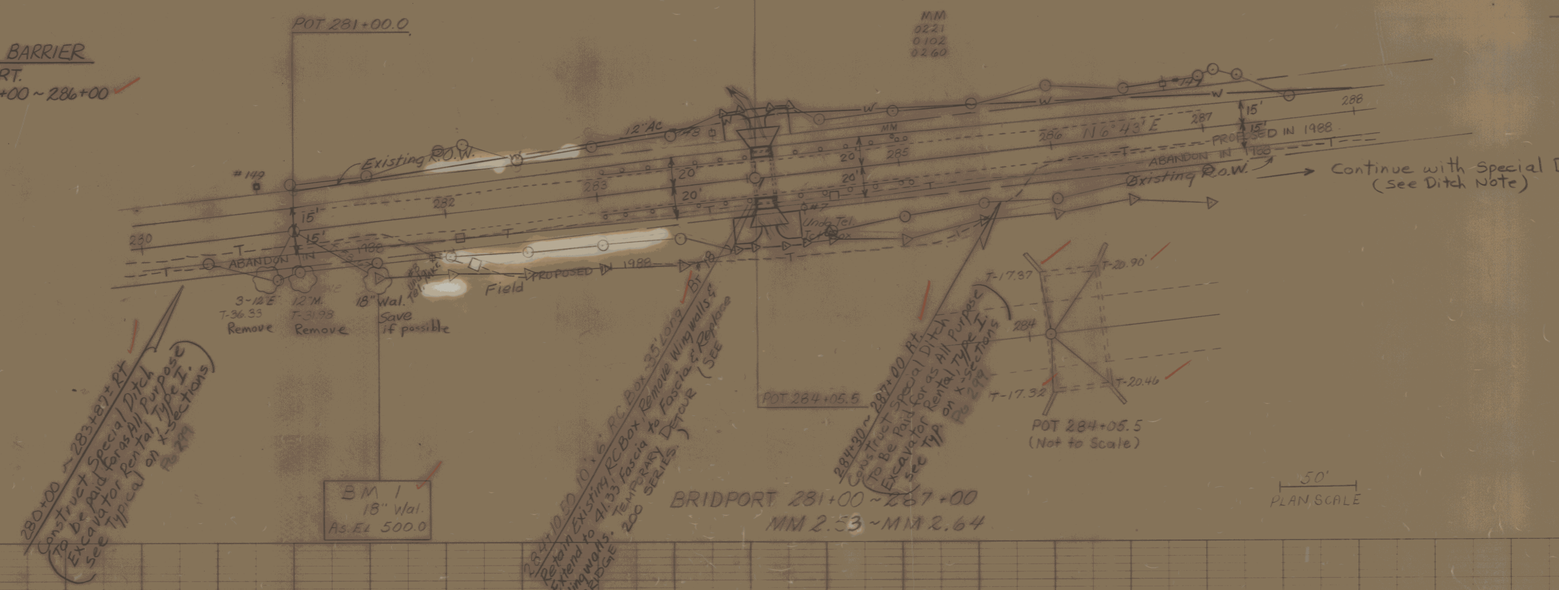
LT	RT
281+50 ~ 285+50 ✓	282+50 ~ 287+00 ✓

HEAVY DUTY STEEL BEAM GUARD RAIL

LT	Rt
283+79 ~ 284+04 ✓	283+79 ~ 284+04 ✓
284+17 ~ 284+42 ✓	284+17 ~ 284+92 ✓

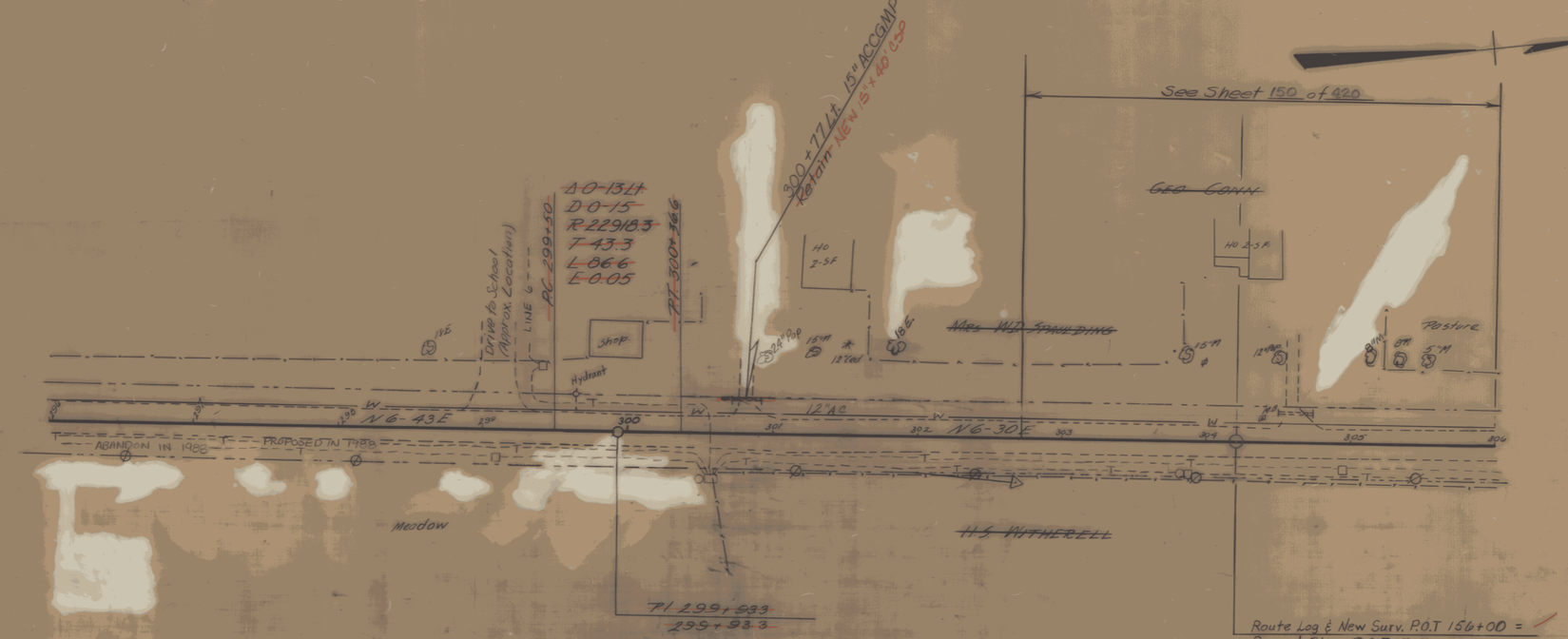
TEMPORARY TRAFFIC BARRIER

LT.	RT.
282+00 ~ 286+00 ✓	282+00 ~ 286+00 ✓

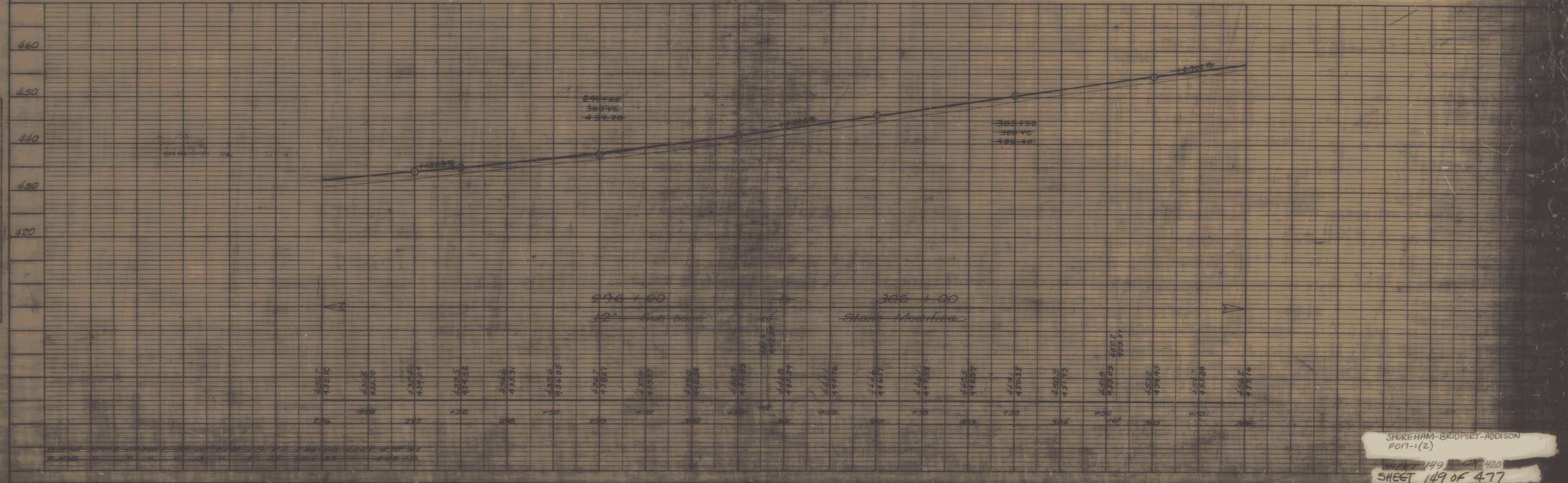

POT 281+00.0
MM 0221 0102 0260
Existing R.O.W.
12" Ac
W
W
W

FED. ROAD DIST. NO.	STATE	FISCAL YEAR	SHEET NO.
9	VT.	F.A.S. 1940	76

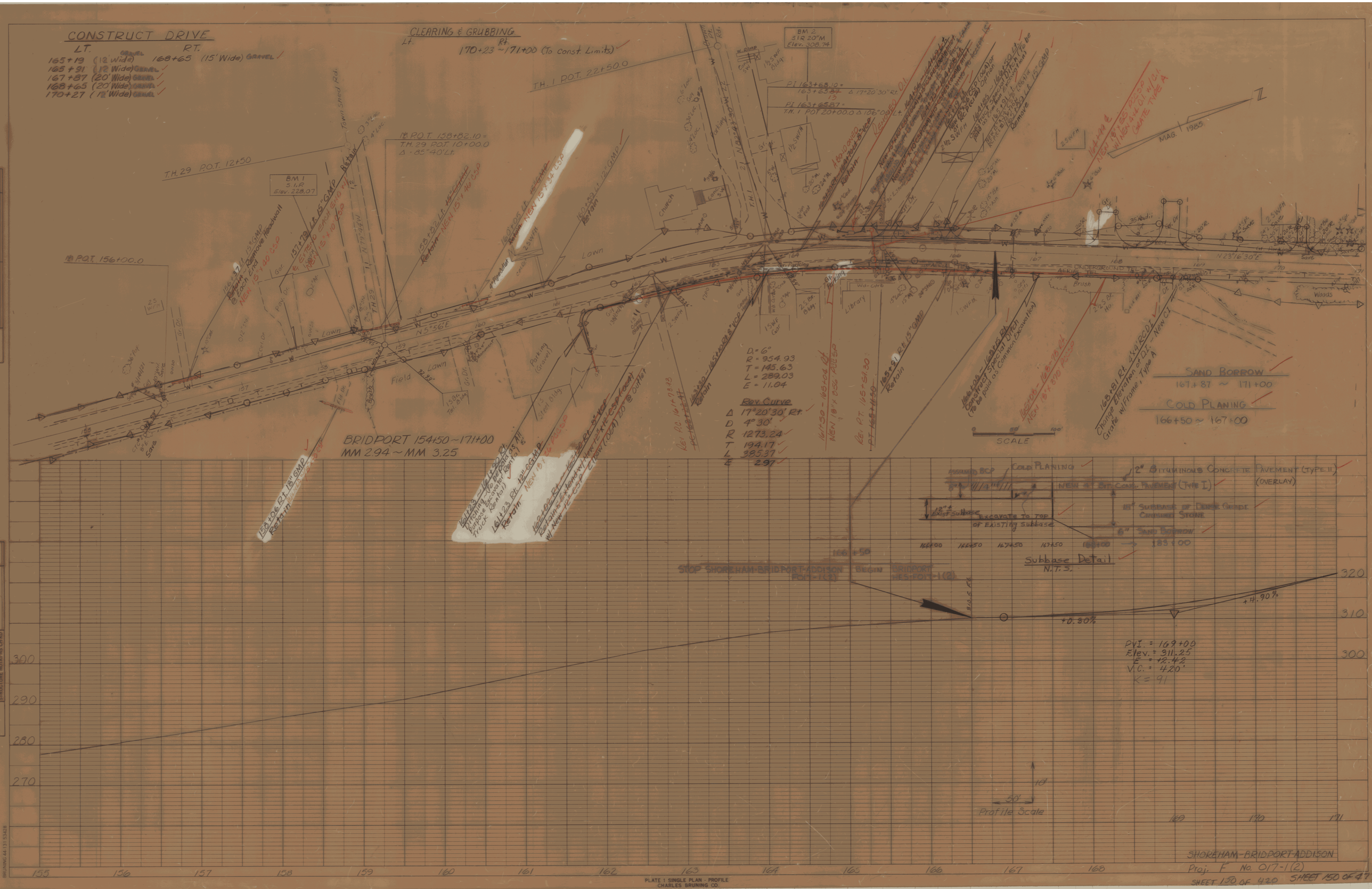
182(1)



BRIDPORT 296+00 ~ 302+72
MM 2.81 ~ MM 2.94



SHOREHAM-BRIDPORT-ADDISON
F017-1(2)
SHEET 149 OF 420
SHEET 149 OF 477


CONSTRUCT DRIVE
LT. RT.
165+19 (12' Wide) GRAVEL 168+65 (15' Wide) GRAVEL
165+91 (12' Wide) GRAVEL
167+87 (20' Wide) GRAVEL
168+65 (20' Wide) GRAVEL
170+27 (12' Wide) GRAVEL
CLEARING & GRUBBING
Lt. Rt.
170+23 ~ 171+00 (To Const. Limits)
T.H. 1 P.O.T. 22+50.0
T.H. 29 P.O.T. 12+50
BM 1 S.I.P. Elev. 228.07
BM 2 S.I.R. 20"M Elev. 308.74
P.O.T. 158+82.10 = T.H. 29 P.O.T. 10+00.0 Δ = 85°40' Lt.
P.O.T. 156+00.0
PI 163+68.10 = 163+65.87 Δ 17°20'30" Rt.
PI 163+65.87 = T.H. 1 POT 20+00.0 Δ 106°08' Lt.
D = 6°
R = 954.93
T = 145.63
L = 289.03
E = 11.04
Rev. Curve
Δ 17°20'30" Rt.
D 4°30'
R 1273.24
T 194.17
L 385.37
E 2.97
BRIDPORT 154+50 ~ 171+00
MM 2.94 ~ MM 3.25
SAND BORROW
167+87 ~ 171+00
COLD PLANING
166+50 ~ 167+00
SCALE
Subbase Detail
N.T.S.
2" Bituminous Concrete Pavement (Type II) (Overlay)
New 4" Bit. Conc. Pavement (Type I)
18" Subbase of Dense Grade Crushed Stone
6" Sand Borrow
Excavate to top of Existing Subbase
STOP SHOREHAM-BRIDPORT-ADDISON FO17-1(2)
BEGIN BRIDPORT HES FO17-1(2)
+0.30%
+4.90%
PVI. = 169+00
Elev. = 311.25
E = +2.42
V.C. = 420'
K = 91
Profile Scale
SHOREHAM-BRIDPORT-ADDISON
Proj. F No. 017-1(2)
SHEET 150 OF 420 SHEET 150 OF 47
PLATE 1 SINGLE PLAN - PROFILE
CHARLES BRUNING CO.

B.M.3
S.I.R.30°M.
Elev. 336.48

172+03 ~ 172+39 Lt.
Construct Special Ditch (To be paid as Common Excavation)

173+00 ~ 175+00 Lt.
Construct Special Ditch (To be paid as Common Excavation)

176+03
Retain and Extend Outlet w/ New 30"x 12" RCP

175+30 ~ 177+00 Lt.
Construct Special Ditch w/ Stone Fill, Type I

177+50 ~ 180+00 Lt.
Construct Special Ditch (To be paid as Common Excavation)

181+32 4'x1.5' RC Box (Inlet) 18"CMP (Outlet)
Retain and Extend Inlet w/ New 10"x 16 GA CSP (Outlet)

MAG. 1985

PC. 277+52.2

N 23°16'30"E

N 23°E

EXACT LOCATION UNKNOWN

Gr. Parking

1½ SWH

1 SWH

½ SWH

Gravel

Pave

Grass

Gar.

4,000 gal

2,000 gal.

Vt. 125(E) 276+50
End Full Depth Subbase
Begin Approach

Surv. Vt. 125 POT. 279+49.38±
PT. Rev. 279+50.2
Surv. 279+50.2

Vt. 125(E) 279+00
End Approach

227+37 ~ 233+00
4" PVC D.I.

Approx. Locations of Existing Underground Gas Tanks.

Vt. 125 POT. 283+00.0

Vt. Rte. 125 (Eastern)

Vt. Rte. 125 East
Δ 12°-49' Lt.
D 6°30'
R 881.47
T 99.00
L 197.18
E 5.54

PI 175+67.60
Δ 0°16'30" Lt.
No Curve Run

PI 175+67.60 =
Vt. 125 POT. 277+50.00
Δ 83°14'30" Rt.

Surv. Vt. 125 PI 278+51.2 =
Rev. 278+50.38

171+50 ~ 172+38 Rt.
Construct Special Ditch (To be paid as Common Excav.)

172+20 ~ 174+25 Rt.
Construct Paved Gutter

173+42 ~ 181+42 Rt.
Construct Special Ditch (To be paid as Common Excavation)

POT 185+50

184+50
End pavement depth transition
Resume 2" pavement overlay

COLD PLANING
2" BIT. CONC. PVMT (OVERLAY)
ASSUMED 4"
8" BCP
NEW 4" BITUMINOUS CONC. PVMT (TYPE I)
12" ± EXIST. SUBBASE
184+50
184+00
EXCAVATE TO TOP SUBBASE
183+50
18" SUBBASE OF DENSE GRADE CRUSHED STONE
6" SAND BORROW
183+00
168+00

SUBBASE DETAIL
N.T.S.

COLD PLANING
184+00 ~ 184+50

SAND BORROW
171+00 ~ 183+13

CONTAMINATED SOIL CLASS I

VT 22A	176+00	~ 176+25
	176+50	~ 177+25
VT 125 (EAST)	278+00	~ 279+00

CONTAMINATED SOIL CLASS II

VT 22A	176+25	~ 176+50
	177+25	~ 178+00 (RT)

BRIDPORT 171+00 ~ 187+00
MM 3.25 ~ MM 3.55

CLEARING & GRUBBING

Lt	Rt
178+00 ~ 179+32 (to Const Limits)	171+00 ~ 172+00 (to Constr. Limits)

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
172+20 Rt. ~ 174+25 Rt.

CAST IN PLACE CEMENT CONCRETE CURB, TYPE B
Lt. 174+58 Rt. ~ Vt. 125(E) 278+16 Rt.

CONSTRUCT DRIVE

LT.	RT.
171+82 (12' Wide) GR.	174+45 (24' Wide) Pave.
172+95 (12' Wide) GR.	177+00 (40' Wide) Pave.
180+44 (12' Wide) GR.	178+00 (30' Wide) Pave.

CONSTRUCT APPROACH
175+67.6 Rt. ~ Vt. 125(E)

0 50' 100'
SCALE

DATUM
VERTICAL
HORIZONTAL

SURVEYED BY BUSHEY DATE 3-85
DRAWN BY HARDIE DATE 4-85
TRACED BY THOMAS DATE 4-85

SHOREHAM - BRIDPORT - ADDISON
PROJ. F NO. 017-1(2)
SHEET 151 OF 420

NOTE: The Contractor will contact Mr. Leo Connor, 2 weeks before excavating material from bank (Vt 125 west 272+00 ± 273+00 Rt), to make arangements for the stockpiling of this material on Mr. Connor's property. (500± C.Y.)

CLEARING & GRUBBING
Vt. Rte. 125 (West)

Rt.	Lt.
272+00 ~ 273+85 (to Const. Limits)	272+10 ~ 272+50 (to const. Limits)
	273+30 ~ 274+24 (to const. Limits)

CONTAMINATED SOILS CLASS I
VT 125 (WEST) 275+50 ~ 276+25
276+25 ~ 277+10

CONTAMINATED SOILS CLASS II
VT 125 (WEST) 276+25 ~ 276+75 (LT)

FIELD DRIVE

Lt	Rt.
181+80	192+05
	202+75

CONSTRUCT DRIVE
Vt. 125 273+24 Lt. (12' Wide) Gr.
Vt. 125 Rev. 275+32 Rt. (20' Wide) Gr.
Vt. 125 Rev. 276+50 Lt. (105' Wide) Pave
Vt. 22A 200+10 Lt. (75' Wide) Pave
Vt. 22A 202+45 Lt. (14 Wide) Gr.
Vt. 22A 200+90 Rt. (12' Wide) Gr.

CONSTRUCT DITCH BERM
Vt. 125 273+26 ~ 273+45 Rt.

CAST IN PLACE CEMENT CONCRETE CURB, TYPE A
197+84 ~~198+30~~ Lt. ~ Vt 125 (West) Rev. 276+78 Rt.
Vt 125 (West) ~~Rev.~~ 276+95 Lt. ~ 199+72 Lt.
200+45 ~ 201+20 Lt.

BM5
SIP
Elev. 246.54

P.O.T. 269+50

Match Line Sta. 271+00 (See Below)

Vt. 125 (W) 272+00 Begin Approach

Vt. 125 (W) 272+50 Begin Full Depth Subbase

272+50 ~ 273+24 Lt. Construct Special Ditch w/ Stone Fill Type I

273+24 Lt. Remove 24" CSP (046) & Headwall

273+24 Lt. New 24"x36" CSP (064) or RCP (III) w/ CSES (10ga) or RCPES OPTION @ INLET

272+22 ~ 273+24 Rt. Construct Special Ditch w/ Stone Fill Type I

273+45 ~ 273+26 Rt. Construct Special Ditch w/ Stone Fill Type I

Vt. Rte. 125
Δ = 17°10' Rt.
D = 10°
R = 572.96'
T = 86.48'
L = 171.67'
E = 7.03'
Banking 0.059 ft/ft.

Match Line Sta. 271+00 (See Above)

Vt. 125 Rev. P.I. 275+95.67 = Rev. 275+94.38

Vt. 125 P.I. 276+13.15
Δ 5°00' Rt.

Rev. 275+32 RC New 15"x24" CSP (064) or RCP (CLASS III)

Surv. P.O.T. 275+09.19 = Rev. P.C. 275+09.19

Rev. P.T. 276+80.86

Rev. 275+32 ~ 276+48 Lt. Construct Special Ditch w/ Stone Fill Type I

Rev. 275+32 Lt. 15" Pipe (Invert not found) Remove

Rev. 275+63 ~ 276+48 Lt. Construct Special Ditch w/ Stone Fill Type I

Rev. 275+32 Lt. New 24"x36" CSP (064) or RCP (III) w/ CSES (10ga) or RCPES OPTION @ INLET

Rev. 275+32 Lt. 15" Pipe Remove

Rev. 275+63 ~ 276+48 Lt. New 24"x36" CSP (064) or RCP (III) w/ CSES (10ga) or RCPES OPTION @ INLET

PI 200+71.53 = 200+71.01 Δ 11°11'30" Rt.

Approx Location of Existing Underground Gas Tanks.

3,000 gal

202+45 Lt. New 17"x13" x40' CSP Pt 064

193+29 24" CGMP Retain & Extend w/ New 24"x40' CSP (064) & Inlet 24"x40' PCSP

187+00 24" PVC

193+56 Rt. 12"CGMP Retain

191+03 Rt. 18"CGMP Retain New 15"x 40' CSP

MAG 1986

APANDON IN 1988 — PROPOSED IN 1992

N 23° E

Gt. Drive

BM4
SIR 24" Ash
Elev. 336.55

BM3
SIT 10" M
Elev. 323.66

SEE SHEET 153 OF 477 FOR DRAINAGE CHANGES

Vt. 125 Rev. 275+63 ~ Rev. 276+54 Rt. Construct Special Ditch w/ Erosion Matting

Vt. 125 Rev. 276+54 ~ Rev. 276+78 Rt. Construct Special Ditch w/ Stone Fill Type I

Vt. 125 Rev. 275+63 ~ Rev. 276+54 Rt. Construct Special Ditch w/ Stone Fill Type I

Remove 24" CGMP

Retain

M POT 199+59 = Tan 21 POT 30+00.0 Δ 72°45' Rt.

M POT 199+59 = Vt. 125 POT 277+50 Δ 102°10' Lt.

M Surv. POT 199+25 = Rev. Vt. 125 P.O.T. 277+44.85 Δ = 90° Lt.

Remove 24" CGMP

Retain

Remove 24" CGMP

Retain

Remove 24" CGMP

Retain

N

MAG. 1985

275+30 Rt. REMOVE 24" RCP

REV. 275+32 Rt. NEW 15"x54" CSP (.064) OR RCP (CL. III) OPTION

Vt. 125 P.O.T. 275+09.19 = Vt. 125 REV. P.C. 275+09.19

275+00 Lt - 275+65 Rt NEW 18"x84' PCCSP W/ RC01 TYPE A GRATE

Vt. 125 REV. P.I. 275+95.67 = 275+94.38

Vt. 125 P.I. 276+13.15 Δ= 5°-00' Rt.

275+82 Lt. 15" PIPE (INLET NOT FOUND) REMOVE

REV. 275+63 - REV. 276+69 Lt. NEW 24"x108' CSP (.064) OR RCP (1TH) OPTION

REV. 275+35 - REV. 275+68 Lt. CONSTRUCT SPECIAL DITCH W/ STONE FILL-TYPE I

Vt. RTE. 125 WEST

REV. 275+63 - REV. 276+54 Rt. CONSTRUCT SPECIAL DITCH W/ EROSION MATTING

REV. 276+18 Rt. CONSTRUCT SPECIAL DITCH W/ STONE FILL-TYPE I

275+65 - 276+80 Rt NEW 18"x 110' PCCSP W/ RC01 TYPE A GRATE

Approx. locations of Existing Underground gas Tanks. All TANKS REMOVED & REPLACED WITH A NEW LEAK PROOF TANK EXISTING GAS PUMPS REMOVED & INSTALLED IN GAS ISLAND

201+00 END BRIDPORT HES-F017-1(2) RESUME SHOREHAM - ADDISON F017-1(2)

M.L. P.I. 200+71.53 = 200+71.01 Δ= 11°-11'-30" Rt.

201+81.20 ℄ NEW 18"x 56' PCCSP W/ NEW RC01 W/ C.I. GRATE TYPE A

Vt. 125 REV. P.T. 276+80.84

2 S.W.F. Ho.

2 S. CONC. BLOCK BLDG.

1 S.W.F.

T-69.01 (6" above grd.)

T-74.26 (12" above grd.)

2,000 gal.

3,000 gal.

G. PUMP

G. PUMP

GAS PUMP

FIRE

PAVED DRIVE

GRAVEL TURNOUT

T-39.01

T-41.35

T-54.39

T-32.28

T-65.15

T.H. 21 P.C. 199+91.33

M.L. P.C. 199+91.33

M.L. P.T. 201+51.21

M.L. P.O.T. 199+25.00 = Vt. 125 REV. P.O.T. 277+44.85 Δ= 90° LT.

M.L. P.O.T. 199+59.00 = T.H. 21 P.O.T. 30+00.00 Δ= 72°-45' RT.

M.L. P.O.T. 199+59.00 = Vt. 125 P.O.T. 277+50.00 Δ= 102°-10' LT.

191+44 Rt - 192+81 Rt NEW 18"x 94' PCCSP W/ RC01 C.I. GRATE TYPE A

192+93 18" CGMP ASHEW 77° Rt. REMOVE

192+77 Rt - 193+63 Lt NEW 18"x 102' PCCSP (.064) OR CMP (.060) OPTION W/ E.S. INLET

30+40 - 30+48 15" RCCMP REMOVED

REPLACED NEW 18"x 40' PCCSP

200+90 Rt - EXIST. 12" CMP - REMOVE NEW 17"x 13" x 32' CSPA (.064") 201+00 - 201+53.40 Lt. NEW 18"x 150' ELBOW (48°±) PCCSP W/ 30°

200+80 - 201+50 Rt CONSTRUCT SPECIAL DITCH W/ EROSION MATTING

M.L. P.T. 201+51.21

2 S.W.F. Ho.

1"M.

20" LOC.

18" LOC.

W.S.O.

CTC 15A

M.H.

#305 2-10 W

GUY GUY

2-6" APP.

6" GUY.

10"M.

3" E.

2" APP.

5" B. SPR.

ROSE BUSH

2" APP.

18" ST.

I.E. 1/6 13.08

10" B.E.

15" Ash Save

6"M Save

ROSE BUSH Save

6" SPR.

SIGN

Vt. RTE. 22A

197 198 199 200 201 202

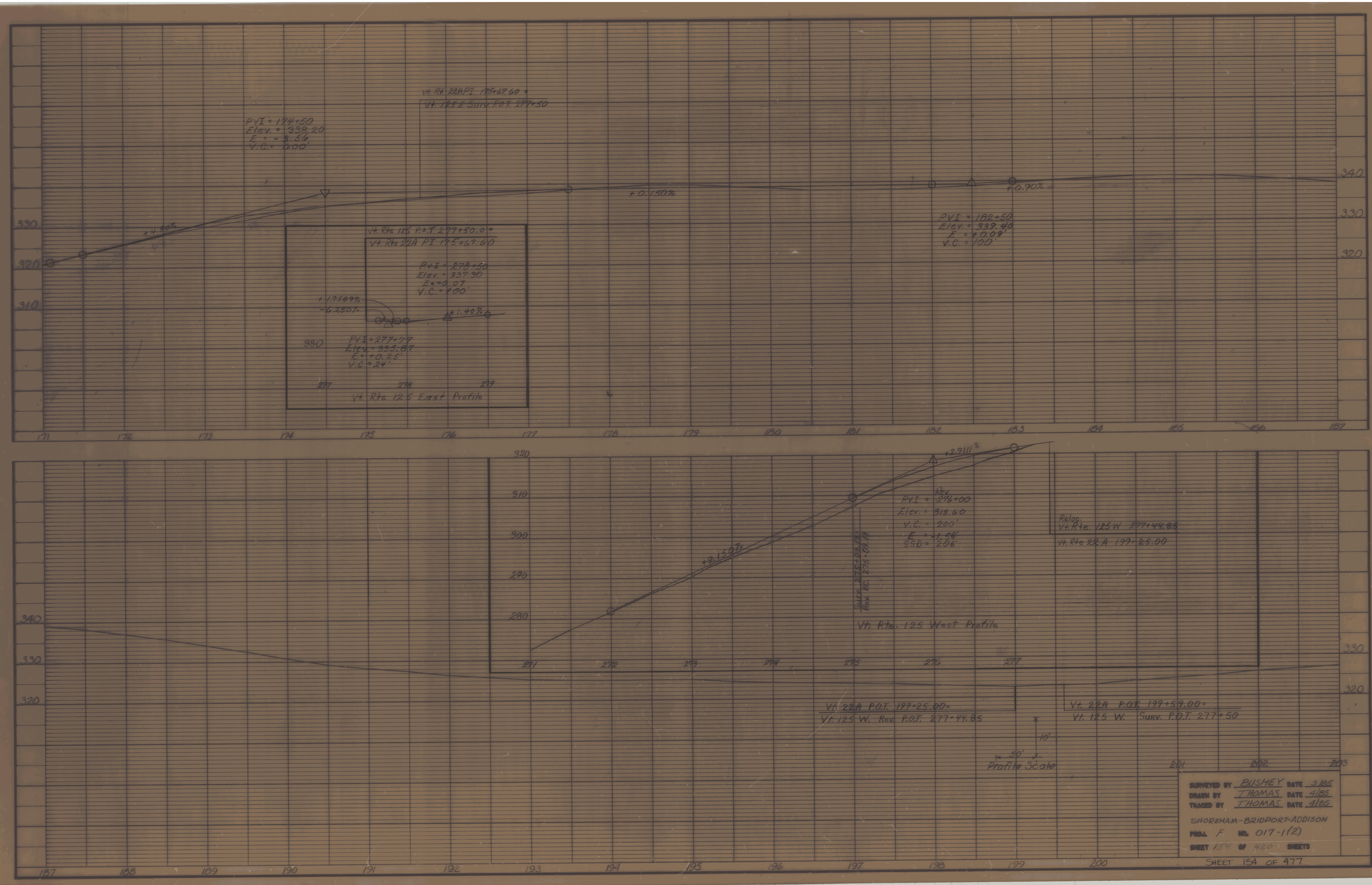
90 30

BRIDPORT 197+00 ~ 202+00

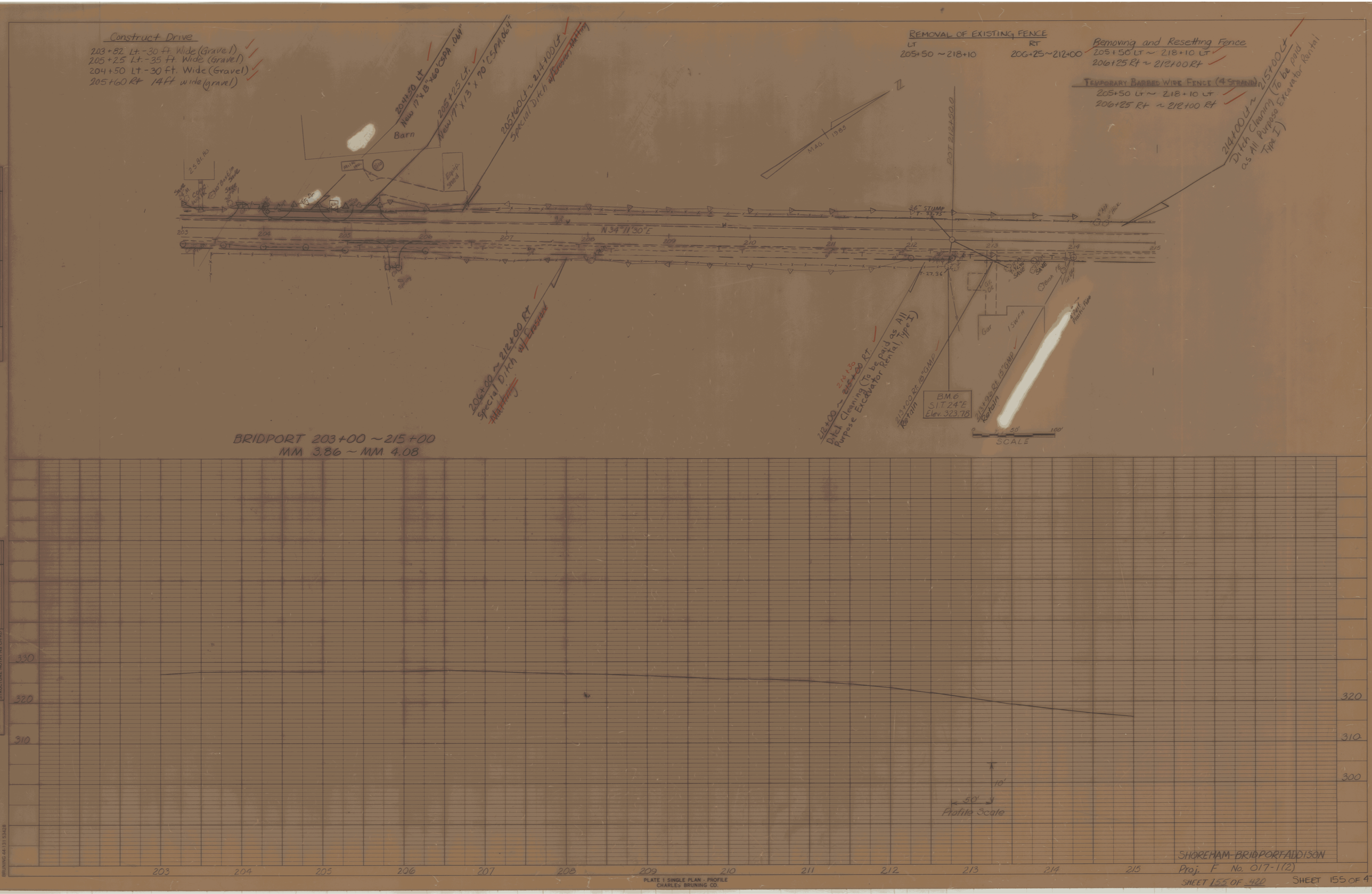
DATUM
VERTICAL
HORIZONTAL

SURVEYED BY Bushey DATE 3-85
DRAWN BY Willey DATE 11-86
TRACED BY Willey DATE 11-86
SHOREHAM - BRIDPORT - ADDISON
PROJ. F NO. 017-1(2)
SHEET 153 OF 420

0 20 40
SCALE



Vt. Rt. 22A P.I. 175+67.60 =
Vt. 125 E Surv. P.O.T. 277+50
PVI = 174+50
Elev. = 338.20
E = -3.56
V.C. = 600'
+4.90%
+0.150%
+0.90%
PVI = 182+50
Elev. = 339.40
E = +0.09'
V.C. = 100'
Vt. Rte 125 P.O.T 277+50.0 =
Vt. Rte 22A P.I. 175+67.60
P.V.I = 278+50
Elev. = 337.30
E = -0.07
V.C. = 100'
+1.9589%
-6.250%
+1.40%
PVI = 277+77
Elev. = 335.87
E = +0.25'
V.C. = 24'
Vt. Rte 125 East Profile
+2.9111%
+9.150%
Rev.
P.V.I. = 276+00
Elev. = 318.60
V.C. = 200'
E = -1.56'
SSD = 206'
Surv. 275+09.19 =
Rev. P.C. 275+09.19
Reloc.
Vt. Rte. 125 W 277+44.85
Vt. Rte 22 A 199+25.00
Vt. Rte. 125 West Profile
Vt. 22A P.O.T. 199+25.00 =
Vt. 125 W. Rev. P.O.T. 277+44.85
Vt. 22A P.O.T. 199+59.00 =
Vt. 125 W. Surv. P.O.T. 277+50
10'
50'
Profile Scale
SURVEYED BY BUSHEY DATE 3/85
DRAWN BY THOMAS DATE 4/85
TRACED BY THOMAS DATE 4/85
SHOREHAM-BRIDPORT-ADDISON
PROJ. F NO. 017-1(2)
SHEET 154 OF 420 SHEETS
SHEET 154 OF 477



Construct Drive
203+82 Lt.-30 ft. Wide (Gravel)
205+25 Lt.-35 ft. Wide (Gravel)
204+50 Lt.-30 ft. Wide (Gravel)
205+60 Rt 14 ft wide (gravel)
REMOVAL OF EXISTING FENCE
LT 205+50 ~ 218+10
RT 206+25 ~ 212+00
Removing and Resetting Fence
205+50 LT ~ 218+10 LT
206+25 Rt ~ 212+00 Rt
TEMPORARY BARBED WIRE FENCE (4 STRAND)
205+50 LT ~ 218+10 LT
206+25 Rt ~ 212+00 Rt
204+50 Lt New 17"x13"x60' CSPA .064"
205+25 Lt. New 17"x13"x70' CSPA .064"
205+60 Lt ~ 214+00 Lt Special Ditch w/ Erosion Matting
214+00 Lt ~ 215+00 Lt Ditch Cleaning (To be paid as All Purpose Excavator Rental Type I)
Barn
Equip. Shed
N34°11'30"E
36" STUMP
POT 212+50.0
M.A.G. 1985
206+00 ~ 212+00 Rt Special Ditch w/ Erosion Matting
212+00 ~ 215+00 Rt. Ditch Cleaning (To be paid as All Purpose Excavator Rental, Type I)
213+00 Rt. 18" GMP Retain
213+96 Rt. 15" GMP Retain
B.M.6 S.I.T. 24"E Elev. 323.78
Gar
SCALE
BRIDPORT 203+00 ~ 215+00
MM 3.86 ~ MM 4.08
330
320
310
300
10'
50'
Profile Scale
203
204
205
206
207
208
209
210
211
212
213
214
215
SHOREHAM-BRIDPORT-ADDISON
Proj. F No. 017-1(2)
SHEET 155 OF 420
SHEET 155 OF 4
PLATE 1 SINGLE PLAN - PROFILE
CHARLES BRUNING CO.

Removing and Resetting Fence
Lt — Rt
215+00 ~ 218+10

Temporary Barbed Wire Fence (4 STRAND)
Lt — Rt
215+00 ~ 218+10

215+00 Lt ~ 218+00 Lt
Ditch Cleaning (To be Paid as All Purpose Excavator Rental, Type II)

P.I. 217+99.88 =
217+98.47
Δ 11°31'00" Rt.

MAG 1985

218+50 Lt ~ 220+00 Lt
Flatten Slope to 1:3

N 34°11'30" E

N 45°42'30" E

N 64°37'30" W

T.H. 19

T.H. 19 P.O.T. 42+50

Barn

Conc. Silage Bunker

Gr. Dr.

Gr. Dr.

215+00 ~ 216+30 Rt.
Ditch Cleaning (To be Paid as All Purpose Excavator Rental, Type II)

218+35 15'x8' Reinforced Concrete Box Culvert
10'-0" Stone Fill Slope
Outlet of New 36" CSP (Dwg.)
10'x10 Stone Fill

Remove 15" CMP

Remove 15" CMP

Remove 15" CMP

Removing and Resetting Fence
~~25+00 Lt ~ 26+50 Lt~~

Temporary Barbed Wire Fence (4 Strand)
~~25+00 Lt ~ 26+50 Lt~~

REMOVAL OF EXISTING FENCE
LT RT
~~25+00 ~ 26+50~~

CONSTRUCT DRIVE
Lt Rt
23+40 (18' Wide) GRAVEL
24+15 (20' Wide) GRAVEL
25+90 (12' Wide) GRAVEL

223+50 ~ 21+52.5 Eq = 29.97.5'

21+75 Lt ~ 22+75 Lt
Special Ditch w/ Erosion Matting

Δ = 37°57' Lt.
D = 11°
R = 520.87
T = 177.09
L = 345.00
E = 29.93
Banking 0.080 ft/ft

25+75 Lt ~ 26+25 Lt
Special Ditch w/ Erosion Matting

PC 21+96.58

PT 25+41.58

ATHG CREEK A 1945

TO BRIDPORT - ADDISON TL

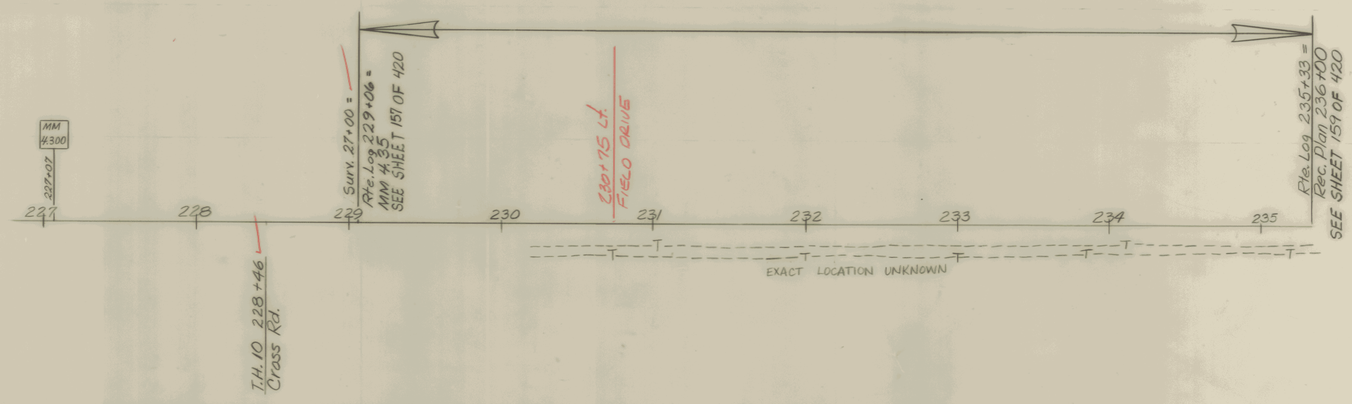
CONSTRUCT APPROACH
Lt Rt
~~26+40~~ TH # 10

TRANSPLANTING SHRUBS
Rt. Lt
23+55 (Bush)
24+20 (Lilac)

TRANSPLANTING TREES
Rt Lt
23+34 (1" Maple)

CAST IN PLACE CONCRETE CURB, TYPE A
Lt
22+75 ~ 25+75

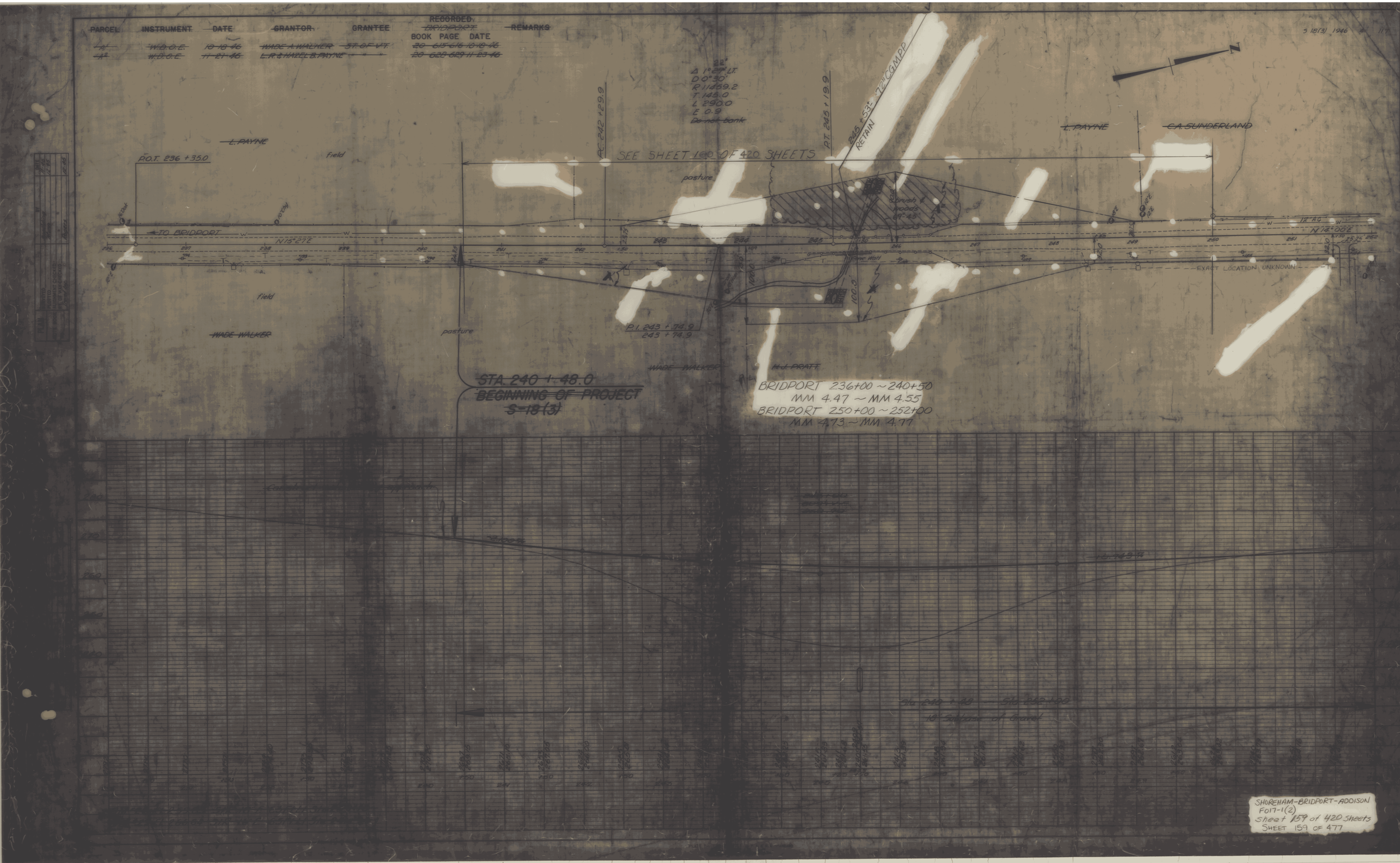
Y HOUSE
Transplant
Remove
Save
Buried Cable
Gas
Water
Tel Jct Box
SEE INSET A BELOW
House
Barn
Shed
Garage
Pump
Bush
Lilac
Apple
Maple
Stump
Curb
Gate
Fence
Edge of Pavement
Ditch
Culvert
Sidewalk
Excavate
Concrete Sidewalk
Remove & Reset Existing Guard Rail
Remove & Replace with Guard Rail
Remove & Reset Existing Guard Rail
Remove & Reset Existing Guard Rail
Remove & Reset Existing

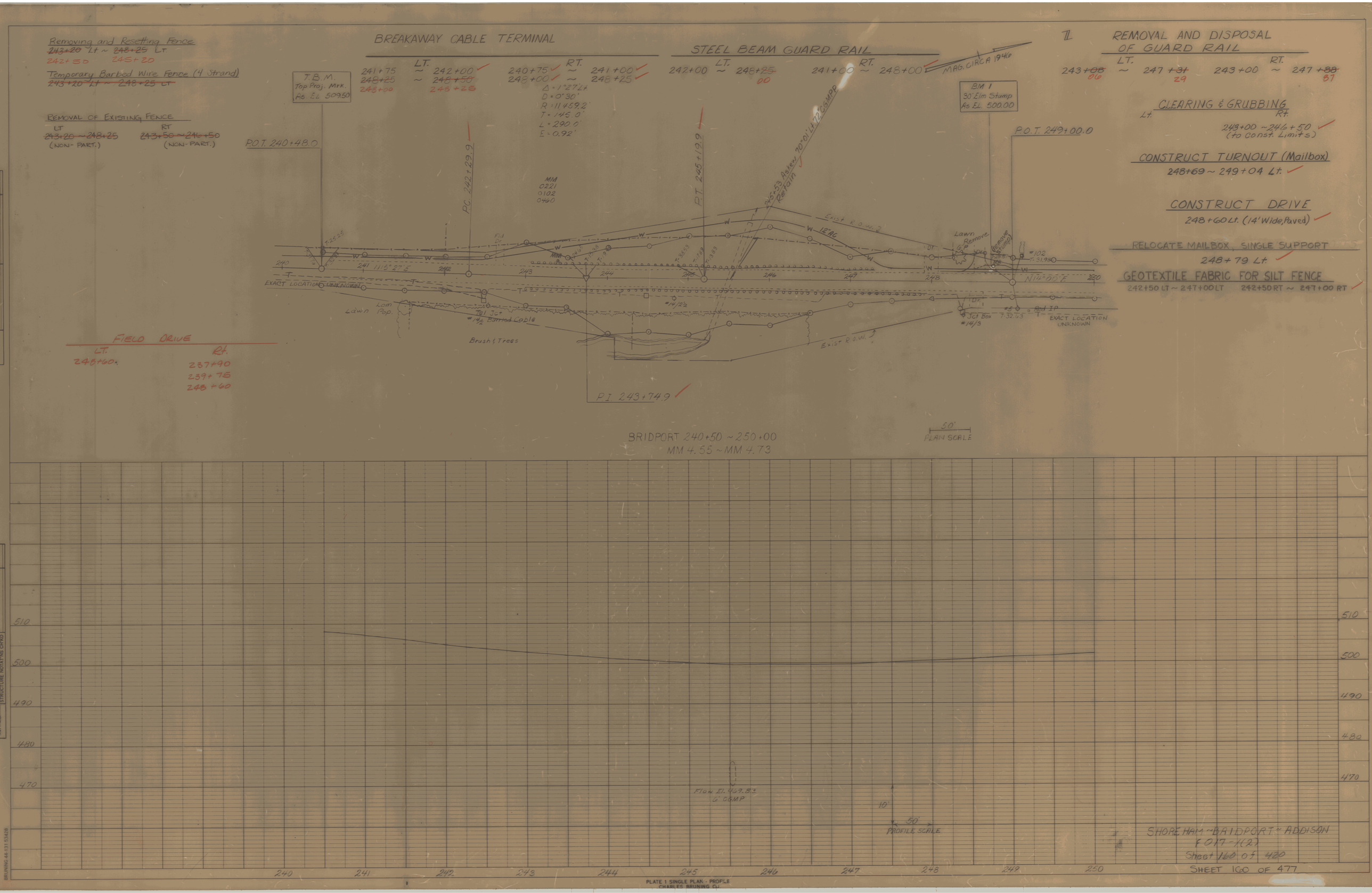


Note: Dimensioned area indicates that the project plans do not provide detail coverage

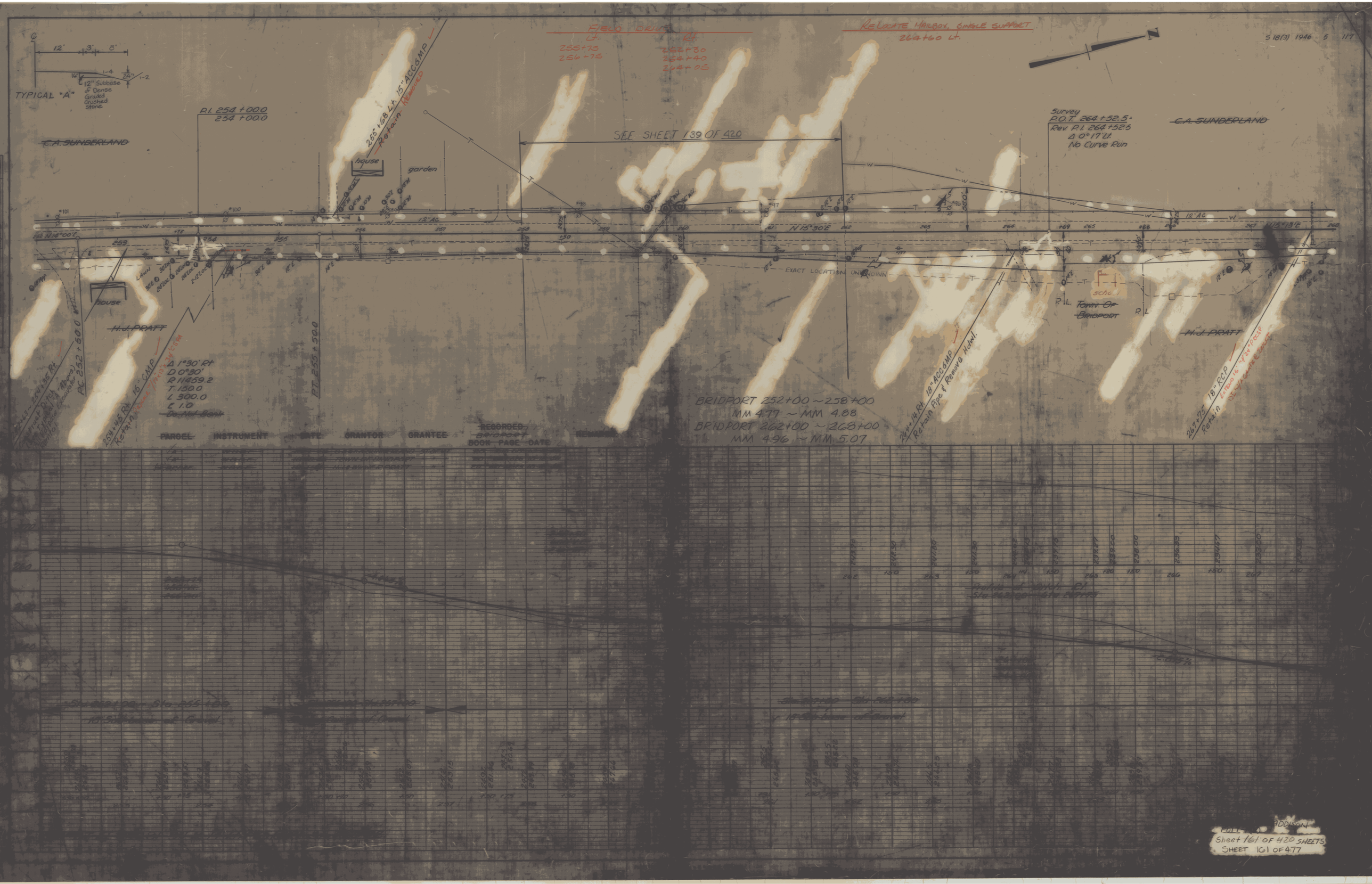
SHOREHAM – BRIDPORT – ADDISON
F 017-1(2)
SHEET 158 of 420

PLATE 1 SINGLE PLAN - PROFILE
CHARLES BRUNING CO.
MADE IN U.S.A

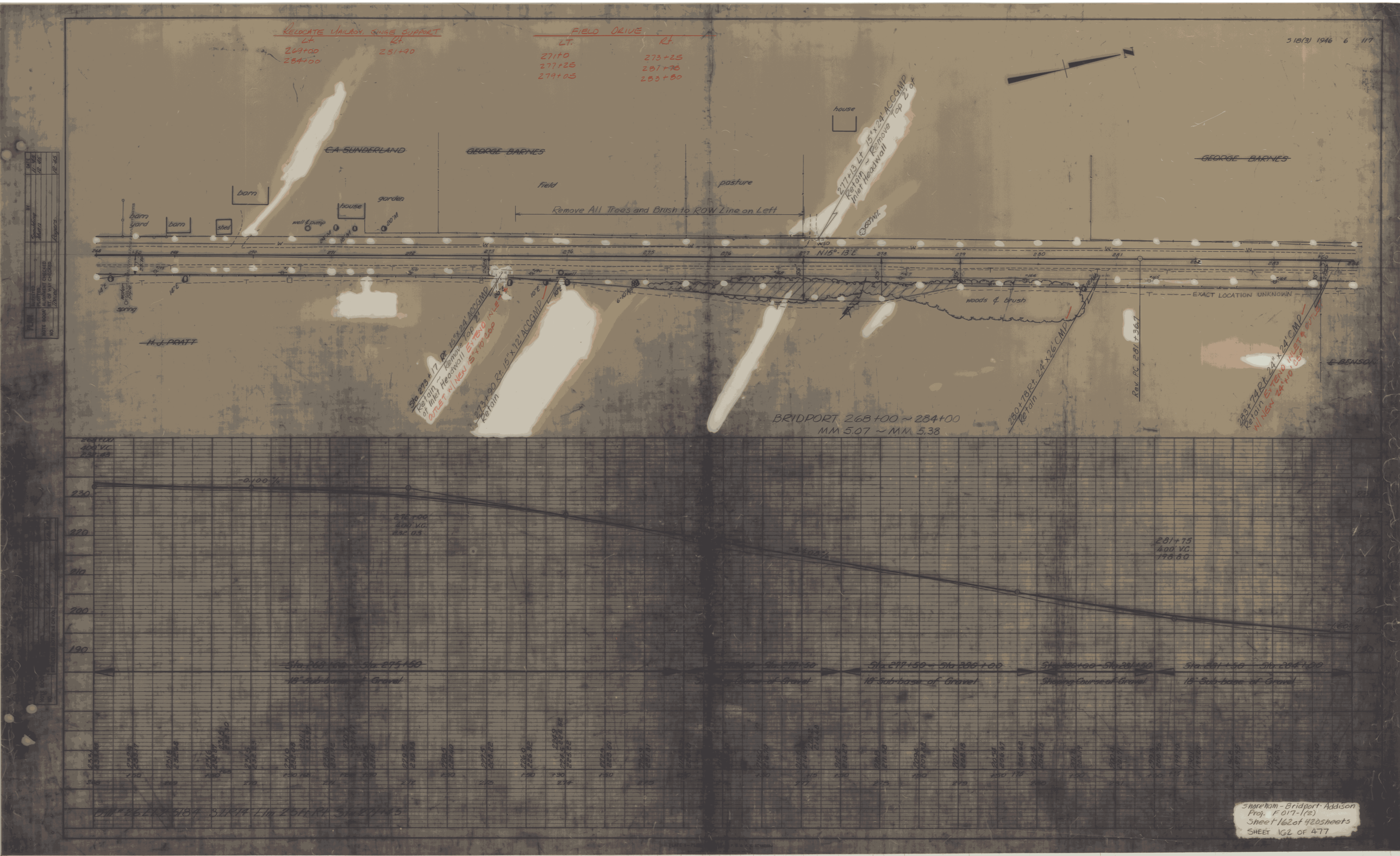

PARCEL INSTRUMENT DATE GRANTOR GRANTEE RECORDED BRIDPORT BOOK PAGE DATE REMARKS
A1 W.D.O.E. 10-18-46 WADE A. WALKER ST. OF VT. 20 615-616 10-18-46
A2 W.D.O.E. 11-21-46 L.R. & HAZEL B. PAYNE " " " 20 628-629 11-23-46
S 18(3) 1946
22°
Δ 1°27' LT.
D 0°30'
R 11459.2
T 145.0
L 290.0
E 0.9
Do not bank
P.C. 242 + 29.9
P.T. 245 + 19.9
245 + 53± 72" CGMPP
RETAIN
L. PAYNE
C.A. SUNDERLAND
P.O.T. 236 + 35.0
field
SEE SHEET 160 OF 420 SHEETS
pasture
TO BRIDPORT
N 15°27' E
N 14°00' E
12" AC
EXACT LOCATION UNKNOWN
WADE WALKER
P.I. 243 + 74.9
243 + 74.9
H.J. PRATT
STA. 240 + 48.0
BEGINNING OF PROJECT
S-18(3)
BRIDPORT 236+00 ~ 240+50
MM 4.47 ~ MM 4.55
BRIDPORT 250+00 ~ 252+00
MM 4.73 ~ MM 4.77
Sta. 240 + 48 — Sta. 252 + 00
18' Subbase of Gravel
SHOREHAM-BRIDPORT-ADDISON
F017-1(2)
Sheet 159 of 420 Sheets
SHEET 159 OF 477



Removing and Resetting Fence
~~243+20~~ Lt ~ ~~248+25~~ Lt.
242+50 245+20
Temporary Barbed Wire Fence (4 Strand)
~~243+20 Lt ~ 248+25 Lt~~
REMOVAL OF EXISTING FENCE
LT ~~243+20 ~ 248+25~~ (NON-PART.)
RT ~~243+50 ~ 246+50~~ (NON-PART.)
BREAKAWAY CABLE TERMINAL
LT. 241+75 ~ 242+00 ~~248+25~~ 248+00 ~~248+50~~ 248+25
RT. 240+75 ~ 241+00 248+00 ~ 248+25
Δ = 1°27' Lt.
D = 0°30'
R = 11459.2'
T = 145.0'
L = 290.0'
E = 0.92'
STEEL BEAM GUARD RAIL
LT. 242+00 ~ 248+~~25~~ 00
RT. 241+00 ~ 248+00
MAG. CIRCA 1946
REMOVAL AND DISPOSAL OF GUARD RAIL
LT. 243+~~08~~ 06 ~ 247+~~31~~ 29
RT. 243+00 ~ 247+~~88~~ 87
CLEARING & GRUBBING
Lt. Rt.
243+00 ~ 246+50 (to const. Limits)
CONSTRUCT TURNOUT (Mailbox)
248+69 ~ 249+04 Lt.
CONSTRUCT DRIVE
248+60 Lt. (14' Wide, Paved)
RELOCATE MAILBOX, SINGLE SUPPORT
248+79 Lt.
GEOTEXTILE FABRIC FOR SILT FENCE
242+50 LT ~ 247+00 LT 242+50 RT ~ 247+00 RT
T.B.M. Top Proj. Mrk. As. El. 509.50
BM 1 30" Elm Stump As El. 500.00
P.O.T. 240+48.0
P.C. 242+29.9
P.T. 245+19.9
P.O.T. 249+00.0
P.I. 243+74.9
245+53 Askew 70°01' Lt. 72" CGMPP Retain
MM 0221 0102 0460
Exist R.O.W.
12" AC
Lawn Remove
Remove Stump
N14°00'E
EXACT LOCATION UNKNOWN
Lawn
Lom Pop.
Tel Jct
#14/2 Buried Cable
Brush & Trees
Jct Box #14/3
Red IP
EXACT LOCATION UNKNOWN
FIELD DRIVE
LT. 248+60
Rt. 237+90 239+75 248+60
BRIDPORT 240+50 ~ 250+00
MM 4.55 ~ MM 4.73
50' PLAN SCALE
510
500
490
480
470
Flow El. 469.8±
6' CGMP
10'
50'
PROFILE SCALE
240 241 242 243 244 245 246 247 248 249 250
SHOREHAM ~ BRIDPORT ~ ADDISON
F017-1(2)
Sheet 160 of 420
SHEET 160 OF 477
PLATE 1 SINGLE PLAN - PROFILE
CHARLES BRUNING CO.
STRUCTURE NOTATNS CH'KD
BRUNING 44-131 53428



TYPICAL "A"
12" Subbase of Dense Graded Crushed Stone
FIELD DRIVE
Lt. 255+75 256+75
Rt. 252+30 264+40 264+05
RELOCATE MAILBOX, SINGLE SUPPORT 264+60 Lt.
S 18(3) 1946 5 117
P.I. 254+00.0 254+00.0
255+68 Lt. 15" ACCGMP Retain REMOVED
C.A. SUNDERLAND
SEE SHEET 139 OF 420
house
garden
Survey P.O.T. 264+52.5 = Rev. P.I. 264+52.5 Δ 0°17' Lt. No Curve Run
C.A. SUNDERLAND
N 14°00'E
N 15°30'E
N 15°13'E
EXACT LOCATION UNKNOWN
house
H.J. PRATT
P.C. 252+60.0
P.T. 255+50.0
Δ 1°30' Rt
D 0°30'
R 11459.2
T 150.0
L 300.0
E 1.0
Do Not Bank
254+45 Rt. 15" CMP Retain
PARCEL INSTRUMENT DATE GRANTOR GRANTEE RECORDED BOOK PAGE DATE REMARKS
BRIDPORT 252+00 ~ 258+00
MM 4.77 ~ MM 4.88
BRIDPORT 262+00 ~ 268+00
MM 4.96 ~ MM 5.07
264+14 Rt. 18" ACCGMP Retain Pipe & Remove Hdwl.
TOWN OF BRIDPORT
school
H.J. PRATT
267+75 18" RCP Retain
Sheet 161 OF 420 SHEETS
SHEET 161 OF 477



RELOCATE MAILBOX, SINGLE SUPPORT
Lt. 269+00 284+00
Rt. 281+90
FIELD DRIVE
Lt. 271+0 277+25 279+05
Rt. 273+25 281+75 283+80
S 18(3) 1946 6 117
N
house
C.A. SUNDERLAND
GEORGE BARNES
GEORGE BARNES
field
pasture
barn
barn yard
barn
shed
house
garden
well & pump
Remove All Trees and Brush to ROW Line on Left
277+13 Lt. 15"x24' ACCGMP Retain ~ Remove Top 2' of Inlet Headwall
N15°-13'E
EXACT LOCATION UNKNOWN
woods & brush
spring
H.J. PRATT
E. BENSON
Sta. 273+17 Rt. 15"x24' ACCGMP Retain ~ Remove Top 2' of Inlet Headwall EXTEND INLET & OUTLET W/ NEW 15"x10' CSP
273+90 Rt. 15"x12' ACCGMP Retain
280+78 Rt. 24"x26' CMP Retain
Rev. PC 281+36.7
283+74 Rt. 24"x24' CMP Retain EXTEND INLET & OUTLET W/ NEW 24"x10' CSP
BRIDPORT 268+00 ~ 284+00
MM 5.07 ~ MM 5.38
268+00 400' V.C. 232.43
-0.100%
276+00 400' V.C. 232.03
-3.400%
281+75 400' V.C. 198.80
Sta. 268+00 - Sta. 275+50 18" Sub-base of Gravel
Sta. 277+50 - Sta. 286+00 18" Sub-base of Gravel
Sta. 286+00 - Sta. 281+50 Shoping Course of Gravel
Sta. 281+50 - Sta. 284+00 18" Sub-base of Gravel
Shoreham - Bridport - Addison
Proj. F017-1(2)
Sheet 162 of 420 sheets
SHEET 162 OF 477

PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED BOOK PAGE DATE	REMARKS
~~1A~~	~~W.D.G.E.~~	~~10-1-46~~	~~LEROY BENSON~~	~~ST. OF VT.~~	~~28 617 6/8/10/18/46~~	
~~1A1~~	~~W.D.G.E.~~	~~10-1-46~~	~~PHILAS QUENNEVILLE~~ " " "		~~28 620 6/21/10/18/46~~	

Relocate Windbox & Snowfence Support
Lt 294+25, 294+75, 299+25
Rt 288+55

P.O.T. 5+36.1

Construct Approach
292+80 Lt (T.H. #5, Paved)

Construct Drive
295+50 Rt Gravel (16 ft. wide)
298+50 Lt. Gravel (12ft wide)
299+60 Lt Gravel (12 ft. wide)

5' 2' 5'
1-3
Stone Fill, Type II
TYPICAL 285+06 Lt. & Rt.

℄ Drive
8'
1-4
New 24"x8' ACCGMP(.064)
Remove Hdwl.
TYPICAL 288+44 Rt.

Rev. P.I. 284+50 = 284+50

GEO. BARNES

285+06 36" RCP
Retain Pipe - Remove & Relay 8'@ Outlet
Remove top 1' of Hdwl. - Construct Special Ditch (200' Inlet X 25'@ Outlet) See Typical Above
#4 PIPE @ 0% 5@ RCP
NLET W/ 8' EXTEND NLET W/ 8'

Remove 4-18" Elms @ Outlet

Clear Brush & Trees To R.O.W. Line

house

SURVEY P.I. 289+00.0
288+99.6
Δ 3°-57' Rt.
D 0°-30'

QUENNEVILLE

barn

288+55 Lt. - 292+30 Lt.
Grade Shim & Pave Existing 8' Shldr. Lt. - 2' Bit. Concrete Pvmt.

P.O.S.T. 292+86.4 = 0+00 SIDE LINE
Δ 97°34' Lt.

pasture

T.H. #5

50'R

Lawn Sign

Tr. Dr. 16' Barn Yd.

3-1" Spruce 12' Spc.

2-6" Pine

Lawn Field

N22°49'E

N26°12'E

Rev. P.I. 294+01.1 = 294+00.8

Special Ditch w/ Stone Fill Type I

field

Q QUENNEVILLE

285+50 Rt. - 295+34 Rt.
Neuv. 33"x 24" x 40' CSP Arch (0.079)
2 2/3" x 1/2" Corrugation w/ CSP Arch End Section

294+60 Lt. - 300+00 Rt.
Special Ditch w/ Stone Fill, Type I

298+50 Lt.
Existing 15" ACCGMP - Retain
294+60 Lt.
Existing 15" ACCGMP - Retain
New 15" CSP

2" Spruce 12' Spc.
2" Spruce 12' Spc.
2" Spruce 12' Spc.

Rev Curve
Δ 3°28' Rt
D 0°30'
R 11459.5
T 336.3
L 676.7
E 5.0

UND. TEL (CANTEL) EXACT LOCATION UNKNOWN

BRIDPORT 284+00 ~ 300+00
MM 5.38 ~ MM 5.68

Rev. P.I. 297+36.5

Rev. P.C. 290+42.6

Rev. P.C. 294+60

Rev. P.I. 297+36.5

Rev Curve
Δ 7°36' Rt
D 0°15'
R 22918.6
T 300.0
L 600.0
E 2.2
Do Not Bank

1°34' Rt.

313.3
626.7

Heavy Duty Steel Beam Gr.
283+79 - 284+04 Lt.
284+07 - 284+42 Lt.
283+79 - 284+01 Rt.
284+17 - 284+42 Rt.

IF POSSIBLE

10" E Sta.

Remove Hdwls 15" C.S.P. (.064) Typical

24" ACCGMP
Flush Pipe - Remove Hdwl
New 24" x 16' CSP (.064)
Bevel Ends - See Typical

Sta. 284+00 - Sta. 285+50
10" Sub-base of Gravel

Sta. 285+60 - Sta. 300+90
Sloping Banks of Gravel

Sta. 297+75 - Sta. 300+90
12" Sub-base of Gravel

Grade 2-1/2
For Construction
Top Soil Grade

Sand Fill Material

SHEET 163 of 420 SHEETS
SHEET 163 OF 477

REMOVAL AND DISPOSAL OF GUARD RAIL

Lt 305+16 ~ 307+74 ✓ Rt 305+00 ~ 311+00 ✓

CONSTRUCT DRIVE

Lt 304+10 (20' wide) GRAVEL ✓ Rt 301+02 (16' wide) GRAVEL ✓ 302+93 (14' wide) GRAVEL ✓

BM 1 Asmd. Elev. 500.00

POT 303+00.0

304+05 Lt ~ 18" CGMP Remove, Relay & Extend w/ New 18" x 44' CSP (.064)

306+77 150" ϕ Corr. Galv. Mett. Plate Pipe Arch w/ Ret. Hdwl. T1"-45° Rt.

306+70 Lt ~ 308+00 Lt Special Ditch w/ Stone Fill Type I

307+50 Lt ~ 308+00 Lt New 6'x6' Underdrain Carrier Pipe w/ Flushing Basin

308+00 Lt ~ 312+50 3'+8 Lt New 6'x3'0" Underdrain 440'

308+00 Lt ~ 311+00 Lt Special Ditch w/ Erosion Matting 310+35 Lt New 6'+6'0" UID

MAG. 1946

MM 0221 0102 0580

Exist R.O.W.

Field

VHB

P.MB 12"AC E.MB MB E

N 26°12'E

TO BRIDPORT-SHOREHAM T.L.

4 Trees SAVE

Lawn

Brush & Trees

Brush

TO BRIDPORT-ADDISON T.L.

300+00 Rt ~ 300+86 Rt Special Ditch w/ Stone Fill Type I

301+02 Rt 18" CGMP Remove 1 Reduce 1-18"x12"x40' CSP 1-Flush Sump Structure

301+02 Rt 18" CGMP Remove 1-18"x12"x40' CSP Arch (0.079) New 2-29"x44' CSP End Section

302+15 Lt Existing 6" ϕ Drain Shorten & Relay

302+73 Rt ~ 302+94 Rt Special Ditch w/ Stone Fill Type I

302+73 Rt 24" CGMP Remove 1-24"x20' CSP Arch (0.079) New 2-29"x44' CSP End Section

303+03 Rt ~ 306+90 Rt Special Ditch w/ Stone Fill, Type I

303+03 Rt 24" CGMP Remove 1-24"x20' CSP Arch (0.079) New 2-29"x44' CSP End Section

306+10 Lt Existing 6" ϕ Drain Shorten & Relay

306+36 Lt

RELOCATE MAILBOX SINGLE SUPPORT
301+20 Lt.
303+10 Lt.
303+80 Lt.

BRIDPORT 300+00 ~ 311+00
MM 5.68 ~ MM 5.89

Δ 31°-46' Rt
D 3°-00'
R 1909.86
T 543.44
L 1058.89
E 75.81
2T-L 27.99
Bank 0.053 FH/FT

PLAN SCALE

BEGIN APPROACH CONST.

310+50 Begin Full Depth Subbase Repair Area

See Sheet 150 of 420 for Details

310+50 Begin Full Depth Subbase Repair Area

REMOVAL OF EXISTING FENCE

Lt ~~300+00 ~ 307+40~~ (NON-PART.) Rt ~~307+15 (30 Ft)~~ (NON-PART.)

GEOTEXTILE FABRIC FOR SILT FENCE

305+00 LT ~ 306+50 LT 307+00 RT + 311+00 RT ✓

GEOTEXTILE FABRIC FOR FILTERS

310+40 ~ 311+00 (Subgrade) ✓
307+50 Lt ~ 311+00 Lt. (Underdrain) ✓

CLEARING & GRUBBING

Lt 305+00 ~ 311+00 (to Const. Limits) ✓

Rt 304+50 ~ 307+00 (to const. Limits) ✓
310+00 ~ 311+00 (to const. Limits) ✓

COLD PLANING

309+00 ~ 309+50 ✓

SAND BORROW

310+37 ~ 311+00 ✓

STONE FILL, TYPE II

307+50 Rt. ~ 311+00 Rt.

BREAKAWAY CABLE TERMINAL

Lt ~~304+25 - 304+50~~ ~~309+50 - 309+75~~ 304+37.5 - 307+62.5

Rt 303+25 - 303+50 ✓

STEEL BEAM GUARD RAIL

Lt 304+50 - 309+50 ✓ 62.5

Rt 303+50 - 311+00 ✓

+3.1600%

Stone El. 473.51 120" ϕ Plate Pipe

520 510 500 490 480 470

10' 50' PROFILE SCALE

300 301 302 303 304 305 306 307 308 309 310 311

SHOREHAM-BRIDPORT-ADDISON F017-1(2) Page 164 of 420

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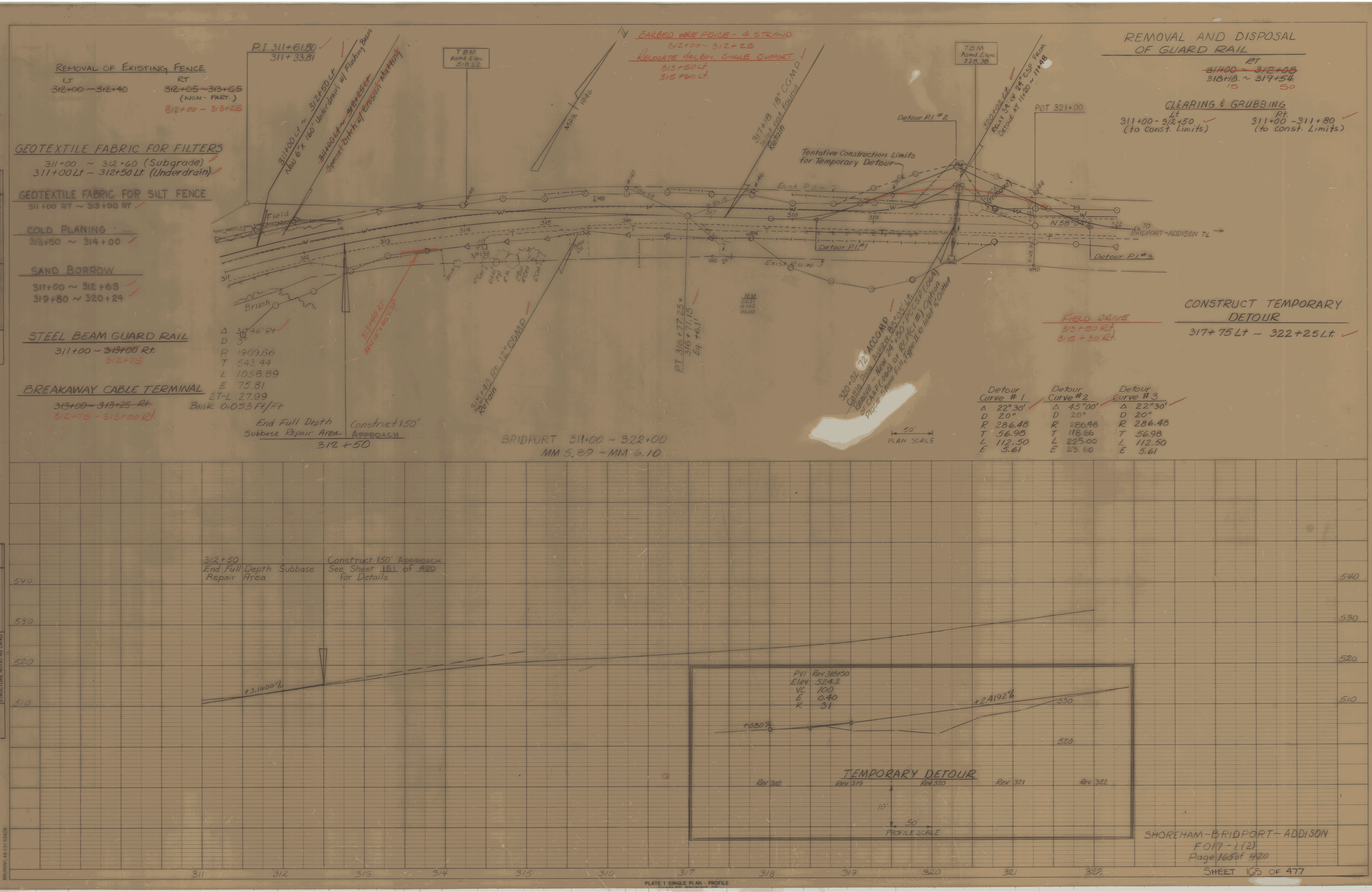
PLATE 1 SINGLE PLAN - PROFILE

BRUNING 44-1315428



REMOVAL AND DISPOSAL OF GUARD RAIL
RT
~~311+00 ~ 312+08~~
318+18 ~ 319+54
15 50
CLEARING & GRUBBING
Lt. 311+00 ~ 312+50 (to const. Limits)
Rt. 311+00 ~ 311+80 (to const. Limits)
REMOVAL OF EXISTING FENCE
LT ~~312+00 ~ 312+40~~
RT ~~312+05 ~ 313+65~~ (NON-PART.)
312+00 ~ 313+25
GEOTEXTILE FABRIC FOR FILTERS
311+00 ~ 312+60 (Subgrade)
311+00 Lt ~ 312+50 Lt. (Underdrain)
GEOTEXTILE FABRIC FOR SILT FENCE
311+00 RT ~ 313+00 RT
COLD PLANING
313+50 ~ 314+00
SAND BORROW
311+00 ~ 312+63
319+80 ~ 320+24
STEEL BEAM GUARD RAIL
311+00 ~ ~~313+00~~ Rt.
312+75
BREAKAWAY CABLE TERMINAL
~~313+00 ~ 313+25 Rt.~~
312+75 ~ 313+00 Rt.
P.I. 311+61.80
311+33.81
311+00 Lt ~ 312+50 Lt New 6"x 160' Underdrain w/ Flushing Basin
~~311+00 Lt ~ 312+25 Lt Special Ditch w/ Erosion Matting~~
TBM Asmd. Elev. 518.22
MAG. 1946
BARBED WIRE FENCE - 4 STRAND
312+00 ~ 312+25
RELOCATE MAILBOX, SINGLE SUPPORT
313+50 Lt.
315+60 Lt.
317+18 18" CGMP Inlet not found Retain
TBM Asmd. Elev. 528.38
320+02 Lt. RELAY 34' OF 24" CSP FROM DETOUR AT 11+20 ~ 11+48
POT 321+00
Detour P.I. #2
Tentative Construction Limits for Temporary Detour
Exist. P.O.W.
Field
Brush
N 58°04'
TO BRIDPORT ~ ADDISON TL
Detour P.I. #1
Detour P.I. #3
313+40 RT New 18"x 40' CSP
315+40 Rt. 12" CGMP Retain
PT 316+77.25 = 316+71.15 Eq. +6.1'
320+02 72" ACCGMP Cattle Pass Asbestos 85°05' Lt. Remove ~ New 24"x 80' PCCSP (.064) or CAAP (.060) or RCP (CI III) Option Place Stone Fill, Type II @ Inlet & Outlet
FIELD DRIVE
313+50 Rt.
315+30 Rt.
CONSTRUCT TEMPORARY DETOUR
317+75 Lt ~ 322+25 Lt.
Δ 31°46' Rt.
D 3°
R 1909.86
T 543.44
L 1058.89
E 75.81
2T-L 27.99
Bank 0.053 Ft/Ft
End Full Depth Subbase Repair Area
Construct 150' APPROACH
312+50
BRIDPORT 311+00 ~ 322+00
MM 5.89 ~ MM 6.10
PLAN SCALE
Detour Curve #1
Δ 22°30'
D 20°
R 286.48
T 56.98
L 112.50
E 5.61
Detour Curve #2
Δ 45°00'
D 20°
R 286.48
T 118.66
L 225.00
E 23.60
Detour Curve #3
Δ 22°30'
D 20°
R 286.48
T 56.98
L 112.50
E 5.61
312+50
End Full Depth Subbase Repair Area
Construct 150' APPROACH
See Sheet 151 of 420 for Details
+3.1600%
PVI Rev 318+50
Elev 524.2
VC 100
E 0.40
K 31
+0.80%
+2.4192%
TEMPORARY DETOUR
Rev 318
Rev 319
Rev 320
Rev 321
Rev 322
10'
50'
PROFILE SCALE
540
530
520
510
311
312
313
314
315
316
317
318
319
320
321
322
SHOREHAM ~ BRIDPORT ~ ADDISON
F017-1(2)
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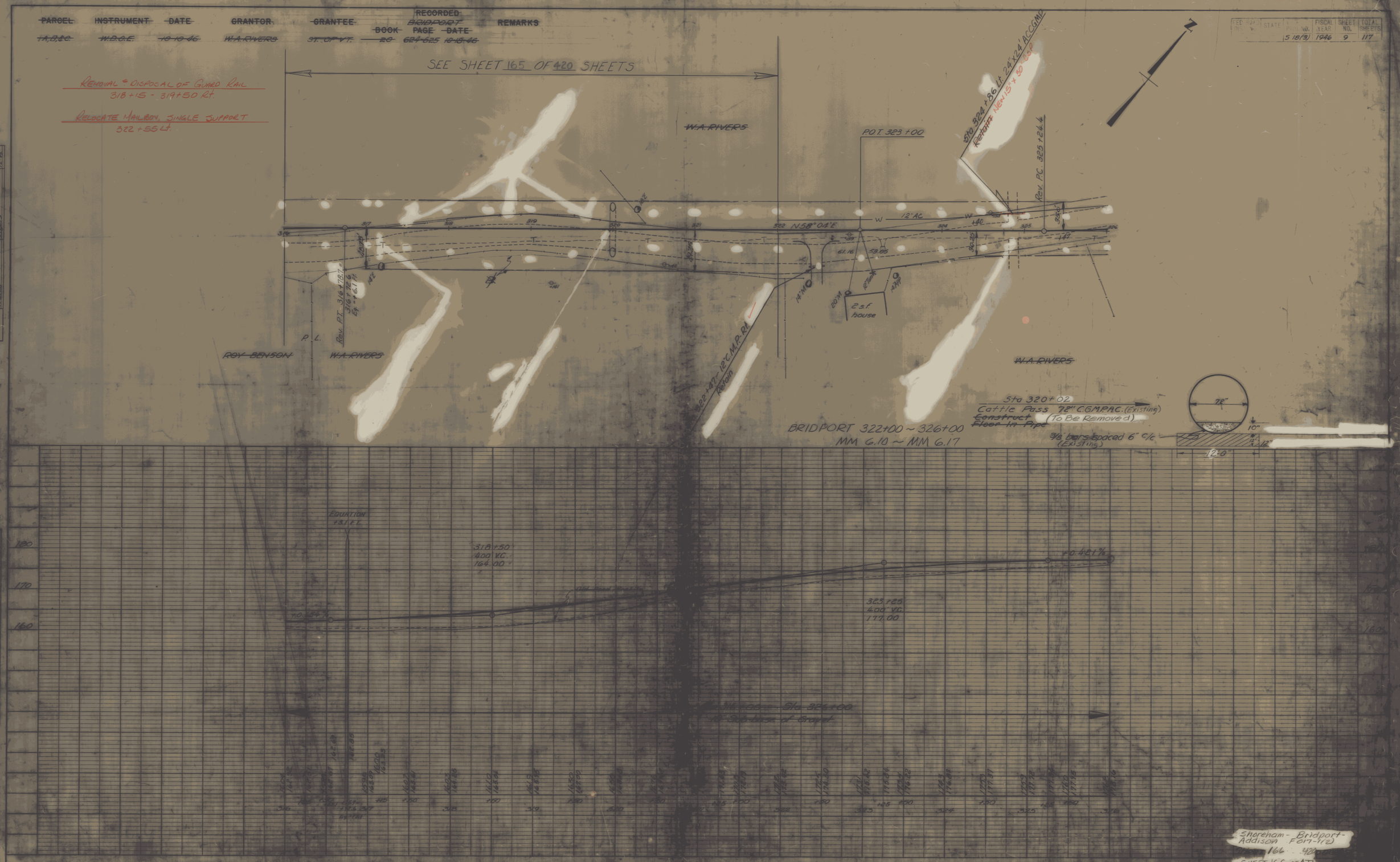
SHEET 165 OF 477
PLATE 1 SINGLE PLAN - PROFILE

PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED BOOK	RECORDED PAGE	RECORDED DATE	REMARKS
~~1A,B,&C~~	~~W.D.O.E.~~	~~10-10-46~~	~~W.A. RIVERS~~	~~ST. OF VT.~~	~~20~~	~~624-625~~	~~10-18-46~~	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
		S 18(3)	1946	9	117



Shoreham - Bridport - Addison F017-1(2)

166 420

SHEET 166 OF 477

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
8	VT.	S 18(3)	1946	10	117

FIELD DRIVE
341+60 Rt.

REMOVAL OF EXISTING FENCE (NON-PART.)
335+00 - 348+00 Rt.

P.O.T. 3+42.4

RELOCATE MAILBOX, SNOW SUPPORT
333+50 Lt.

W. A. RIVERS

Rev. Curve
Δ 29°16' Lt.
D 2° 30'
R 2291.8
T 598.4
L 1170.7
E 76.8
Bank 3/8" per ft.

Town Road

shed

house

OLIVER CHARLEBOIS

EDWARD C. BRILEYA

field

Rev. P.T. 336+951 =
336+799.4
Eq = 41.3'

Aerial

N 28°40' E

N 38°04' E

24" Stump
Remove

barn

barn yard

milk house

pasture

W. A. RIVERS

SEE SHEET 168 OF 420 SHEETS

OLIVER CHARLEBOIS

P.O.S.T. 334+23.9

Rev. P.I. 331+22.8 =
330+96.7

BRIDPORT 326+00 ~ 333+00
MM 6.17 ~ MM 6.30

Surv. P.I. 331+22.8
Δ 29°16' Lt.
D 3°

Survey
P.O.C. 333+31.0 =
SIDE LINE 0+00
Δ 105°40' Lt.

BRIDPORT

ADDISON

PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED ADDISON BOOK	PAGE	DATE	REMARKS
A, B, & C	W.D.O.E.	10-10-46	OLIVER & CLARA M. CHARLEBOIS	ST. OF VT.	29	265-266	10-19-46	

Begin Construction
On Side Line
Sta. Sta. 0+24.0

End Construction
On Side Line
Sta. Sta. 1+95.0

Sta. 326+00 - Sta. 330+00
18" Sub-base of Gravel

Sta. 330+00 - Sta. 339+50
Shoring Course of Gravel

Sta. 339+50 - Sta. 342+00
18" Sub-base of Gravel

Equation - 4.5ft.

-2.63% ↓

Old road Profile

FOR INFORMATION ONLY

FOR INFORMATION ONLY
SHEET 167 OF 420
SHEET 167 OF 477

Note: Gravel drive @ Station 333+60± Lt. will be graded over with topsoil; seeded and mulched as directed by the Engineer.

Δ = 29°16' Lt.
D = 2°30'
R = 2291.8
T = 598.4
L = 1170.7
E = 76.8

MM 0221 0102 0630

MM 0221 0101 0001

TOWN OF BRIDPORT ADDISON

APPROX. TOWN LINE

TH 45 10+85 Rt. CMP-Retain

New 15"x38' CSP (.064")

Approx. Location of Garage

APPROX. LOCATION OF DRIVE

house

Garage

Drive

Septic Tank

4" Plastic Pipe (Abd.)

Construct Special Ditch w/ Erosion Matting 333+70 - 335+16 Lt.

335+50 Lt. New 17"x13"x30' CSP (.064")

Construct Special Ditch (Common Exc.) 335+76 - 336+25 Lt.

Rev. PT 336+95.1 = 336+98.4 Eq = -4.3'

Approximate Proposed Aerial Route

MAG CIRCA 1946

N

CONSTRUCT APPROACH
333+24 Lt TH # 45
333+24 Rt TH # 9

BARBED WIRE FENCE - 4 STRAND
335+00 - 341+65 Rt.

24" M.ST. (REMOVE) 2 K

Aerial

12" AC

Red Pine

Old Conc. Fndtn.

Silo

Remove Pole

Exist. R.O.W.

N 28°48' E

CONSTRUCT DRIVE
335+50 Lt. (14' Wide) GRAVEL
341+65 Rt. (22' wide) GRAVEL
TH 45 10+85 Rt. (16' Wide) GRAVEL

PLAN SCALE 50'

341+00 - 341+44 Rt. Construct Special Ditch w/ Erosion Matting (Common Exc.)

New 21"x15"x52' CSP (.064") ASTM 3-33-15-52 Rt.

341+84 - 342+00 Rt. Construct Special Ditch w/ Erosion Matting (Common Exc.)

Rev. PI 331+82.8 = 330+96.7

BRIDPORT-ADDISON 333+00 - 342+50
MM 6.30 - MM 0.17

500
490
480

PROFILE SCALE 10' 50'

333 334 335 336 337 338 339 340 341 342

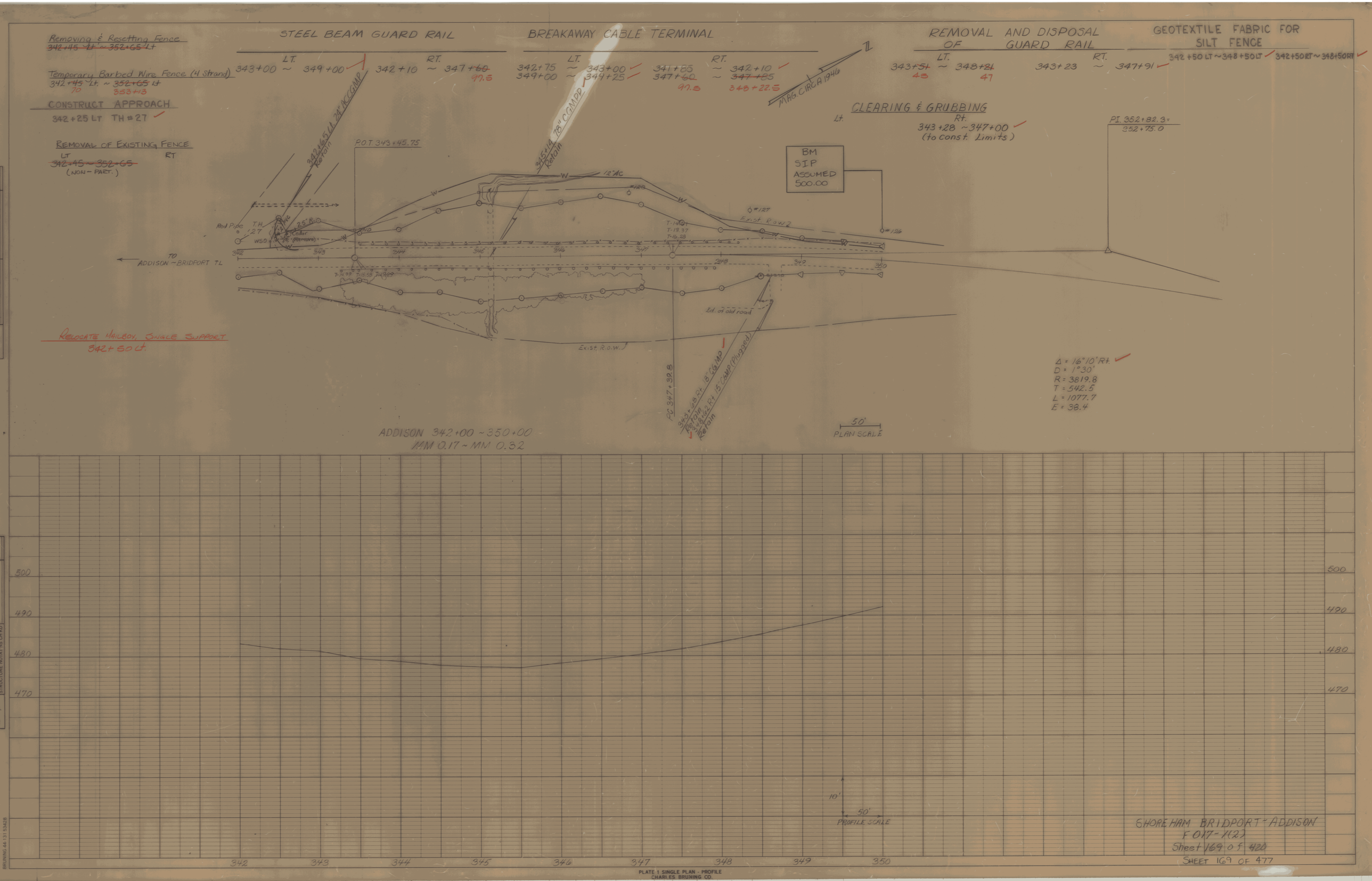
SHOREHAM-BRIDPORT-ADDISON
FOX-1(2)
Sheet 168 of 420

SHEET 168 OF 477

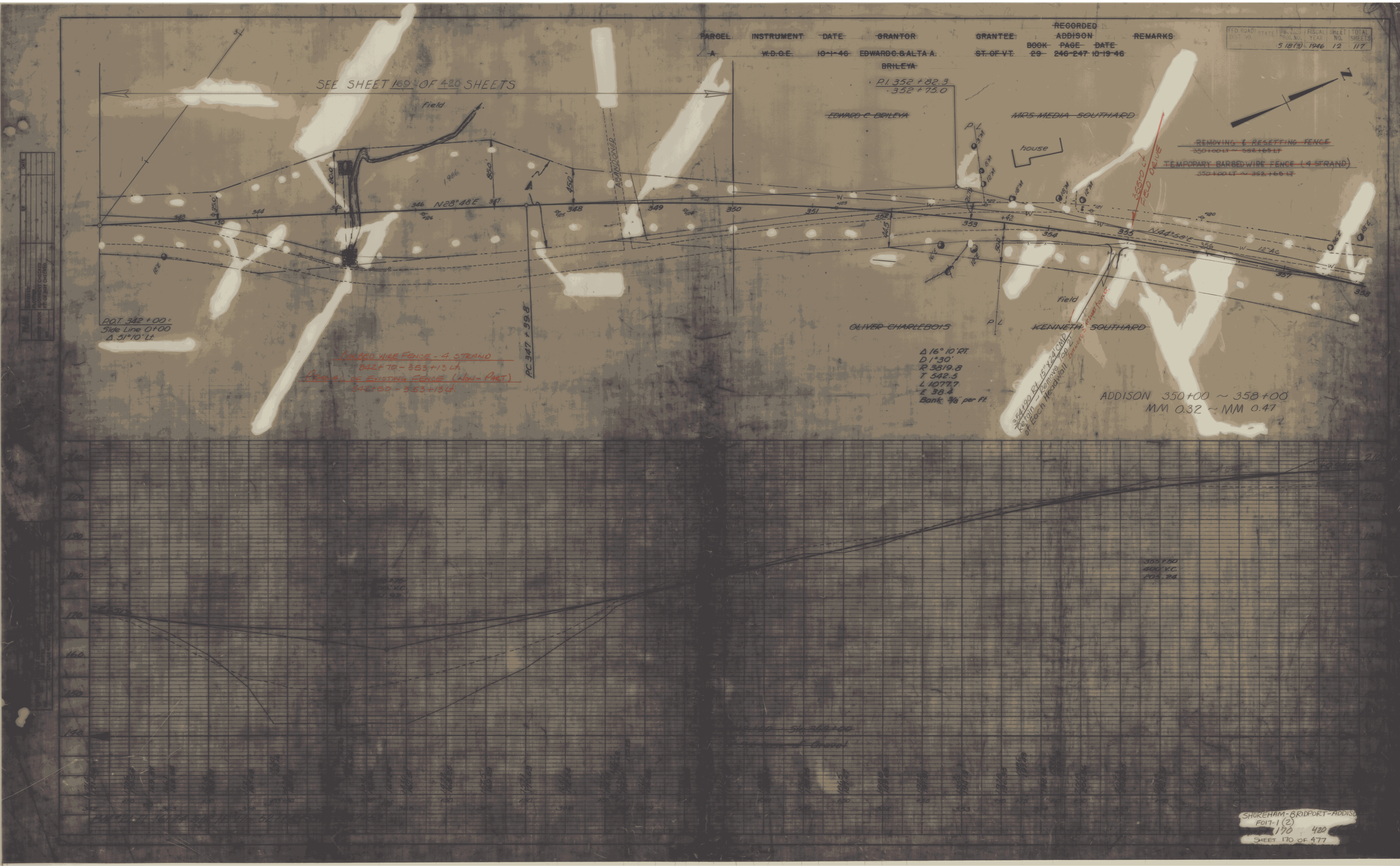
PLATE 1 SINGLE PLAN - PROFILE
CHARLES BRUNING CO.

BRUNING 44-131 53428

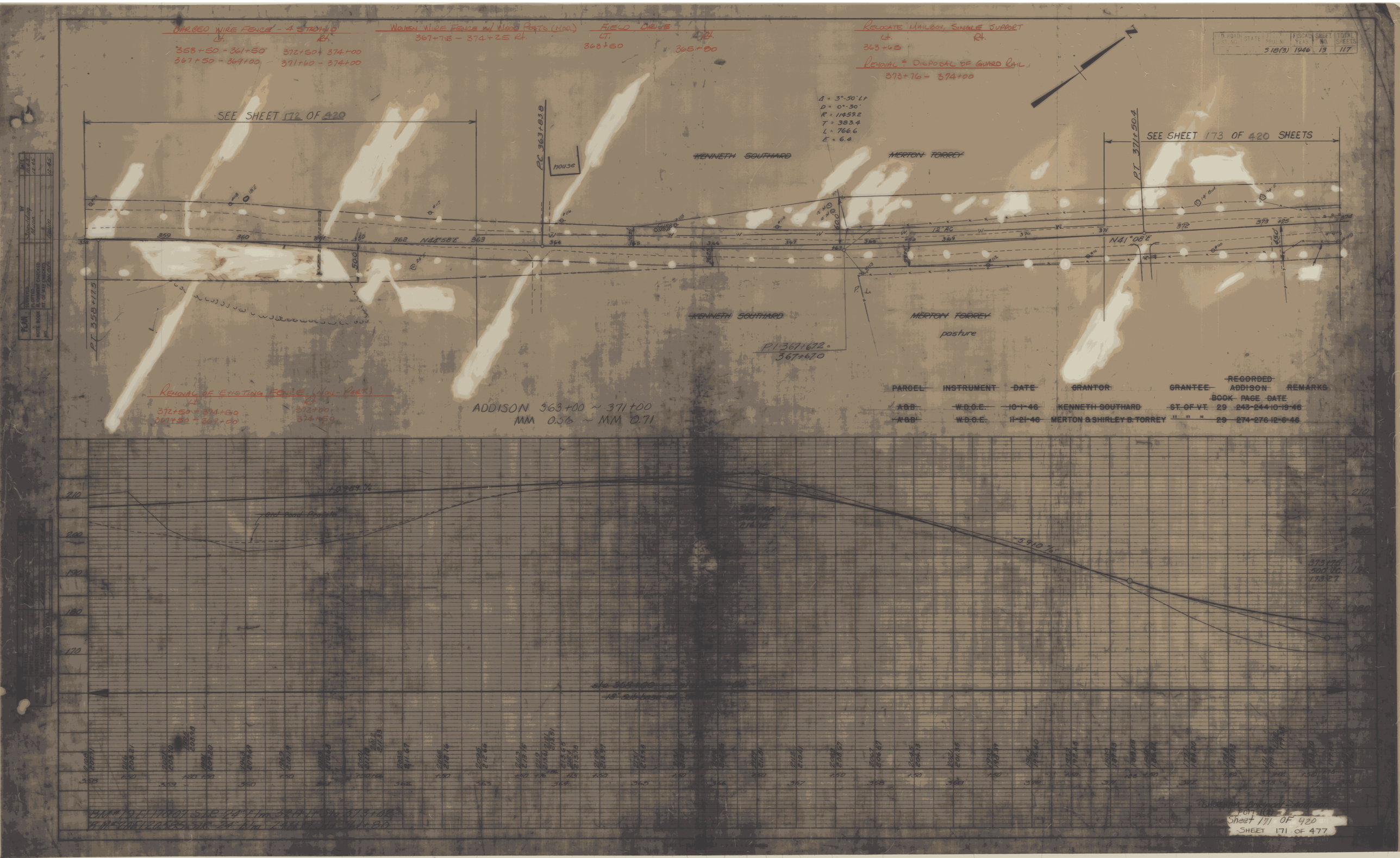
STRUCTURE NO. (IF ANY) OR ID



Removing & Resetting Fence
~~342+45 Lt ~ 352+65 Lt~~
Temporary Barbed Wire Fence (4 Strand)
342+~~45~~ 70 Lt. ~ ~~352+65~~ 353+13 Lt
CONSTRUCT APPROACH
342+25 LT TH #27
REMOVAL OF EXISTING FENCE
LT RT
~~342+45 ~ 352+65~~
(NON-PART.)
STEEL BEAM GUARD RAIL
LT. 343+00 ~ 349+00
RT. 342+10 ~ 347+~~60~~ 97.5
BREAKAWAY CABLE TERMINAL
LT. 342+75 ~ 343+00
349+00 ~ 349+25
RT. 341+85 ~ 342+10
347+~~60~~ 97.5 ~ ~~347+85~~ 348+22.5
REMOVAL AND DISPOSAL OF GUARD RAIL
LT. 343+~~51~~ 45 ~ 348+~~21~~ 47
RT. 343+23 ~ 347+91
GEOTEXTILE FABRIC FOR SILT FENCE
342+50 LT ~ 348+50 LT
342+50 RT ~ 348+50 RT
MAG. CIRCA 1946
CLEARING & GRUBBING
Lt. Rt.
343+28 ~ 347+00
(to const. Limits)
P.I. 352+82.3 = 352+75.0
342+65 Lt. 24" ACCGMP Retain
345+14 78" CGMPD Retain
P.O.T. 343+45.75
BM SIP ASSUMED 500.00
12" AC
Exist. R.O.W.
Red Pipe
T.H. 27
TO ADDISON ~ BRIDPORT TL
Ed. of old road
Exist. R.O.W.
PC 347+39.8
Δ = 16°10' Rt.
D = 1°30'
R = 3819.8
T = 542.5
L = 1077.7
E = 38.4
RELOCATE MAILBOX, SINGLE SUPPORT
342+50 Lt.
ADDISON 342+00 ~ 350+00
MM 0.17 ~ MM 0.32
50'
PLAN SCALE
500
490
480
470
10'
50'
PROFILE SCALE
342
343
344
345
346
347
348
349
350
SHOREHAM BRIDPORT ~ ADDISON
F 017-1(2)
Sheet 169 of 420
SHEET 169 OF 477
PLATE 1 SINGLE PLAN - PROFILE
CHARLES BRUNING CO.



PARCEL
INSTRUMENT
DATE
GRANTOR
GRANTEE
RECORDED ADDISON
BOOK
PAGE
DATE
REMARKS
A
W.D.O.E.
10-1-46
EDWARD C. & ALTA A. BRILEYA
ST. OF VT.
29
246-247
10-19-46
FED. ROAD DIST. NO.
STATE
PROJ. NO.
FISCAL YEAR
SHEET NO.
TOTAL SHEETS
5 18(3)
1946
12
117
SEE SHEET 169 OF 420 SHEETS
Field
P.I. 352 + 82.3
352 + 75.0
EDWARD C. BRILEYA
MRS. MEDIA SOUTHARD
house
REMOVING & RESETTING FENCE
350+00 LT ~ 352+65 LT
TEMPORARY BARBEDWIRE FENCE (4 STRAND)
350+00 LT ~ 352+65 LT
355+70 Lt FIELD DRIVE
N28°48'E
N44°58'E
ABANDONED
P.O.T. 342+00 =
Side Line 0+00
Δ 51°10' Lt.
P.C. 347 + 39.8
BARBED WIRE FENCE - 4 STRAND
342+70 - 353+13 Lt.
REMOVAL OF EXISTING FENCE (NON-PART)
342+50 - 353+13 Lt.
OLIVER CHARLEBOIS
KENNETH SOUTHARD
Field
Δ 16° 10' RT.
D 1°30'
R 3819.8
T 542.5
L 1077.7
E 38.4
Bank 3/8" per ft.
354+90 Rt. 15" x 24' CMP
Retain ~ Remove Top 2'
of Each Headwall
ADDISON 350+00 ~ 358+00
MM 0.32 ~ MM 0.47
355+50
400' V.C.
205.24
SHOREHAM-BRIDPORT-ADDISON
F017-1 (2)
170 420
SHEET 170 OF 477



BARBED WIRE FENCE - 4 STRAND
Lt. 358+50 - 361+50
Rt. 372+50 - 374+00
367+50 - 369+00
371+60 - 374+00
WOVEN WIRE FENCE w/ WOOD POSTS (HOD.)
367+75 - 374+25 Rt.
FIELD DRIVE
Lt. 363+50
Rt. 365+80
RELOCATE MAILBOX, SINGLE SUPPORT
Lt. 363+65
Rt.
REMOVAL & DISPOSAL OF GUARD RAIL
373+76 - 374+00
SEE SHEET 172 OF 420
SEE SHEET 173 OF 420 SHEETS
Δ = 3°-50' Lt
D = 0°-30'
R = 11459.2
T = 383.4
L = 766.6
E = 6.4
P.C. 363+83.8
house
KENNETH SOUTHARD
MERTON TORREY
P.T. 371+50.4
N44°58'E
N41°08'E
P.T. 358+17.5
P.I. 367+67.2 = 367+67.0
KENNETH SOUTHARD
MERTON TORREY
pasture
REMOVAL OF EXISTING FENCE (NON-PART.)
Lt. 372+50 - 374+80
Rt. 372+00 - 374+50
367+50 - 369+00
ADDISON 363+00 ~ 371+00
MM 0.56 ~ MM 0.71
PARCEL INSTRUMENT DATE GRANTOR GRANTEE RECORDED ADDISON REMARKS
BOOK PAGE DATE
A&B W.D.O.E. 10-1-46 KENNETH SOUTHARD ST. OF VT. 29 243-244 10-19-46
A'&B' W.D.O.E. 11-21-46 MERTON & SHIRLEY B. TORREY " " " 29 274-276 12-6-46
+0.989 %
-5.910 %
Sheet 171 OF 420
SHEET 171 OF 477

Removal & Disposal of Guard Rail
~~358+79 ~ 361+83 Lt.~~
357+20 - 360+24 Lt

~~Removal & Disposal of Guide Posts~~
~~361+60 Rt. ~ 3 Posts~~

CLEARING & GRUBBING
Lt
358+00 ~ 359+00 (to Const. Limits)
361+50 ~ 362+75 (to Const. Limits)
Rt
359+50 ~ 362+00 (to const Limits)

~~Removing & Resetting Fence~~
~~503+20 Rt ~ 507+30 Rt~~

~~Temporary Barbed Wire Fence (4 Strand)~~
~~503+20 Rt ~ 507+30 Rt.~~

REMOVAL OF EXISTING FENCE
LT
358+40 ~ 360+75
360+75 ~ 361+10 (NON-PART.) 50
RT
~~503+20 Rt ~ 507+30~~ (NON-PART.)

CONSTRUCT DRIVE
507+40 Rt. (23' Wide) GRAVEL

ADDISON
MM 0.47 ~ MM 0.56 (Sta. 358+0 ~ 363+0) See sheet 171 of 420
MM 3.20 ~ MM 3.31 (Sta. 502+0 ~ 508+0) See Sheet ~~182~~ 185 of 420

50 Feet Scale

Scale in Feet

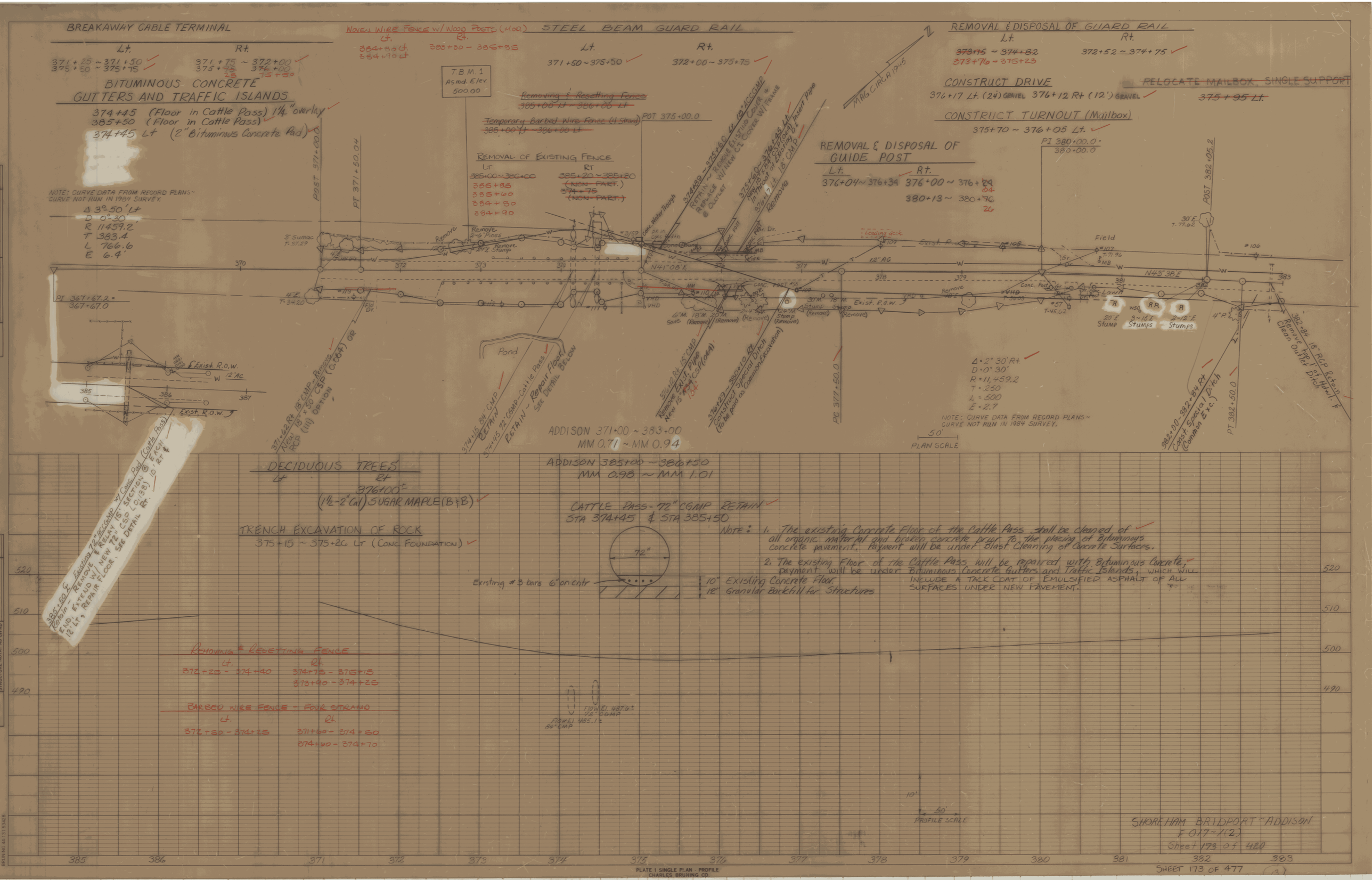
SHOREHAM - BRIDPORT - ADDISON
F017-1(2)
SHEET 172 of 420

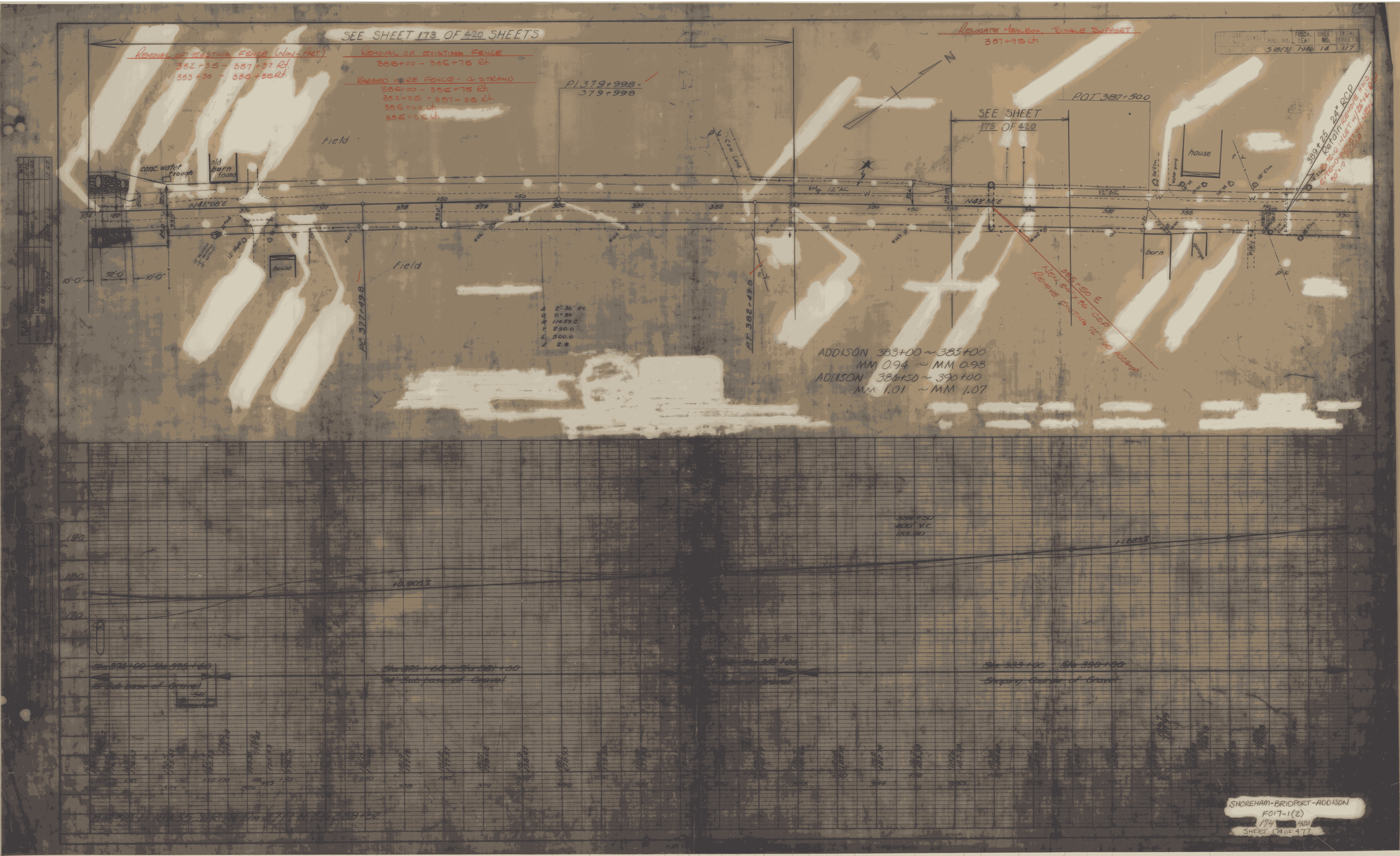
PLATE 1 SINGLE PLAN - PROFILE
CHARLES BRUNING CO.

SHEET 172 OF 477

NO. STRUCTURE NOTATNS CHKD

BRUNING 44-131 53428


BREAKAWAY CABLE TERMINAL
Lt. 371+25 ~ 371+50
375+50 ~ 375+75
Rt. 371+75 ~ 372+00
375+75 ~ 376+00
BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
374+45 (Floor in Cattle Pass) 1¼" overlay
385+50 (Floor in Cattle Pass)
374+45 Lt (2" Bituminous Concrete Pad)
WOVEN WIRE FENCE w/ WOOD POSTS (MOD.)
Lt. 384+80 Lt. 384+90 Lt
Rt. 383+30 ~ 385+85
STEEL BEAM GUARD RAIL
Lt. 371+50 ~ 375+50
Rt. 372+00 ~ 375+75
REMOVAL & DISPOSAL OF GUARD RAIL
Lt. 373+15 ~ 374+82
373+76 ~ 375+23
Rt. 372+52 ~ 374+75
CONSTRUCT DRIVE
376+17 Lt. (24') GRAVEL 376+12 Rt (12') GRAVEL
RELOCATE MAILBOX, SINGLE SUPPORT
375+95 Lt.
CONSTRUCT TURNOUT (Mailbox)
375+70 ~ 376+05 Lt.
REMOVAL & DISPOSAL OF GUIDE POST
Lt. 376+04 ~ 376+34
Rt. 376+00 ~ 376+24
380+13 ~ 380+76
T.B.M. 1 Asmd. Elev. 500.00
Removing & Resetting Fence
385+00 Lt ~ 386+00 Lt
Temporary Barbed Wire Fence (4 Strand)
385+00 Lt ~ 386+00 Lt
REMOVAL OF EXISTING FENCE
Lt 385+00 ~ 386+00
385+85
385+60
384+80
384+90
Rt 385+20 ~ 385+80 (NON-PART.)
374+75 (NON-PART.)
NOTE: CURVE DATA FROM RECORD PLANS ~ CURVE NOT RUN IN 1984 SURVEY.
Δ 3°50' Lt
D 0°30'
R 11459.2
T 383.4
L 766.6
E 6.4'
POST 371+00.0
PT 371+50.04
POT 375+00.0
PI 380+00.0 = 380+00.0
POST 382+05.2
PT 367+67.2 = 367+67.0
N41°08'E
N43°38'E
Pond
Field
Lawn
Exist. R.O.W.
Δ = 2°30' Rt
D = 0°30'
R = 11,459.2
T = 250
L = 500
E = 2.7
NOTE: CURVE DATA FROM RECORD PLANS ~ CURVE NOT RUN IN 1984 SURVEY.
50'
PLAN SCALE
ADDISON 371+00 ~ 383+00
MM 0.71 ~ MM 0.94
ADDISON 385+00 ~ 386+50
MM 0.98 ~ MM 1.01
DECIDUOUS TREES
Lt Rt
376+00±
(1½-2" Cal) SUGAR MAPLE (B&B)
TRENCH EXCAVATION OF ROCK
375+15 ~ 375+26 Lt (CONC FOUNDATION)
CATTLE PASS - 72" CGMP RETAIN
STA 374+45 & STA 385+50
NOTE: 1. The existing Concrete Floor of the Cattle Pass shall be cleaned of all organic material and broken concrete prior to the placing of Bituminous concrete pavement. Payment will be under Blast Cleaning of Concrete Surfaces.
2. The existing Floor of the Cattle Pass will be repaired with Bituminous Concrete, payment will be under Bituminous Concrete Gutters and Traffic Islands, WHICH WILL INCLUDE A TACK COAT OF EMULSIFIED ASPHALT OF ALL SURFACES UNDER NEW PAVEMENT.
72"
Existing #3 bars 6" on cntr
10" Existing Concrete Floor
12" Granular Backfill for Structures
REMOVING & RESETTING FENCE
Lt. 372+25 - 374+40
Rt. 374+75 - 375+15
373+90 - 374+25
BARBED WIRE FENCE - FOUR STRAND
Lt. 372+50 - 374+25
Rt. 371+60 - 374+50
374+60 - 374+70
FLOW EL 487.6± 72" CGMP
FLOW EL 485.1± 84" CMP
10'
50'
PROFILE SCALE
SHOREHAM BRIDPORT ~ ADDISON
F 017-1(2)
Sheet 173 of 420
385 386 371 372 373 374 375 376 377 378 379 380 381 382 383
PLATE 1 SINGLE PLAN - PROFILE
CHARLES BRUNING CO.


SEE SHEET 173 OF 420 SHEETS
REMOVAL OF EXISTING FENCE (NON-PART.)
382+35 - 387+37 Rt.
383+30 - 385+85 Rt.
REMOVAL OF EXISTING FENCE
385+00 - 385+75 Rt.
BARBED WIRE FENCE - 4 STRAND
385+00 - 385+75 Rt.
382+35 - 387+35 Rt.
385+60 Lt.
385+85 Lt.
RELOCATE MAILBOX, SINGLE SUPPORT
387+95 Lt.
PI 379+99.8 = 379+99.8
P.O.T. 387+50.0
SEE SHEET 173 OF 420
field
conc. water trough
old barn found
house
barn
N41°08'E
N43°35'E
12" AC
P.C. 377+49.8
P.T. 382+49.8
Δ 2°30' Rt.
D 0°30'
R 11459.2
T 250.0
L 500.0
E 2.8
ADDISON 383+00 ~ 385+00
MM 0.94 ~ MM 0.98
ADDISON 386+50 ~ 390+00
MM 1.01 ~ MM 1.07
+0.905%
+1.883%
Sta. 374+00 - Sta. 375+60
18" Sub-base of Gravel
Sta. 375+60 - Sta. 381+50
24" Sub-base of Gravel
Sta. 383+00 - Sta. 390+00
Shaping Course of Gravel
SHOREHAM-BRIDPORT-ADDISON
F017-1(2)
SHEET 174 OF 477

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT	S 18(3)	1946	15	117

Removing & Resetting Fence
403+29 Lt. ~ 403+37 Lt.

Temporary Barbed Wire Fence (4 Strand)
403+29 Lt ~ 403+39 Lt

~~POT 395+38.5~~
~~0+00.0 Side Line~~
~~68° 24' Rt.~~

FIELD DRIVE
Lt. 403+75
Rt. 394+50

397+38 18" RCP w/ D.I. Lt.
Askew 119°30' Rt.
Retain – Lower D.I. Walls 1'
and Replace Cover w/ New C.I.

Cow Lane

USC&GS Azimuth Mark "SNAKE"

TH 21

SETH WARNER

Rel. 391+25 Rt. ~ Abl. 391+25 Rt.
Ditch Cleaning (To be paid under All Purpose Excavation Rental & Truck Rental)

Rel. 2+00 Lt. ~ Abl. 2+00 Lt.
Ditch Cleaning (To be paid under All Purpose Excavation Rental & Truck Rental)

Rel. 0+00.0 Side Line
Abl. 0+55.9 Side Line

Surv. Sta. 0+13

Surv. Sta. 1+00

0+50
50' VC
195.85

1+00
50' VC
197.19

RELOCATE VALLEY SINGLE SUPPORT
400+50 Lt.
405+30 Lt.

house

400+86.5 18" RCP askew 109°45' Rt.
Retain
~~Rel. 18" CSP (Corrugated Metal Pipe)~~

SETH WARNER

SETH W. & LORRAINE G. WARNER

P.I.

404+68 Lt.
New 18" RCP (Min.) 3'-0" Top Elev. 1' Below Stone Pad @ Outlet

~~D.W. BUCHANAN~~

ADDISON 390+00 ~ 406+00
MM 1.07 ~ MM 1.38

PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED ADDISON BOOK	PAGE	DATE	REMARKS
	W.D.G.E.	10-10-46	DON W. & LEITA BUCHANAN	ST. OF VT.	29	262	10-19-46	OUTLET DITCH FOR GULY
A,B&C	W.D.G.E.	11-21-46	SETH W. & LORRAINE GAGE WARNER	" " "	29	271-273	12-6-46	

Sta. Rema. 395+62.2 Ahead

377+00
400' VC
199.99

+3.65%

-1.00%

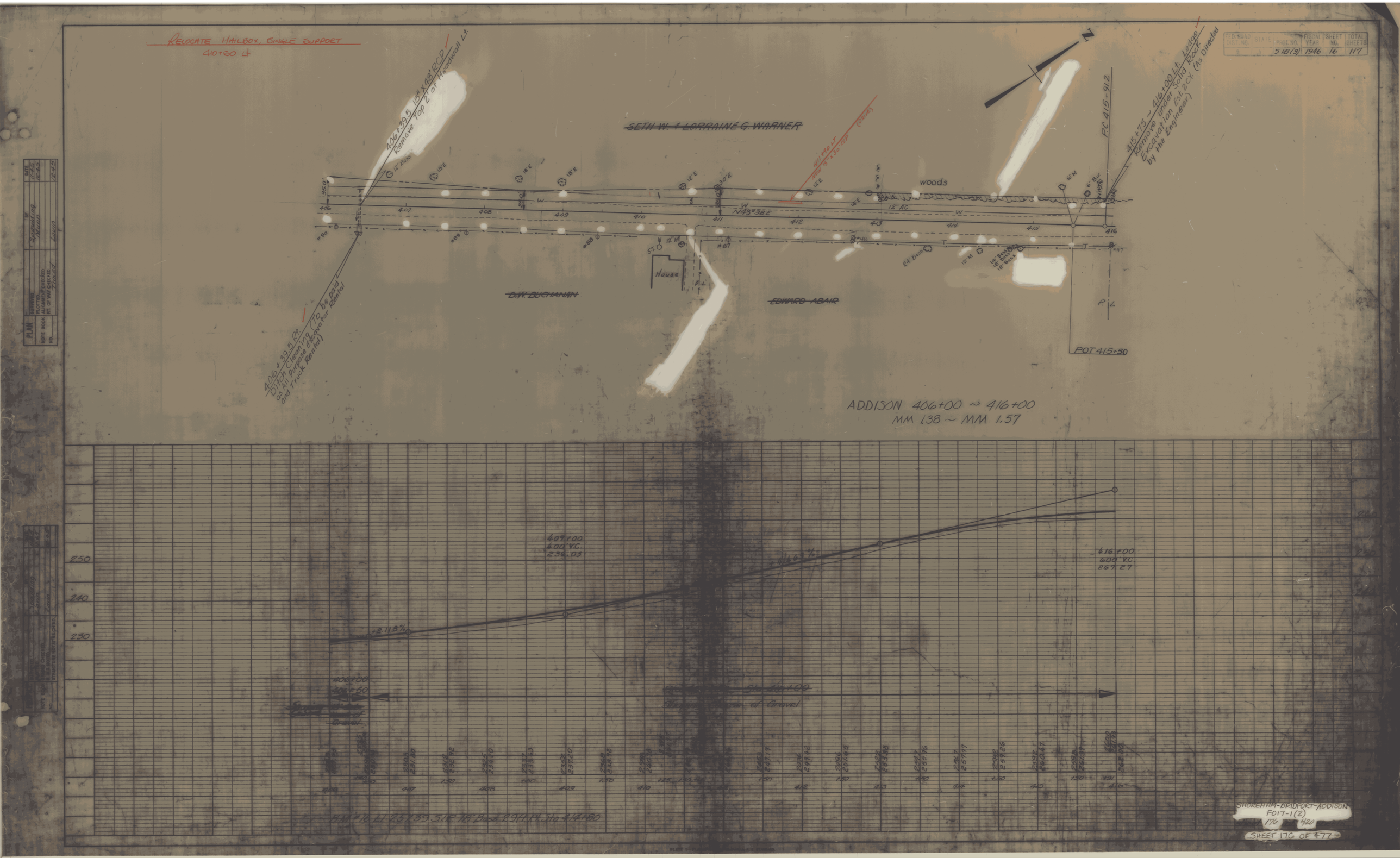
390+00
400' VC
196.50

404+50
400' VC
226.50

+12.11%

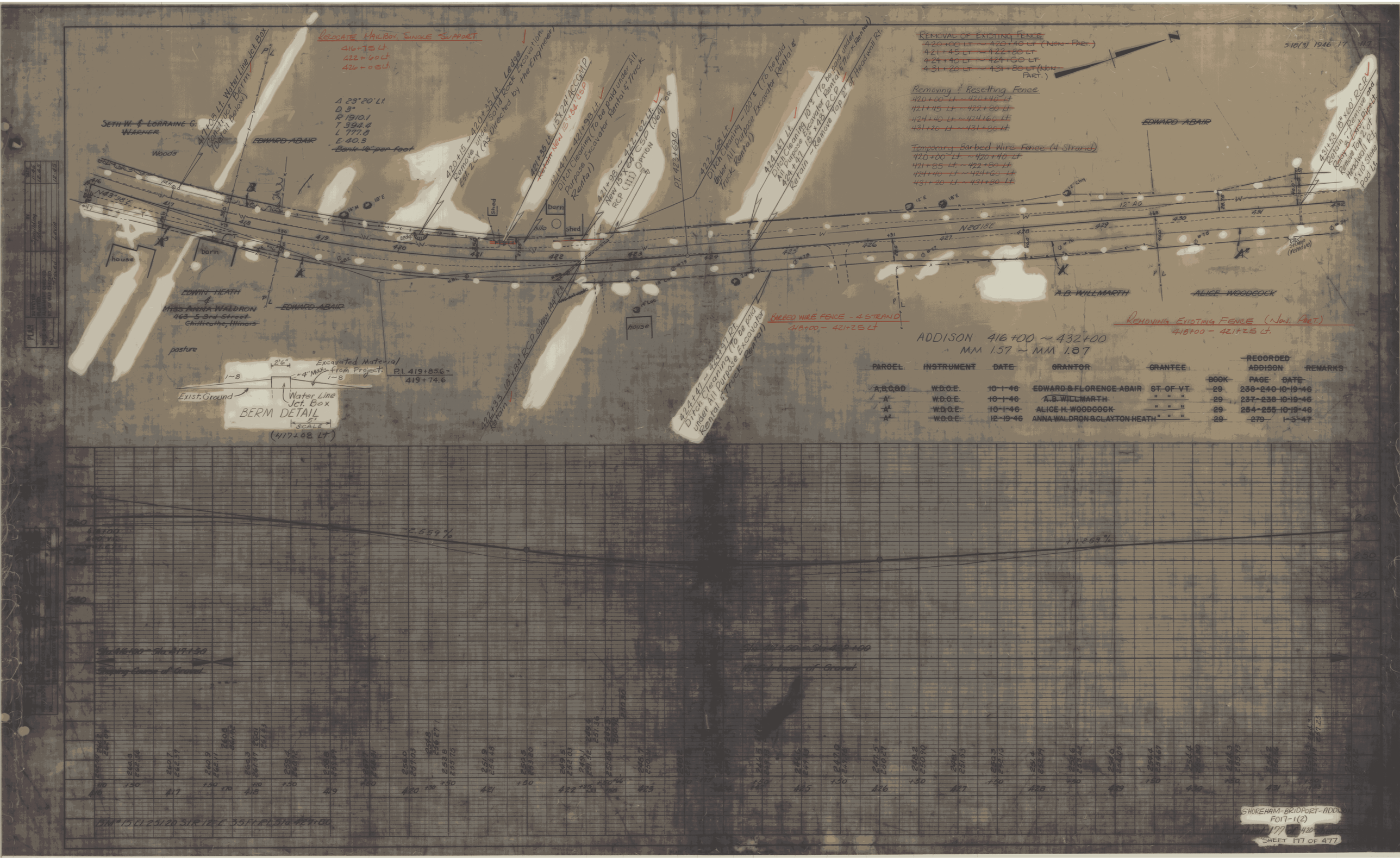
Abl. 404+90
2" Course of Gravel

SHOREHAM-BRIDPORT-ADDIS
F017-1(2)
175 H20
SHEET 175 OF 477



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9		S 18(3)	1946	16	117

SHOREHAM-BRIDPORT-ADDISON
F017-1(2)
176 420
SHEET 176 OF 477

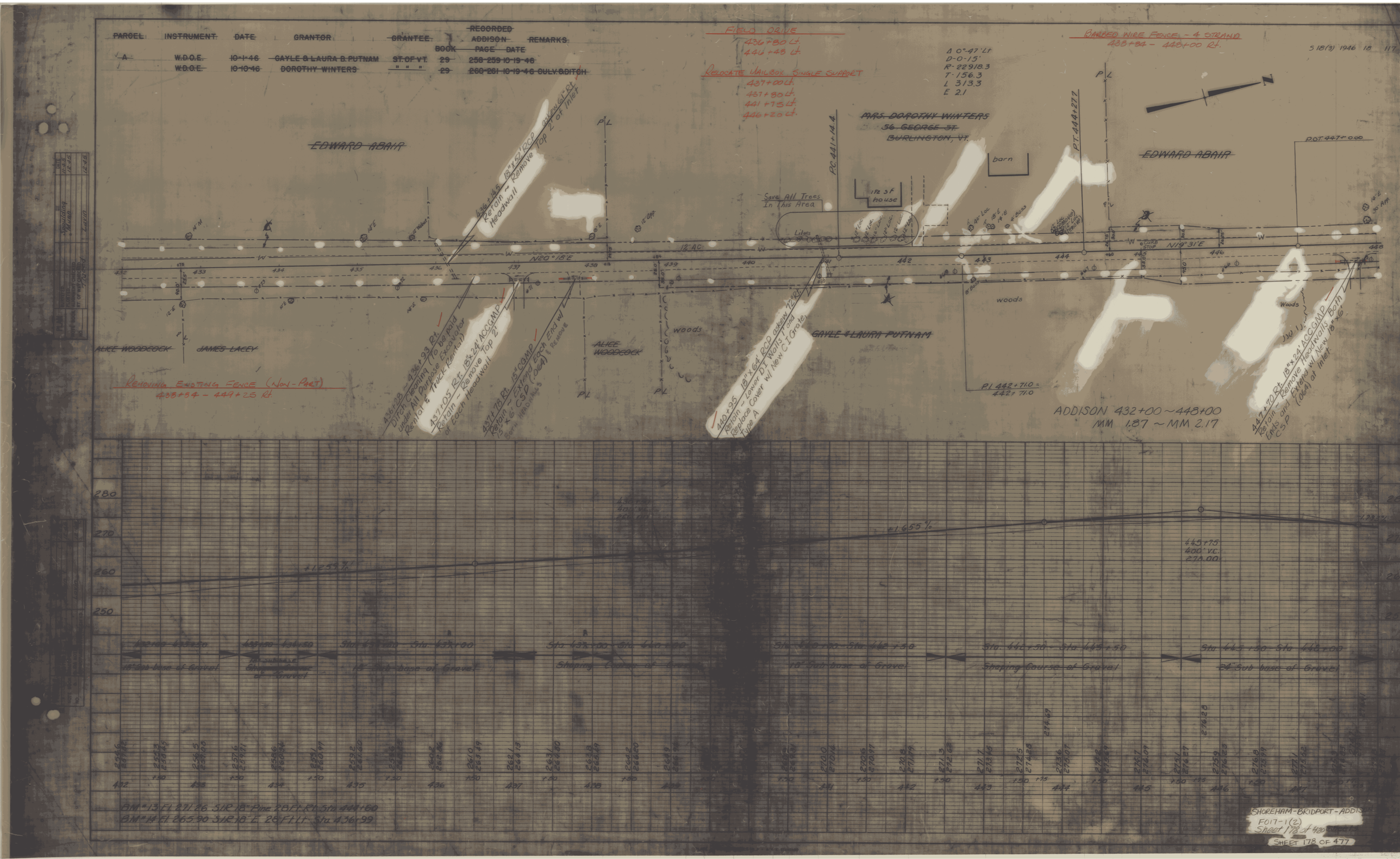


S18(3) 1946 17 117

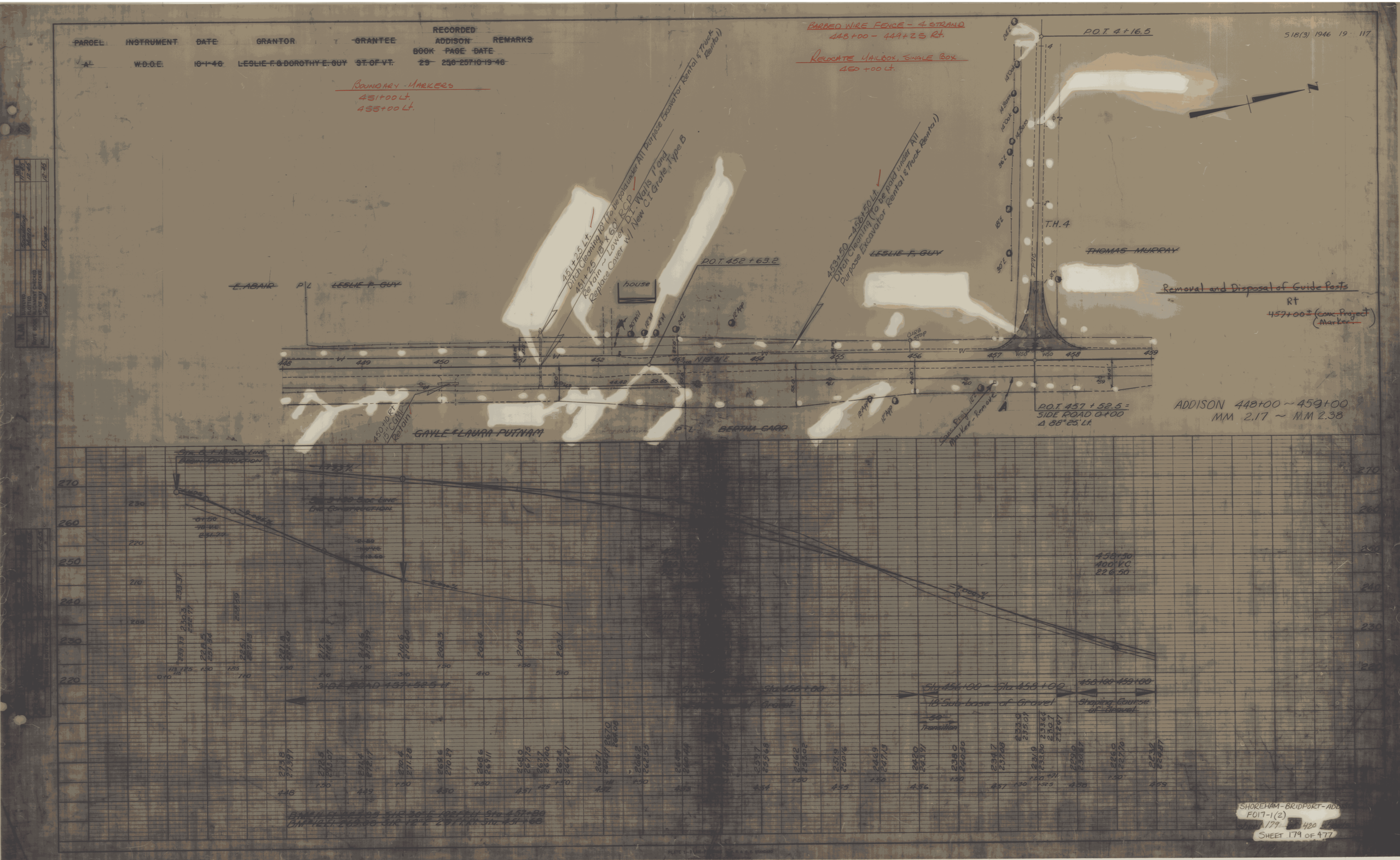
ADDISON 416+00 ~ 432+00
MM 1.57 ~ MM 1.87

PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED ADDISON BOOK	PAGE	DATE	REMARKS
A,B,C,&D	W.D.O.E.	10-1-46	EDWARD & FLORENCE ABAIR	ST. OF VT.	29	238-240	10-19-46	
A¹	W.D.O.E.	10-1-46	A.B. WILLMARTH	" " "	29	237-238	10-19-46	
A²	W.D.O.E.	10-1-46	ALICE H. WOODCOCK	" " "	29	254-255	10-19-46	
A³	W.D.O.E.	12-19-46	ANNA WALDRON & CLAYTON HEATH	" " "	29	279	1-3-47	

SHOREHAM-BRIDPORT-ADDISON
F017-1(2)
Sheet 177 of 420 sheets
SHEET 177 OF 477



PARCEL INSTRUMENT DATE GRANTOR GRANTEE RECORDED ADDISON REMARKS
BOOK PAGE DATE
A W.D.O.E. 10-1-46 GAYLE & LAURA B. PUTNAM ST. OF VT. 29 258-259 10-19-46
W.D.O.E. 10-10-46 DOROTHY WINTERS " " " 29 260-261 10-19-46 CULV. & DITCH
FIELD DRIVE
436+80 Lt.
446+48 Lt.
RELOCATE MAILBOX SINGLE SUPPORT
437+00 Lt.
437+80 Lt.
441+75 Lt.
446+20 Lt.
Δ 0°-47' Lt
D-0-15'
R-22918.3
T-156.3
L 313.3
E 2.1
BARBED WIRE FENCE - 4 STRAND
438+84 - 448+00 Rt.
S 18(3) 1946 18 117
EDWARD ABAIR
MRS. DOROTHY WINTERS
56 GEORGE ST.
BURLINGTON, VT.
barn
1½ sf house
Save All Trees In This Area
Lilacs
P.C. 441+14.4
P.T. 444+27.7
P.O.T. 447+0.00
N20°18'E
N19°31'E
12" AC
woods
ALICE WOODCOCK
JAMES LACEY
GAYLE & LAURA PUTNAM
REMOVING EXISTING FENCE (NON-PART)
438+84 - 449+25 Rt.
436+28 - 436+93 Rt. Ditch Cleaning (To be paid under All Purpose Excavator Rental & Truck Rental)
437+05 Rt. 18"x24' ACCGMP Retain - Remove Top 2' of Each Headwall
437+78 Rt. 15" CGMP Retain - Extend Each End w/ 15"x6' CSP (.064) & Remove Both Headwalls
440+95 18"x64' RCP askew 72° Rt. Retain - Lower D.I. Walls 1' and Replace Cover w/ New C.I. Grate, Type A
P.I. 442+71.0 = 442+71.0
447+70 Rt. 18"x24' ACCGMP Retain - Remove Headwalls Both Ends and Extend w/ New 18"x6' CSP (.064) at Inlet
ADDISON 432+00 ~ 448+00
MM 1.87 ~ MM 2.17
+1.259%
+1.655%
445+75
400' V.C.
278.00
18" Sub base of Gravel
Shaping Course of Gravel
24" Sub base of Gravel
BM #13 El. 271.26 S.I.R. 18" Pine 28 Ft. Rt. Sta. 444+60
BM #14 El. 265.90 S.I.R. 18" E. 28 Ft. Lt. Sta. 436+99
SHOREHAM-BRIDPORT-ADDISON
F017-1(2)
Sheet 178 of 420
SHEET 178 OF 477



PARCEL
INSTRUMENT
DATE
GRANTOR
GRANTEE
RECORDED ADDISON
BOOK
PAGE
DATE
REMARKS
A
W.D.O.E.
10-1-46
LESLIE F. & DOROTHY E. GUY
ST. OF VT.
29
256-257
10-19-46
BOUNDARY - MARKERS
451+00 Lt.
455+00 Lt.
BARBED WIRE FENCE - 4 STRAND
448+00 - 449+25 Rt.
RELOCATE MAILBOX, SINGLE BOX
450+00 Lt.
P.O.T. 4+16.5
518(3) 1946 19 117
N
T.H. 4
THOMAS MURRAY
LESLIE F. GUY
E. ABAIR
P.L.
LESLIE F. GUY
house
P.O.T. 452+63.2
451+25 Lt.
Ditch Cleaning 10' (To be paid under All Purpose Excavator Rental & Truck Rental)
451+25 18" x 60' RCP
Retain ~ Lower D.I. Walls 1' and
Replace Cover w/ New C.I. Grate, Type B
453+50 ~ 456+50 Lt.
Ditch Cleaning (To be paid under All Purpose Excavator Rental & Truck Rental)
Removal and Disposal of Guide Posts
Rt
457+00± (Conc. Project Marker)
P.O.T. 457+52.5 =
SIDE ROAD 0+00
Δ 88°25' Lt.
ADDISON 448+00 ~ 459+00
MM 2.17 ~ MM 2.38
GAYLE & LAURA PUTNAM
P.L.
BERTHA CARR
450+10 Rt.
15" CGMP
Retain
Conc. Proj. 12" Marker - Remove
Sta. 6+13 Side Line
Begin Construction
Sta. 3+80 Side Line
End Construction
SIDE ROAD 457+52.5 Lt.
Sta. 456+00
Sta. 456+00 ~ Sta. 458+00
18" Sub-base of Gravel
Transition
458+50
400' V.C.
226.50
Shaping Course of Gravel
BM #11 El. 225.85 Sta. 30" E 102 Ft. Lt. Sta. 457+80
BM #12 El. 269.00 Sta. 12" E 25 Ft. Rt. Sta. 451+68
SHOREHAM-BRIDPORT-ADD
F017-1(2)
179
420
SHEET 179 OF 477

RELOCATE MAILBOX, SINGLE SUPPORT
461+18 Lt.

WOVEN WIRE FENCE w/ WOOD POSTS (M.00)
461+75 - 472+80 Rt.

REMOVAL OF EXISTING FENCE (NON-PAINT)
461+75 - 472+80 Rt.

FIELD DRIVE
Lt. 463+50
Rt. 464+75

PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED ADDISON BOOK PAGE	DATE	REMARKS
~~A&B~~	~~W.D.O.E.~~	~~10-1-46~~	~~BERTHA P. CARR~~	~~ST. OF VT.~~	~~29 253-254~~	~~10-19-46~~	
~~A'&B'~~	~~W.D.O.E.~~	~~10-1-46~~	~~THOS. E. & LUCIENNE MURRAY~~	~~" " "~~	~~29 249-250~~	~~10-19-46~~	
~~A²~~	~~W.D.O.E.~~	~~10-1-46~~	~~SEWARD SMITH~~	~~" " "~~	~~29 245-246~~	~~10-19-46~~	

5 18(3) 1946 20 117

N

459+44 24"x76' RCP, skew 13°, 30' Rt. Retain - Lower D.I. Walls 2' and Replace Cover w/ New Cast Iron Grate 1 Type B

P.I. 462+35.2
462+35.2

463+20.5 30"x52" RCP ~ Retain
Remove and Replace with New 30"x52" RCP, End Section at Inlet
Remove and Relay 4 Pipe at Outlet
6'x6' Type 1 Stone Paste Outlet

463+50 ~ 464+50 Lt.
Ditching - Clean and Shape To be paid under All Purpose Excavator Rental & Truck Rental
See Typical Below

466+07 Lt.
Ditch Cleaning ~ 35'
To be paid as All Purpose Excavator Rental & Truck Rental

THOMAS MURRAY

P L

SEWARD SMITH

pasture

pasture

house

garage

Save All Trees & Shrubs In This Area

2-18" Maple (Save)

N19°31'E

N21° 03'E

PC 459+08.6

PT 465+61.9

Stump

12" Ash

6 - 8" Spruce Remove

house

BERTHA CARR

461+00 ~ 461+70 Rt.
Ditching - Clean and Shape To be paid under All Purpose Excavator Rental Truck Rental See Typical Right

DITCH TYPICAL
461+00 ~ 461+70 Rt.
463+50 ~ 464+50 Lt.

1~3 1~3

Δ 1°38' Rt.
D 0°15'
R 22918.3
T 326.6
L 653.3
E 2.3

461+70 ~ 463+20 Rt.
Ditch Cleaning ~ To be paid under All Purpose Excavator Rental & Truck Rental

Clear Brush To R.O.W

80' 15" RCP ~ Retain
Remove 8-15" Pipe at Outlet ~ New 48" ϕ ACCUMP ~ Retain
Fill Type 1 Inlet ~ Outlet ~ Lay Rubble Stone
6'x6' CSP Culvert ~ Lay Rubble Stone w/ Stone Fill Type 1 Inlet ~ Outlet

466+28 54" RCP ~ Retain
Remove, Haul ~ New 36" RCP
Remove & Relay 8 of Pipe @ Outlet
6'x8' Type 1 Stone Paste @ Outlet

2-18" Stump Remove

12" Stump Remove

ADDISON 459+00 ~ 474+00
MM 2.38 ~ MM 2.67

Sta 461+50 ~ Sta 463+00
Sloping Course of Gravel

18" Sub-base of Gravel

Sloping Surface of Gravel

464+39.5
675.40
199.50

Sta 463+00 ~ Sta 474+00
18" Sub-base of Gravel

+2.20%

-2.99%

SHOREHAM-BRIDPORT-ADDISON
F017-1(2)
180 420
SHEET 180 OF 477

Relocate Mailbox, Single Support
476+00 Lt.
483+30 Lt.
486+00 Lt.
487+90 Lt.

SEWARD SMITH

P.I. 477+96.2
477+93.8

P.O.C. 479+36.0=
SIDE ROAD 0+00
Δ 82°06' Rt

GRACE McAULEY

479+29 Ashaw 130°30'Rt.
24" RCP
Retain Pipe - Remove H&W.I.
New 24" R.C. End Section
@ Inlet
Grade Stump
Remove

482+30 Lt. - 483+30 Lt.
Clean Ditch (To be Paid as
All Purpose Excavator
Rental & Truck Rental)

483+46 Lt. 18" ACCGMP
Retain Pipe - Remove H&W.I.
New 18" CSPES (.064) @ Inlet
Grade Stump - Remove

483+60 Lt. 6" x 24" x 27' Conc. W.I.
Remove (To be Paid as
EXCAVATION OF ROCK)

FIELD DRIVE
Lt. 480+85
Rt. 484+85

FRED RIVERS

486+23 15" CMP
Retain
Grade Stump

house

483+18 Lt. 18" ACCGMP
Retain Pipe - Remove H&W.I. both ends
New 18" CSPES (.064) @ Inlet

BERTHA CARR

P.C. 474+87.1

474+00 Rt. - 479+00 Rt.
Clean Ditch (To be Paid as All Purpose
Excavator Rental & Truck Rental)

T.H. 17
$0°65 Rt. 24" ACCGMP
Retain Pipe - Remove
Inlet - Remove
New 24" x 12" CSP Extend H&W.I. on
New 24" x 12" CSP Extend H&W.I. on
8'x10' Stone Pad, Type I @ Outlet

Δ 12° 19' Rt.
D 2°
R 2864.9
T 309.1
L 615.8
E 16.7
Bank ¼ per Ft.

WENDELL CAMPBELL

P.T. 481+02.9

GEORGE GARNEAU

Clear Brush to R.O.W. Line (8' approx.)

ADDISON 474+00 ~ 490+00
MM 2.67 ~ MM 2.97

PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED ADDISON BOOK	PAGE	DATE	REMARKS
A	W.D.O.E.	10-1-46	GRACE McAULEY	ST. OF VT.	29	255-256	10-19-46	

P.O.T. 3+23.8

484+93 Rt.
Retain

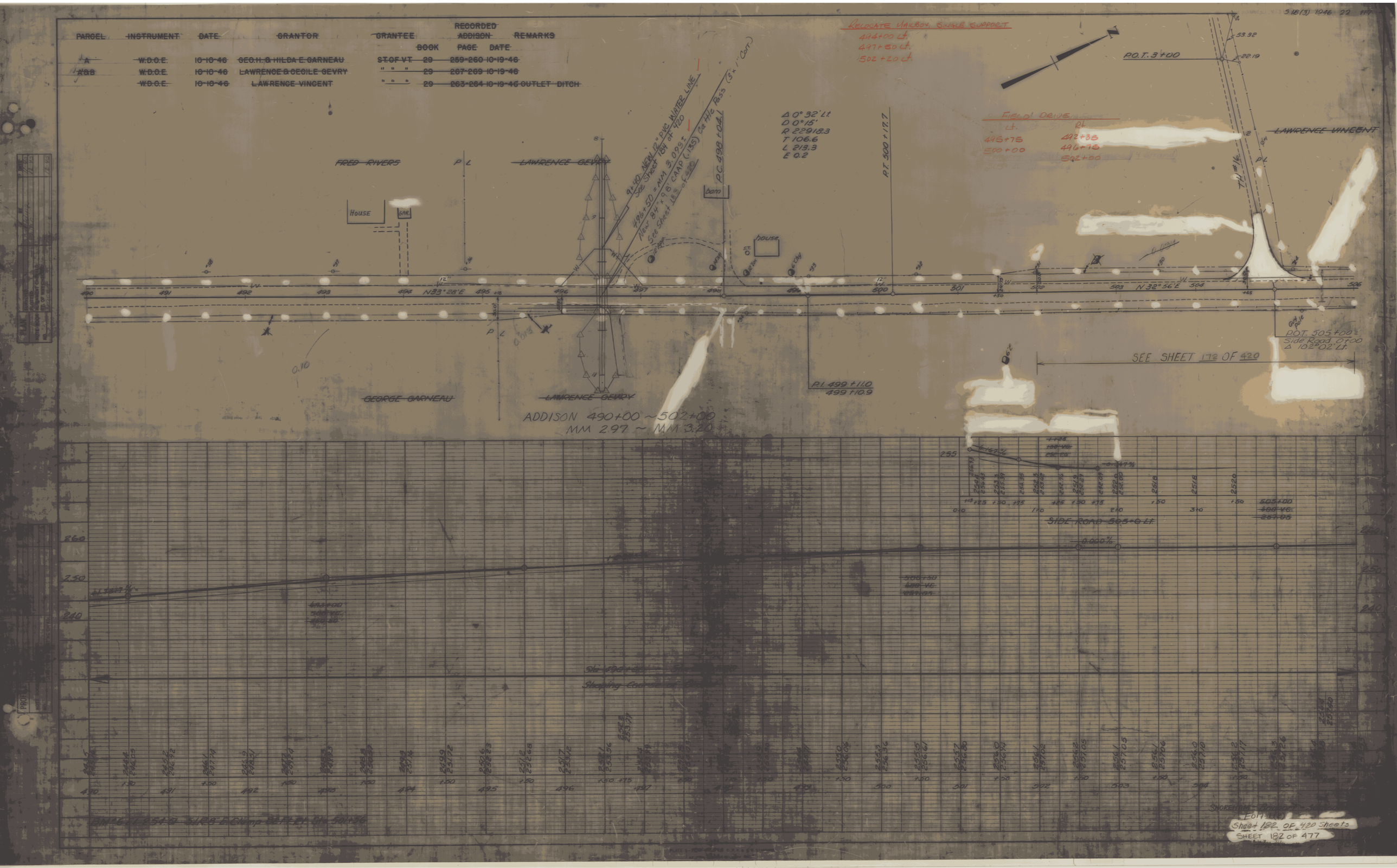
485+36 Rt.
Retain Pipe - Remove H&W.I. both ends
Inlet and Outlet

Sta. 474+00 - Sta. 485+00
19" Subbase of Gravel

Sta. 485+00 - Sta. 490+00
Shoping Course of Gravel

SHOREHAM - Brandon
FOUT-1-0(2)

Sheet 181 of 420 Sheets
SHEET 181 OF 477



PARCEL INSTRUMENT DATE GRANTOR GRANTEE RECORDED ADDISON REMARKS
BOOK PAGE DATE
A W.D.O.E. 10-10-46 GEO.H. & HILDA E. GARNEAU ST. OF VT. 29 259-260 10-19-46
A&B W.D.O.E. 10-10-46 LAWRENCE & CECILE GEVRY " " " 29 267-269 10-19-46
W.D.O.E. 10-10-46 LAWRENCE VINCENT " " " 29 263-264 10-19-46 OUTLET DITCH
RELOCATE MAILBOX, SINGLE SUPPORT
494+00 Lt.
497+50 Lt.
502+20 Lt.
FIELD DRIVE
Lt. 495+75 500+00
Rt. 492+35 496+75 502+00
P.O.T. 3+00
LAWRENCE VINCENT
FRED RIVERS
LAWRENCE GEVRY
GEORGE GARNEAU
LAWRENCE GEVRY
HOUSE
GAR.
bam
house
9+40 NEW 12" PVC WATER LINE
See Sheet 184 of 420
496+50 = MM 3.093±
New 84" x 98' CAAP (.135) Cattle Pass (3'x1' Corr.)
See Sheet 183 of 420
P.C. 498+04.1
P.T. 500+17.7
Δ 0° 32' Lt.
D 0° 15'
R 22918.3
T 106.6
L 213.3
E 0.2
N33°28'E
N32°56'E
P.I. 499+11.0
499+10.9
P.O.T. 505+00 = Side Road 0+00
Δ 102°02' Lt.
SEE SHEET 172 OF 420
ADDISON 490+00 ~ 502+00
MM 2.97 ~ MM 3.20
SIDE ROAD 505+0 Lt.
Sheet 182 OF 420 Sheets
SHEET 182 OF 477

Construct Drive
496+74 Rt. (12' Wide, Gravel)
496+78 Lt (12' Wide Gravel)

SAND BORROW
496+26 ~ 496+74

TEMPORARY BARBED WIRE FENCE (4-STRAND)

LT	RT
~~496+00 ~ 496+80~~	~~496+20 ~ 497+00~~
497+00	
494+70 - 497+20	

REMOVING AND RESETTING FENCE

LT	RT
~~496+00 ~ 496+80~~	496+20 ~ 497+00
	496+00 - 497+90

REMOVAL OF EXISTING FENCE

LT	RT
~~496+00 ~ 496+80~~	~~496+20 ~ 497+00~~
494+75 - 497+23	493+00 - 497+90

N

MAG 1945

2 STORY W.F. HOUSE

GR. DR.

BARN

18" LOC. STUMP

IRON PIN

18" M STUMP

4 - 1" M

#33

1" M

Approx. location of 12" water line.

~~496+50~~ = MM 3.093
NEW 84" X 98' CAAP(.135) CATTLE PASS (3 X 1 CORRUGATION)
SEE X-SECTION PG 407 OF 420

~~496+44~~
98' X 6" UNDERDRAIN CARRIER PIPE

POT 8+00

3' DITCH

CR. DR.

1" M

FIELD DR.

S 56°32'E

N 33°28'E

24.75'

24.75'

30.00'

#34

#35

#1

8+25
BEGIN RAMP CONSTRUCTION

496+00 Lt. - 497+10 Lt.
NEW 12" PVC, CL 150
SEE SHEET 184 OF 420

11+20
END CONSTRUCTION

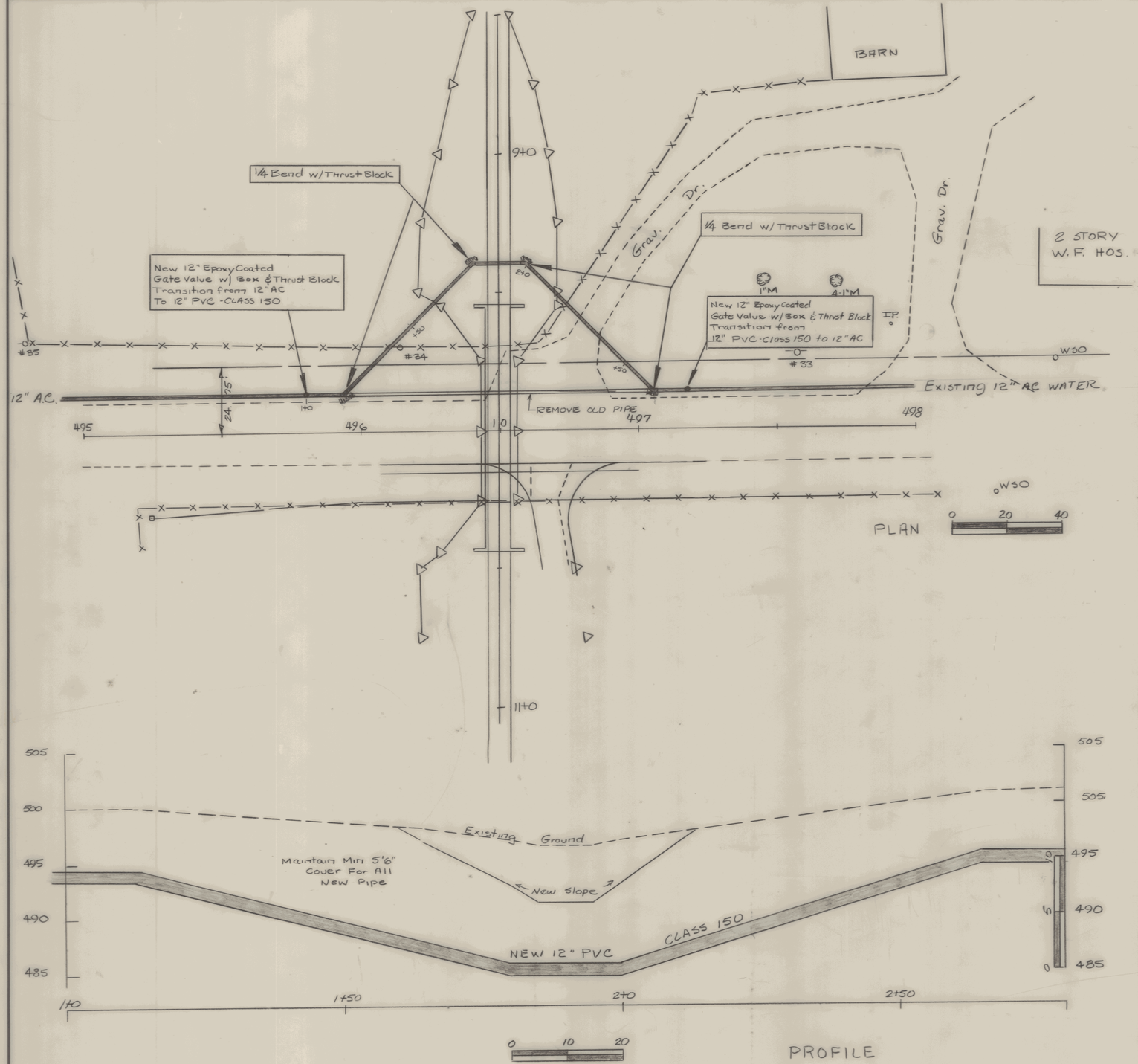
POND

0 20 40
SCALE IN FEET

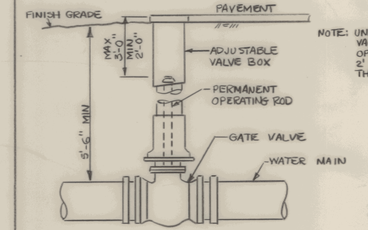
Addison MM 3.08 ~ 3.10

DATUM
VERTICAL N/A
HORIZONTAL N/A

SURVEYED BY	FANTONI	DATE 10/87
DRAWN BY	L. BOWEN	DATE 5/88
SQUAD LEADER	J. PERKINS	
DESIGN FILE NO.	83B030.DGN	DATE PLOTTED 5/23/88
PROJ. NAME	SHOREHAM-BRIDPORT-ADDISON	
PROJ. NO.	F 017-1(2)	
SHEET 183 OF 420 SHEETS		

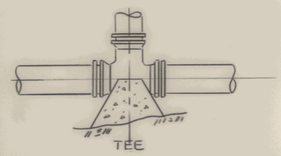


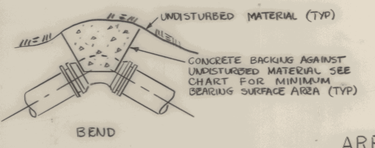
DATUM
VERTICAL N/A
HORIZONTAL N/A



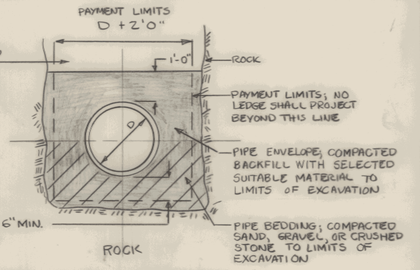
GATE VALVE DETAIL

NOTE: UNLESS OTHERWISE INDICATED ALL GATE VALVES SHALL HAVE PERMANENTLY INSTALLED OPERATING RODS TERMINATING AT LEAST 2'0" AND NOT MORE THAN 3'0" BELOW THE TOP OF THE VALVE BOX.

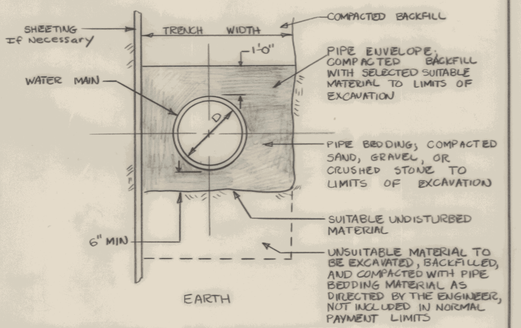




TYPICAL CONCRETE BACKING



TYPICAL TRENCH SECTIONS



NOTES

1. METTALIC WARNING TAPE FOR PIPING TO BE PROVIDED (SUBSIDIARY TO PIPE PRICE)
2. TRANSMISSION MAIN AND FITTINGS TO BE POLYVINYL CHLORIDE CLASS 150 WITH CAST IRON PIPE OUTSIDE DIA. MTG. AWWA C-900 SPEC.- DR 18
3. ALL BURIED METAL FITTINGS TO BE WRAPPED IN 8 MIL POLYETHLYNIE ACCORDING TO AWWA SPEC. C-105
4. ALL BURIED BOLTS AND HARDWARE TO BE STAINLESS STEEL OR EPOXY COATED.
5. CONTRACTOR TO MAINTAIN MINIMUM 5'6" COVER ON NEW PIPE.
6. CONTRACTOR TO PROVIDE MINIMUM 2 WEEK NOTICE TO TRI-TOWN WATER DISTRICT TO COORDINATE WORK.

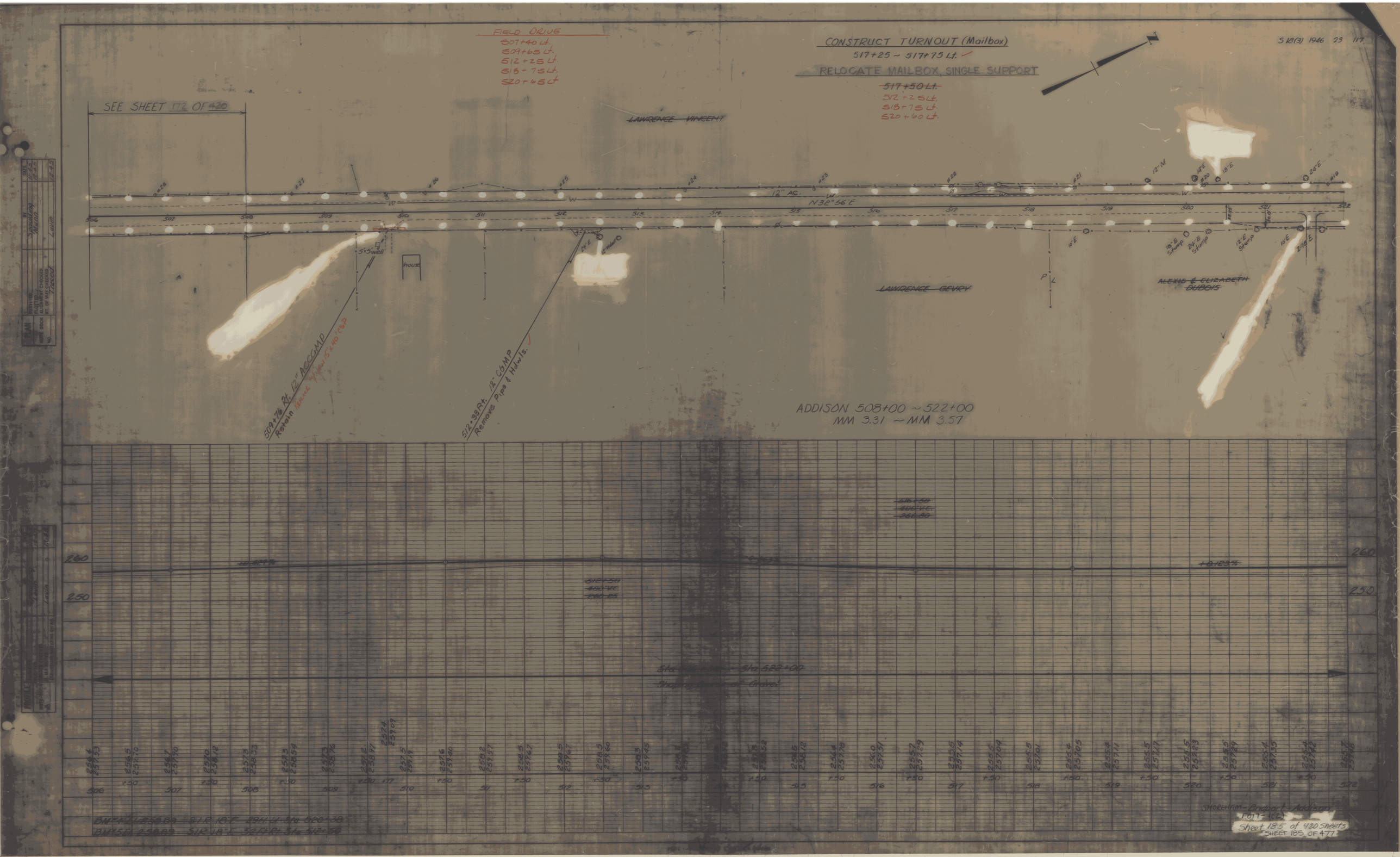
AREA OF BEARING FACE OF CONCRETE THRUST BLOCKS IN SQUARE FEET

PIPE SIZE (IN)	SOFT WET CLAY SAND OR SILT	DRY SAND	COMPACT COARSE SAND OR GRAVEL HARDPAN
	DEAD END OR TEE		
8 OR LESS	15	5	4
10	24	8	6
12	34	11	8
16	60	20	15
20	94	31	24
24	136	45	34
	1/4 BEND		
8 OR LESS	21	7	5
10	33	11	8
12	48	16	12
16	85	28	21
20	133	44	33
24	192	64	48
	1/8 BEND		
8 OR LESS	12	4	3
10	18	6	5
12	26	9	7
16	46	15	12
20	72	24	18
24	104	35	26
	1/16 BEND		
8 OR LESS	6	2	2
10	9	3	2
12	13	4	3
16	24	8	6
20	37	12	9
24	53	18	13

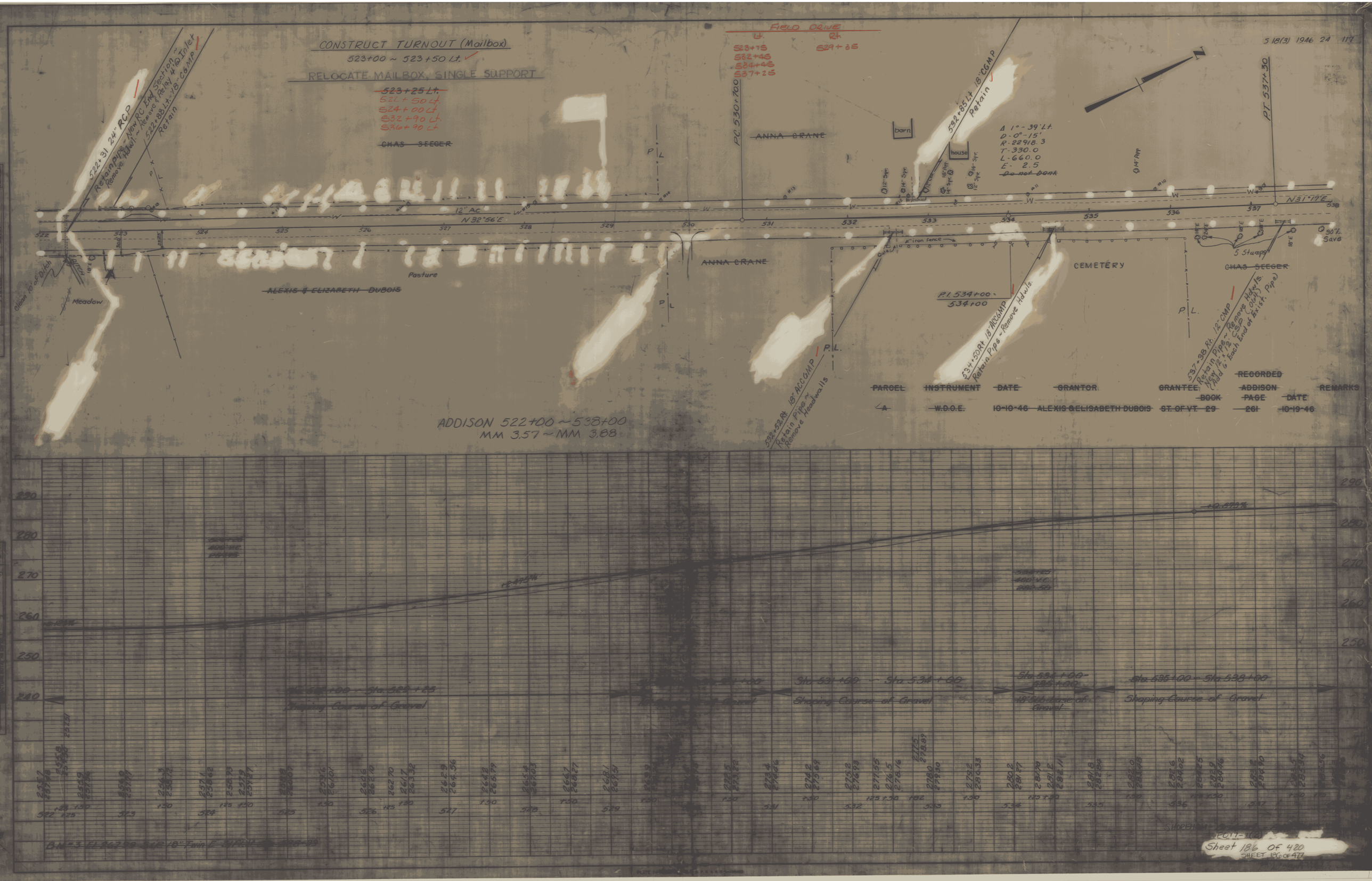
WATER LINE RELOCATION

SURVEYED BY Fantoni DATE 10/87
DRAWN BY D. ALLEN DATE 2-3-89
SQUAD LEADER J. Perkins
DESIGN FILE NO. 838030 DATE PLOTTED 2-3-89
PROJ. NAME SHOREHAM - BRIDPORT - ADDISON
PROJ. NO. F017-1(2)
SHEET 184 OF 420 SHEETS

BRUNING 44-232 74357



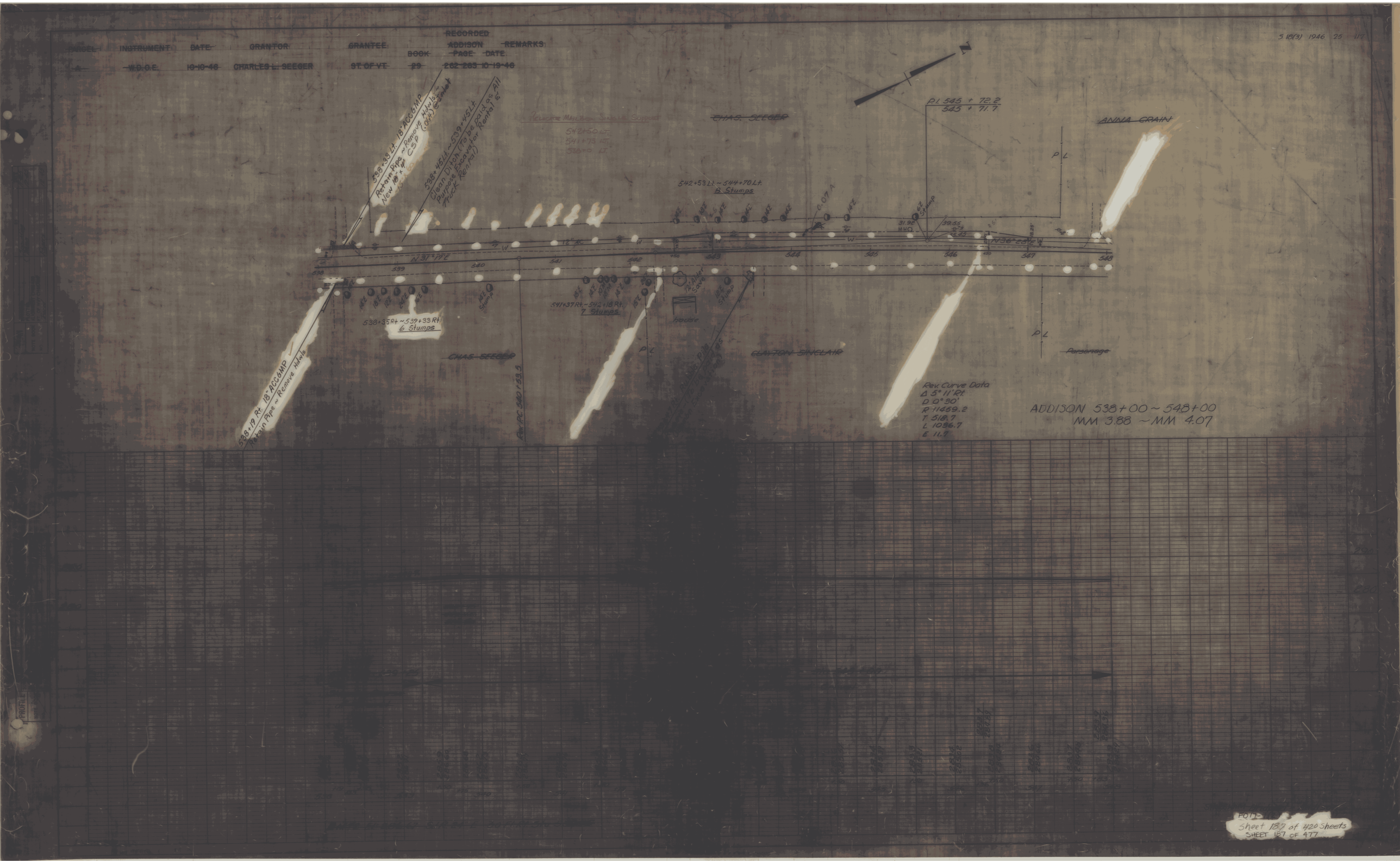
S 18(3) 1946 23 117
FIELD DRIVE
507+40 Lt.
509+65 Lt.
512+25 Lt.
518+75 Lt.
520+65 Lt.
CONSTRUCT TURNOUT (Mailbox)
517+25 ~ 517+75 Lt.
RELOCATE MAILBOX, SINGLE SUPPORT
~~517+50 Lt.~~
512+25 Lt.
518+75 Lt.
520+60 Lt.
SEE SHEET 172 OF 420
~~LAWRENCE VINCENT~~
12" AC.
N32°56'E
~~LAWRENCE GEVRY~~
~~ALEXIS & ELIZABETH DUBOIS~~
house
509+76 Rt. 12" ACCGMP
Retain Replace w/New 15"x40' CSP
512+33 Rt. 12" CGMP
Remove Pipe & Hdwls.
ADDISON 508+00 ~ 522+00
MM 3.31 ~ MM 3.57
~~516+50~~
~~400' V.C.~~
~~260.80~~
~~512+50~~
~~400' V.C.~~
~~260.25~~
~~+0.123%~~
~~Sta 522+00~~
~~Shaping Course of Gravel~~
BM#4 Ft 258.89 S.I.R. 18" E 29 Ft Lt Sta 520+38
BM#5 Ft 258.89 S.I.R. 18" E 32 Ft Rt Sta 512+50
SHOREHAM-Bridport-Addison
FOIT-1(2)
Sheet 185 of 420 Sheets
SHEET 185 OF 477



CONSTRUCT TURNOUT (Mailbox)
523+00 ~ 523+50 Lt.
RELOCATE MAILBOX, SINGLE SUPPORT
523+25 Lt.
522+50 Lt.
524+00 Lt.
532+90 Lt.
536+90 Lt.
CHAS SEEGER
FIELD DRIVE
Lt.
Rt.
523+75
532+45
534+45
537+25
529+35
522+31 24" RCP
Retain Pipe ~ New RC End Section ~ Remove Hdwl. ~ Remove & Relay 4' @ Inlet
522+88 Lt. 18" CGMP
Retain
PC 530+70
ANNA CRANE
barn
house
532+85 Lt 18" CGMP
Retain
Δ 1°-39' Lt.
D-0°-15'
R-22918.3
T-330.0
L-660.0
E- 2.5
Do not bank
PT 537+30
N31°17'E
12" AC
N32°56'E
Pasture
ALEXIS & ELIZABETH DUBOIS
Meadow
Clean 10' of Ditch
Iron Fence
CEMETERY
P.I. 534+00 ~ 534+00
534+50 Rt 18" ACCGMP
Retain Pipe ~ Remove Hdwls.
537+38 Rt. 12" CMP
Retain Pipe ~ Remove Hdwls.
New 12" x 12" CSP (Obt.)
(Add 6' Each End of Exist. Pipe)
5 Stumps
90" L. Save
PARCEL
INSTRUMENT
DATE
GRANTOR
GRANTEE
RECORDED ADDISON
BOOK
PAGE
DATE
REMARKS
A
W.D.O.E.
10-10-46
ALEXIS & ELISABETH DUBOIS
ST. OF VT.
29
261
10-19-46
ADDISON 522+00 ~ 538+00
MM 3.57 ~ MM 3.88
Sta. 529+25
Shaping Course of Gravel
Sta. 531+00 ~ Sta. 534+00
Shaping Course of Gravel
Sta. 534+00 ~ 535+00
18" Subbase of Gravel
Sta. 535+00 ~ Sta. 538+00
Shaping Course of Gravel
Sheet 186 Of 420
SHEET 186 OF 477

PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED ADDISON BOOK	PAGE	DATE	REMARKS
A	W.D.O.E.	10-10-46	CHARLES L. SEEGER	ST. OF VT.	29	262-263	10-19-46	

S 18(3) 1946 25 117



FOLD

Sheet 187 of 420 Sheets

SHEET 187 OF 477

RELOCATE MAILBOX SINGLE SUPPORT
548+75 LT

549+00 = Addison MM 4.114

END PROJECT F 017-1(2) | BEGIN PROJECT HES 017-1(4)S

Vt. 22 A POST 549+98.29 =
Old Vt. 17 (East) POT 10+00.00

Vt. 17 West PI 12+04.11
Δ = 9°-28' Lt

SEE ADDISON HES 017-1(4)S
SHEETS _____ OF _____

MAG. 1971

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.)

ADDISON 548+00 ~ 549+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

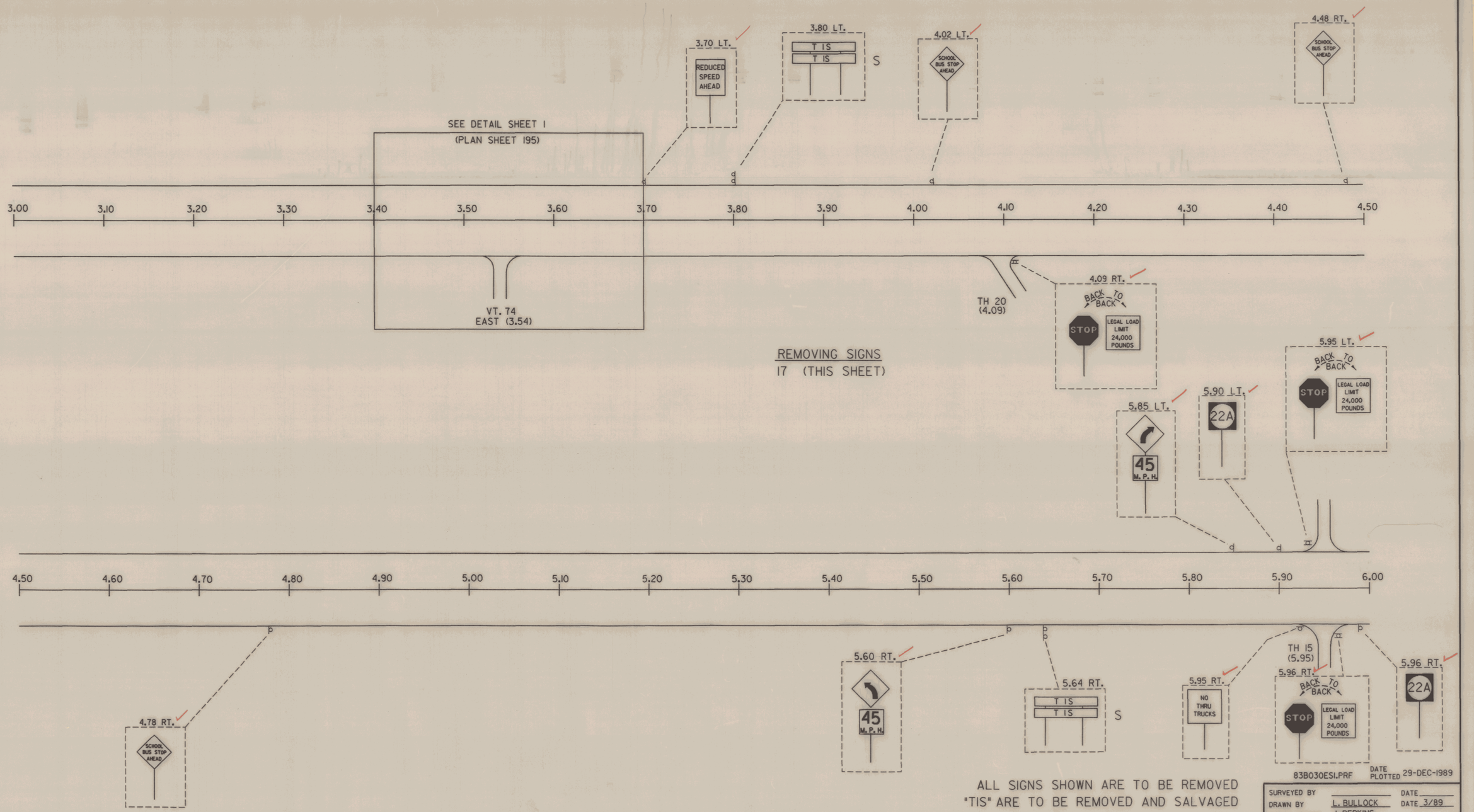
PC 11+20.54
Vt. Rte #17 East

Vt Rte #17 East Curve Data
PI 13+36.16 = 13+52.15
Δ = 19°-16'-30" Rt
D = 4°-30'
R = 1273.24
T = 216.21
L = 428.31

DATUM
VERTICAL _____
HORIZONTAL _____

0 10 50
Scale in Feet

SURVEYED BY _____ DATE _____
DRAWN BY _____ DATE _____
TRACED BY BJLS DATE 10-84
Shoreham-Bridport-Addison
PROJ. F NO. 017-1(2)
SHEET 188 OF 420



REMOVING SIGNS
17 (THIS SHEET)

ALL SIGNS SHOWN ARE TO BE REMOVED
"TIS" ARE TO BE REMOVED AND SALVAGED

SHOREHAM
EXISTING SIGNS

0 0.05 0.10
SCALE IN MILES

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

83B030ESI.PRF DATE PLOTTED 29-DEC-1989

SURVEYED BY _____ DATE _____
DRAWN BY L. BULLOCK DATE 3/89
SQUAD LEADER J. PERKINS
DESIGN FILE NO. ZGO:[50,63]83B030.DGN
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON
PROJ. NO. F 017-1(2)
SHEET 190 OF 420 SHEETS

SHOREHAM

BRIDPORT

6.02 LT.
T I S
T I S
S

6.38 LT.
SHOREHAM | BRIDPORT

T/L

T/L

0.12 LT.
PROHIBITED

0.25 LT.
REST AREA AHEAD

0.67 LT.
BACK TO BACK
STOP
LEGAL LOAD LIMIT 24,000 POUNDS

TH 42
(0.67)

0.80 LT.
HIDDEN SIDE ROAD
EXIT 35 MPH

6.38

0.00

6.00 6.10 6.20 6.30 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00

6.03 RT.
REST AREA AHEAD

0.49 RT.

1.43 LT.
HIDDEN DRIVES
SCHOOL BUS STOP AHEAD

REMOVING SIGNS
21 (THIS SHEET)

1.87 LT.
SPEED LIMIT 50

2.34 LT.
BACK TO BACK
STOP
LEGAL LOAD LIMIT 24,000 POUNDS

TH 39
(2.34)

1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40 2.50

TH 31
(1.35)

1.35 RT.
BACK TO BACK
STOP
LEGAL LOAD LIMIT 24,000 POUNDS

1.87 RT.
SPEED LIMIT 50

2.20 RT.
UNSAFE TO PASS

2.47 RT.
BACK TO BACK
STOP
LEGAL LOAD LIMIT 24,000 POUNDS

TH 30
(2.47)

ALL SIGNS SHOWN ARE TO BE REMOVED
"TIS" ARE TO BE REMOVED AND SALVAGED

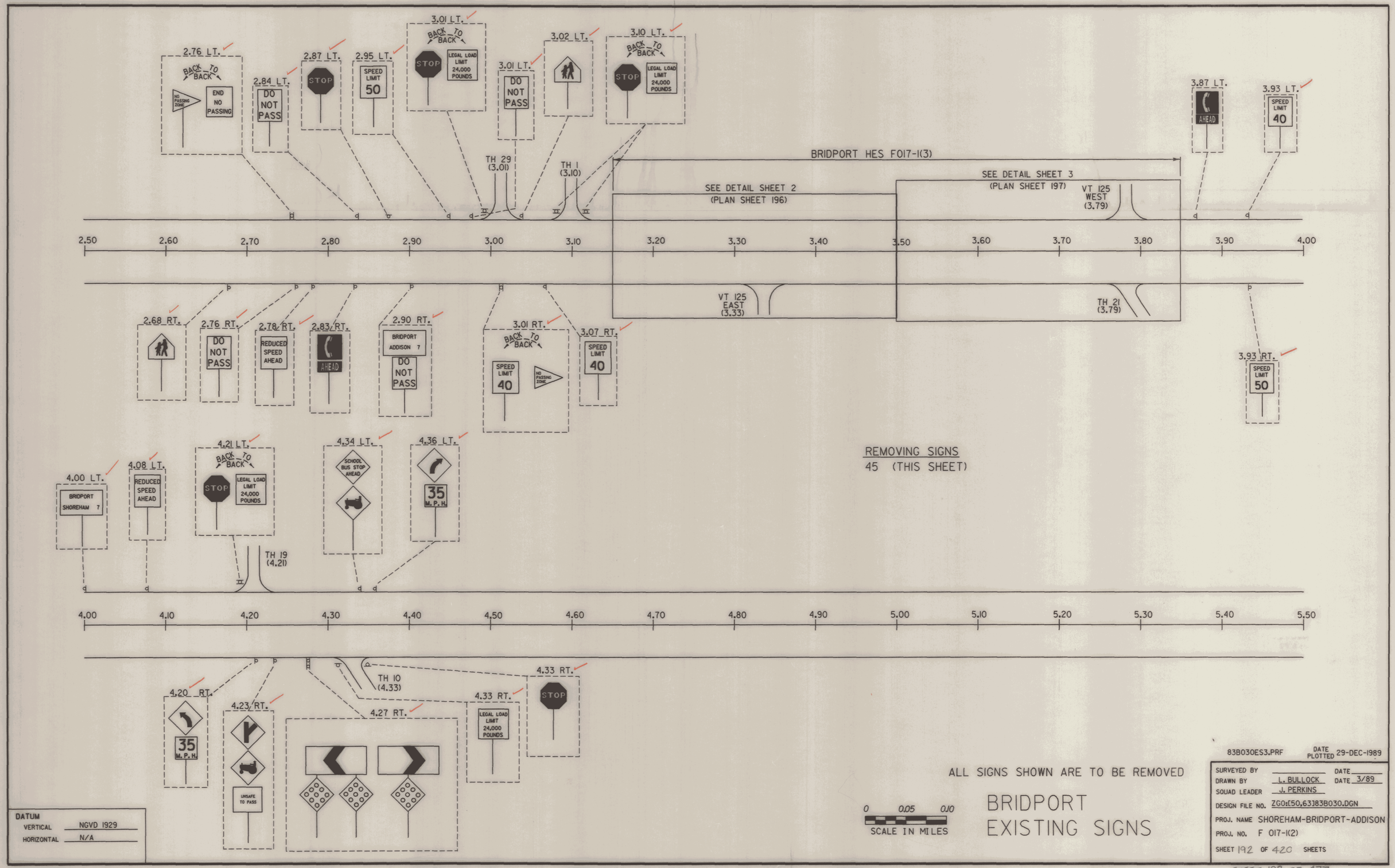
0 0.05 0.10
SCALE IN MILES

SHOREHAM-BRIDPORT
EXISTING SIGNS

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

83B030ES2.PRF DATE PLOTTED 29-DEC-1989

SURVEYED BY _____ DATE _____
DRAWN BY L. BULLOCK DATE 3/89
SQUAD LEADER J. PERKINS
DESIGN FILE NO. ZGO:[50,63]83B030.DGN
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON
PROJ. NO. F 017-1(2)
SHEET 191 OF 420 SHEETS



REMOVING SIGNS
45 (THIS SHEET)

ALL SIGNS SHOWN ARE TO BE REMOVED

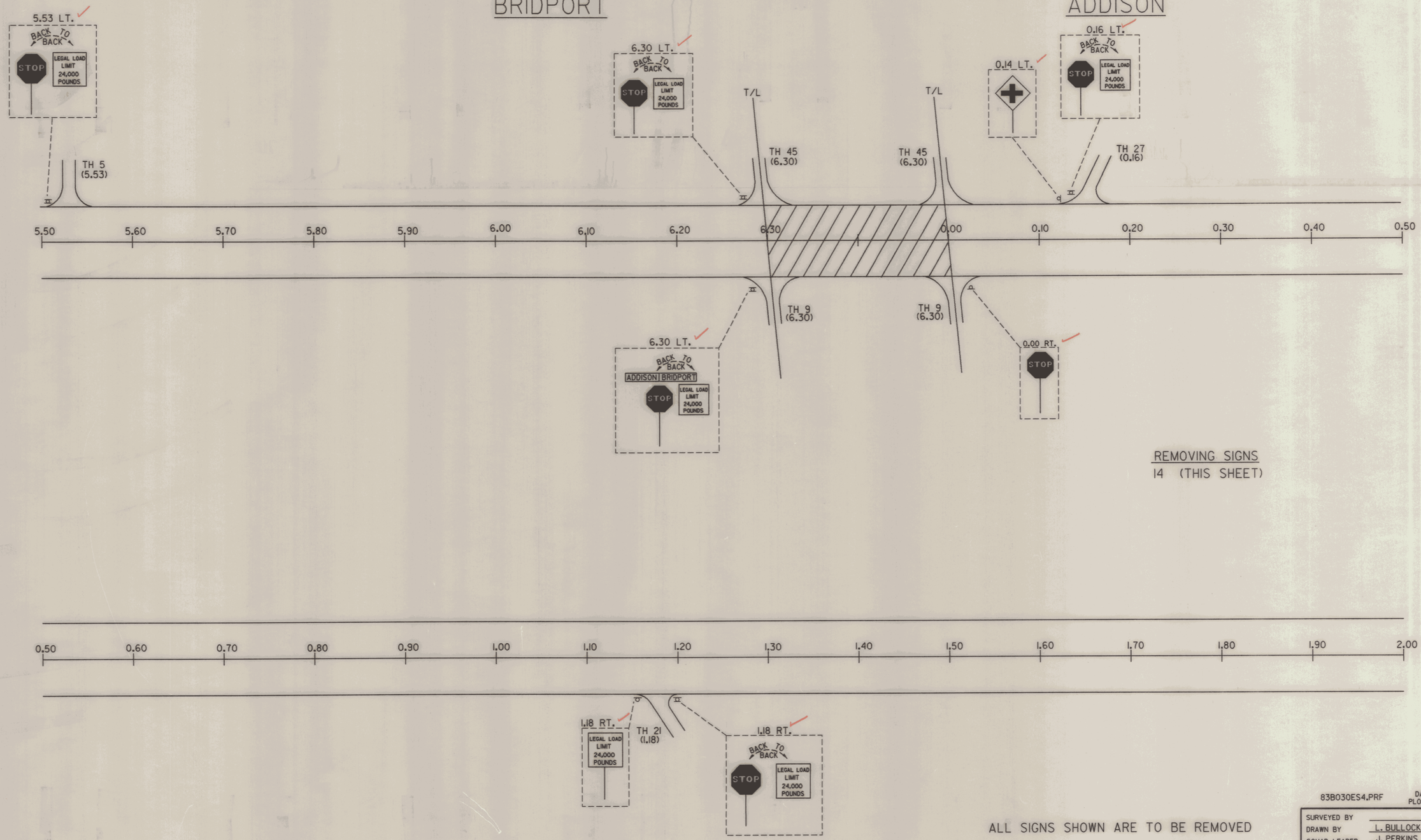
0 0.05 0.10
SCALE IN MILES

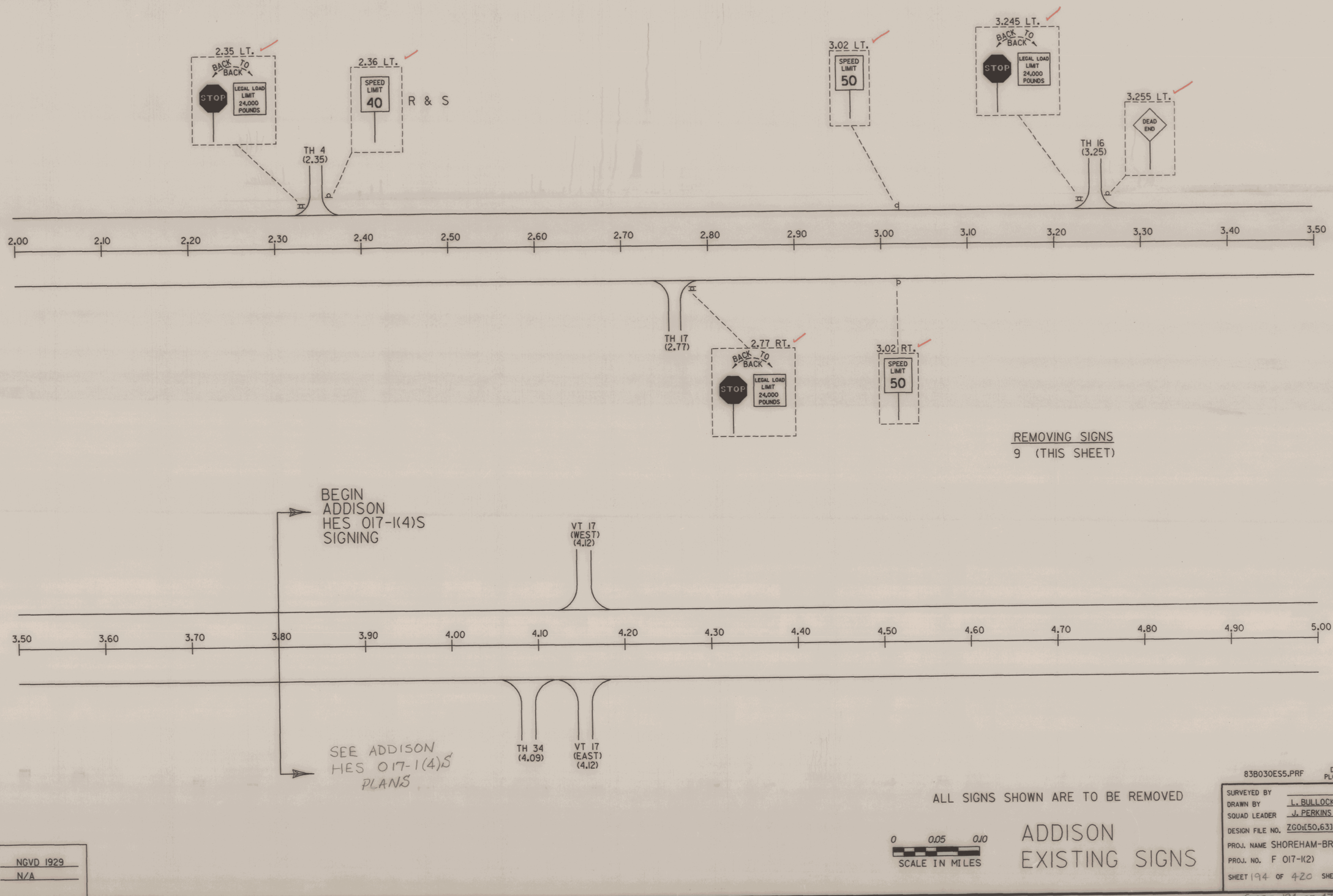
BRIDPORT EXISTING SIGNS

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

83B030ES3.PRF DATE PLOTTED 29-DEC-1989

SURVEYED BY _____ DATE _____
DRAWN BY L. BULLOCK DATE 3/89
SQUAD LEADER J. PERKINS
DESIGN FILE NO. ZG0:[50,63]83B030.DGN
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON
PROJ. NO. F 017-1(2)
SHEET 192 OF 420 SHEETS


BRIDPORT
ADDISON
5.53 LT.
BACK TO BACK
STOP
LEGAL LOAD LIMIT 24,000 POUNDS
TH 5 (5.53)
6.30 LT.
BACK TO BACK
STOP
LEGAL LOAD LIMIT 24,000 POUNDS
T/L
TH 45 (6.30)
T/L
TH 45 (6.30)
0.14 LT.
0.16 LT.
BACK TO BACK
STOP
LEGAL LOAD LIMIT 24,000 POUNDS
TH 27 (0.16)
5.50 5.60 5.70 5.80 5.90 6.00 6.10 6.20 6.30 0.00 0.10 0.20 0.30 0.40 0.50
TH 9 (6.30)
TH 9 (6.30)
6.30 LT.
BACK TO BACK
ADDISON BRIDPORT
STOP
LEGAL LOAD LIMIT 24,000 POUNDS
0.00 RT.
STOP
REMOVING SIGNS
14 (THIS SHEET)
0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00
1.18 RT.
LEGAL LOAD LIMIT 24,000 POUNDS
TH 21 (1.18)
1.18 RT.
BACK TO BACK
STOP
LEGAL LOAD LIMIT 24,000 POUNDS
ALL SIGNS SHOWN ARE TO BE REMOVED
0 0.05 0.10
SCALE IN MILES
BRIDPORT-ADDISON
EXISTING SIGNS
DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A
83B030ES4.PRF
DATE PLOTTED 29-DEC-1989
SURVEYED BY
DATE
DRAWN BY L. BULLOCK
DATE 3/89
SQUAD LEADER J. PERKINS
DESIGN FILE NO. ZGO:[50,63]83B030.DGN
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON
PROJ. NO. F 017-1(2)
SHEET 193 OF 420 SHEETS



ALL SIGNS SHOWN ARE TO BE REMOVED

0 0.05 0.10
SCALE IN MILES

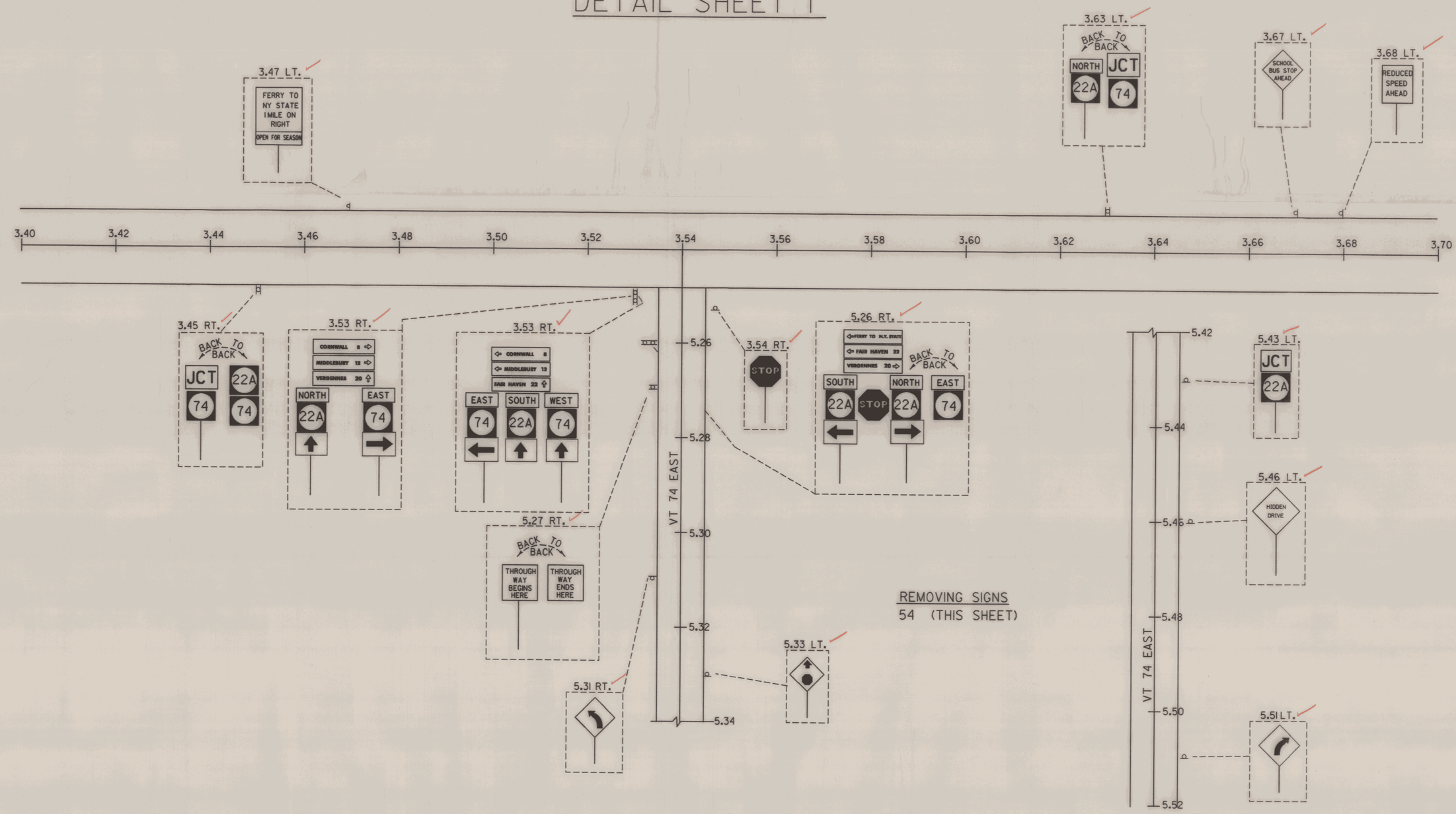
ADDISON EXISTING SIGNS

83B030ES5.PRF DATE PLOTTED 29-DEC-1989

SURVEYED BY		DATE
DRAWN BY	L. BULLOCK	DATE 3/89
SQUAD LEADER	J. PERKINS	
DESIGN FILE NO.	ZGO:[50,63]83B030.DGN	
PROJ. NAME	SHOREHAM-BRIDPORT-ADDISON	
PROJ. NO.	F 017-1(2)	
SHEET	194 OF 420 SHEETS	

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

DETAIL SHEET 1



REMOVING SIGNS
54 (THIS SHEET)

ALL SIGNS SHOWN ARE TO BE REMOVED

SHOREHAM MM 3.40 ~ 3.70
INTERSECTION OF VT 22A AND VT 74 EAST

SHOREHAM
EXISTING SIGNS

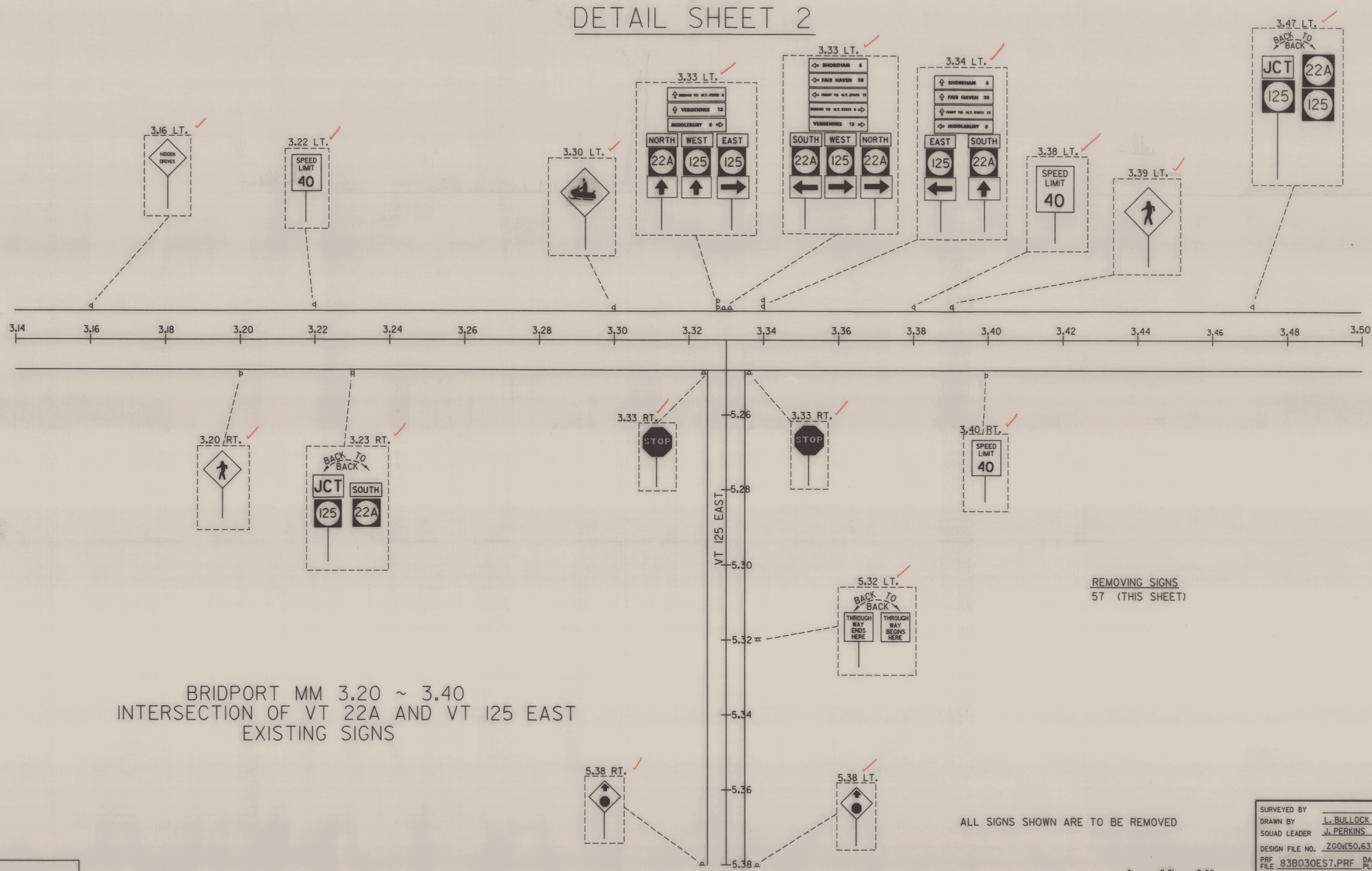
0 0.01 0.02
SCALE IN MILES

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

83B030ES6.PRF DATE PLOTTED 29-DEC-1989

SURVEYED BY _____ DATE _____
DRAWN BY L. BULLOCK DATE 3/89
SQUAD LEADER J. PERKINS
DESIGN FILE NO. ZGO:[50,63383B030.DGN
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON
PROJ. NO. F 017-1(2)
SHEET 195 OF 420 SHEETS

DETAIL SHEET 2



BRIDPORT MM 3.20 ~ 3.40
INTERSECTION OF VT 22A AND VT 125 EAST
EXISTING SIGNS

REMOVING SIGNS
57 (THIS SHEET)

ALL SIGNS SHOWN ARE TO BE REMOVED

0 0.01 0.02
SCALE IN MILES

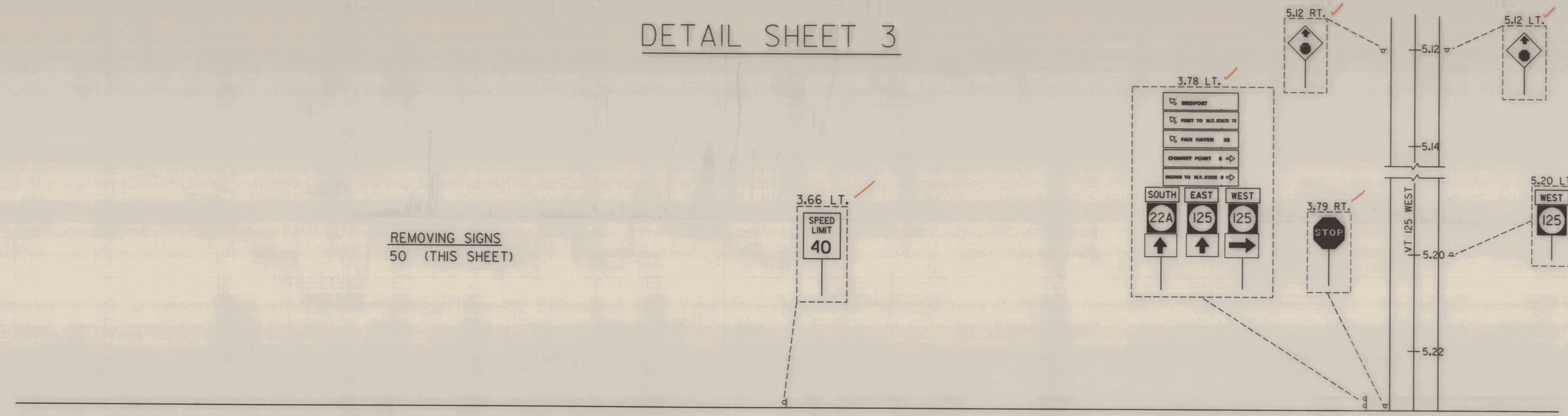
29-DEC-1989

SURVEYED BY		DATE
DRAWN BY	L. BULLOCK	DATE 3/89
SQUAD LEADER	J. PERKINS	
DESIGN FILE NO.	ZGO:[50,63]83B030.DGN	
PRF FILE	83B030ES7.PRF	DATE PLOTTED 29-DEC-1989
PROJ. NAME	SHOREHAM-BRIDPORT-ADDISON	
PROJ. NO.	F 017-1(2)	
SHEET	196 OF 420 SHEETS	

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

DETAIL SHEET 3

REMOVING SIGNS
50 (THIS SHEET)



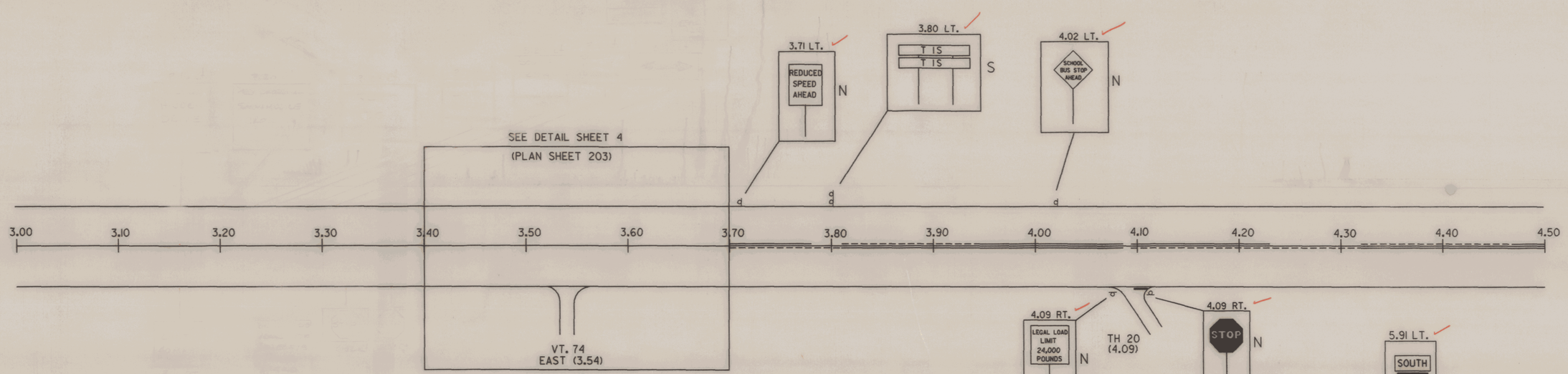
ALL SIGNS SHOWN ARE TO BE REMOVED

EXISTING SIGNS
BRIDPORT MM 3.70 ~ 4.00
INTERSECTION OF VT 22A WITH VT 125 WEST AND TH 21

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

0 0.01 0.02
SCALE IN MILES

SURVEYED BY _____ DATE _____
DRAWN BY L. BULLOCK DATE 3/89
SQUAD LEADER J. PERKINS
DESIGN FILE NO. ZGO:[50,63]83B030.DGN
PRF FILE 83B030ES8.PRF DATE PLOTTED 29-DEC-1989
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON
PROJ. NO. F 017-1(2)
SHEET 197 OF 420 SHEETS



TEMP. 4'' YELLOW LINE

MM 3.70 ~ 3.79 SOLID LT., DASH RT.
3.79 ~ 3.81 DASH
3.81 ~ 3.94 DASH LT., SOLID RT.
3.94 ~ 4.086 SOLID LT. & RT.
4.094 ~ 4.23 SOLID LT., DASH RT.
4.23 ~ 4.31 DASH
4.31 ~ 4.47 DASH LT., SOLID RT.
4.47 ~ 4.63 SOLID LT. & RT.
4.63 ~ 4.75 DASH LT., SOLID RT.
4.75 ~ 5.36 SOLID LT. & RT.
5.36 ~ 5.44 SOLID LT., DASH RT.
5.44 ~ 5.57 DASH
5.57 ~ 5.71 DASH LT., SOLID RT.
5.71 ~ 5.946 SOLID LT. & RT.
5.954 ~ 6.00 SOLID LT., DASH RT.

DURABLE LETTER IN WORD MARKING

TH #7, MM 5.95 LT. ''STOP'' ✓
TH #15, MM 5.95 RT. ''STOP'' ✓

DURABLE 4'' WHITE LINE (SEE DETAILS SH#238)

TH #20, MM 4.09 RT., RADII ✓
TH #7, MM 5.95 RT., RADII ✓
TH #15, MM 5.95 RT., RADII ✓

TEMP 4'' WHITE LINE

MM 3.70 ~ 5.94, 12' LT.
3.70 ~ 4.085, 12' RT.
4.095 ~ 5.94, 12' RT.
5.96 ~ 6.00, 12' LT.
5.96 ~ 6.00, 12' RT.

DURABLE 24'' STOP BAR

TH #20, MM 4.09 RT. ✓
TH #7, MM 5.95 LT. ✓
TH #15, MM 5.95 RT. ✓

NEW SIGN LEGEND

LOCATION

SCHOOL BUS STOP AHEAD

NEW SIGN

N = NEW
S = SALVAGE
RET = RETAIN

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

0 0.05 0.10
SCALE IN MILES

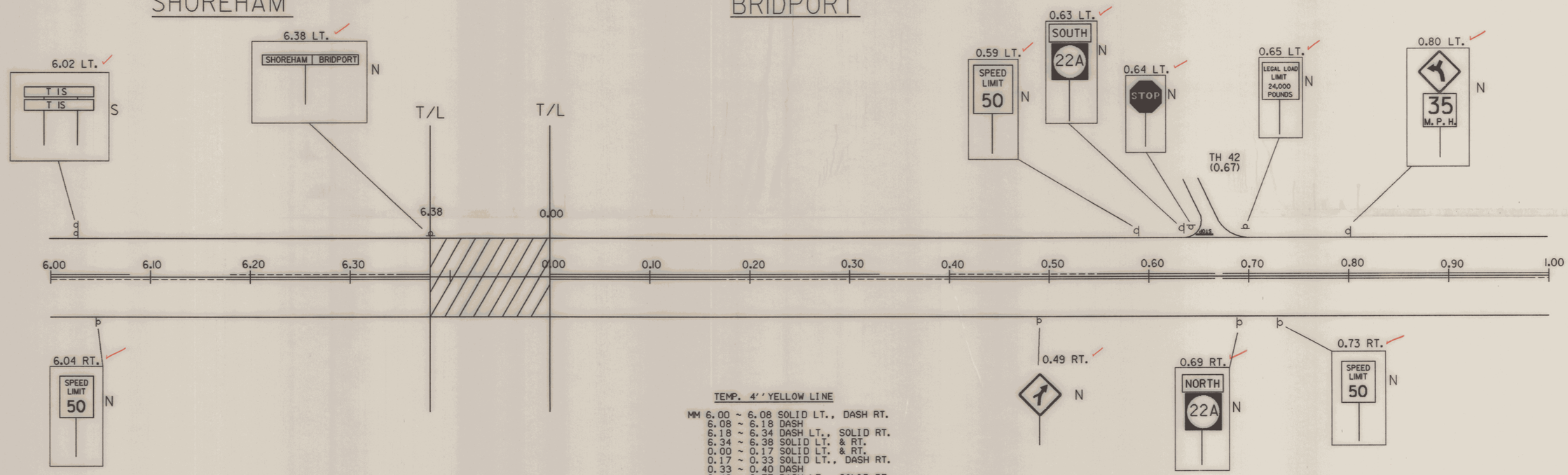
SHOREHAM NEW SIGNS & PAVEMENT MARKINGS

83B030NSI.PRF DATE PLOTTED 29-DEC-1989

SURVEYED BY _____ DATE _____
DRAWN BY L. BULLOCK DATE 3/89
SQUAD LEADER J. PERKINS
DESIGN FILE NO. ZGO:[50,63]83B030.DGN
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON
PROJ. NO. F 017-1(2)
SHEET 198 OF 420 SHEETS

SHOREHAM

BRIDPORT



TEMP. 4'' YELLOW LINE

MM 6.00 ~ 6.08 SOLID LT., DASH RT.
6.08 ~ 6.18 DASH
6.18 ~ 6.34 DASH LT., SOLID RT.
6.34 ~ 6.38 SOLID LT. & RT.
0.00 ~ 0.17 SOLID LT. & RT.
0.17 ~ 0.33 SOLID LT., DASH RT.
0.33 ~ 0.40 DASH
0.40 ~ 0.55 DASH LT., SOLID RT.
0.55 ~ 0.666 SOLID LT. & RT.
0.674 ~ 0.98 SOLID LT. & RT.
0.98 ~ 1.13 SOLID LT., DASH RT.
1.13 ~ 1.20 DASH
1.20 ~ 1.346 DASH LT., SOLID RT.
1.354 ~ 1.39 SOLID LT. & RT.
1.39 ~ 1.55 SOLID LT., DASH RT.
1.55 ~ 1.58 DASH
1.58 ~ 1.73 DASH LT., SOLID RT.
1.73 ~ 1.76 DASH
1.76 ~ 1.91 SOLID LT., DASH RT.
1.91 ~ 2.14 DASH
2.14 ~ 2.336 DASH LT., SOLID RT.
2.344 ~ 2.466 SOLID LT. & RT.
2.474 ~ 2.50 SOLID LT., DASH RT.

TEMP. 4'' WHITE LINE

MM 6.00 ~ 6.38 = 0.00 T/L, 12' LT.
6.00 ~ 6.38 = 0.00 T/L, 12' RT.
0.00 ~ 0.66, 12' LT.
0.68 ~ 2.33, 12' LT.
2.35 ~ 2.50, 12' LT.
0.00 ~ 1.34, 12' RT.
1.36 ~ 2.46, 12' RT.
2.48 ~ 2.50, 12' RT.

DURABLE 24'' STOP BAR

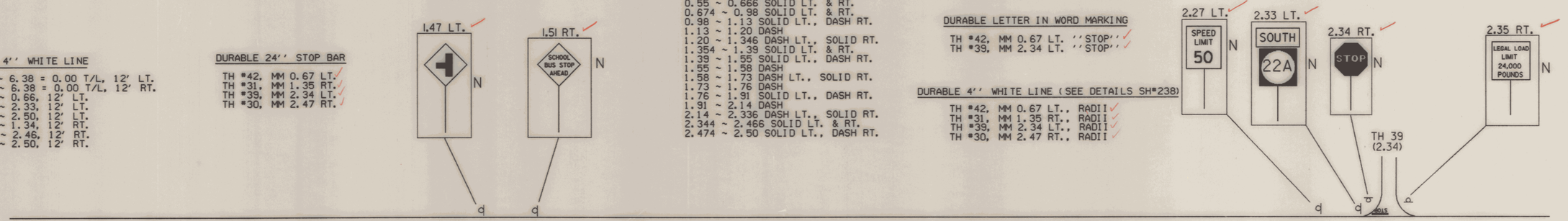
TH #42, MM 0.67 LT.
TH #31, MM 1.35 RT.
TH #39, MM 2.34 LT.
TH #30, MM 2.47 RT.

DURABLE LETTER IN WORD MARKING

TH #42, MM 0.67 LT. ''STOP''
TH #39, MM 2.34 LT. ''STOP''

DURABLE 4'' WHITE LINE (SEE DETAILS SH#238)

TH #42, MM 0.67 LT., RADII
TH #31, MM 1.35 RT., RADII
TH #39, MM 2.34 LT., RADII
TH #30, MM 2.47 RT., RADII



NEW SIGN LEGEND

LOCATION

SCHOOL BUS STOP AHEAD

NEW SIGN

N = NEW
S = SALVAGE
RET = RETAIN

SHOREHAM-BRIDPORT

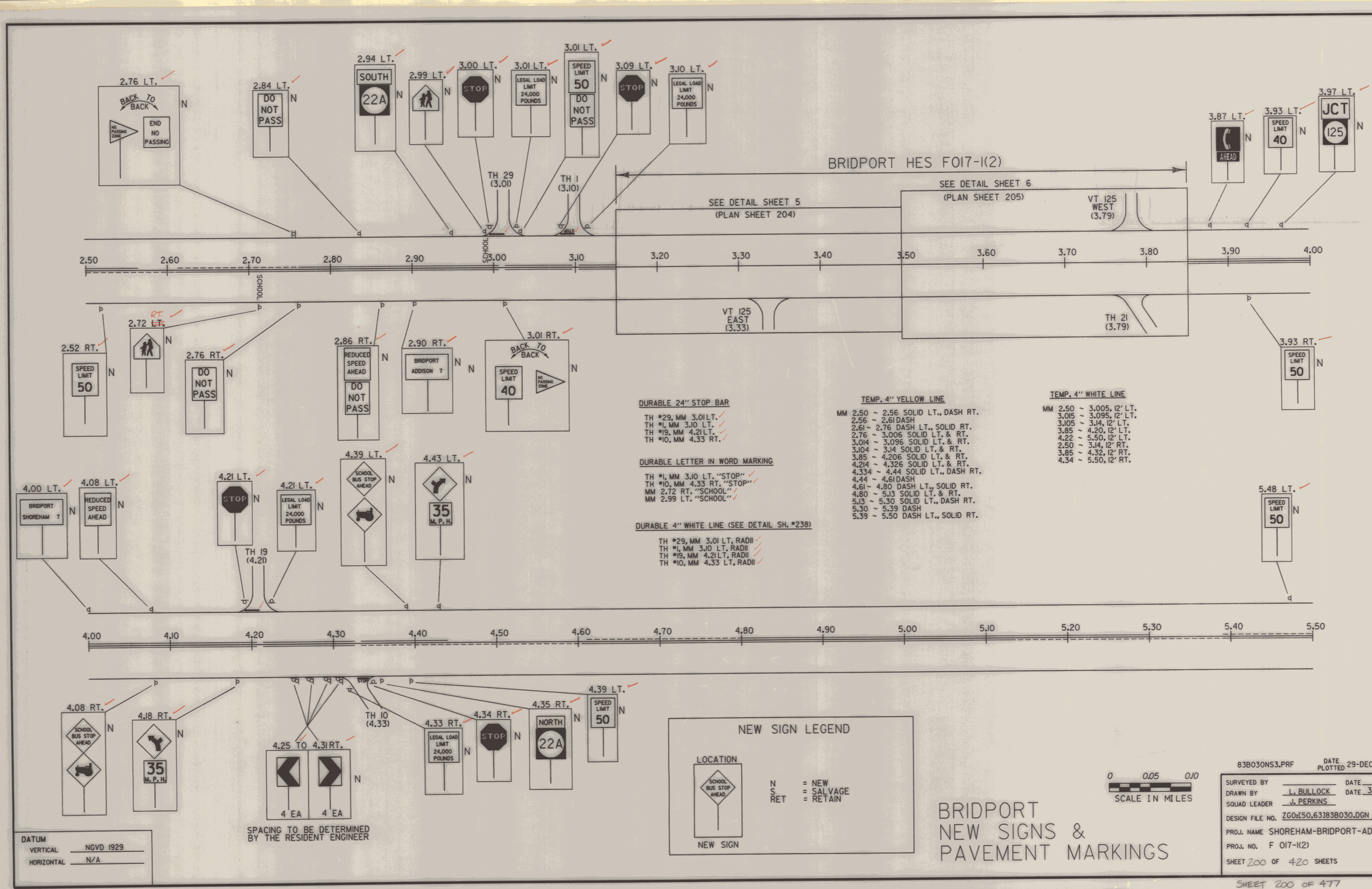
NEW SIGNS & PAVEMENT MARKINGS

0 0.05 0.10
SCALE IN MILES

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

83B030NS2.PRF DATE PLOTTED 29-DEC-1989

SURVEYED BY _____ DATE _____
DRAWN BY L. BULLOCK DATE 3/89
SQUAD LEADER J. PERKINS
DESIGN FILE NO. ZGO:[50,63]83B030.DGN
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON
PROJ. NO. F 017-1(2)
SHEET 199 OF 420 SHEETS



DURABLE 24" STOP BAR

TH #29, MM 3.01 LT.
TH #1, MM 3.10 LT.
TH #19, MM 4.21 LT.
TH #10, MM 4.33 RT.

DURABLE LETTER IN WORD MARKING

TH #1, MM 3.10 LT. "STOP"
TH #10, MM 4.33 RT. "STOP"
MM 2.72 RT. "SCHOOL"
MM 2.99 LT. "SCHOOL"

DURABLE 4" WHITE LINE (SEE DETAIL SH. #238)

TH #29, MM 3.01 LT, RADII
TH #1, MM 3.10 LT, RADII
TH #19, MM 4.21 LT, RADII
TH #10, MM 4.33 LT, RADII

TEMP. 4" YELLOW LINE

MM 2.50 ~ 2.56 SOLID LT., DASH RT.
2.56 ~ 2.61 DASH
2.61 ~ 2.76 DASH LT., SOLID RT.
2.76 ~ 3.006 SOLID LT. & RT.
3.014 ~ 3.096 SOLID LT. & RT.
3.104 ~ 3.14 SOLID LT. & RT.
3.85 ~ 4.206 SOLID LT. & RT.
4.214 ~ 4.326 SOLID LT. & RT.
4.334 ~ 4.44 SOLID LT., DASH RT.
4.44 ~ 4.61 DASH
4.61 ~ 4.80 DASH LT., SOLID RT.
4.80 ~ 5.13 SOLID LT. & RT.
5.13 ~ 5.30 SOLID LT., DASH RT.
5.30 ~ 5.39 DASH
5.39 ~ 5.50 DASH LT., SOLID RT.

TEMP. 4" WHITE LINE

MM 2.50 ~ 3.005, 12' LT.
3.015 ~ 3.095, 12' LT.
3.105 ~ 3.14, 12' LT.
3.85 ~ 4.20, 12' LT.
4.22 ~ 5.50, 12' LT.
2.50 ~ 3.14, 12' RT.
3.85 ~ 4.32, 12' RT.
4.34 ~ 5.50, 12' RT.

SPACING TO BE DETERMINED BY THE RESIDENT ENGINEER

NEW SIGN LEGEND

LOCATION
SCHOOL BUS STOP AHEAD
NEW SIGN

N = NEW
S = SALVAGE
RET = RETAIN

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

0 0.05 0.10
SCALE IN MILES

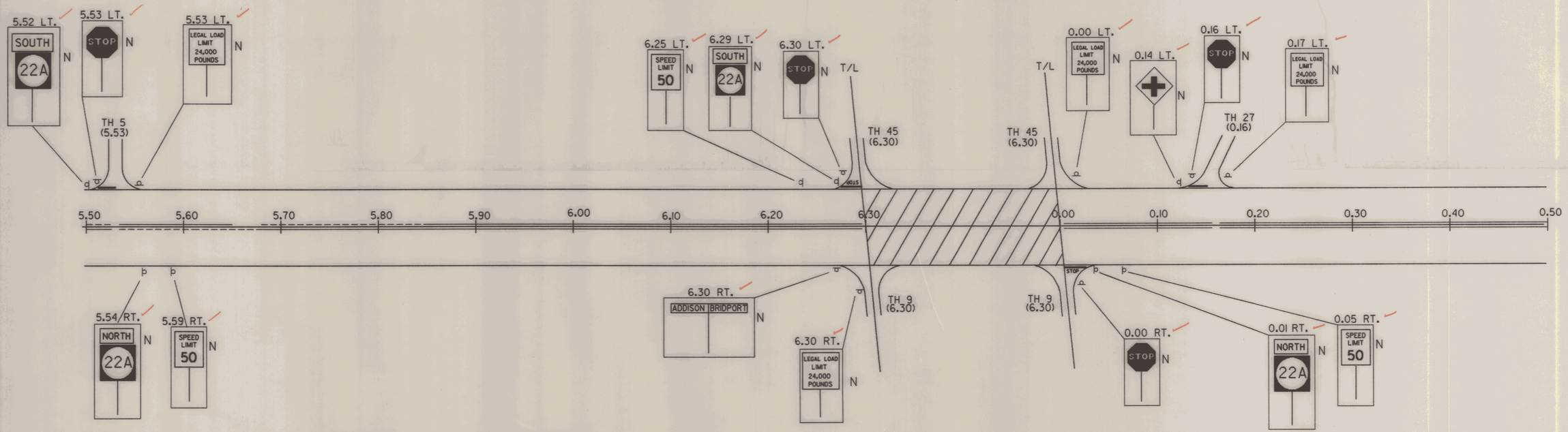
BRIDPORT NEW SIGNS & PAVEMENT MARKINGS

83B030NS3.PRF
DATE PLOTTED 29-DEC-1989

SURVEYED BY ____ DATE ____
DRAWN BY L. BULLOCK DATE 3/89
SQUAD LEADER J. PERKINS
DESIGN FILE NO. ZGO:[50,63]83B030.DGN
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON
PROJ. NO. F 017-1(2)
SHEET 200 OF 420 SHEETS

BRIDPORT

ADDISON



TEMP. 4" YELLOW LINE

MM 5.50 ~ 5.526 DASH LT., SOLID RT.
5.534 ~ 5.65 SOLID LT., DASH RT.
5.65 ~ 5.68 DASH
5.68 ~ 5.85 DASH LT., SOLID RT.
5.85 ~ 6.296 SOLID LT. & RT.
0.004 ~ 0.156 SOLID LT. & RT.
0.164 ~ 0.63 SOLID LT. & RT.
0.63 ~ 0.80 SOLID LT., DASH RT.
0.80 ~ 1.09 DASH
1.09 ~ 1.176 DASH LT., SOLID RT.
1.184 ~ 1.27 SOLID LT., DASH RT.
1.27 ~ 1.37 DASH
1.37 ~ 1.56 DASH LT., SOLID RT.
1.56 ~ 1.65 SOLID LT. & RT.
1.65 ~ 1.78 SOLID LT., DASH RT.
1.78 ~ 1.95 DASH
1.95 ~ 2.00 DASH LT., SOLID RT.

TEMP. 4" WHITE LINE

MM 5.50 ~ 5.52 LT.
5.54 ~ 6.29 LT. (T/L)
0.01 ~ 0.15 LT.
0.17 ~ 2.00 LT.
5.50 ~ 6.29 RT. (T/L)
0.01 ~ 1.17 RT.
0.19 ~ 2.00 RT.

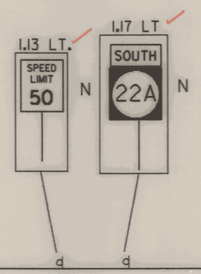
DURABLE LETTER IN WORD MARKING

TH #45, MM 6.30 LT. "STOP" (T/L)
TH #9, MM 6.30 RT. "STOP" (T/L)
TH #5 MM 5.53 LT. "STOP"

0.69 LT.
HIDDEN DRIVE

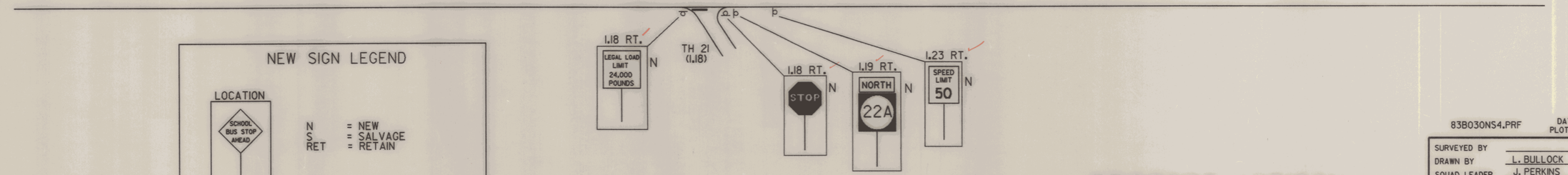
DURABLE 24" STOP BAR

TH #5, MM 5.53 LT.
TH #45, MM 6.30 LT. (T/L)
TH #9, MM 6.30 RT. (T/L)
TH #27, MM 0.16 LT.
TH #21, MM 1.18 RT.



DURABLE 4" WHITE LINE (SEE DETAIL SH. #238)

TH #5, MM 5.53 LT., RADII
TH #9, MM 6.30 RT., RADII
TH #45, MM 6.30 LT., RADII
TH #27, MM 0.16 LT., RADII
TH #21, MM 1.18 RT., RADII



NEW SIGN LEGEND

LOCATION

SCHOOL BUS STOP AHEAD

NEW SIGN

N = NEW
S = SALVAGE
RET = RETAIN

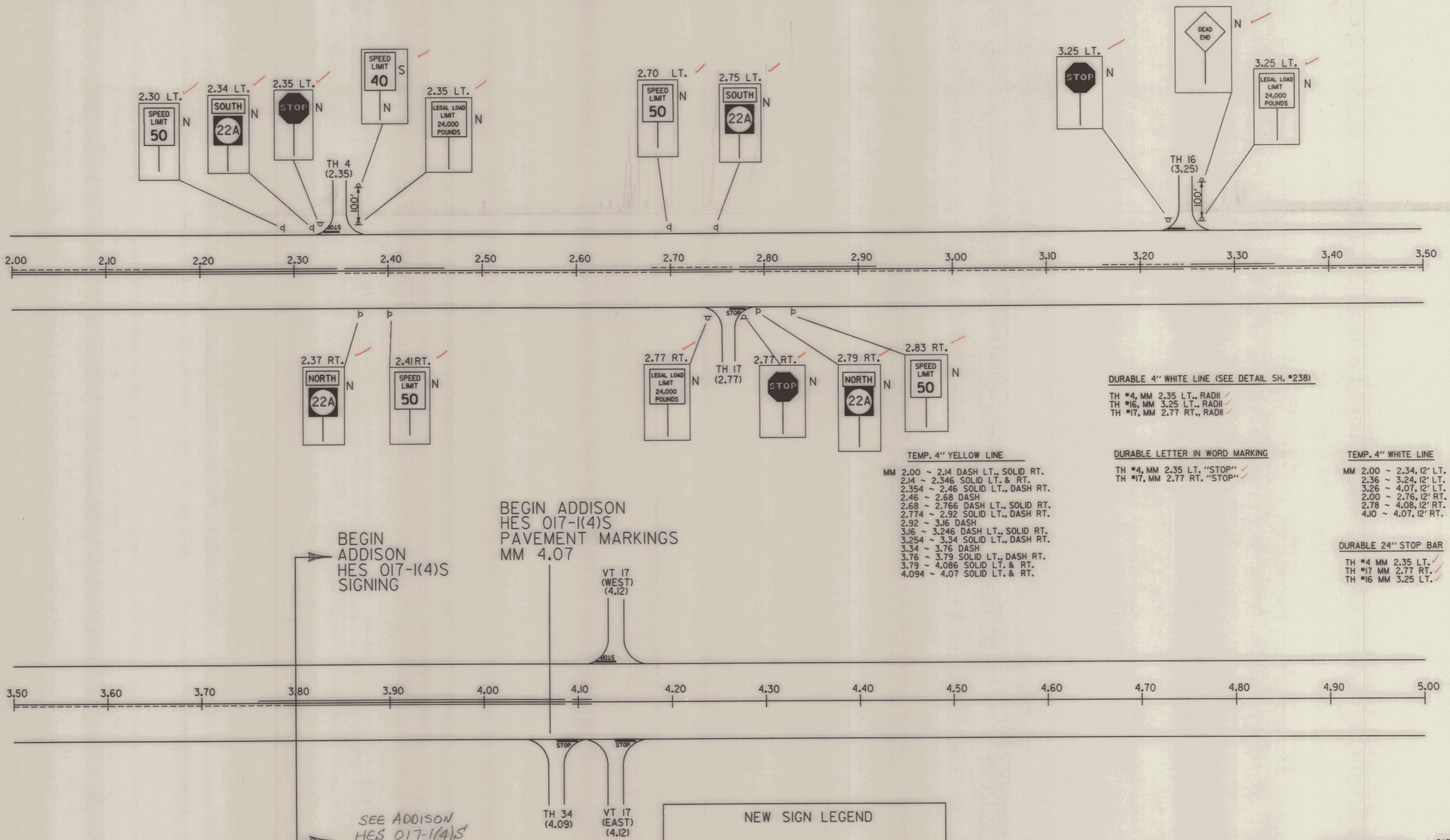
DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

0 0.05 0.10
SCALE IN MILES

BRIDPORT-ADDISON NEW SIGNS & PAVEMENT MARKINGS

83B030NS4.PRF DATE PLOTTED 29-DEC-1989

SURVEYED BY _____ DATE _____
DRAWN BY L. BULLOCK DATE 3/89
SQUAD LEADER J. PERKINS
DESIGN FILE NO. ZG01150,63J83B030.DGN
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON
PROJ. NO. F 017-1(2)
SHEET 201 OF 420 SHEETS



DURABLE 4" WHITE LINE (SEE DETAIL SH. #238)

TH #4, MM 2.35 LT., RADII
TH #16, MM 3.25 LT., RADII
TH #17, MM 2.77 RT., RADII

TEMP. 4" YELLOW LINE

MM 2.00 ~ 2.14 DASH LT., SOLID RT.
2.14 ~ 2.346 SOLID LT. & RT.
2.354 ~ 2.46 SOLID LT., DASH RT.
2.46 ~ 2.68 DASH
2.68 ~ 2.766 DASH LT., SOLID RT.
2.774 ~ 2.92 SOLID LT., DASH RT.
2.92 ~ 3.16 DASH
3.16 ~ 3.246 DASH LT., SOLID RT.
3.254 ~ 3.34 SOLID LT., DASH RT.
3.34 ~ 3.76 DASH
3.76 ~ 3.79 SOLID LT., DASH RT.
3.79 ~ 4.086 SOLID LT. & RT.
4.094 ~ 4.07 SOLID LT. & RT.

DURABLE LETTER IN WORD MARKING

TH #4, MM 2.35 LT. "STOP"
TH #17, MM 2.77 RT. "STOP"

TEMP. 4" WHITE LINE

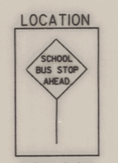
MM 2.00 ~ 2.34, 12' LT.
2.36 ~ 3.24, 12' LT.
3.26 ~ 4.07, 12' LT.
2.00 ~ 2.76, 12' RT.
2.78 ~ 4.08, 12' RT.
4.10 ~ 4.07, 12' RT.

DURABLE 24" STOP BAR

TH #4 MM 2.35 LT.
TH #17 MM 2.77 RT.
TH #16 MM 3.25 LT.

NEW SIGN LEGEND

LOCATION



NEW SIGN

N = NEW
S = SALVAGE
RET = RETAIN

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

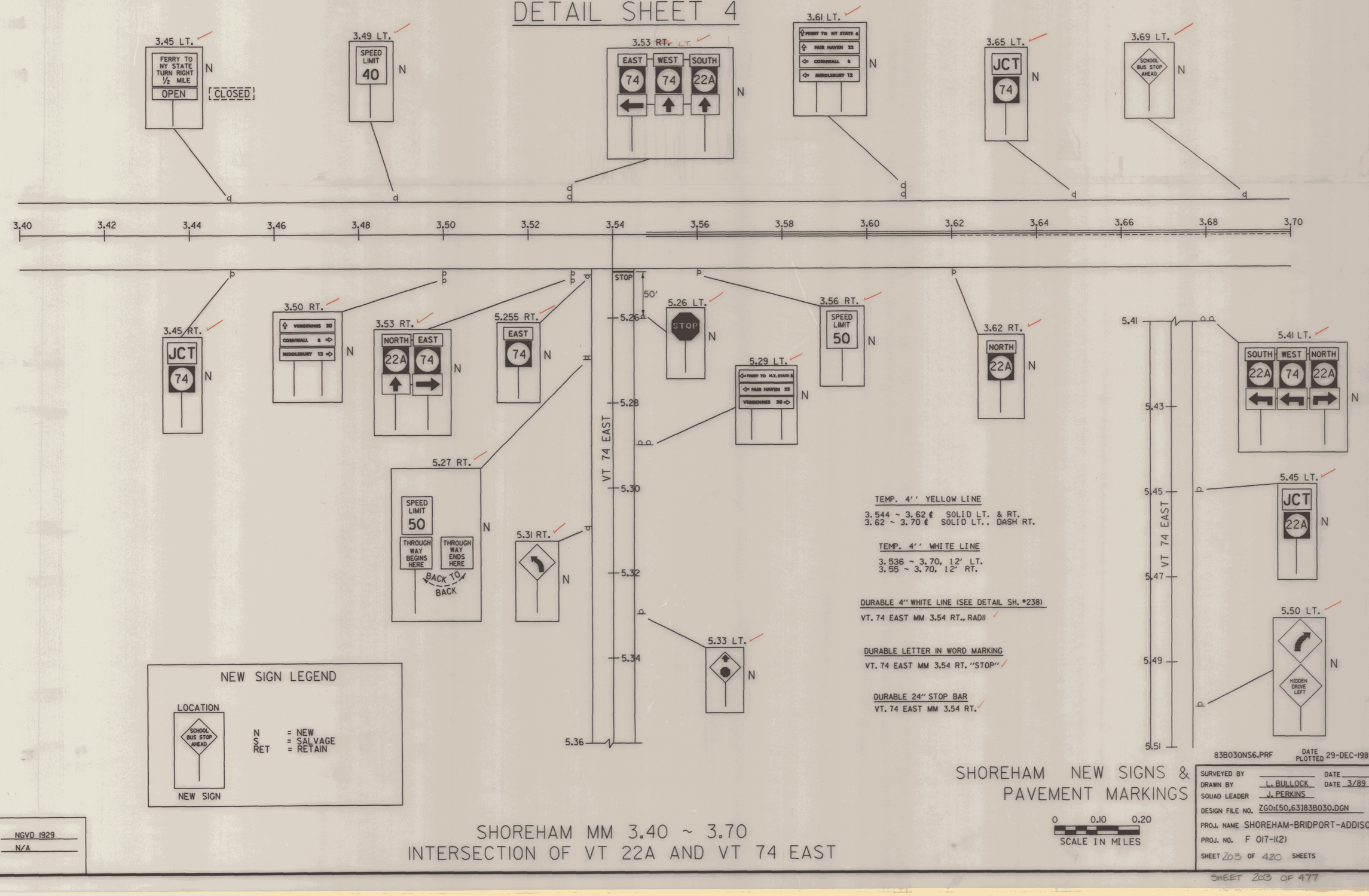
0 0.05 0.10
SCALE IN MILES

ADDISON NEW SIGNS & PAVEMENT MARKINGS

83B030NS5.PRF DATE PLOTTED 29-DEC-1989

SURVEYED BY _____ DATE _____
DRAWN BY L. BULLOCK DATE 3/89
SQUAD LEADER J. PERKINS
DESIGN FILE NO. ZGO:[50,63]83B030.DGN
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON
PROJ. NO. F 017-1(2)
SHEET 202 OF 420 SHEETS

DETAIL SHEET 4



TEMP. 4'' YELLOW LINE

3.544 ~ 3.62 ℄ SOLID LT. & RT.
3.62 ~ 3.70 ℄ SOLID LT., DASH RT.

TEMP. 4'' WHITE LINE

3.536 ~ 3.70, 12' LT.
3.55 ~ 3.70, 12' RT.

DURABLE 4'' WHITE LINE (SEE DETAIL SH. #238)

VT. 74 EAST MM 3.54 RT., RAD II

DURABLE LETTER IN WORD MARKING

VT. 74 EAST MM 3.54 RT. "STOP"

DURABLE 24'' STOP BAR

VT. 74 EAST MM 3.54 RT.

NEW SIGN LEGEND

LOCATION

NEW SIGN

N = NEW
S = SALVAGE
RET = RETAIN

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

SHOREHAM MM 3.40 ~ 3.70
INTERSECTION OF VT 22A AND VT 74 EAST

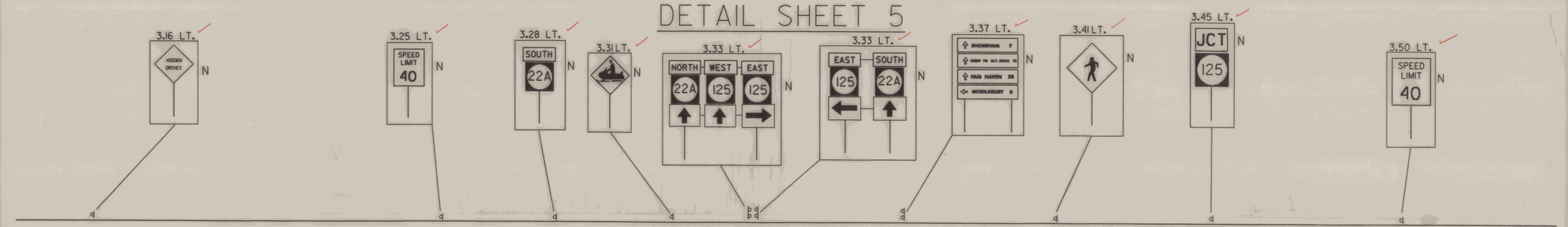
SHOREHAM NEW SIGNS & PAVEMENT MARKINGS

0 0.10 0.20
SCALE IN MILES

83B030NS6.PRF DATE PLOTTED 29-DEC-1989

SURVEYED BY _____ DATE _____
DRAWN BY L. BULLOCK DATE 3/89
SQUAD LEADER J. PERKINS
DESIGN FILE NO. ZG0:[50,63]83B030.DGN
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON
PROJ. NO. F 017-1(2)
SHEET 203 OF 420 SHEETS

DETAIL SHEET 5



3.16 LT. HIDDEN DRIVES N

3.25 LT. SPEED LIMIT 40 N

3.28 LT. SOUTH 22A N

3.31 LT. N

3.33 LT. NORTH 22A | WEST 125 | EAST 125 N

3.33 LT. EAST 125 | SOUTH 22A N

3.37 LT. SHOREHAM 7 | PERRY TO N.Y. STATE 13 | FAIR HAVEN 28 | MIDDLEBURY 8 N

3.41 LT. N

3.45 LT. JCT 125 N

3.50 LT. SPEED LIMIT 40 N

3.16 RT. SPEED LIMIT 40 N

3.20 RT. N

3.23 RT. JCT 125 N

3.26 RT. BRIDGE TO N.Y. STATE 8 | VERGENNES 14 | MIDDLEBURY 8 | AHEAD N

5.29 RT. BACK TO BACK EAST 125 THROUGH WAY BEGINS HERE | THROUGH WAY ENDS HERE N

5.33 RT. SPEED LIMIT 50 N

5.377 RT. N

VT 125 EAST

5.26 STOP

5.28

5.30

5.32

5.34

5.36

AHEAD 5.38

5.40

5.42 MATCH LINE

3.34 RT. STOP N

3.38 RT. NORTH 22A N

5.29 LT. SHOREHAM 7 | PERRY TO N.Y. STATE 13 | FAIR HAVEN 28 | BRIDGE TO N.Y. STATE 8 N

5.33 LT. SOUTH 22A | NORTH 22A | WEST 125 N

5.377 LT. N

3.42 RT. SPEED LIMIT 40 N

5.42 LT. JCT 22A N

5.42 MATCH LINE

5.44

NEW SIGN LEGEND

LOCATION

SCHOOL BUS STOP AHEAD — NEW SIGN

N = NEW
S = SALVAGE
RET = RETAIN

BRIDPORT MM 3.20 ~ 3.40
INTERSECTION OF VT 22A AND VT 125 EAST
NEW SIGNS & PAVEMENT MARKINGS

TEMP. 4" YELLOW LINE
MM 3.14 ~ 3.326 ℄ SOLID LT. & RT.
3.334 ~ 3.54 ℄ SOLID LT. & RT.
VT. 125 5.25 ~ 5.26 ℄ SOLID LT. & RT.

TEMP. 4" WHITE LINE
MM 3.14 ~ 3.54, 12' LT.
3.14 ~ 3.32, 12' RT.
3.34 ~ 3.54, 12' RT.

DURABLE 24'' STOP BAR
VT. 125, 5.25 ℄ TO LT.

DURABLE LETTER IN WORD MARKING
VT. 125, 5.25 LT. "STOP"

TEMP. LETTER IN WORD MARKING
VT. 125, 5.374 LT. "AHEAD"
VT. 125, 5.38 LT. "STOP"

REMOVAL OF EXISTING PAVEMENT MARKING
VT. 125, 5.378 ± LT., WORD AHEAD

DURABLE 4" WHITE LINE (SEE DETAIL SH. #238)
VT. 125 RADII, LT. & RT.

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

0 0.01 0.02
SCALE IN MILES

29-DEC-1989

SURVEYED BY _____ DATE _____
DRAWN BY L. BULLOCK DATE 3/89
SQUAD LEADER J. PERKINS
DESIGN FILE NO. ZGO:[50,63]83B030.DGN
PRF FILE 83B030NS7.PRF DATE PLOTTED 29-DEC-1989
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON
PROJ. NO. F 017-1(2)
SHEET 204 OF 420 SHEETS

DETAIL SHEET 6

TEMP. 4" WHITE LINE

MM 3.54 ~ 3.78, 12' LT.
3.80 ~ 3.85, 12' LT.
3.54 ~ 3.78, 12' RT.
3.80 ~ 3.85, 12' RT.

TEMP. 4" YELLOW LINE

3.54 ~ 3.786 SOLID LT. & RT.
3.794 ~ 3.85, SOLID LT. & RT.
VT. 125, 5.21 ~ 5.23 SOLID LT. & RT.

DURABLE LETTER IN WORD MARKING

VT. 125, 5.23 RT. "STOP"
TH #21, 3.79 RT. "STOP"

DURABLE 4" WHITE LINE (SEE DETAIL SH. #238)

VT. 125, APPROACH RADII
TH #21, APPROACH RADII

TEMP. LETTER IN WORD MARKING

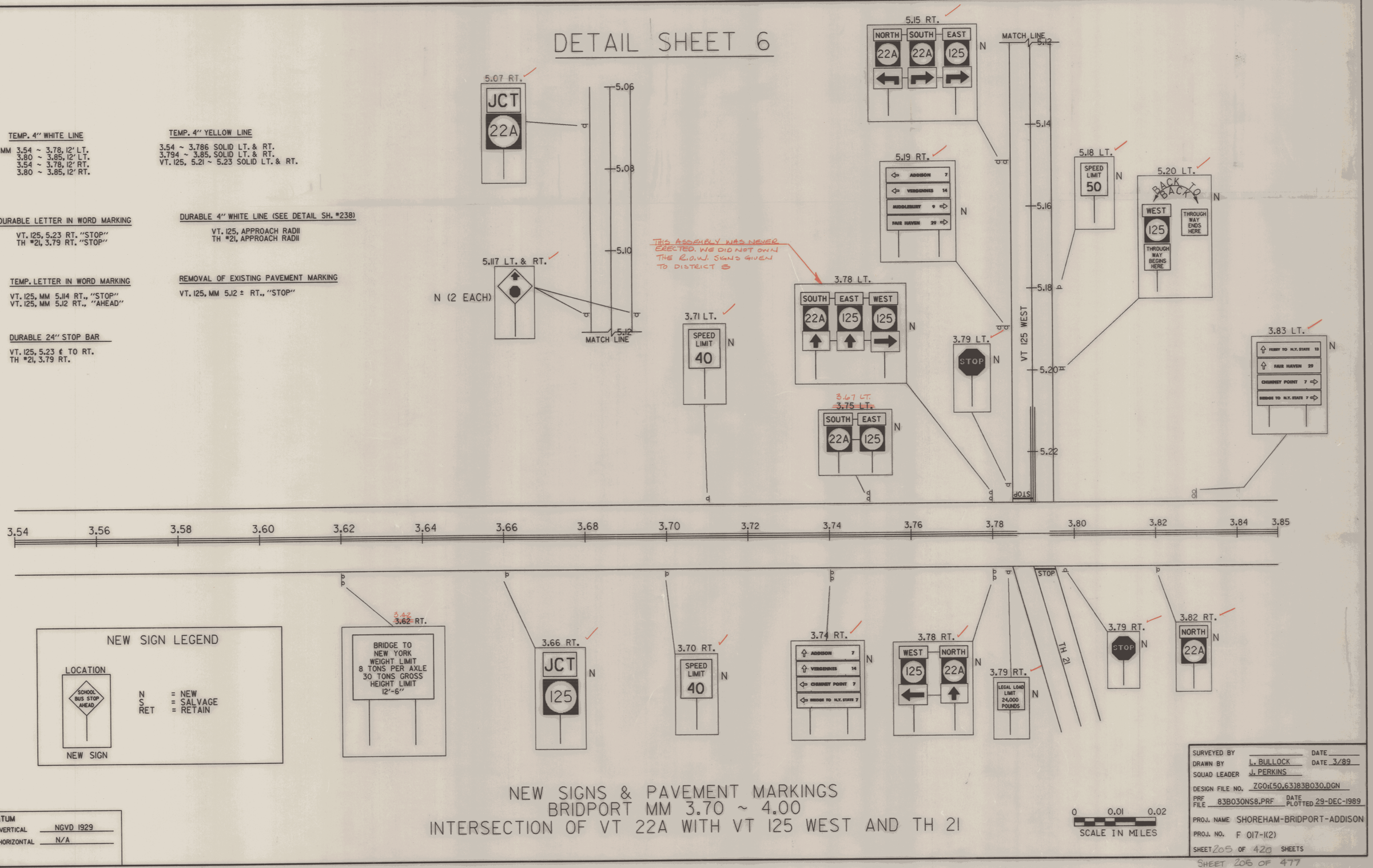
VT. 125, MM 5.114 RT., "STOP"
VT. 125, MM 5.12 RT., "AHEAD"

REMOVAL OF EXISTING PAVEMENT MARKING

VT. 125, MM 5.12 ± RT., "STOP"

DURABLE 24" STOP BAR

VT. 125, 5.23 ± TO RT.
TH #21, 3.79 RT.



NEW SIGN LEGEND

LOCATION

SCHOOL BUS STOP AHEAD

NEW SIGN

N = NEW
S = SALVAGE
RET = RETAIN

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

NEW SIGNS & PAVEMENT MARKINGS
BRIDPORT MM 3.70 ~ 4.00
INTERSECTION OF VT 22A WITH VT 125 WEST AND TH 21

0 0.01 0.02
SCALE IN MILES

SURVEYED BY _____ DATE _____
DRAWN BY L. BULLOCK DATE 3/89
SQUAD LEADER J. PERKINS
DESIGN FILE NO. ZGO:[50,63]83B030.DGN
PRF FILE 83B030NS8.PRF DATE PLOTTED 29-DEC-1989
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON
PROJ. NO. F 017-1(2)
SHEET 205 OF 420 SHEETS

SHEET 206 OF 477

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
	TOWN OF SHOREHAM																																
3.45 RT	JCT 74	21" X 15" 24" X 24"				2.2 4.0								1			14 X														JCT SIGN: STND. E-135 FOR DESIGN STND. E-136 FOR COLOR		E-135 E-136
3.45 LT	FERRY TO NY STATE TURN RIGHT 1/2 MILE / OPEN / CLOSED	48" X 48" 48" X 15"				16.0 5.0								2				18 X 16														233	
3.49 LT	SPEED LIMIT 50 40	24" X 30"				5.0								1			16 X																E-142
3.50 RT	CORNWALL 8 →	72" X 10"				5.0								2				16 X 16															E-123
	↑ VERGENNES 20	72" X 10"				5.0																											
	MIDDLEBURY 12 →	72" X 10"				5.0																											
3.53 LT	SOUTH 22A ↑	24" X 12" 30" X 24" 21" X 15"				2.0 5.0 2.2								2				16 X 16												X			E-136
	EAST 74 ←	24" X 12" 24" X 24" 21" X 15"				2.0 4.0 2.2																											E-136
	WEST 74 ↑	24" X 12" 24" X 24" 21" X 15"				2.0 4.0 2.2																											E-136
3.53 RT	EAST 74 →	24" X 12" 24" X 24" 21" X 15"				2.0 4.0 2.2								2			16 X 16													X			E-136
	NORTH 22A ↑	24" X 12" 30" X 24" 21" X 15"				2.0 5.0 2.2																											
	TOTALS			EA.		SF. 90.2	SF.	EA.	SF.								~~189~~ 186	~~191.9~~ 186.2															

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".

186 186.2

83B030TS1.PRF MASTSS

PREPARED BY L. BULLOCK DATE 11-89
CHECKED BY _____ DATE ____
DESIGN SUPERVISOR PERKINS DATE ____
PROJ. SHOREHAM-BRIDPORT-ADDISON
F 017 -1(2)
TRAFFIC SHEET NO. ____ OF ____
SHEET 206 OF 420 SHEETS

SHEET 206 OF 477

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	NEW SIGN POSTS: FLANGED CHANNEL LB./FT. 2.0	FLANGED CHANNEL LB./FT. 2.5	FLANGED CHANNEL LB./FT. 3.0	NEW SIGN POSTS: TUBULAR ALUMINUM 3.0"ø	TUBULAR ALUMINUM 3.0"□	TUBULAR ALUMINUM 4.0"ø	TUBULAR ALUMINUM 4.0"øM.	NEW SIGN POSTS: TUBULAR STEEL 3"Ø	TUBULAR STEEL 3.5"Ø	TUBULAR STEEL 4.0"Ø	TUBULAR STEEL 5.0"Ø	NEW SIGN POSTS: 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 74 5.255 RT	EAST 74	24" X 12" 24" X 24"				2.0 4.0								1			16 X															E-136
VT 74 5.26 LT	STOP	30" X 30"				6.25								1			12 X																E-143
VT 74 5.27 RT	SPEED LIMIT 50 / THROUGH WAY BEGINS HERE	24" X 30" 24" X 24"				5.0 4.0								1			16 X																E-142 E-141
	THROUGH WAY ENDS HERE	24" X 24"				4.0																									THROUGH WAY SIGNS BACK TO BACK MOUNTED		E-141
VT 74 5.29 LT	← FERRY TO NY STATE 6	72" X 10"				5.0								2				16 X 16															E-123
	← FAIR HAVEN 22	72" X 10"				5.0																											E-123
	VERGENNES 20 →	72" X 10"				5.0																											E-123
VT 74 5.31 RT		30" X 30"				6.25								1			16 X																E-151
VT 74 5.33 RT		36" X 36"				9.0								1			14 X																E-150
VT 74 5.41 LT	SOUTH 22A ←	24" X 12" 30" X 24" 21" X 15"				2.0 5.0 2.2								2				18 X 18														X		E-136
	WEST 74 ←	24" X 12" 24" X 24" 21" X 15"				2.0 4.0 2.2																												E-136
	NORTH 22A →	24" X 12" 30" X 24" 21" X 15"				2.0 5.0 2.2																												E-136
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. 82.1	SF.	EA.	SF.							~~228~~ 222 222			~~119.7~~ 129.2 129.2																

PREPARED BY BULLOCK DATE 11-89
CHECKED BY _____ DATE _____
DESIGN SUPERVISOR PERKINS DATE _____
PROJ. SHOREHAM-BRIDPORT-ADDISON
F 017 -1(2)
TRAFFIC SHEET NO. _____ OF _____
SHEET 207 OF 420 SHEETS

838030TS2.PRF MASTSS

RES PLAN PH MAR 90 SHEET 207 OF 477

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 74 5.45 LT ✓	JCT 22A	21" X 15" ✓ 30" X 24" ✓				2.2 ✓ 5.0 ✓								1 ✓			14 X																E-136
VT 74 5.50 LT ✓	HIDDEN DRIVE LEFT	30" X 30" ✓ 30" X 30" ✓				6.25 ✓ 6.25 ✓								1				18 X														232	E-151
3.56 RT ✓	SPEED LIMIT 50	24" X 30" ✓				5.0 ✓								1 ✓			14 X																E-142
3.61 LT ✓	FERRY TO N.Y. STATE 6	72" X 10" ✓				5.0 ✓								2 ✓				16 X 16															E-123
	FAIR HAVEN 22	72" X 10" ✓				5.0 ✓																											E-123
	CORNWALL 8	72" X 10" ✓				5.0 ✓																											E-123
	MIDDLEBURY 12	72" X 10" ✓				5.0 ✓																											E-123
3.62 RT ✓	NORTH 22A	24" X 12" ✓ 30" X 24"				2.0 ✓ 5.0 ✓								1 ✓			14 X																E-136
3.65 LT ✓	JCT 74	21" X 15" ✓ 24" X 24" ✓				2.2 ✓ 4.0 ✓								1 ✓			14 X																E-135 E-136
																															JCT SIGN: STND. E-135 FOR DESIGN STND. E-136 FOR COLOR		
3.69 LT ✓	SCHOOL BUS STOP AHEAD	~~24" X 30"~~ 30" X 30"				~~5.0~~ 6.25								1 ✓			16 X														232		
3.71 LT ✓	REDUCED SPEED AHEAD	24" X 30" ✓				5.0 ✓								1 ✓			14 X																E-142
TOTALS	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".			EA.		SF. ~~56.65~~ 67.9	SF.	EA.	SF.								~~264~~ 258	96.9 95.0																
															258	95.0																

PREPARED BY BULLOCK DATE 11-89
CHECKED BY _____ DATE ____
DESIGN SUPERVISOR PERKINS DATE ____
PROJ. SHOREHAM-BRIDPORT-ADDISON
F 017 -1(2)
TRAFFIC SHEET NO. ____ OF ____
SHEET 208 OF 420 SHEETS

838030TS3.PRF MASTSS

TRAFFIC SIGN SUMMARY SHEET

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	EXISTING SIGNS: SIGN DIMENSIONS	SALV.	REM.	RET.	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. 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
3.80 LT	T I S	72" X 16"							8.0																							NON FEDERAL PARTICIPATING		E-125
	T I S	72" X 16"							8.0																							NON FEDERAL PARTICIPATING		E-125
4.02 LT ✓	SCHOOL BUS STOP AHEAD	30" X 30" ✓				6.25 ✓								1 ✓			14 X															232	
4.09 RT ✓	STOP	24" X 24" ✓				4.0 ✓								1 ✓			14 X																E-143
4.09 RT ✓	LEGAL LOAD LIMIT 24,000 POUNDS	24" X 30" ✓				5.0 ✓								1 ✓			14 X																E-141
4.55 LT ✓	SCHOOL BUS STOP AHEAD	30" X 30" ✓				6.25 ✓								1 ✓			16 X															232	
4.78 RT ✓	SCHOOL BUS STOP AHEAD	30" X 30" ✓				6.25 ✓								1 ✓			16 X															232	
5.60 RT ✓	45 M. P. H.	30" X 30" ✓ 18" X 18" ✓				6.25 ✓ 2.25 ✓								1 ✓			16 X																E-151 E-152
5.64 RT	T I S	72" X 16"							8.0																							NON FEDERAL PARTICIPATING		E-125
	T I S	72" X 16"							8.0																							NON FEDERAL PARTICIPATING		E-125
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. ✓ 36.25	SF.	EA.	SF. 32.0								288 270 270																

PREPARED BY BULLOCK DATE 11-89
CHECKED BY _____ DATE ____
DESIGN SUPERVISOR PERKINS DATE ____
PROJ. SHOREHAM-BRIDPORT-ADDISON
F 017 -1(2)
TRAFFIC SHEET NO. ____ OF ____
SHEET 209 OF 420 SHEETS

838030TS4.PRF MASTSS

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	NEW SIGN POSTS: FLANGED CHANNEL LB./FT. 1.12	2.0	2.5	3.0	NEW SIGN POSTS: TUBULAR ALUMINUM 3.0"ø	3.0"□	4.0"ø	4.0"øM.	NEW SIGN POSTS: TUBULAR STEEL 3"ø	3.5"ø	4.0"ø	5.0"ø	NEW SIGN POSTS: W SHAPED STEEL POST SIZE	WEIGHT	FTG. SIZE 24"	FTG. SIZE 30"	SIGN FRAME	REMARKS	PLAN SHEET NUMBER	STD. SHEET NUMBER
5.85 LT	45 M. P. H.	30" X 30" / 18" X 18"				6.25 / 2.25								1				16 X														E-151 E-152
5.91 LT	SOUTH 22A	24" X 12" / 30" X 24"				2.0 / 5.0								1				14 X														E-136
5.93 LT		18" X 18"				2.25								1	6 X																	
5.95 LT	STOP	24" X 24"				4.0								1				12 X														E-143
5.94 LT		18" X 18"				2.25								1	6 X																	
5.96 LT	LEGAL LOAD LIMIT 24,000 POUNDS	24" X 30"				5.0								1				12 X														E-141
5.96 RT	STOP	24" X 24"				4.0								1				12 X														E-143
5.95 RT	LEGAL LOAD LIMIT 24,000 POUNDS / NO THRU TRUCKS	24" X 30" / 24" X 30"				5.0 / 5.0								1				16 X													232		E-141
~~6.0 RT~~ 5.96 RT	NORTH 22A	24" X 12" / ~~24"~~ 24" X 24"				2.0 / ~~5.0~~ 4.0								1				16 X														E-136
6.02 LT.	T I S	72" X 16"							8.0																						NON FEDERAL PARTICIPATING		E-125
	T I S	72" X 16"							8.0																								
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. ~~44.5~~ 50.0	SF.	EA.	SF. 16.0						13				~~270~~ 294															
														307																			

PREPARED BY BULLOCK DATE 11-89
CHECKED BY _____ DATE _____
DESIGN SUPERVISOR PERKINS DATE _____
PROJ. SHOREHAM-BRIDPORT-ADDISON
F 017 -1(2)
TRAFFIC SHEET NO. ____ OF ____
SHEET 210 OF 420 SHEETS

83B030TS5.PRF MASTSS

REC PLAN 11/28/89 PM

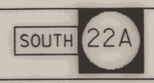
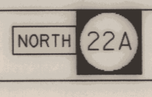
TRAFFIC SIGN SUMMARY SHEET

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
6.04 RT	SPEED LIMIT 50	24" X 30"				5.0								1			16 X															E-142
6.38 LT	SHOREHAM | BRIDPORT	60" X 7.5"				3.1								1			14 X															E-124

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
	TOWN OF BRIDPORT																																
0.49 RT ✓		30" X 30" ✓				6.25 ✓								1 ✓			16 X																233	
0.59 LT ✓		24" X 30" ✓				5.0 ✓								1 ✓			14 X																	E-142
0.63 LT ✓		24" X 12" ✓ 30" X 24" ✓				2.0 ✓ 5.0 ✓								1 ✓			14 X																	E-136
0.64 LT ✓		24" X 24" ✓				4.0 ✓								1 ✓			12 X																	E-143
0.65 LT ✓	LEGAL LOAD LIMIT 24,000 POUNDS	24" X 30" ✓				5.0 ✓								1 ✓			14 X																	E-141
0.69 RT ✓		24" X 12" ✓ 30" X 24" ✓				2.0 ✓ 5.0 ✓								1 ✓			14 X																	E-136
0.73 RT ✓	SPEED LIMIT 50	24" X 30" ✓				5.0 ✓								1 ✓			14 X																	E-142
0.80 LT ✓		30" X 30" ✓ 18" X 18" ✓				6.25 ✓ 2.25 ✓								1 ✓			16 X																233	E-152
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. 47.75 ✓	SF.	EA.	SF.								342	348 342																

PREPARED BY L. BULLOCK DATE 11-89
CHECKED BY _____ DATE ____
DESIGN SUPERVISOR PERKINS DATE ____
PROJ. SHOREHAM-BRIDPORT-ADDISON
F 017 -1(2)
TRAFFIC SHEET NO. ____ OF ____
SHEET 212 OF 420 SHEETS

838030TS7.PRF MASTSS

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	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
1.35 RT	STOP	30" X 30"				6.25								1			14 X														RIGHT SIDE OF TH 31		E-143
1.35 RT	LEGAL LOAD LIMIT 24,000 POUNDS	24" X 30"				5.0								1			16 X														LEFT SIDE OF TH 31		E-141
1.47 LT		30" X 30"				6.25								1			14 X															232	
1.51 LT	SCHOOL BUS STOP AHEAD	30" X 30"				6.25								1			14 X															232	
2.20 RT	UNSAFE TO PASS	30" X 30" / 36" X 36"				6.25 / 9.0								1				20 X															232	E-150
2.27 LT	SPEED LIMIT 50	24" X 30"				5.0								1			14 X																E-142
2.33 LT	SOUTH 22A	2(24" X 12") / 2(30" X 24")				2.0 / 5.0 / 10.0								1			14 X														SIGNS VANDALIZED REPLACED 9/13/91		E-136
2.34 LT	STOP	24" X 24"				4.0								1			14 X														RIGHT SIDE OF TH 42		E-143
2.35 LT	LEGAL LOAD LIMIT 24,000 POUNDS	24" X 30"				5.0								1			14 X														LEFT SIDE OF TH 42		E-141
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. 60.0 / 67.0	SF.	EA.	SF.						298 / 342 / 342				38															

PREPARED BY L. BULLOCK DATE 11-89
CHECKED BY _____ DATE ____
DESIGN SUPERVISOR PERKINS DATE ____
PROJ. SHOREHAM-BRIDPORT-ADDISON
F 017 -I(2)
TRAFFIC SHEET NO. ____ OF ____
SHEET 213 OF 420 SHEETS

838030TS8.PRF MASTSS

SHEET 213 OF 477

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
2.47 RT	LEGAL LOAD LIMIT 24,000 POUNDS	24" X 30"				5.0								1			16 X																E-141
2.47 RT	STOP	24" X 24"				4.0								1			14 X																E-143
2.48 RT	NORTH 22A	24" X 12" 30" X 24"				2.0 5.0								1			16 X																E-136
2.52 RT	SPEED LIMIT 50	24" X 30"				5.0								1			16 X																E-142
2.72 LT		30" X 30"				6.25								1			16 X															233	
2.76 LT	NO PASSING ZONE	48" X 36"				~~5.6~~ 6.0								1			14 X														MOUNTED BACK TO BACK		E-152
	END NO PASSING	30" X 30"				6.25																									MOUNTED BACK TO BACK		E-141
2.76 RT	DO NOT PASS	24" X 30"				5.0								1			16 X																E-141
2.84 LT	DO NOT PASS	24" X 30"				5.0								1			14 X																E-141
TOTALS				EA.		SF. ~~49.10~~ 49.5	SF.	EA.	SF.						366		~~351~~ 366																

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 ".

PREPARED BY L. BULLOCK DATE 11-89
CHECKED BY _____ DATE ____
DESIGN SUPERVISOR PERKINS DATE ____
PROJ. SHOREHAM-BRIDPORT-ADDISON
F 017 -1(2)
TRAFFIC SHEET NO. ____ OF ____
SHEET 214 OF 420 SHEETS

83B030TS9.PRF MASTSS

REC PLAN MAR 97 PU

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
2.86 RT	REDUCED SPEED AHEAD / DO NOT PASS	24' X 30' 24' X 30'				5.0 5.0								1				18 X															E-141 E-142
2.90 RT	BRIDPORT ADDISON 7	30' X 18'				3.75								1			14 X															232	
2.94 LT	SOUTH 22A	24' X 12' 30' X 24'				2.0 5.0								1			16 X															E-136
2.99 LT		30' X 30'				6.25								1			16 X															233	
3.00 LT	STOP	24' X 24'				4.0								1			12 X															E-143	
3.01 LT	SPEED LIMIT 50 / DO NOT PASS	24' X 30' 24' X 30'				5.0 5.0								1				18 X															E-142 E-141
3.01 LT	LEGAL LOAD LIMIT 24,000 POUNDS	24' X 30'				5.0								1			14 X															E-141	
3.01 RT	SPEED LIMIT 40 / NO PASSING ZONE	24' X 30' 48' X 36'				5.0 6.0								1			16 X															E-142 E-152
																															MOUNT BACK TO BACK		
3.09 LT	STOP	30' X 30'				6.25								1			12 X															E-143	
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. 63.25	SF.	EA.	SF.						303 300				64.6 68.4															
														300				68.4															

PREPARED BY L. BULLOCK DATE 11-89
CHECKED BY _____ DATE _____
DESIGN SUPERVISOR PERKINS DATE _____
PROJ. SHOREHAM-BRIDPORT-ADDISON
F 017 -1(2)
TRAFFIC SHEET NO. ____ OF ____
SHEET 215 OF 420 SHEETS

83B030T10.PRF MASTSS

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	NEW SIGN POSTS: FLANGED CHANNEL LB./FT. 2.0	2.5	3.0	NEW SIGN POSTS: TUBULAR ALUMINUM 3.0"ø	3.0"□	4.0"ø	4.0"øM.	NEW SIGN POSTS: TUBULAR STEEL 3"Ø	3.5"Ø	4.0"Ø	5.0"Ø	NEW SIGN POSTS: W SHAPED STEEL POST SIZE	WEIGHT	FTG. SIZE 24"	30"	SIGN FRAME	REMARKS	PLAN SHEET NUMBER	STD. SHEET NUMBER
3.10 LT	LEGAL LOAD LIMIT 24,000 POUNDS	24" X 30"				5.0								1			12 X															E-141
	SEE SHEETS 224-231 FOR SIGNS BETWEEN MM 3.15 & 3.85																															
3.87 LT	AHEAD	24" X 24" 24" X 18"				4.0 1.33								1			14 X														232	E-132
3.93 LT	SPEED LIMIT 40	24" X 30"				5.0								1			14 X															E-142
3.93 RT	SPEED LIMIT 50	24" X 30"				5.0								1			14 X															E-142
3.97 LT	JCT 125	21" X 15" 30" X 24"				2.2 5.0								1			16 X														JCT SIGN: STND E-135 FOR DESIGN STND E-136 FOR COLOR		E-135 E-136
4.00 LT	BRIDPORT SHOREHAM 7	30" X 18"				3.75								1			14 X															232	
4.08 LT	REDUCED SPEED AHEAD	24" X 30"				5.0								1			16 X															E-142
4.08 RT	SCHOOL BUS STOP AHEAD	30" X 30" 30" X 30"				6.25 6.25								1				20 X														232 233	
4.18 RT	35 M. P. H.	30" X 30" 18" X 18"				6.25 2.25								1			16 X															233	E-152
TOTALS				EA.		SF. 57.28	SF.	EA.	SF.								~~345~~ 348 348	~~32.3~~ 38.0															

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".

PREPARED BY L. BULLOCK DATE 11-89
CHECKED BY _____ DATE ____
DESIGN SUPERVISOR PERKINS DATE ____
PROJ. SHOREHAM-BRIDPORT-ADDISON
F 017-1(2)
TRAFFIC SHEET NO. ____ OF ____
SHEET 216 OF 420 SHEETS

83B030T11.PRF MASTSS

SHEET 216 OF 477

TRAFFIC SIGN SUMMARY SHEET

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	EXISTING SIGNS: SIGN DIMENSIONS	SALV.	REM.	RET.	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.: 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
4.21 LT	STOP	24" X 24"				4.0								1			14 X																E-143
4.21 LT	LEGAL LOAD LIMIT 24,000 POUNDS	24" X 30"				5.0								1			12 X																E-141
4.25 RT- 4.31 RT	(4)	4@ 18" X 24"				12.0								4			4(12) X														LOCATION TO BE DETERMINED BY RESIDENT ENGINEER		E-150
	(4)	4@ 18" X 24"				12.0								4			4(12) X														LOCATION TO BE DETERMINED BY RESIDENT ENGINEER		E-150
4.33 RT	LEGAL LOAD LIMIT 24,000 POUNDS	24" X 30"				5.0								1			12 X																E-141
4.34 RT	STOP	24" X 24"				4.0								1			12 X																E-143
4.35 RT	NORTH 22A	24" X 12" 30" X 24"				2.0 5.0								1			14 X																E-136
4.39 RT	SPEED LIMIT 50	24" X 30"				5.0								1			14 X																E-142
4.39 LT	SCHOOL BUS STOP AHEAD	30" X 30" 30" X 30"				6.25 6.25								1				18 X															232 233
TOTALS				EA.		SF. 66.50	SF.	EA.	SF.								~~587~~ 522	~~32.3~~ 34.2															

522 34.2

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".

PREPARED BY L. BULLOCK DATE 11-89
CHECKED BY _____ DATE ____
DESIGN SUPERVISOR PERKINS DATE ____
PROJ. SHOREHAM-BRIDPORT-ADDISON
F 017 -1(2)
TRAFFIC SHEET NO. ____ OF ____
SHEET 217 OF 420 SHEETS

83B030T12.PRF MASTSS

REC PLAN MAR 87 PN

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
4.43 LT	35 M.P.H.	30" X 30" 18" X 18"				6.25 2.25								1			16 X															233	E-152
5.48 LT	SPEED LIMIT 50	24" X 30"				5.0								1			14 X																E-142
5.52 LT	~~SOUTH 22A~~	~~24" X 12"~~ ~~30" X 24"~~				~~2.0~~ ~~5.0~~								1			14 X															VANDALIZED MOVED TO 5.54 LT	E-136
5.53 LT	STOP	24" X 24"				4.0								1			14 X																E-143
5.53 LT	LEGAL LOAD LIMIT 24,000 POUNDS	24" X 30"				5.0								1			12 X																E-141
5.54 RT	NORTH 22A	24" X 12" 30" X 24"				2.0 5.0								1			16 X																E-136
5.54 LT.	SOUTH 22A	24" x 12" 30 x 24"				2.0 5.0								1			14 X																
5.59 RT	SPEED LIMIT 50	24" X 30"				5.0								1			16 X																E-143
6.25 LT	SPEED LIMIT 50	24" X 30"				5.0								1			14 X																E-142
6.29 LT	SOUTH 22A	24" X 12" 30" X 24"				2.0 5.0								1			14 X																E-136
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. 53.50	SF.	EA.	SF.						432																		

PREPARED BY L. BULLOCK DATE 11-89
CHECKED BY _____ DATE ____
DESIGN SUPERVISOR PERKINS DATE ____
PROJ. SHOREHAM-BRIDPORT-ADDISON
F 017 -1(2)
TRAFFIC SHEET NO. ____ OF ____
SHEET 218 OF 420 SHEETS

8880301T13.PRF MASTSS

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
6.30 LT	STOP	24" X 24"				4.0								1			16 X																E-143
6.30 RT	LEGAL LOAD LIMIT 24,000 POUNDS	24" X 30"				5.0								1			16 X																E-141
6.30 RT	ADDISON | BRIDPORT	60" X 7.5"				3.1								1			14 X																E-124
				EA.		SF. 12.10	SF.	EA.	SF.								~~123~~ 138																
						416.88 ~~409.48~~									138 2790 ~~2748.0~~			178.6 ~~167.2~~															
BRIDPORT TOTALS																																	

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".

PREPARED BY L. BULLOCK DATE 11-89
CHECKED BY _____ DATE ____
DESIGN SUPERVISOR PERKINS DATE ____
PROJ. SHOREHAM-BRIDPORT-ADDISON F 017-1(2)
TRAFFIC SHEET NO. ____ OF ____
SHEET 219 OF 420 SHEETS

83B030T14.PRF MASTSS

144.4

SHEET 219 OF 477

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
	TOWN OF ADDISON																																
0.00 LT	LEGAL LOAD LIMIT 24,000 POUNDS	24" X 30"				5.0								1			12 X																E-141
0.00 RT	STOP	24" X 24"				4.0								1			14 X																E-143
0.01 RT	NORTH 22A	24" X 12" 30" X 24"				2.0 5.0								1			16 X																E-136
0.05 RT	SPEED LIMIT 50	24" X 30"				5.0								1			14 X																E-142
0.14 LT	✚	30" X 30"				6.25								1			14 X															ADDISON HES017-1(4)S 31	
0.16 LT	STOP	24" X 24"				4.0								1			14 X																E-143
0.17 LT	LEGAL LOAD LIMIT 24,000 POUNDS	24" X 30"				5.0								1			14 X																E-141
0.69	HIDDEN DRIVE	30" X 30"				6.25								1			14 X																
1.13 LT	SPEED LIMIT 50	24" X 30"				5.0								1			14 X																E-142
				EA.		SF. ~~41.25~~ 47.5	SF.	EA.	SF.								~~351~~ 378 378																
	TOTALS																																

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".

83B030T15.PRF MASTSS

PREPARED BY L. BULLOCK DATE 11-89
CHECKED BY _____ DATE ____
DESIGN SUPERVISOR PERKINS DATE ____
PROJ. SHOREHAM-BRIDPORT-ADDISON
F 017 -1(2)
TRAFFIC SHEET NO. ____ OF ____
SHEET 220 OF 420 SHEETS

REC PLAN MAR 87 PN

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	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
1.17 LT	SOUTH 22A	24" X 12" 30" X 24"				2.0 5.0								1			16 X																E-136
1.18 RT	STOP	24" X 24"				4.0								1			14 X																E-143
1.18 RT	LEGAL LOAD LIMIT 24,000 POUNDS	24" X 30"				5.0								1			16 X																E-141
1.19 RT	NORTH 22A	24" X 12" 30" X 24"				2.0 5.0								1			16 X																E-136
1.23 RT	SPEED LIMIT 50	24" X 30"				5.0								1			16 X																E-142
2.30 LT	SPEED LIMIT 50	24" X 30"				5.0								1			12 X																E-142
2.34 LT	SOUTH 22A	24" X 12" 30" X 24"				2.0 5.0								1			16 X																E-136
2.35 LT	STOP	24" X 24"				4.0								1			12 X																E-143
2.35 LT	LEGAL LOAD LIMIT 24,000 POUNDS	24" X 30"				5.0								1			14 X																E-141
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. 49.00	SF.	EA.	SF.								~~307~~ 396 396																

PREPARED BY L. BULLOCK DATE 11-89
CHECKED BY _____ DATE ____
DESIGN SUPERVISOR PERKINS DATE ____
PROJ. SHOREHAM-BRIDPORT-ADDISON
F 017 -1(2)
TRAFFIC SHEET NO. ____ OF ____
SHEET 221 OF 420 SHEETS

838030716.PRF MASTSS

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
2.35 LT.	SPEED LIMIT 40	24" X 30"				5.0		1						1			16 X													LOCATED ON TH 4		E-142
2.37 RT	NORTH 22A	24" X 12" 30" X 24"				2.0 5.0								1			16 X															E-136
2.41 RT	SPEED LIMIT 50	24" X 30"				5.0								1			16 X															E-142
2.70 LT	SPEED LIMIT 50	24" X 30"				5.0								1			16 X															E-142
2.75 LT	SOUTH 22A	24" X 12" 30" X 24"				2.0 5.0								1			16 X															E-136
2.77 RT	STOP	24" X 24"				4.0								1			16 X															E-143
2.77 RT	LEGAL LOAD LIMIT 24,000 POUNDS	24" X 30"				5.0								1			16 X															E-141
2.79 RT	NORTH 22A	24" X 12" 30" X 24"				2.0 5.0								1			16 X															E-136
2.83 RT	SPEED LIMIT 50	24" X 30"				5.0								1			16 X															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			EA.			SF. 45.00 50.0	SF.	EA.	SF.									~~387~~ 432 432															

PREPARED BY L. BULLOCK DATE 11-89
CHECKED BY _____ DATE ____
DESIGN SUPERVISOR PERKINS DATE ____
PROJ. SHOREHAM-BRIDPORT-ADDISON
F 017 -1(2)
TRAFFIC SHEET NO. ____ OF ____
SHEET 221 OF 420 SHEETS

83B030T17.PRE MASTSS

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	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
3.25 LT ✓	STOP	24" X 24" ✓				4.0 ~~5.0~~								1 ✓			14 X																E-143
3.25 LT ✓	DEAD END	30" X 30" ✓				6.25 ✓								1 ✓			14 X															LOCATED ON TH 16	232	
3.25 LT ✓	LEGAL LOAD LIMIT 24,000 POUNDS	24" X 30" ✓				5.0 ✓								1			14 X																	E-141

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	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
	TOWN OF BRIDPORT HES F017-1(2)																																	
3.16 RT	SPEED LIMIT 40	24" X 30"				5.0								1			14 X 14																E-142
3.16 LT	HIDDEN DRIVE	2(30" X 30")				2(6.25)								1			14 X															SIGN VANDALIZED	232	
3.20 RT		30" X 30" 30" X 30"				6.25 6.25								1			18 X 18																232	E-152
3.23 RT	JCT 125	21" X 15" 30" X 24"				2.2 5.0								1			16 X															JCT SIGNS: STND E-135 FOR DESIGN STND E-136 FOR COLOR		E-135 E-136
3.26 RT	BRIDGE TO NY STATE 8	72" X 10"				5.0								2			18 X 18																	E-123
	VERGENNES 14	72" X 10"				5.0																												E-123
	MIDDLEBURY 8	72" X 10"				5.0																												E-123
	AHEAD	24" X 24" 24" X 8"				4.0 1.33																											232	E-132
3.25 LT	SPEED LIMIT 40	24" X 30"				5.0								1			12 X																	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				EA.		SF. ~~56.28~~ 62.53	SF.	EA.	SF.						~~174~~ 318 318			~~36.9~~ 68.4 68.4																	

PREPARED BY L. BULLOCK DATE 11-89
CHECKED BY _____ DATE ____
DESIGN SUPERVISOR PERKINS DATE ____
PROJ. SHOREHAM-BRIDPORT-ADDISON F 017-1(2)
TRAFFIC SHEET NO. ____ OF ____
SHEET 224 OF 420 SHEETS

83B030T19.PRF MASTSS

TRAFFIC SIGN SUMMARY SHEET

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	EXISTING SIGNS: SIGN DIMENSIONS	EXISTING SIGNS: SALV.	EXISTING SIGNS: REINL.	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: REINL.	EXISTING POSTS: SALV.	NEW SIGN POSTS: NUMBER OF POSTS	NEW SIGN POSTS: FLANGED CHANNEL LB./FT. 2.0	2.5	3.0	NEW SIGN POSTS: TUBULAR ALUMINUM 3.0"Ø	3.0"□	4.0"Ø	4.0"WFL	NEW SIGN POSTS: TUBULAR STEEL 3"Ø	3.5"Ø	4.0"Ø	5.0"Ø	NEW SIGN POSTS: W SHAPED STEEL POST SIZE	WEIGHT	FDN. SIZE 24"	30"	SIGN FRAME	REMARKS	PLAN SHEET NUMBER	STD. SHEET NUMBER
																															Posts Ran over – Replaced		
3.28 LT	SOUTH 22	24" X 12" 30" X 24"				2.0 5.0								1			12 X																E-136
3.32 RT	STOP	36" X 36"				9.00								2			14 X 14																
3.31 LT		30" X 30"				6.25								1			X 12															232	
3.22 LT		24" X 28"				8.00								1			14 X 14																
3.33 LT	NORTH 22	24" X 12" 30" X 24" 21" X 15"				2.0 5.0 2.2								2				18"18 X 18													X	Post Ran over – Replaced		E-136
	WEST 125	24" X 12" 30" X 24" 21" X 15"				2.0 5.0 2.2																											E-136
	EAST 125	24" X 12" 30" X 24" 21" X 15"				2.0 5.0 2.2																											E-136
3.33 RT	STOP	36" X 36"				9.00								2			14 X 14																
3.34 RT	STOP	30" X 30"				6.25								1			14 X																E-143
WT 125 EAST 5.29 RT	EAST 125 THROUGH HWY BEGINS HERE	24" X 12" 30" X 24" 24" X 24"				2.0 5.0 4.0								1				20 X																E-136
	THROUGH HWY ENDS HERE	24" X 24"				4.0																										THROUGH HWY SIGNS BACK TO BACK MOUNTED		E-141
WT 125 EAST 5.29 LT	SHOREHAM 7	72" X 10"				5.0								2				18 X 18																E-123
	FERRY TO NY STATE 12	72" X 10"				5.0																											E-123
	FAIR HAVEN 28	72" X 10"				5.0																											E-123
	BRIDGE TO NY STATE 9	72" X 10"				5.0																											E-123
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. ~~82.1~~ 108.1	SF.	EA.	SF.									~~13~~ ~~366~~ 366	158 209 209																

PREPARED BY L. BULLOCK DATE 1-89
CHECKED BY _____ DATE _____
DESIGN SUPERVISOR PENNINGTON DATE _____
PROJ. SHOREHAM-BRIDPORT-WDSTCK
F 017-1(2)
TRAFFIC SHEET NO. _____ OF _____
SHEET 225 OF 420 SHEETS

SIGNSUM20.PRF WASTE

SEE NEW SHEET 1A

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	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
VT 125 EAST 5.33 LT	SOUTH 22A ←	24" X 12" 30" X 24" 21" X 15"				2.0 5.0 2.2								2				18 X 18												X			E-136
	NORTH 22A →	24" X 12" 30" X 24" 21" X 15"				2.0 5.0 2.2																											E-136
	WEST 125 →	24" X 12" 30" X 24" 21" X 15"				2.0 5.0 2.2																											E-136
VT 125 EAST 5.33 RT	SPEED LIMIT 50	24" X 30"				5.0								1			14 X																E-142
VT 125 EAST 5.377 RT	◆	36" X 36"				9.0								1			16 X																E-150
VT 125 EAST 5.377 LT	◆	~~36" X 36"~~				~~2~~ (9.0)								1			16 X															Replace Stolen Sign		E-150
VT 125 EAST 5.42 LT	JCT 22A	21" X 15" 30" X 24"				2.2 5.0								1			16 X															Jct Sign: Stnd E-135 for Design Stnd E-136 for Color		E-135 E-136
3.33 LT	EAST 125 ←	24" X 12" 30" X 24" 21" X 15"				2.0 5.0 2.2								2+2			16+16 X 16+16														X	Posts Run over. Replaced Same		E-136
	SOUTH 22A ↑	24" X 12" 30" X 24" 21" X 15"				2.0 5.0 2.2																												E-136
TOTALS	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".			EA.		SF. ~~76.20~~ 85.2	SF.	EA.	SF.									279 378 378	646 68.4 68.4																

PREPARED BY L. BULLOCK DATE 11-89
CHECKED BY _____ DATE ____
DESIGN SUPERVISOR PERKINS DATE ____
PROJ. SHOREHAM-BRIDPORT-ADDISON
F 017 -1(2)
TRAFFIC SHEET NO. ____ OF ____
SHEET 226 OF 420 SHEETS

838030T21.PRF MASTSS

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	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
3.37 LT	SHOREHAM 7	72" X 10"				5.0								2				16 X 16															E-123
	FERRY TO NY STATE 12	72" X 10"				5.0																											E-123
	FAIR HAVEN 28	72" X 10"				5.0																											E-123
	MIDDLEBURY 8	72" X 10"				5.0																											E-123
3.38 RT	NORTH 22A	24" X 12" 30" X 24"				2.0 5.0								1			12 X															E-136
3.41 LT		30" X 30"				6.25								1			14 X															E-152
3.42 RT	SPEED LIMIT 40	24" X 30"				5.0								1			14 X															E-142
3.45 LT	JCT 125	21" X 15" 30" X 24"				2.2 5.0								1			16 X														JCT SIGN: STND E-135 FOR DESIGN STND E-136 FOR COLOR		E-135 E-136
3.50 LT	SPEED LIMIT 40	24" X 30"				5.0								1			14 X															E-142
3.62 RT	BRIDGE TO NEW YORK WEIGHT LIMIT 8 TONS PER AXLE 36 TONS GROSS HEIGHT LIMIT 12'-6"	96" X 96"					64							2										X						SEE STND. E-163 FOR MOUNTING DETAILS 2 - 18" FOUNDATIONS	ADDISON HES017-104)S 31	
				EA.		SF. 50.45	SF. 64.00	EA.	SF.								219 210	60.8						432								
																	210'	60.8'														

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

B38030T22.PRF MASTSS

PREPARED BY L. BULLOCK DATE 11-89
CHECKED BY _____ DATE ____
DESIGN SUPERVISOR PERKINS DATE ____
PROJ. SHOREHAM-BRIDPORT-ADDISON
F 017 -1(2)
TRAFFIC SHEET NO. ____ OF ____
SHEET 227 OF 420 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"Ø WAL	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
3.66 RT	JCT 125	21" X 15" 30" X 24"				2.2 5.0								1			16 X														JCT SIGN: STND E-135 FOR DESIGN STND E-136 FOR COLOR		E-135 E-136
3.70 RT	SPEED LIMIT 40	24" X 30"				5.0								1			14 X																E-142
3.71 LT	SPEED LIMIT 40	24" X 30"				5.0								1			12 X																E-142
3.74 RT	ADDISON 7	72" X 10"				5.0								2				16 X 16															E-123
	VERGENNES 14	72" X 10"				5.0																											E-123
	CHIMNEY POINT 7	72" X 10"				5.0																											E-123
	BRIDGE TO NY STATE 7	72" X 10"				5.0																											E-123
~~3.75 LT~~ 3.67 LT	SOUTH 22A	24" X 12" 30" X 24"				2.0 5.0								2			14 X 14													X	MOVED FROM 3.7		E-136
	EAST 125	24" X 12" 30" X 24"				2.0 5.0																											E-136
3.78 RT	WEST 125	24" X 12" 30" X 24" 21" X 15"				2.0 5.0 2.2								2			16 X 16													X			E-136
	NORTH 22A	24" X 12" 30" X 24" 21" X 15"				2.0 5.0 2.2																											E-136
3.79 RT	LEGAL LOAD LIMIT 24,000 POUNDS	24" X 30"				5.0								1			16 X																E-141
TOTALS				EA.		SF. 74.4	SF.	EA.	SF.								~~375~~ 348	60.8															

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".

348 60.8

PREPARED BY L. BULLOCK DATE 1-89
CHECKED BY _____ DATE ____
DESIGN SUPERVISOR PERKINS DATE ____
PROJ. SHOREHAM-BRIDPORT-ADDISON
F OIT -(12)
TRAFFIC SHEET NO. ____ OF ____
SHEET 228 OF 420 SHEETS

89B0307Z3.PRF WASTSS

SHEET 228 OF 477

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.J.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"WM.	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
3.79 RT	STOP	24" X 24"				4.0								1			14 X																E-143
VT 125 WEST 5.07 RT	JCT 22A	21" X 15" 30" X 24"				2.2 5.0								1			16 X														JCT SIGN: STND E-135 FOR DESIGN STND E-136 FOR COLOR		E-135 E-136
VT 125 WEST 5.117 LT AND RT		2@ 30" X 30"				18.0								2			14 X 14																E-150
VT 125 WEST 5.15 RT	NORTH 22A	24" X 12" 30" X 24" 21" X 15"				2.0 5.0 2.2								2				18 X 18												X			E-136
	SOUTH 22A	24" X 12" 30" X 24" 21" X 15"				2.0 5.0 2.2																											E-136
	EAST 125	24" X 12" 30" X 24" 21" X 15"				2.0 5.0 2.2																											E-136
VT 125 WEST 5.18 LT	SPEED LIMIT 50	24" X 30"				5.0								1			16 X																E-142
VT 125 WEST 5.19 RT	← ADDISON 7	72" X 10"				5.0								2				16 X 16															E-123
	← VERGENNES 14	72" X 10"				5.0																											E-123
	MIDDLEBURY 9 →	72" X 10"				5.0																											E-123
	FAIR HAVEN 29 →	72" X 10"				5.0																											E-123
TOTALS				EA.		SF. ~~81.80~~ 63.8	SF.	EA.	SF.								~~222~~ 216	~~125.4~~ 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".

216 129.2

83B030T24.PRF MXSTSS

PREPARED BY L. BULLOCK DATE 11-83
CHECKED BY _____ DATE ____
DESIGN SUPERVISOR PERKINS DATE ____
PROJ. SHOREHAM-BRIDPORT-ADDISON
F 017-K21
TRAFFIC SHEET NO. ____ OF ____
SHEET 229 OF 420 SHEETS

TRAFFIC SIGN SUMMARY SHEET

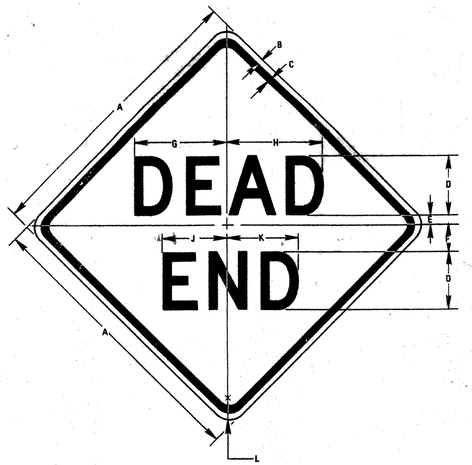
TRAFFIC SIGN SUMMARY SHEET

WILDWORKER, 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.E.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"□	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. SIDE: 24"	FTG. SIDE: 30"	SIGN FRAME	REMARKS	PLAN SHEET NUMBER	STD. SHEET NUMBER
WT 125 WEST 5.20 LT	WEST 125 THROUGH WAY BEGINS HERE	24" X 12" 30" X 24" 24" X 24"				2.0 5.0 4.0								1				18 X														E-136
	THROUGH WAY ENDS HERE	24" X 24"				4.0																									THROUGH WAY SIGNS MOUNTED BACK TO BACK		E-141
5.25 LT		18"x18"				2.25								1	6 X																		
3.79 LT	STOP	30" X 30"				6.25								1			14 X																E-143
3.80 LT		18"x18"				2.25								1	6 X																		
3.78 LT	WEST 125 →	24" X 12" 30" X 24" 21" X 15"				2.0 5.0 2.2								2				16 X 16													X		E-136
	EAST 125 ↑	24" X 12" 30" X 24" 21" X 15"				2.0 5.0 2.2																											E-136
	SOUTH 22A ↑	24" X 12" 30" X 24" 21" X 15"				2.0 5.0 2.2																											E-136
3.85 RT	⟷	14"x48"				8.00								2			16 X 16																
3.82 RT	NORTH 22A	24" X 12" 30" X 24"				2.0 5.0								1			14 X																E-136
3.83 LT	FERRY TO NY STATE ↑	72" X 10"				5.0								2				16 X 16															E-123
	FAIR HAVEN 29 ↑	72" X 10"				5.0																											E-123
	CHIMNEY POINT 7 →	72" X 10"				5.0																											E-123
	BRIDGE TO NY STATE 7 →	72" X 10"				5.0																											E-123
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. 75.85 88.33 324.83 489.06	SF. 64.00	EA.	SF.						13.44 84 180 193.44 1473.0				188.1 153.8 150.5			432.0													

PREPARED BY L. BULLOCK DATE 11-88
CHECKED BY _____ DATE _____
DESIGN SUPERVISOR PERKINS DATE _____
PROJ. SHOREHAM-BRIDPORT-ADDISON
F 017-1(2)
TRAFFIC SHEET NO. _____ OF _____
SHEET 330 OF 4202 SHEETS

88033035.PRF WRST55

SIGN DETAILS

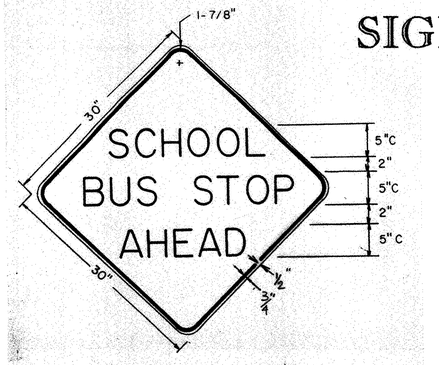


SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
MIN.	24	3/8	5/8	5D	1	2	8-1/4	8-9/16	5-5/8	6-1/4	1-1/2
→ STD.	30	1/2	3/4	6D	1-1/2	2-1/2	9-3/4	10-1/4	6-3/4	7-1/2	1-7/8
SPECIAL	36	5/8	7/8	7D	2	3	11-3/8	11-15/16	7-7/8	8-3/4	2-1/4

COLORS

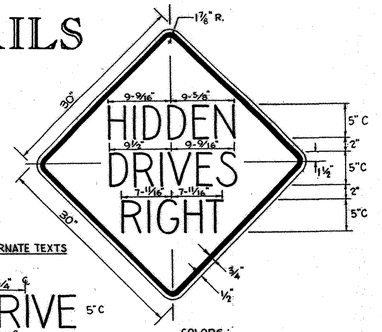
LEGEND – BLACK (NON-REFL)
BACKGROUND – YELLOW (REFL)

See Standard E-150 for Materials



COLORS
LEGEND - BLACK (NON-REFL.)
BACKGROUND - YELLOW (REFL.)

See Standard E-150 for Materials



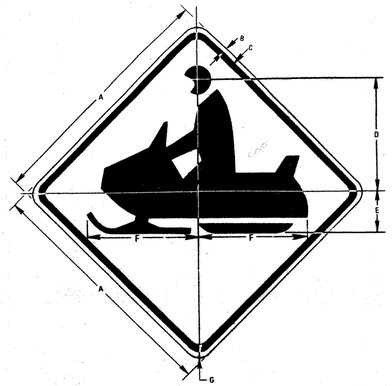
ALTERNATE TEXTS



COLORS:
TEXT AND BORDER - BLACK (NON-REFL.
BACKGROUND - YELLOW (REFL.)

	5"C
HIDDEN	19.16"
DRIVES	19.06"
DRIVE	15.49"
RIGHT	15.38"
LEFT	12.24"

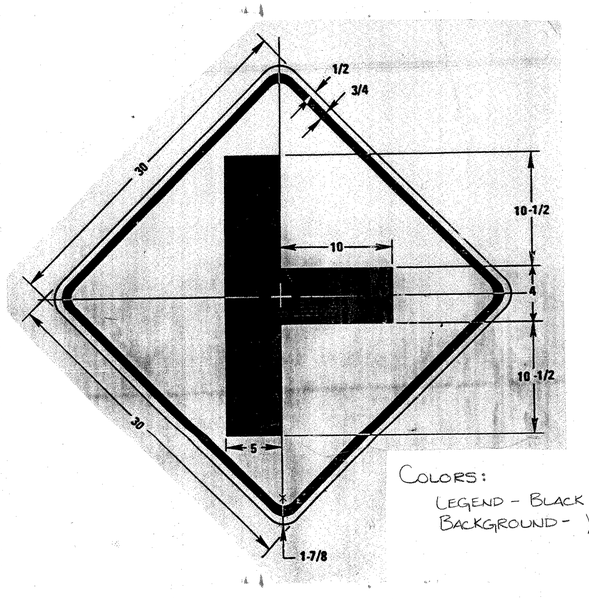
See Standard E-150 for Materials



SIGN	DIMENSIONS (INCHES)						
	A	B	C	D	E	F	G
MIN.	24	3/8	5/8	9-7/16	4-7/16	10-3/16	1-1/2
→ STD.	30	1/2	3/4	11-7/16	5-9/16	12-11/16	1-7/8
SPECIAL	36	5/8	7/8	14-1/8	6-3/4	15-1/4	2-1/4

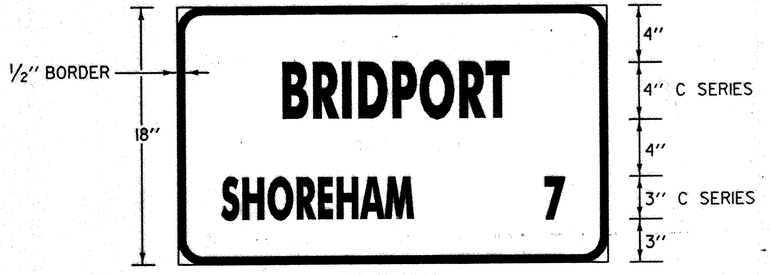
COLORS
LEGEND –BLACK (NON-REFL)
BACKGROUND–YELLOW (REFL)

See Standard E-150 for Materials



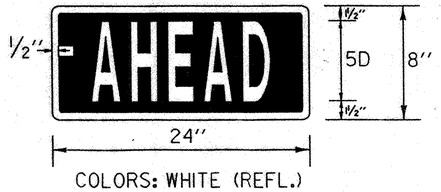
Colors:
Legend - Black (Non-Refl.)
Background - Yellow (Refl.)

MIRROR IMAGE
See Standard E-150 for Materials



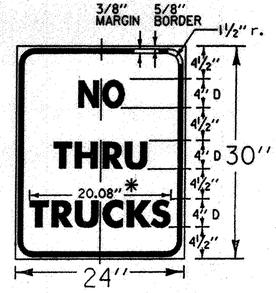
NOT TO SCALE
COLORS: GREEN REFL.(ENG. GRADE) BACKGROUND
WHITE REFL. TEXT

MATERIALS: FLAT SHEET ALUMINUM 0.080"
HIGH DENSITY OVERLAID PLYWOOD 1/2"
GALVANIZED FLAT SHEET STEEL 16 GAGE



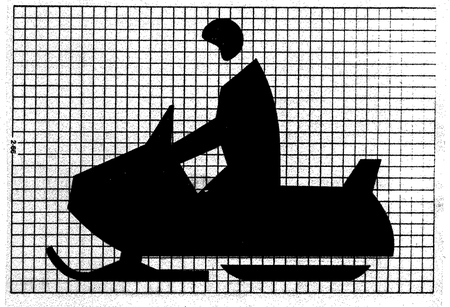
COLORS: WHITE (REFL.)
BACKGROUND BLUE

See Standard E-132 for Materials



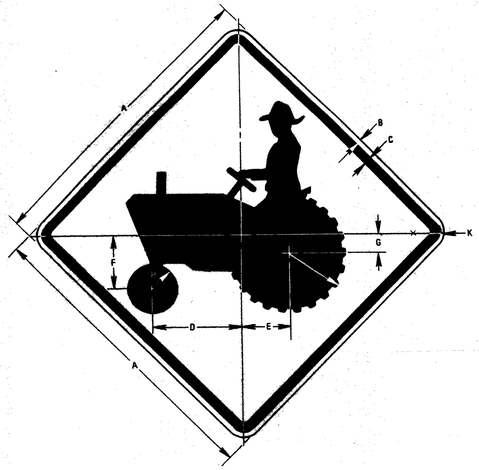
* REDUCE SPACING 50%

COLORS : TEXT AND BORDER BLACK - (REFL.)
BACKGROUND - WHITE (REFL.)
SEE STD. E-141 FOR MATERIALS



SURVEYED BY	DATE
DRAWN BY	L. BULLOCK DATE 11-89
SQUAD LEADER	J. PERKINS
DESIGN FILE NO.	[50,63]83B030.DGN
PRF FILE	83B030BL.PRF DATE PLOTTED 11-29-89
PROJ. NAME	SHOREHAM-BRIDPORT-ADDISON
PROJ. NO.	F 017-1(2)
SHEET	234 OF 420 SHEETS

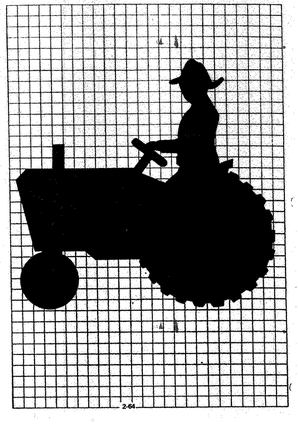
SIGN DETAILS

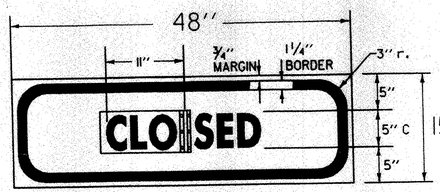


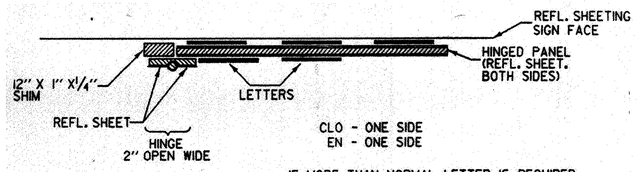
SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
MIN.	24	3/8	5/8	6-7/8	3-3/4	4-3/8	1-3/8	2	4-3/4	1-1/2
STD.	30	1/2	3/4	8-3/4	4-3/4	5-1/2	1-3/8	2-1/2	6	1-7/8
EXPWY.	36	5/8	7/8	10-1/2	5-3/4	6-5/8	2-1/8	3	7-1/4	2-1/4
SPECIAL	48	3/4	1-1/4	13-3/8	7-1/8	8-3/4	2-3/8	4	9-1/8	3

COLORS
LEGEND –BLACK (NON-REFL)
BACKGROUND–YELLOW (REFL)

SEE STANDARD E-150 FOR MATERIALS

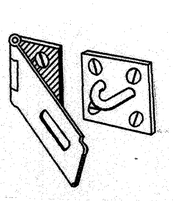




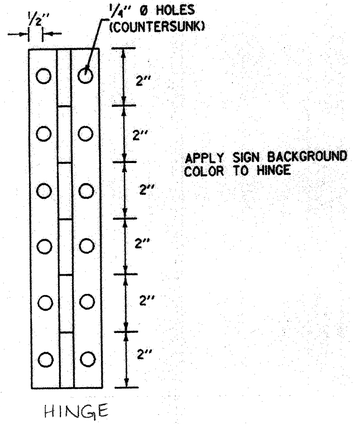


IF MORE THAN NORMAL LETTER IS REQUIRED TO CLEAR HINGE, ADJUST SPACING OF OTHER LETTERS ACCORDINGLY.

HINGED PANEL AND ALL HARDWARE ARE SUBSIDRARY TO OTHER ITEMS. ALL HARDWARE SHALL BE STAINLESS STEEL.

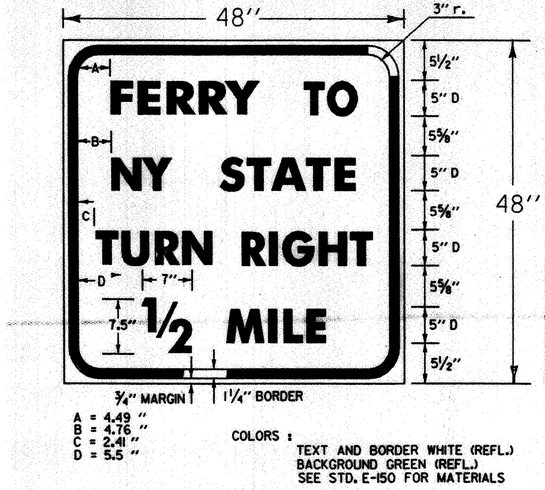


HASP



APPLY SIGN BACKGROUND COLOR TO HINGE

HINGE



A = 4.49 ''
B = 4.76 ''
C = 2.41 ''
D = 5.5 ''

COLORS :
TEXT AND BORDER WHITE (REFL.)
BACKGROUND GREEN (REFL.)
SEE STD. E-150 FOR MATERIALS

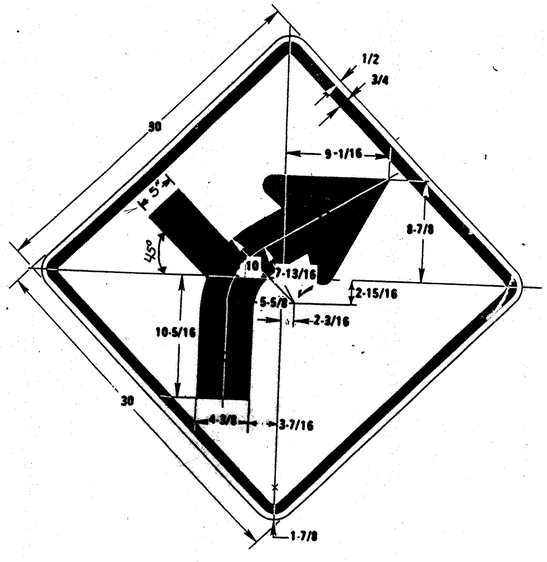


SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
STD. & MIN.	30	1/2	3/4	2	20	3	3-3/4	1-7/8
EXWPY.	36	5/8	7/8	2-1/2	24	3-1/2	4-1/2	2-1/8
SPECIAL	48	3/4	1-1/4	3-1/4	32	5	6	3

COLORS

LEGEND – BLACK (NON-REFL)
BACKGROUND – YELLOW

SEE STANDARD E-150 FOR MATERIALS



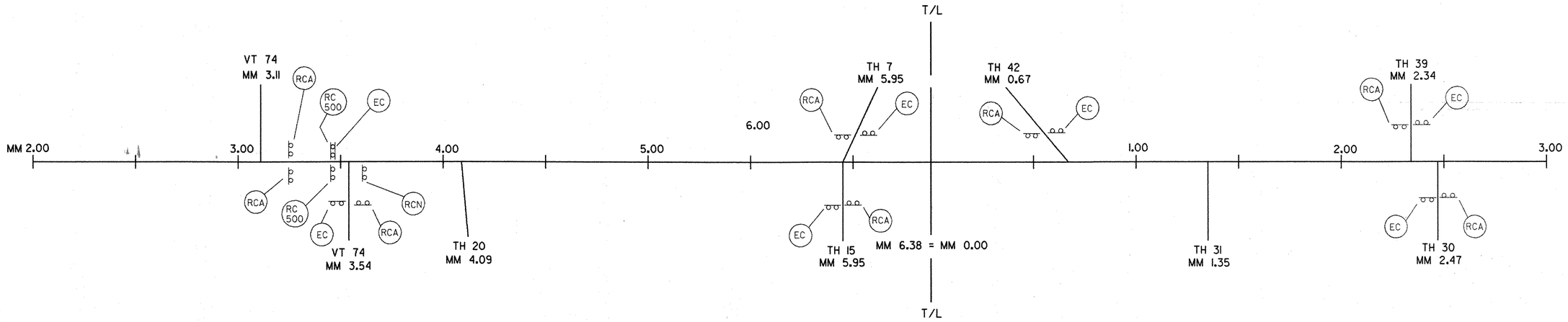
COLORS:
LEGEND - BLACK (NON-REFL)
BACKGROUND - YELLOW

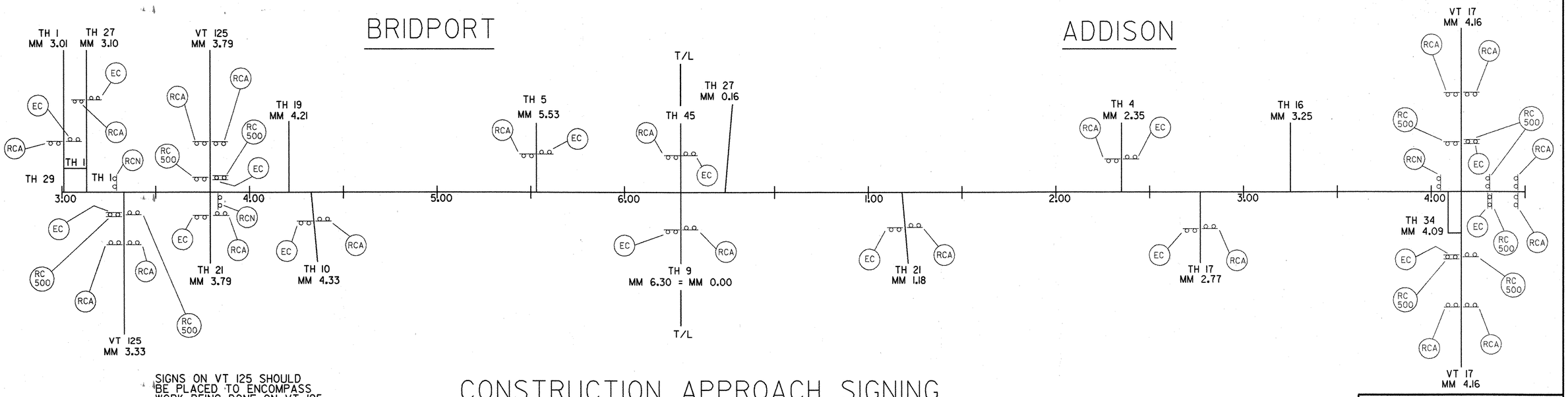
SEE STANDARD E-150 FOR MATERIALS

MIRROR IMAGE



SURVEYED BY	DATE
DRAWN BY L. BULLOCK	DATE 11-89
SQUAD LEADER J. PERKINS	
DESIGN FILE NO. [50,63]83B030.DGN	
PRF FILE 83B030BL.PRF	DATE PLOTTED 11-29-89
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON	
PROJ. NO. F 017-1(2)	
SHEET 235 OF 420 SHEETS	





SIGNS ON VT 125 SHOULD BE PLACED TO ENCOMPASS WORK BEING DONE ON VT 125.

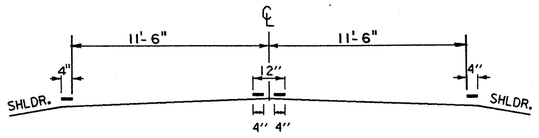
CONSTRUCTION APPROACH SIGNING

NOT TO SCALE
(SEE STANDARD E-100)

LEGEND

RCA	= ROAD CONSTRUCTION AHEAD	
RC 500	= ROAD CONSTRUCTION 500 FT	
EC	= END CONSTRUCTION	
RCN	= ROAD CONSTRUCTION NEXT	MILES

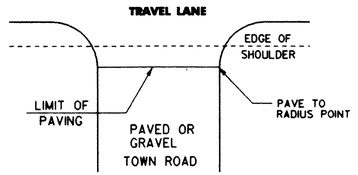
SURVEYED BY _____ DATE _____
DRAWN BY L. BULLOCK DATE 3/89
SQUAD LEADER J. PERKINS
DESIGN FILE NO. ZGO:[50,63]83B030.DGN
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON
PROJ. NO. F 017-1(2)
SHEET 230 OF 420 SHEETS
SHEET 230 OF 477



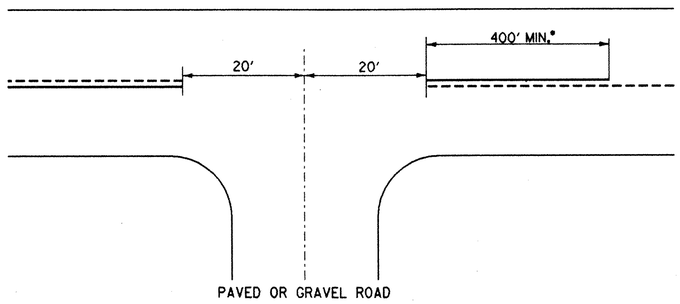
PAVEMENT MARKING PLACEMENT DETAIL

TRAFFIC NOTES

NOT TO SCALE



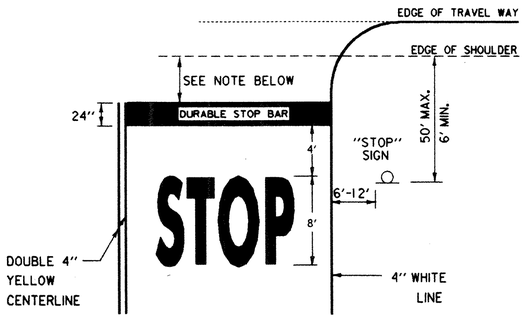
PAVING LIMITS FOR TOWN ROADS



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.

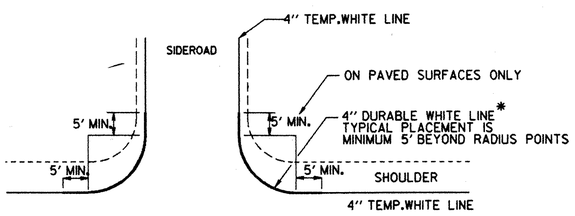
APPROACH TO A SIDE ROAD INTERSECTION



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.

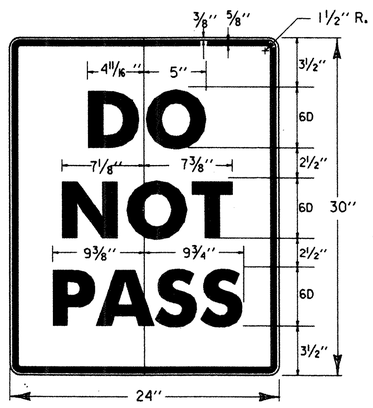
PAVEMENT MARKING DETAILS

(SEE TRAFFIC NOTE "F")



* FOR ALL PAVED CLASS I & 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.

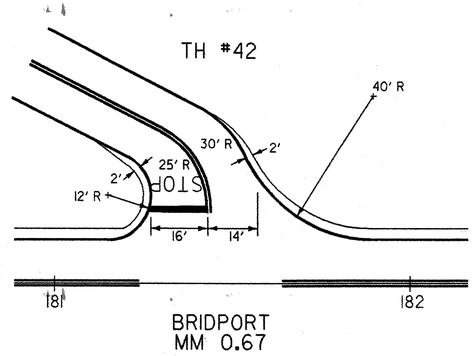
Traffic Sht. of **MASHMA.DGN**

REVISIONS

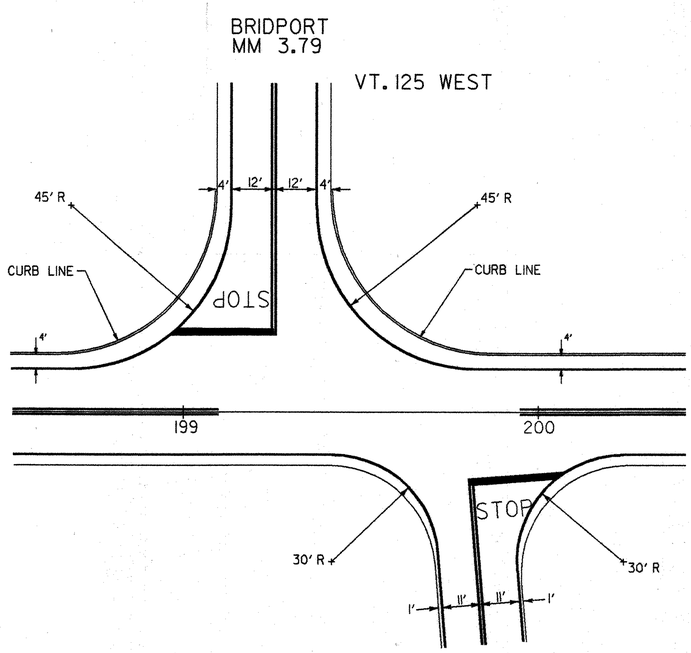
DELETED DRIVE DETAIL
REVISED STOPBAR - CL
07/11/89
NOTES CHANGED, SIGN ADDED
10/03/89 DAR

SURVEYED BY _____ DATE _____
DRAWN BY _____ DATE _____
SQUAD LEADER Perkins
DESIGN FILE NO. _____ DATE _____
PLOTTED
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON
PROJ. NO. F017-1(2)
SHEET 237 OF 420 SHEETS

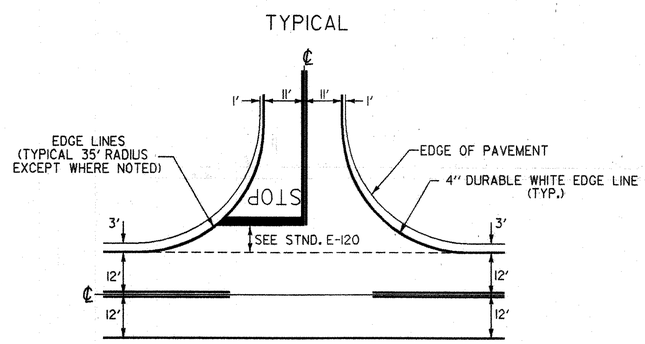
PROPOSED PAVEMENT MARKINGS FOR INTERSECTIONS



BRIDPORT
MM 0.67

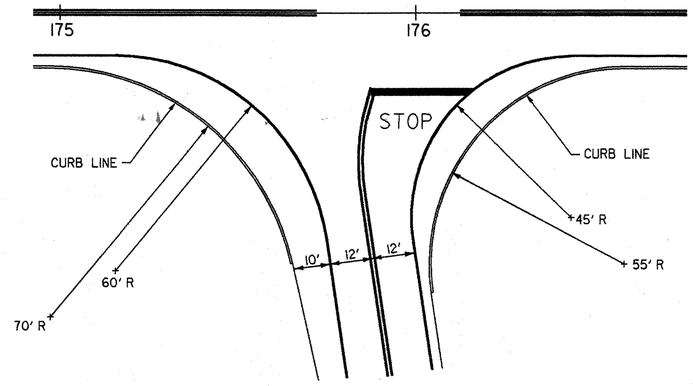


TH #21
BRIDPORT
MM 3.84

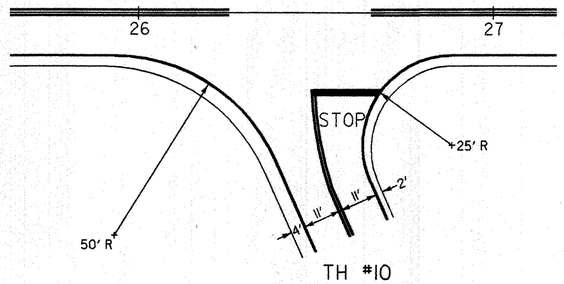


EDGE LINES FOR TH'S WITH 1'-11'-11'-1' TYPICALS

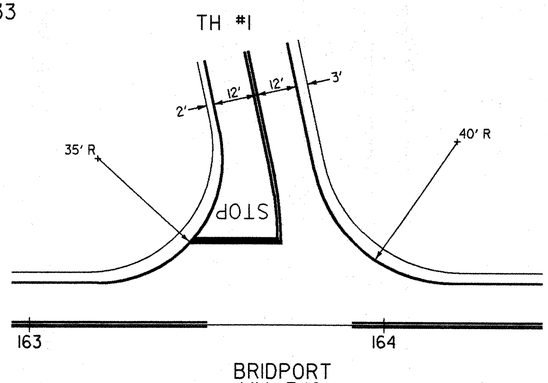
SHOREHAM - TH #15 MM 5.95 RT. - 35' RADII
BRIDPORT - TH #31 MM 1.35 RT. - 35' RADII
BRIDPORT - TH #39 MM 2.34 LT. - 35' RADII
BRIDPORT - TH #19 MM 4.21 LT. - 25' RADII
BRIDPORT - TH #5 MM 5.53 LT. - 35' RADII
BRIDPORT - TH #9 MM 6.30 RT. - 35' RADII
BRIDPORT - TH #45 MM 6.30 LT. - 35' RADII
ADDISON - TH #21 MM 1.18 RT. - 35' RADII
ADDISON - TH #4 MM 2.35 LT. - 35' RADII
ADDISON - TH #17 MM 2.77 RT. - 35' RADII
ADDISON - TH #16 MM 3.25 LT. - 35' RADII
ADDISON - TH #34 MM 4.09 RT. - NORTH 35' RADII - SOUTH 30' RADII
SHOREHAM - TH #7, MM 5.95 LT. - NORTH 35' RADII - SOUTH 50' RADII
SHOREHAM - TH #20, MM 4.09 RT. - 25' RADII
BRIDPORT - TH #30, MM 2.47 RT. - 25' RADII
BRIDPORT - TH #29, MM 3.01 LT. - 25' RADII



VT. 125 EAST
BRIDPORT
MM 3.33



TH #10
BRIDPORT
MM 4.33

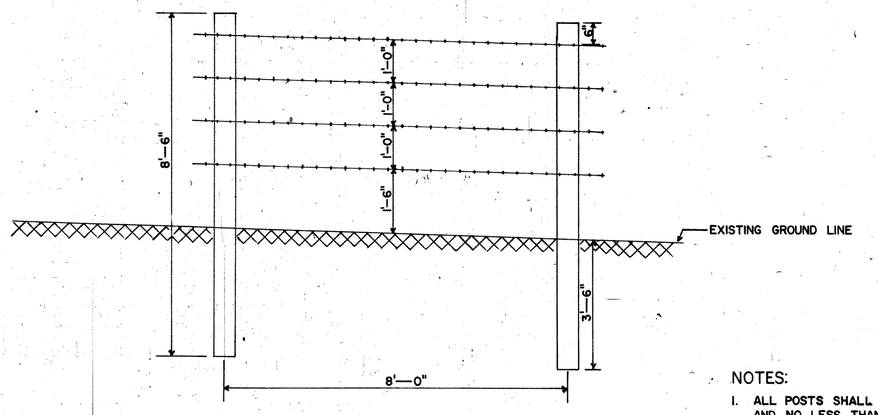


BRIDPORT
MM 3.10

PLACEMENT OF STOP BAR TO BE DETERMINED
BY THE RESIDENT ENGINEER.

SURVEYED BY		DATE
DRAWN BY	L. BULLOCK	DATE 11-89
SQUAD LEADER	J. PERKINS	
DESIGN FILE NO.	[50,63]83B030.DGN	
PRF FILE	83B030D1.PRF	DATE PLOTTED 11-9-89
PROJ. NAME	SHOREHAM-BRIDPORT-ADDISON	
PROJ. NO.	F017-1(2)	
SHEET	238 OF 420 SHEETS	

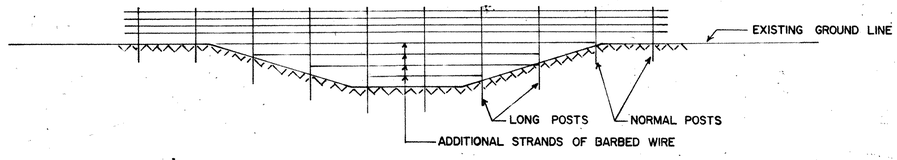
DETAIL OF BARBED WIRE FENCE



TYPICAL OF BARBED WIRE FENCE AT NORMAL SECTION

NOTES:

1. ALL POSTS SHALL BE SEASONED CEDAR, STRAIGHT, SOUND AND NO LESS THAN 4 1/2 INCHES IN DIAMETER AT THE SMALL END.
2. BARBED WIRE SHALL CONFORM TO REQUIREMENTS FOR ZINC-COATED (GALVANIZED) STEEL BARBED WIRE, ASTM A 121, 2 STRAND STANDARD SIZE NO. 12 1/2, COATING CLASS NO. 3.
3. STAPLES SHALL BE AT LEAST 1 1/4 INCHES LONG OF NO. 9 GALVANIZED WIRE.
4. IN AREAS OF STREAM CROSSINGS LONGER POSTS AND ADDITIONAL STRANDS OF WIRE SHALL BE USED. THIS SHALL BE DETERMINED FROM FIELD CONDITIONS BY THE RESIDENT ENGINEER AT THE TIME OF ERECTION.



TYPICAL OF BARBED WIRE FENCE AT STREAM CROSSING

Barbed Wire Fence(4-strand)

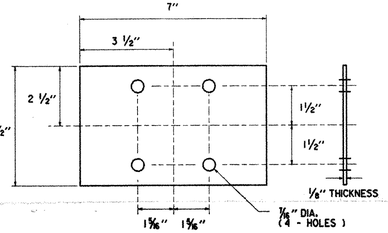
SHOREHAM - BRIDPORT - ADDISON

PROJ. F NO. 017-1(2)
SHEET 240 OF 420 SHEETS

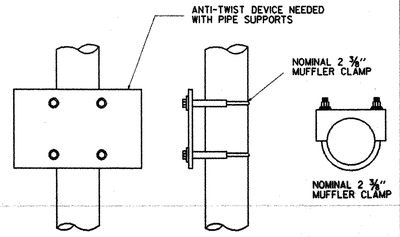
BRUNING 44-131 40592

NOTES

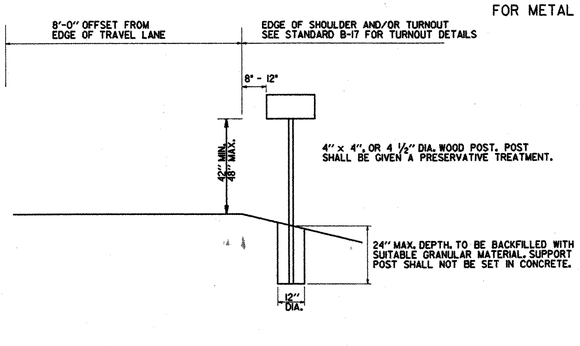
1. ONLY LIGHTWEIGHT MAILBOXES MADE OF LIGHT SHEET METAL OR PLASTIC SHALL BE USED. MAILBOXES SHALL MEET REQUIREMENTS AND APPROVAL OF THE U.S. POSTAL SERVICE.
2. AN ALTERNATE MAILBOX SUPPORT STRUCTURE DESIGN AND CONSTRUCTION MAY BE USED AS LONG AS PROVEN CRASHWORTHY AND MEETS GUIDELINES AS SET OUT IN AASHTO'S "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 AGENCY OF TRANSPORTATION 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.

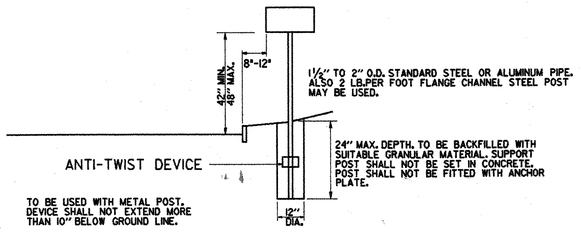


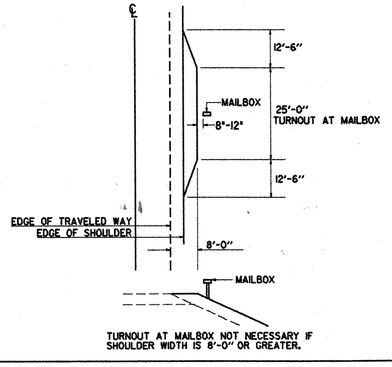
ANTI-TWIST DEVICE DETAIL FOR METAL PIPE

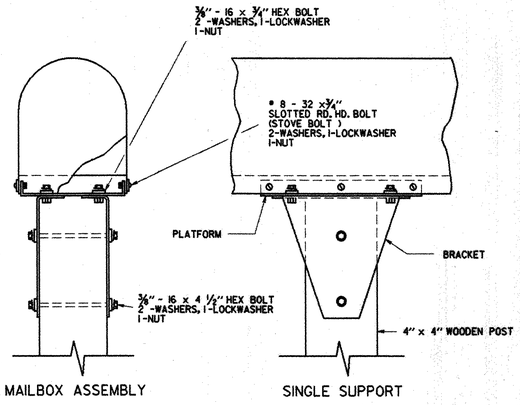


ANTI-TWIST DEVICE ASSEMBLY FOR METAL PIPES
(USED FOR SINGLE AND MULTIPLE INSTALLATIONS)



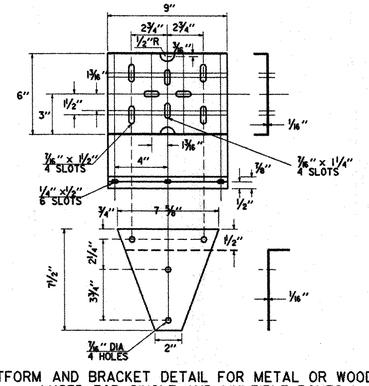






MAILBOX ASSEMBLY

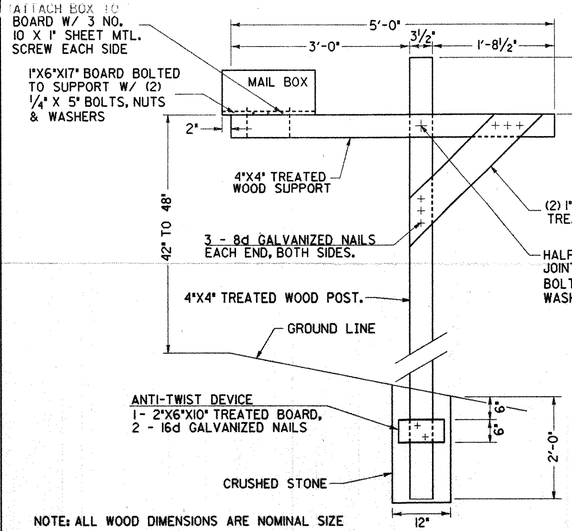
SINGLE SUPPORT



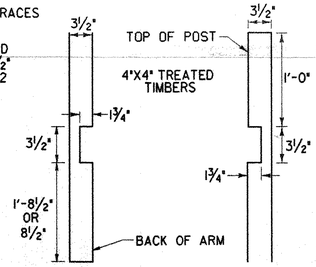
PLATFORM AND BRACKET DETAIL FOR METAL OR WOOD POSTS
(USED FOR SINGLE AND MULTIPLE BOXES)

SINGLE MAILBOX SUPPORT

ATTACH BOX TO BOARD W/ 3 NO. 10 X 1" SHEET MTL. SCREW EACH SIDE



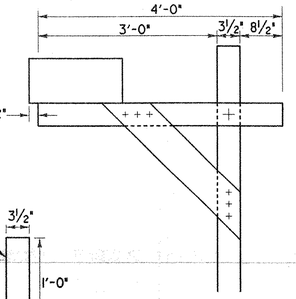
NOTE: ALL WOOD DIMENSIONS ARE NOMINAL SIZE



TOP VIEW OF SUPPORT

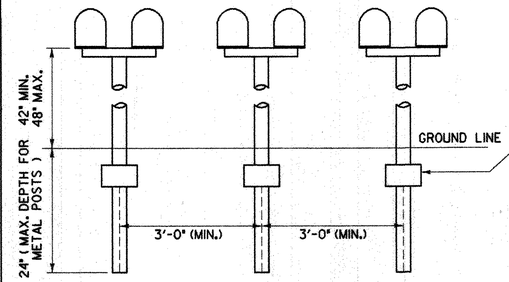
SIDE VIEW OF POST

DIMENSIONS ARE ACTUAL SIZE



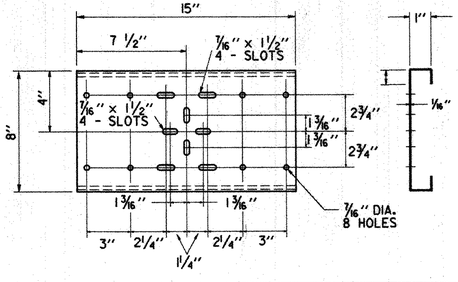
OPTIONAL BRACE DESIGN

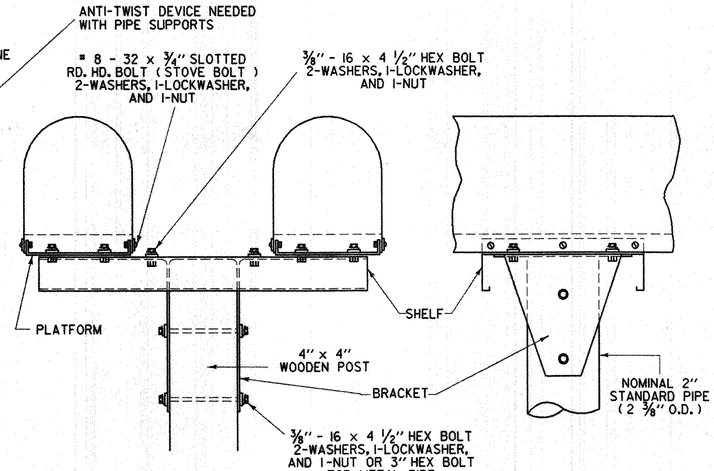
CANTILEVER TYPE MAILBOX SINGLE SUPPORT



SPACING FOR MULTIPLE POST INSTALLATION

SHELF FOR TWO BOXES



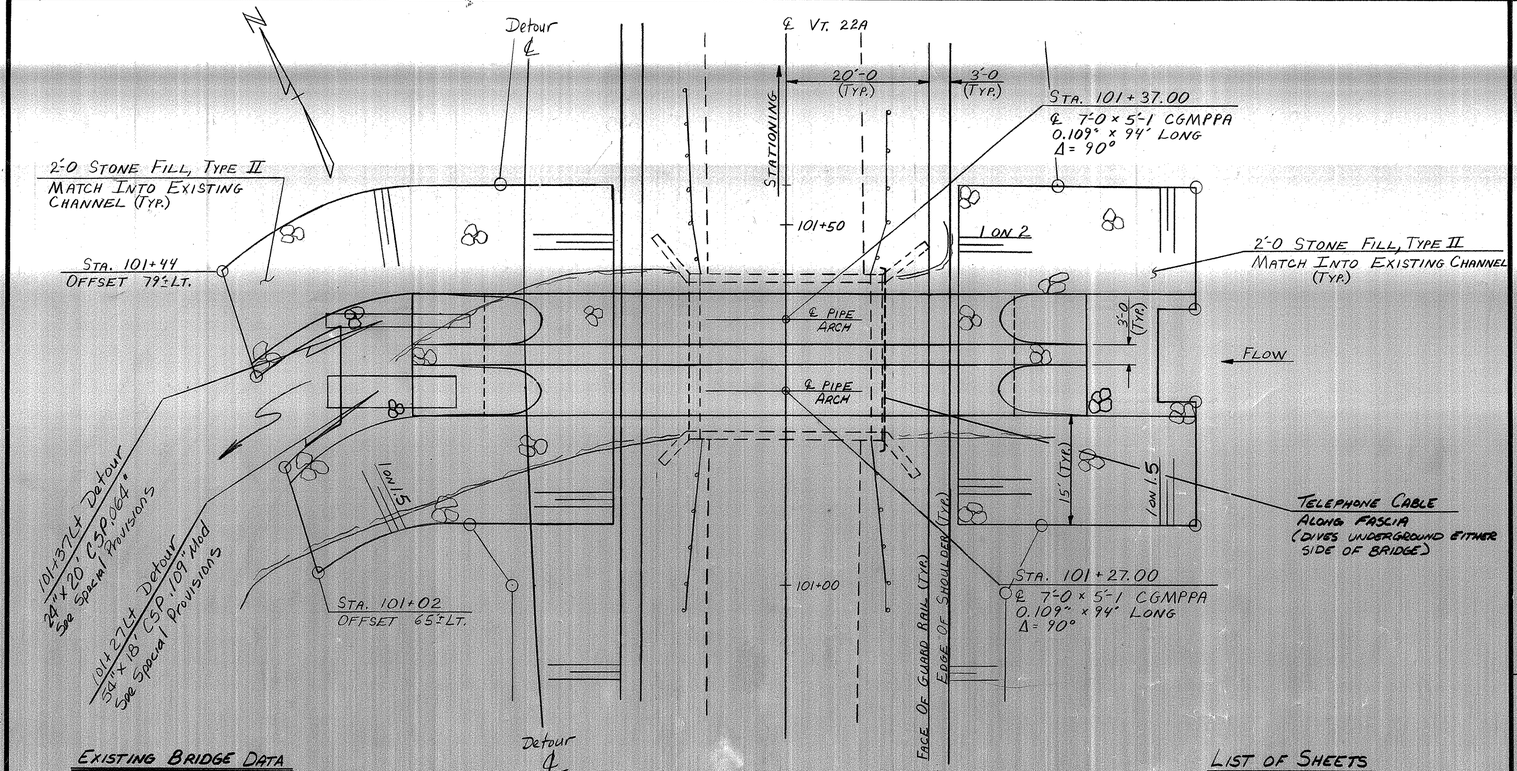


MULTIPLE MAILBOX SUPPORT

MAILBOX SUPPORT DETAILS

DATUM
VERTICAL _____
HORIZONTAL _____

SURVEYED BY _____ DATE _____
DRAWN BY _____ DATE _____
SQUAD LEADER J. PERKINS
DESIGN FILE NO. [50,63]MAILBOX.DGN
PRF FILE MBJ3.PRF DATE PLOTTED 12-5-89
PROJ. NAME SHOREHAM-BRIDPORT-ADDISON
PROJ. NO. F 017-1(2)
SHEET 241 OF 420 SHEETS



PLAN
SCALE 1"=10'

EXISTING BRIDGE DATA

CONCRETE SLAB cc 1939
20'x6' WATERWAY = 120 SF
24' ROADWAY
O.A. 23' H-15

LIST OF SHEETS

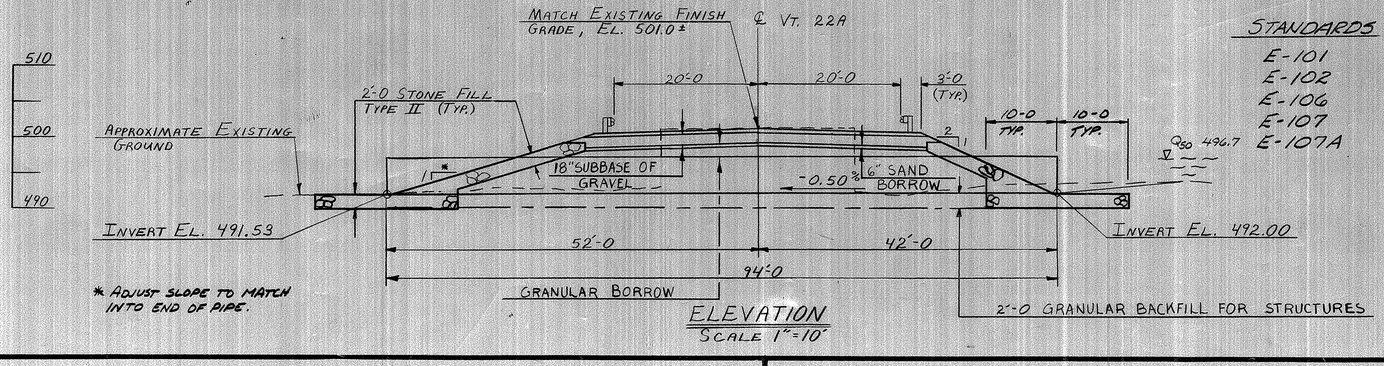
BR100 CGMPPA DETAILS

ROADWAY REFERENCE SHEETS

PLAN & PROFILE STA 100+00-105+00
X-SECTIONS STA 100+00-101+20
STA. 101+31-102+00

STANDARDS

E-101
E-102
E-106
E-107
E-107A



* ADJUST SLOPE TO MATCH INTO END OF PIPE.

ELEVATION
SCALE 1"=10'

HYDRAULIC DATA

DRAINAGE AREA = 6.1 SQ. MI.

Q_{10} = 150 C.F.S.	DESIGN FLOW Q	Q_{10} HEADWATER ELEVATION =	495.6
Q_{25} = 200 C.F.S.		Q_{25} HEADWATER ELEVATION =	496.0
Q_{50} = 275 C.F.S.		Q_{50} HEADWATER ELEVATION =	496.7
Q_{100} = 350 C.F.S.		Q_{100} HEADWATER ELEVATION =	497.4

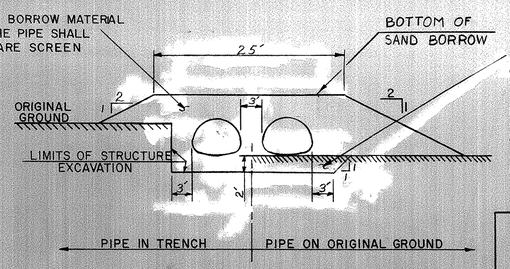
TAILWATER DEPTH AT Q 50 = 3.1 FEET, ELEVATION 494.6
OUTLET VELOCITY AT Q 50 = 7.1 FEET PER SECOND
ORDINARY HIGHWATER DEPTH _____ FEET
COMMENTS: _____

DETAILS OF STRUCTURAL PLATE PIPE CULVERTS

	STEEL	ALUMINUM
CORRUGATIONS	(6x2)	9 x 2½
SIZE OF PIPE OR PIPE ARCH	7'-0 x 5'-1	6'-11" x 5'-9"
WATERWAY AREA (S.F.)	2@ 28.0" = 56.0"	2@ 31.9 = 64"
PLATE THICKNESS (COATED)	0.109"	0.100
BOLT SIZE	¾"	¾"
WEIGHT PER LINEAR FOOT	134 LBS.	37.2
TOTAL WEIGHT	12,596 LBS. / PIPE 25,192 LBS. TOTAL	3497 LB/PIPE 6994 LB TOTAL

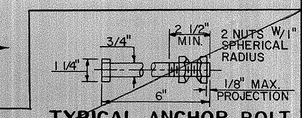
NOTES

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE VERMONT AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1986 AND THE A.A.S.H.T.O. STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES DATED 1989 AND ITS LATEST REVISIONS. DESIGN IS FOR HS-20 LIVE LOADING.
2. UNLESS OTHERWISE INDICATED FOUR (4) BOLTS PER LINEAR FOOT FOR STEEL PLATES AND FIVE AND ONE THIRD (5 1/3) BOLTS FOR ALUMINUM PLATES ARE REQUIRED ALONG THE LONGITUDINAL SEAMS. ALL CONNECTIONS FOR STRUCTURAL PLATE SECTIONS SHALL BE MADE WITH GALVANIZED ASTM A-325 BOLTS (AASHTO M164).
3. WHEN NORMAL CONSTRUCTION OR REGULAR ROADWAY TRAFFIC IS MAINTAINED OVER THE PIPE THE CONTRACTOR SHALL MAINTAIN A MINIMUM COVER OF 3 FEET OF COMPACTED MATERIAL.
4. ALUMINUM PIPE THAT IS TO BE IN CONTACT WITH CONCRETE SHALL HAVE CONTACT SURFACES THOROUGHLY COATED WITH ZINC CHROMATE, OR BITUMINOUS, OR ASPHALTIC PAINT.
5. PIPES SHALL BE FACTORY ELONGATED 5% (PIPE ARCHES SHALL NOT BE ELONGATED).
6. THE ENDS OF THE PIPE SHALL BE CUT SQUARE (NOT BEVELED TO MATCH SLOPES).
7. THE REMOVAL OF THE EXISTING CONCRETE SLAB, CURB AND CONCRETE GUARDRAIL POST SHALL BE PAID FOR UNDER THE ITEM, REMOVAL OF STRUCTURE.
8. THE DOWNSTREAM PORTIONS OF THE PLATE PIPE ARCHES SHALL BE INSTALLED TO ACCOMODATE TWO-WAY TRAFFIC BEFORE THE EXISTING STRUCTURE IS REMOVED. THE CONTRACTOR SHALL HAVE THE REMAINING LENGTHS OF PIPE ARCHES IN PLACE AND READY FOR TRAFFIC ONE WEEK FROM THE TIME OF CLOSING OF THE EXISTING BRIDGE.



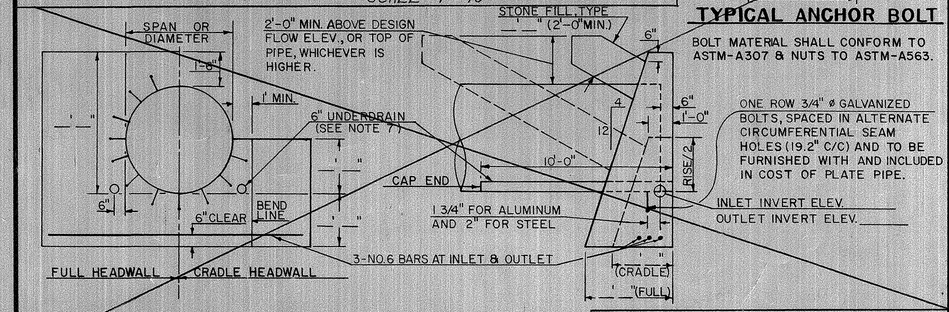
TYPICAL BACKFILL SECTION

SCALE 1"=10'



TYPICAL ANCHOR BOLT

BOLT MATERIAL SHALL CONFORM TO ASTM-A307 & NUTS TO ASTM-A563.

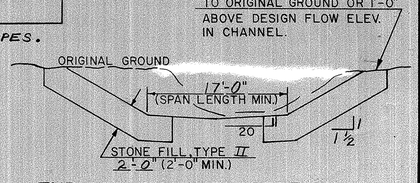


HEADWALL DETAILS**

** NO HEADWALLS SHALL BE USED WITH THESE PIPES.

REINFORCING STEEL SCHEDULE

NO. PIECES	SIZE	LENGTH	MARK	TYPE		



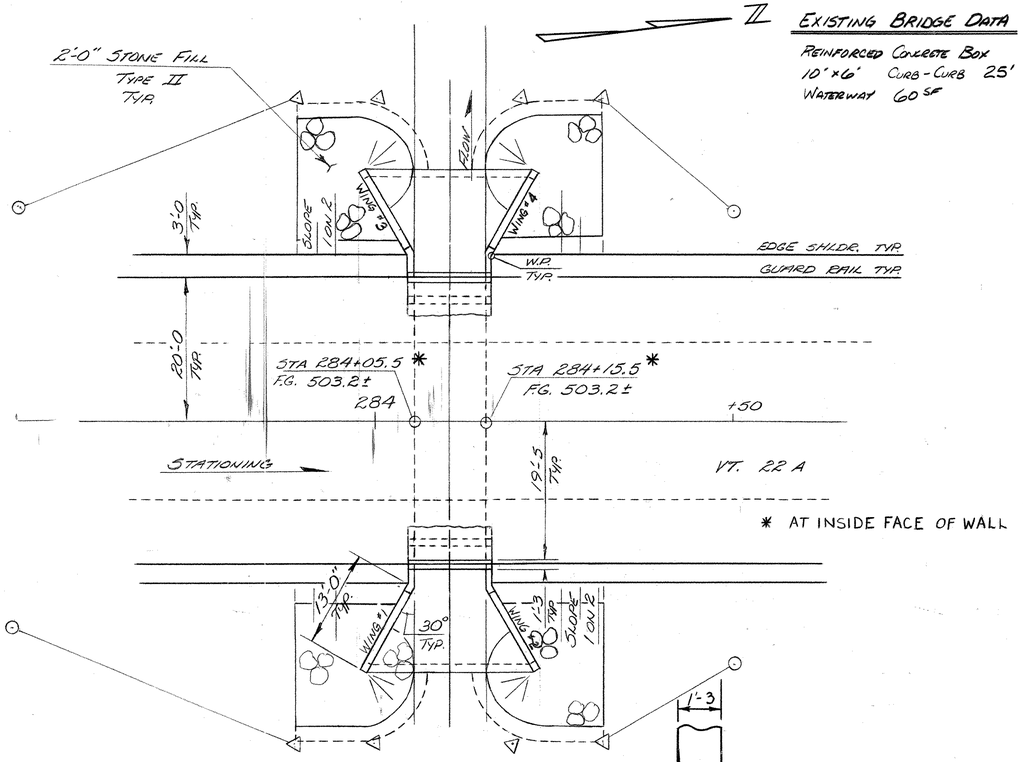
TYPICAL CHANNEL SECTION

ESTIMATED QUANTITIES

NO.	ITEM	UNIT	TOTAL	FINAL
203.27	UNCLASSIFIED CHANNEL EXCAV.	C.Y.	180	
203.32	GRANULAR BORROW	C.Y.	490	
204.25	STRUCTURE EXCAVATION	C.Y.	300	
204.30	GRANULAR BACKFILL FOR STRUCT.	C.Y.	130	
527.10	MAINTENANCE OF TRAFFIC FOR BRIDGE PROJECTS	L.S.	1	
529.15	REMOVAL OF STRUCTURE	EACH	1	
613.11	STONE FILL, TYPE II	C.Y.	300	
621.90	TEMPORARY TRAFFIC BARRIER	L.F.	700	
651.40	GRUBBING MATERIAL	S.Y.	365	
	OPTIONAL BID ITEMS			
511.16	CORR. GAL. METAL PLATE PIPE ARCH (7'-0 x 5'-1 x 94' 12.596 LBS EA	EACH	2	
511.30	CORR. ALUMINUM ALLOY PLATE PIPE ARCH (6'-11 x 5'-9 x 94) 3497 LBS	EACH	2	

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TOWN OF SHOREHAM	Bridge No. 17
HIGHWAY NO. VT. RTE. 22A	Log Sta. 291+01
	Surv. Sta. 101+32
VT. RTE. 22A OVER BROOK	
TWO 7'-0 x 5'-1 CGMPPA's DETAILS	
Designed by D. C. WILLEY	Drawn by D.C. WILLEY
Checked by M. GARCIA date 1/86	Bridge Design Supervisor R.S. HAUPT date 11-85
PROJECT SHOREHAM-BRIDPORT-ADDISON	PROJECT NO. F 017-1(2)
Bridge Sheet No. BR100	Sheet 242 of 420



* AT INSIDE FACE OF WALL

PLAN

SCALE : 1"=10'

EXISTING BRIDGE DATA

REINFORCED CONCRETE BOX
10'×6' CURB-CURB 25'
WATERWAY 60 SF

LIST OF SHEETS

BR 200 R.C. BOX EXTENSION DETAILS
BR 201-202 R.C. BOX EXTENSION DETAILS
BR 203 REINFORCING STEEL SCHEDULE & QUANTITY SHEET
BR 204 RAIL CONNECTION DETAILS

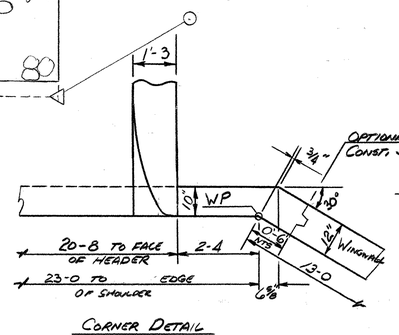
ROADWAY REFERENCE SHEETS

PLAN & PROFILE STA 281+00 ~ 287+00
X-SECTION STA 283+00 ~ 284+01
STA 284+05.5 - 284+50

TEMPORARY DETOUR DETAILS (SH # 248)

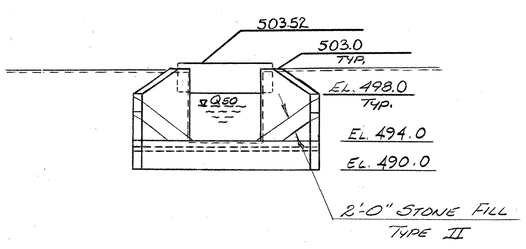
STANDARDS

SB-R6-82 12-13-84 R



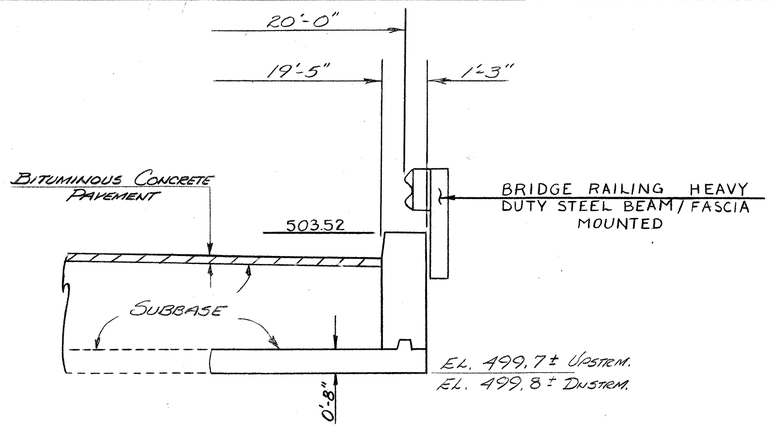
CORNER DETAIL

SCALE: 1/2" = 1-0



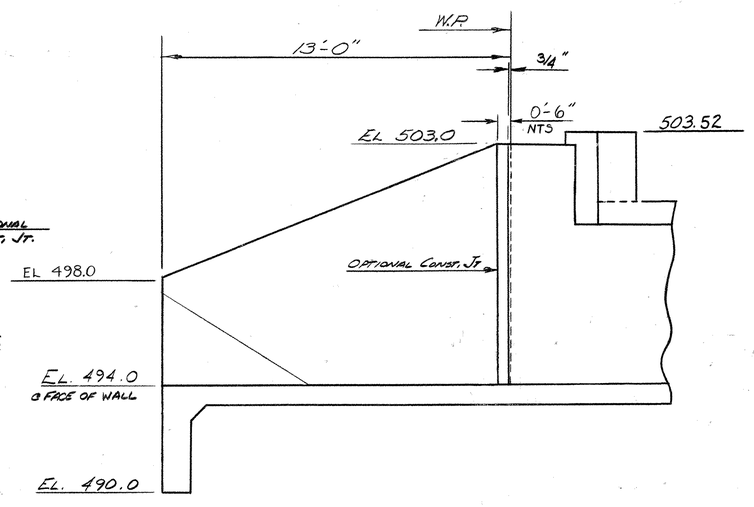
ELEVATION
@ UPSTREAM FASCIA

SCALE : 1"=10'



TYPICAL SLAB PARTIAL SECTION

SCALE: 1/2" = 1'-0"



TYPICAL WINGWALL ELEVATION

SCALE : 3/8" = 1'-0"

GENERAL NOTES

1. LIMITS FOR THE PARTIAL REMOVAL OF STRUCTURE ITEM ARE AS FOLLOWS:

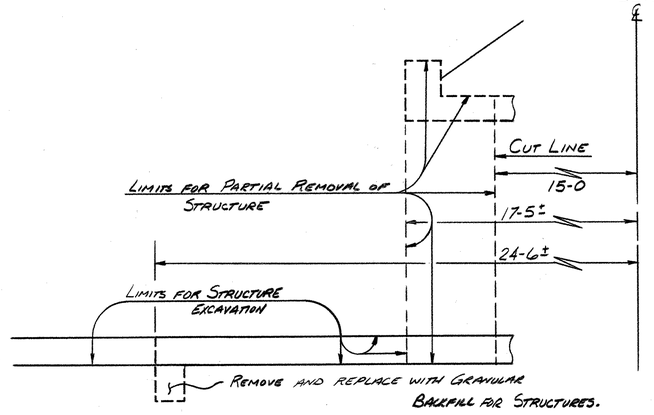
   HORIZONTAL - BEGINNING 15 FEET FROM EITHER SIDE OF THE ROADWAY CENTERLINE TO THE OUTER LIMITS OF THE BOX.

   VERTICAL - FROM THE BOTTOM OF THE FLOOR SLAB OR CUTOFF WALLS TO AND INCLUDING THE TOP SLAB AND HEADWALL.

   THE CUTLINES AROUND THE BOX SHALL FIRST BE SCORED ON THE INSIDE FACE WITH A ONE INCH DEEP SAW CUT SO AS TO CREATE A SMOOTH JOINT. CARE SHALL BE TAKEN SO AS NOT TO DAMAGE THE EXISTING LONGITUDINAL REINFORCEMENT THAT WILL EXTEND FROM THE POINT OF CUTOFF.

2. NEW LONGITUDINAL REINFORCEMENT SHALL BE SPLICED TO EXISTING STEEL. IF, AT THE ENGINEER'S DISCRETION, THE EXISTING STEEL IS NOT SALVAGABLE FOR A LENGTH OF AT LEAST 24 INCHES THEN DOWEL BARS SHALL BE ADDED AS DIRECTED BY THE ENGINEER. DOWEL BARS SHALL BE GROUTED WITH TYPE IV MORTAR INTO THE EXISTING CONCRETE TO A DEPTH OF AT LEAST 15 INCHES. ALL LABOR AND MATERIALS INVOLVED WITH DRILLING AND GROUTING OF THE DOWELS SHALL BE PAID FOR SUBSIDIARY TO ITEM 529.20.
3. TWO WAY TRAFFIC (24 FEET RAIL TO RAIL) SHALL BE MAINTAINED OVER THE BOX CULVERT. TEMPORARY TRAFFIC BARRIER SHALL BE USED WHEREVER THE EXISTING GUARD RAIL IS DISTURBED DURING THE CONSTRUCTION PERIOD AND UNTIL THE NEW BRIDGE AND ROADWAY RAIL IS COMPLETELY INSTALLED. TEMPORARY TRAFFIC BARRIER SHALL MEET THE REQUIREMENTS OF SECTION 621.
4. WHERE NEW CONCRETE IS POURED AGAINST EXISTING CONCRETE, NEAT CEMENT GROUT SHALL BE USED AS SPECIFIED IN SUBSECTION 501.13(b).

FOR ADDITIONAL GENERAL NOTES SEE BR.202



TYPICAL EXCAVATION DETAIL

SCALE: 1/2" = 1-0

HYDRAULIC DATA

DRAINAGE AREA = 1.82 SQ.MI.

Q_{10} = 110 CFS	HEADWATER EL.=	496.8
Q_{25} = 145 CFS	" " =	497.3
Q_{50} = 185 CFS	" " =	497.9
Q_{100} = 250 CFS	" " =	498.1

TAILWATER DEPTH @ Q_{50} = 3.9', EL. = 497.7

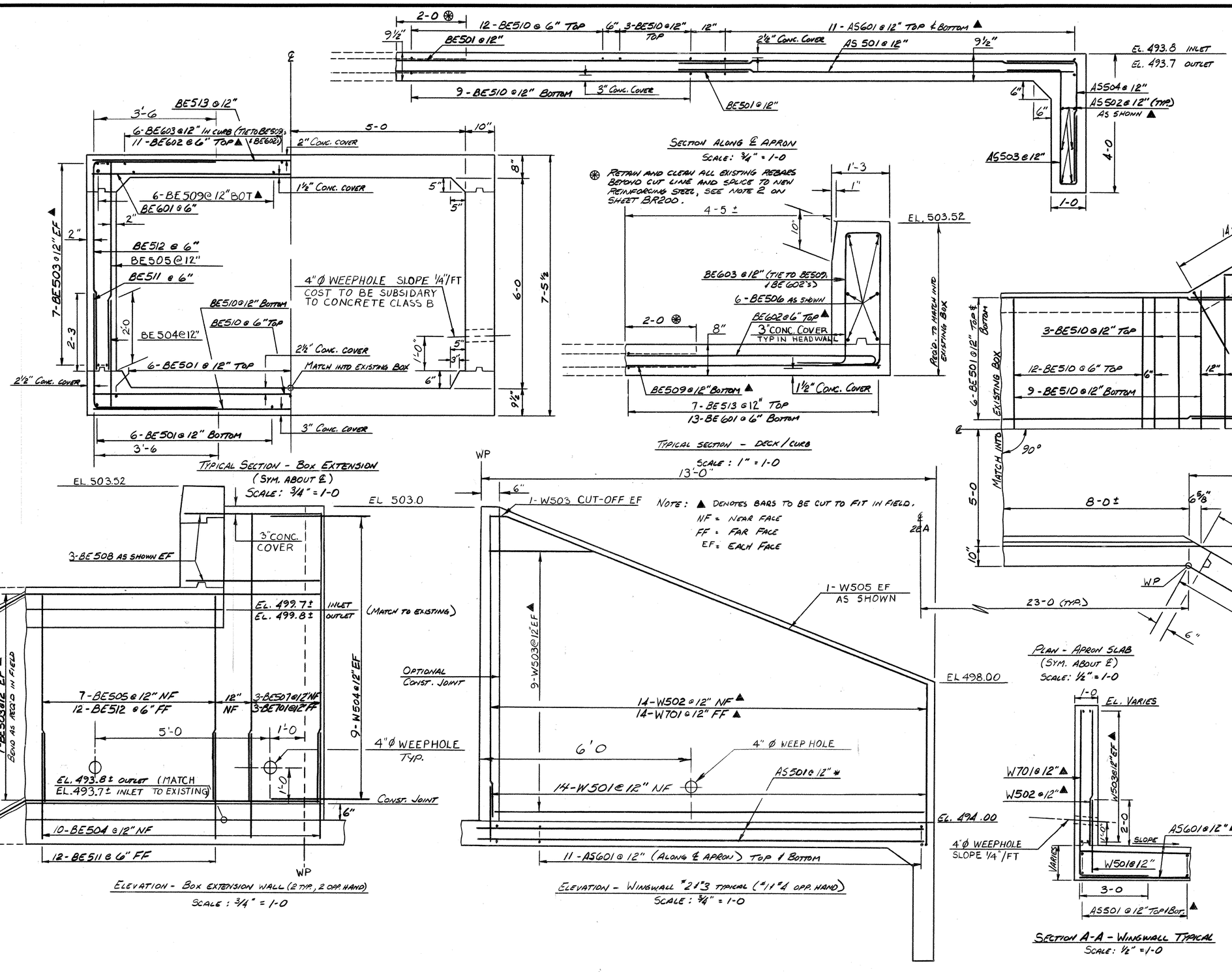
OUTLET VELOCITY @ Q_{50} = 4.7 FPS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of BRIDPORT	Bridge No. 18
Highway No. VT. RTE 22 A	Log Sta. 136+41
	Surv. Sta. 284+10
VT. 22 A OVER BROOK	
R.C. BOX EXTENSION DETAILS	
Designed By M. GARCIA	Drawn By M. GARCIA
Checked By G.V.S. Date 11/85	Bridge Design Supervisor R.S. HAUPT Date 11/85
PROJECT SHOREHAM-BRIDPORT-ADDISON	PROJECT NO. F 017-1(2)
I.G.C. Info.	
Bridge Sheet No. BR 200	Sheet 243 of 420

BRUNING 44-232 64442

BR-6

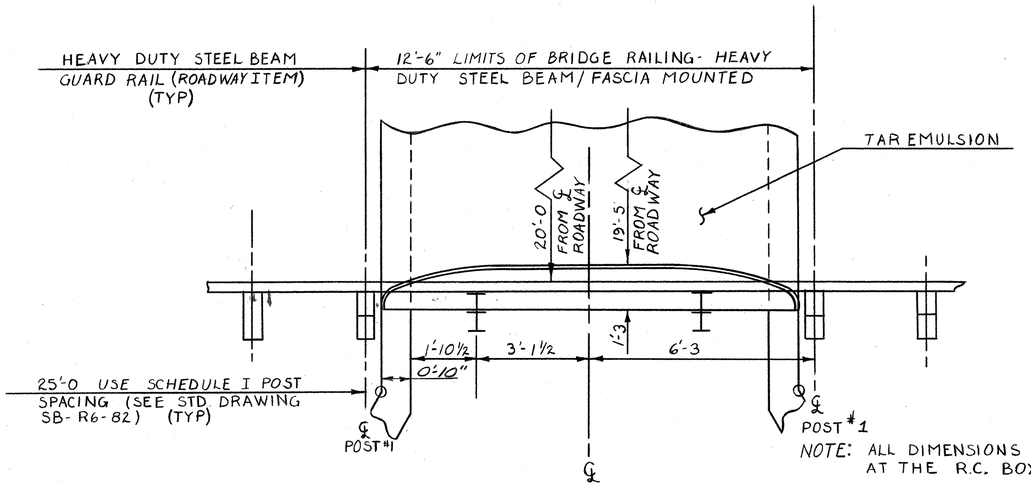


STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of BRIDPORT	Bridge No. 18
	Log Sta. 136+41
Highway No. VT RTE 22A	Surv. Sta. 284+10
VT. 22A OVER BROOK	
R.C. BOX EXTENSION DETAILS	
Designed By M.J. PELOGRETO	Drawn By M.J. PELOGRETO
Checked By M. GARCIA Date 5/86	Bridge Design Supervisor R.S. HAUPT Date 6/86
PROJECT SHOREHAM-BRIDPORT-ADDISON	PROJECT NO. FO17-1(2)
L.G.C. Info.	
Bridge Sheet No. BR 201	Sheet 244 of 420

BRUNING 44-232 64442

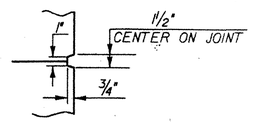
BR-6



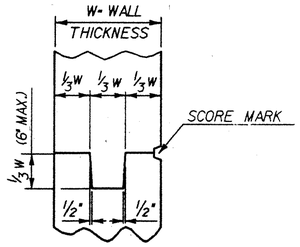
NOTE: ALL DIMENSIONS ARE SIMILAR AT THE R.C. BOX OUTLET

BRIDGE RAILING & CURB DETAILS

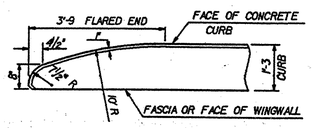
SCALE: 1/2" = 1'-0



SCORE MARK DETAIL



TYPICAL CONCRETE CONSTRUCTION JOINT



FLARED END DETAIL FOR 1'-3" CURB

CURB REINFORCING STIRRUP BARS SHALL BE TURNED OR CUT AS REQUIRED TO FIT FLARED ENDS.

GENERAL NOTES

1. THE FOLLOWING NOTES SHALL APPLY UNLESS OTHERWISE NOTED ON PROJECT PLANS.
2. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO STATE OF VERMONT, AGENCY OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION.
3. DESIGN IS FOR HS-20-44 LOADING.
4. ALL REINFORCING STEEL SHALL BE DETAILED AND FABRICATED USING PROCEDURES AND TOLERANCES IN ACCORDANCE WITH APPLICABLE PUBLICATIONS OF THE "CONCRETE REINFORCING STEEL INSTITUTE".
5. MINIMUM COVER FOR REINFORCING STEEL SHALL BE THREE (3) INCHES. OR AS NOTED DIFFERENTLY ON THE PLANS.
6. REINFORCING PLACEMENT TOLERANCES SHALL BE SPACING +/- 1", CLEARANCE +/- 1/4".
7. ALL CONCRETE SHALL BE "CONCRETE, CLASS B".
8. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1" BY 1".
9. WATER REPELLENT SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES.
10. THE FOLLOWING TABLE OF ALLOWABLE STRESSES AND WEIGHTS APPLY TO THESE PLANS FOR DESIGN PURPOSES.

CONCRETE f'c = 3500 PSI fc-1400 PSI			
		A588	A-36
STRUCTURAL STEEL	Fb =	27,000 PSI	20,000 PSI
	Fv =	17,000 PSI	12,000 PSI
		GRADE 60	
REINFORCED STEEL	fs =	24,000 PSI	
	f'c =	20,000 PSI	
SOIL UNIT WEIGHT		140 PCF	

11. ALL DIMENSIONS ARE HORIZONTAL OR VERTICAL AND ARE GIVEN AT 68 DEGREES F.
12. TRAFFIC SHALL BE ALLOWED ON THE R.C. BOX EXTENSION ONLY AFTER THE SPECIFIED CURE PERIOD HAS FXPIRED.
13. JOINTS AND SCORE MARKS IN CONCRETE SHALL BE CONSTRUCTED AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
14. THE KEY IN CONCRETE CONSTRUCTION JOINTS SHALL BE MONOLITHIC AND CONTINUOUS FOR THE FULL LENGTH OF THE JOINT.

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of BRIDPORT	Bridge No. 18
Highway No. VT RTE 22A	Log Sta. 136+41
	Surv. Sta. 284+10
VT RTE 22A OVER BROOK	
R.C. BOX EXTENSION DETAILS	
Designed By M. GARCIA	Drawn By T.A. SUMNER
Checked By M. GARCIA Date 6-89	Bridge Design Supervisor F.W. Bolkum Date 7/89
PROJECT SHOREHAM-BRIDPORT-ADDISON	PROJECT NO. F017-1(2)
I.G.C. Info.	
Bridge Sheet No. BR 202	Sheet 245 of 420

BRUNING 44-232 64442

BR-6

ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
						BOX EXTENSIONS											
1																	*
2	48	5	10-0	BE501	STR												
3				BE502		NOT USED											
▲ 4	56	5	10-0	BE503	STR												
5	40	5	3-0	BE504	STR												
6	28	5	6-0	BE505	STR												▲
7	12	5	11-2	BE506	STR												▲
8	12	5	8-3	BE507	STR												
9	24	5	3-10	BE508	STR												*
▲ 10	24	5	7-0	BE509	STR												
11	48	5	11-4	BE510	STR												
12	48	5	6-9	BE511	17		3-6	3-3	/								
13	48	5	9-6	BE512	17		3-6	6-0	/								
14	14	5	11-4	BE513	STR												
15																	
16																	
17	26	6	11-4	BE601	STR												
▲* 18	45	6	7-8	BE602	1	0-8	7-0					/					
19	24	6	9-3	BE603	SS	1-0	3-3	0-9	3-3			1-0					▲
20																	

ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
21	13	7	12-7	BE701	17		9-7	3-0	/								▲
22																	
23																	
24						APRON SLABS											
25																	
26	72	5	11-6	AS501	STR												
27	12	5	23-0	AS502	STR												
28	48	5	7-9	AS503	S4	2-0	3-3	0-6	2-0			/					
29	49	5	5-6	AS504	17		2-0	3-6	/								
30																	
31																	
32																	
33	44	6	23-0	AS601	STR												
34																	
35						WINGWALL #1											
36																	
37	14	5	2-10	1W501	STR												
38	14	5	9-0	1W502	STR												▲
39	18	5	12-9	1W503	STR												▲
40	18	5	4-0	1W504	19		2-0	2-0	/				1-0		1-9		

ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
41	14	7	12-7	1W701	17		3-0	9-7	/								▲
42	2	5	13-2	1W505	STR												
43																	
44						WINGWALL #2											
45																	
46	IDENTICAL TO WINGWALL #1 EXCEPT WITH PREFIX "2W".																
47																	
48																	
49						WINGWALL #3											
50																	
51	IDENTICAL TO WINGWALL #1 EXCEPT WITH PREFIX "3W".																
52																	
53																	
54						WINGWALL #4											
55																	
56	IDENTICAL TO WINGWALL #1 EXCEPT WITH PREFIX "4W".																
57																	
58																	
59																	
60																	

ASTM STANDARD REINFORCING BARS

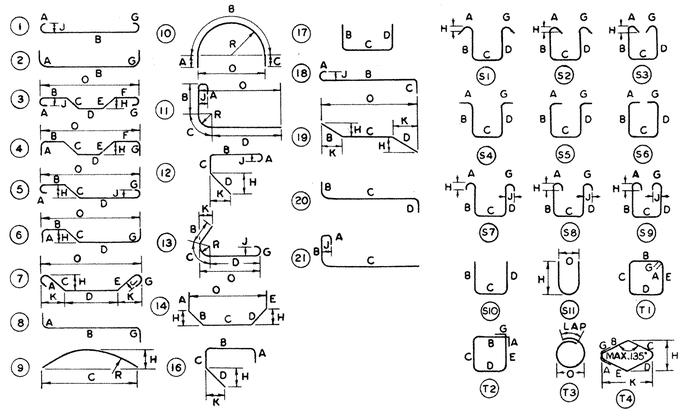
BAR SIZE DESIGNATION	WEIGHT POUNDS PER FOOT	NOMINAL DIMENSIONS ROUND SECTION		
		DIAMETER INCHES	CROSS SECTIONAL AREA SQ. INCHES	PERIMETER INCHES
#3	.376	.375	.11	1.178
#4	.668	.500	.20	1.571
#5	1.043	.625	.31	1.963
#6	1.502	.750	.44	2.356
#7	2.044	.875	.60	2.749
#8	2.670	1.000	.79	3.142
#9	3.400	1.128	1.00	3.544
#10	4.303	1.270	1.27	3.990
#11	5.313	1.410	1.56	4.430
#14	7.65	1.693	2.25	5.32
#18	13.60	2.257	4.00	7.09

BRIDGE QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION
STRUCTURES DIVISION

NO.	ITEM	UNIT	QUANTITY BREAKDOWN								TOTAL	FINAL
				Box Extension		Channel						
203.27	UNCLASSIFIED CHANNEL EXCAVATION	CY				60					60	
204.25	STRUCTURE EXCAVATION	CY		70							70	
204.30	GRANULAR BACKFILL FOR STRUCTURES	CY		40							40	
404.45	TAR EMULSION	GAL		3							3	
501.23	CONCRETE, CLASS B	CY		51							51	
505.36	TEMPORARY STEEL SHEET PILING	SF		1000							1000	
507.15	REINFORCING STEEL	LB		11230							11230	
514.10	WATER REPELLENT	GAL		12							12	
525.41	BRIDGE RAILING-HEAVY DUTY STEEL BEAM/FASCIA MOUNTED	LF		25							25	
527.20	PARTIAL REMOVAL OF STRUCTURE	EA		1							1	
613.11	STONE FILL, TYPE II	CY				90					90	
621.90	TEMPORARY TRAFFIC BARRIER	LF		800							800	
651.40	GRUBBING MATERIAL	SY		120							120	

TYPICAL BAR BENDS



NOTES

1. UNLESS OTHERWISE DESIGNATED, ALL BAR REINFORCEMENT FOR CONCRETE IN SIZES UP TO AND INCLUDING NO. 18 SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATIONS FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT," AASHTO M 31 (ASTM A 615-S1) GRADE 60.
2. FOR TYPICAL BENDING DETAILS, RECOMMENDED PIN DIAMETER "D" OF BENDS AND HOOKS AND OTHER STANDARD PRACTICE SEE CURRENT CONCRETE REINFORCING STEEL INSTITUTE "MANUAL OF STANDARD PRACTICE."
3. BARS WHICH REQUIRE MORE ACCURATE BENDING THAN STANDARD PRACTICES SHOULD HAVE LIMITS INDICATED.
4. ALL DIMENSIONS ARE OUT TO OUT OF BAR EXCEPT "A" AND "G" ON STANDARD 180° AND 135° HOOKS.
5. "J" DIMENSION ON 180° HOOKS TO BE SHOWN ONLY WHERE NECESSARY TO RESTRICT HOOK SIZE, OTHERWISE STANDARD HOOKS ARE TO BE USED.
6. "H" DIMENSION ON STIRRUPS TO BE SHOWN ONLY WHEN NECESSARY TO MAINTAIN CLEARANCES.
7. WHERE SLOPE DIFFERS FROM 45° DIMENSIONS "H" AND "K" MUST BE SHOWN.

* DENOTES ONE EXTRA BAR ADDED FOR TESTING PURPOSES.
▲ DENOTES BAR TO BE CUT IN FIELD

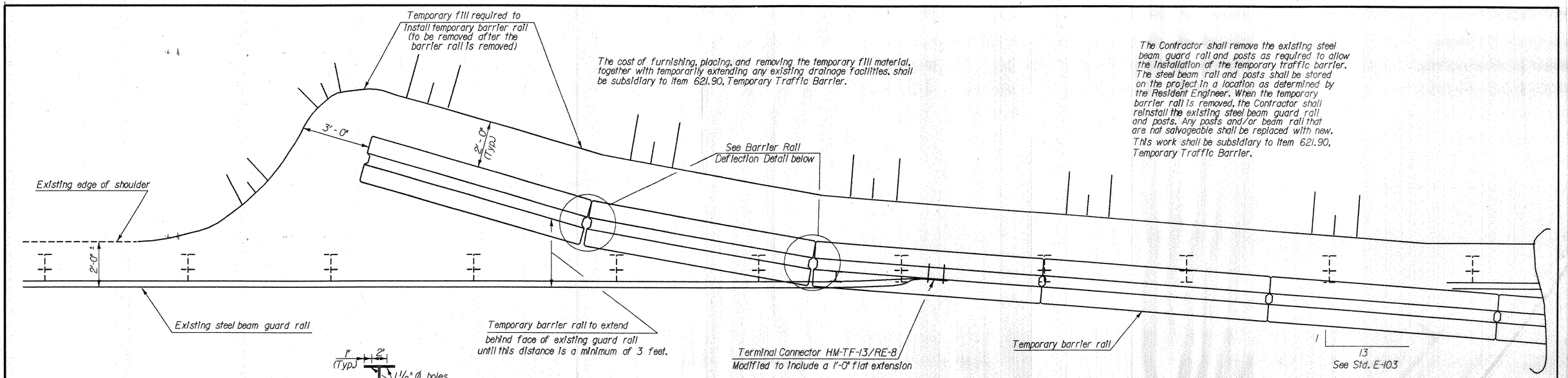
REV. NO.	MADE BY	DATE	DESCRIPTION

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TOWN OF BRIDPORT	BRIDGE NO. 18
HIGHWAY NO. VT. RTE. 22A	LOG STA. 136+41
	SURV. STA. 284+10
BRIDGE QUANTITY SHEET 8	
REINFORCING STEEL SCHEDULE	
DESIGNED BY M.J. POLOGRUTO	DRAWN BY M.J. POLOGRUTO
CHECKED BY M. GARCIA DATE 6/86	BRIDGE DESIGN SUPERVISOR R.S. HAUPT DATE 6/86
PROJECT SHOREHAM-BRIDPORT-ADDISON	PROJECT NO. F 017-1(2)
BRIDGE SHEET NO. BR203	SHEET 246 OF 420

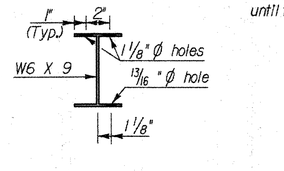
BR 60

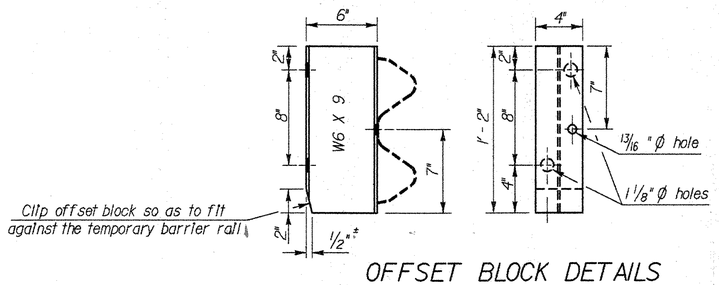
SHEET 246 OF 477



PLAN VIEW SHOWING POSITIVE CONNECTION BETWEEN TEMPORARY BARRIER RAIL AND EXISTING GUARD RAIL

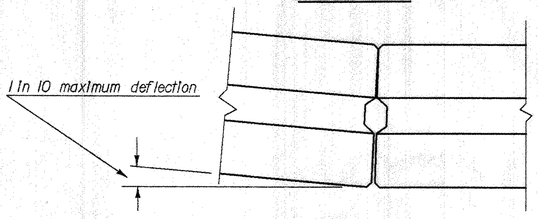
1/2" = 1'-0"





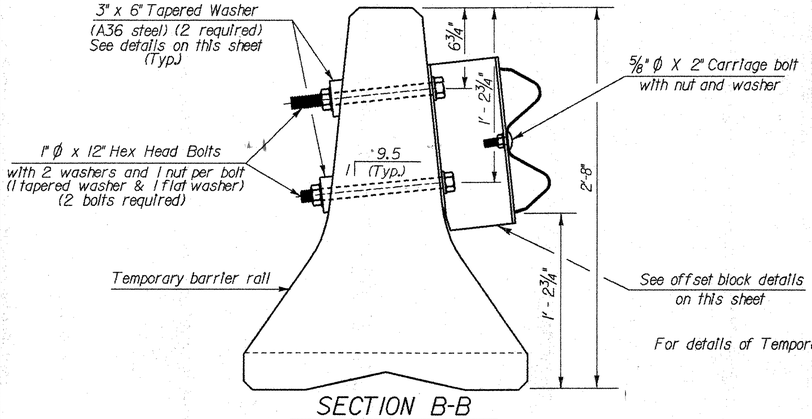
OFFSET BLOCK DETAILS

1" = 6"



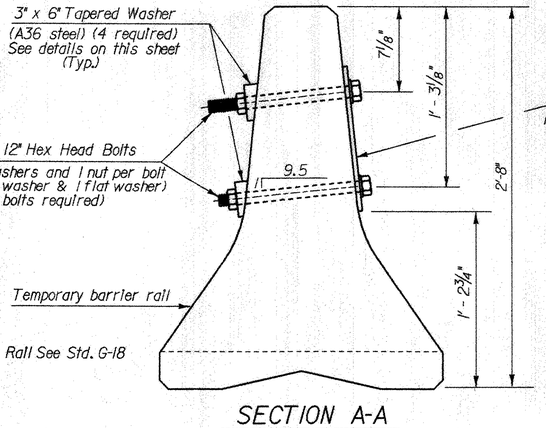
BARRIER RAIL DEFLECTION DETAIL

NTS



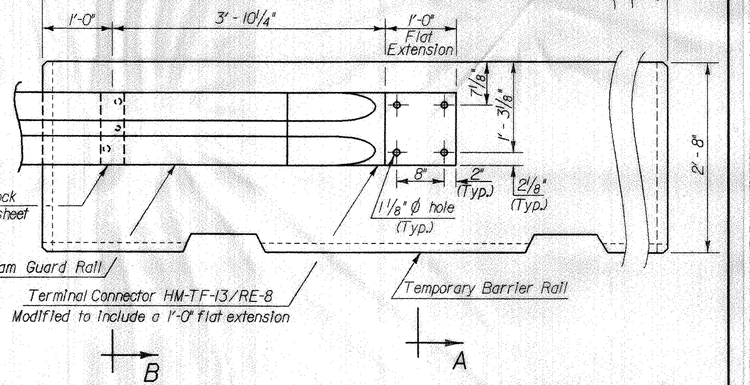
SECTION B-B

1" = 6"



SECTION A-B

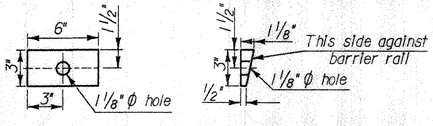
For details of Temporary Barrier Rail See Std. G-18



ELEVATION VIEW SHOWING POSITIVE CONNECTION BETWEEN TEMPORARY BARRIER RAIL AND EXISTING GUARD RAIL

1" = 1'-0"

Terminal Connector HM-TF-13/RE-8 Modified to Include a 1'-0" flat extension



TAPERED WASHER DETAILS

1" = 6"

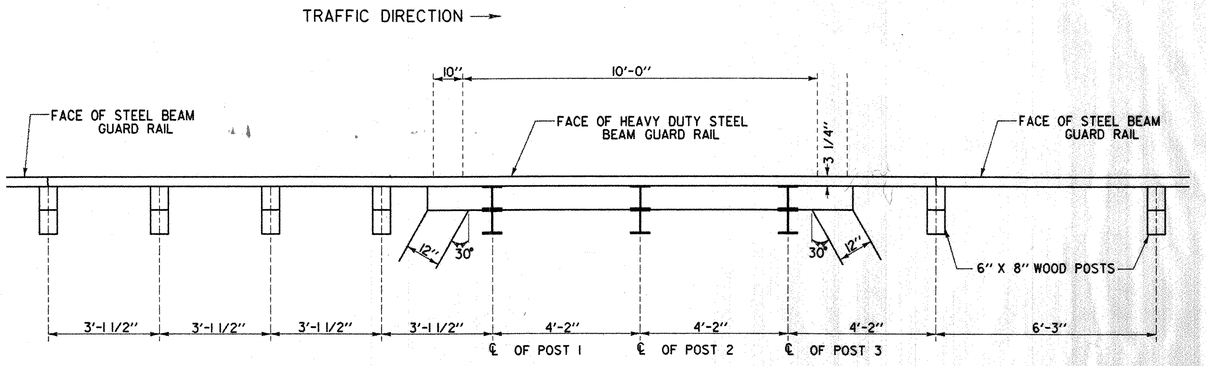
STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of BRIDPORT	Bridge No. 18
Highway No. VT RTE 22A	Log Sta. 136+41 / Surv. Sta. 28A+10

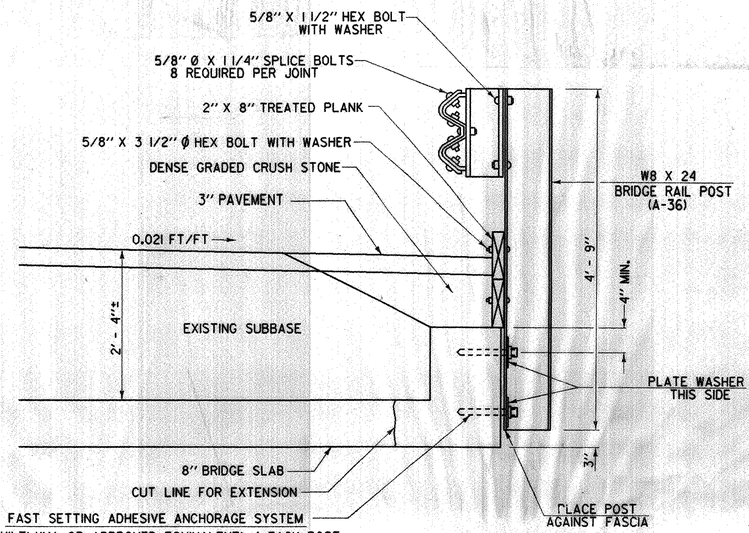
POSITIVE CONNECTION DETAILS BETWEEN BARRIER RAIL AND EXISTING GUARD RAIL

Designed By G. S. Rogers	Drawn By D. W. Newton
Checked By G. S. Rogers Date June '89	Bridge Design Supervisor D. E. Lathrop Date June '89
PROJECT SHOREHAM - BRIDPORT - ADDISON	PROJECT NO. F017-1(2)
I.G.C. Info. ZFAI:130,32]WESTMNSTR.DGN PRF: POSTVCONN	
Bridge Sheet No. BR 204	Sheet 247 of 420

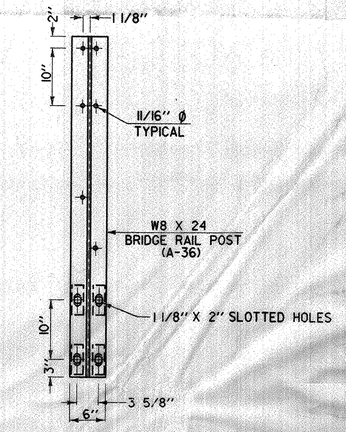
TEMPORARY DETOUR DETAILS



POST SPACING
SCALE: 1/2" = 1'-0"

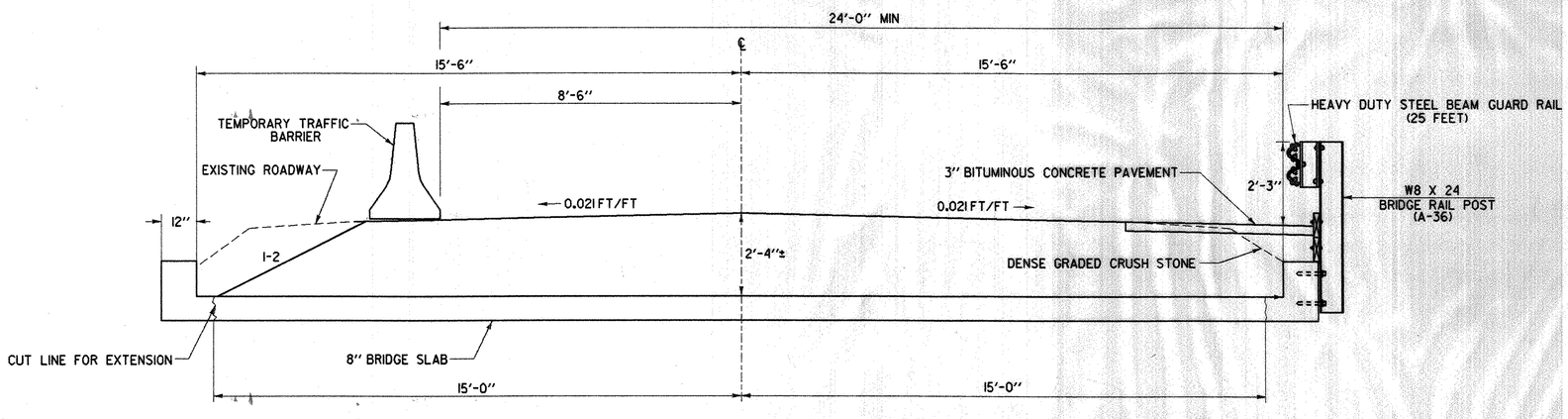


(HILTI HVA OR APPROVED EQUIVALENT) 4 EACH POST BOLT FURNISHED WITH ONE NUT AND WASHER. THE ANCHOR BOLT SHOULD BE AT LEAST 10 INCHES WITH A 7 INCH IMBEDMENT, 1" Ø. (EACH BOLT IN THE ANCHORAGE SYSTEM SHALL HAVE A MINIMUM PULLOUT STRENGTH OF 35 KIPS IN TENSION.)



FASCIA MOUNTED STEEL POST
SCALE: 1" = 1'-0"

FASCIA MOUNTED STEEL POST
SCALE: 1" = 1'-0"



TEMPORARY BRIDGE DETOUR TYPICAL
SCALE: 1/2" = 1'-0"

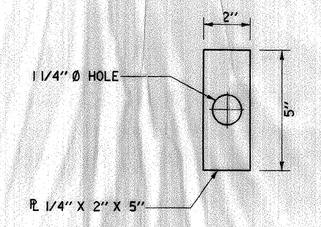


PLATE WASHER DETAIL
NOT TO SCALE

SURVEYED BY		DATE
DRAWN BY	PERKINS	DATE
SQUAD LEADER	PERKINS	
DESIGN FILE NO.	ZG0:[50,70]83B030TY.DGN;1	
PRF FILE	83B030BR	DATE PLOTTED 14-NOV-1989
PROJ. NAME	SHOREHAM-ADDISON-BRIDPORT	
PROJ. NO.	F017-1(2)	
SHEET	248 OF 420 SHEETS	