

INDEX OF SHEETS

1. TITLE PAGE
2. QUANTITY SHEET
3. EARTHWORK SHEET
4. LAYOUT SHEET
5. LEACHING FIELD AND TRENCH DETAIL
6. D-3 TREATED GUTTERS 7/19/67 R
7. E-1 FEDERAL AID CONSTRUCTION IDENTIFICATION SIGNS 12/14/71
8. E-2 ROAD CONSTRUCTION APPROACH SIGNS 12/14/71
9. E-6 ON-PROJECT CONSTRUCTION SIGNS 12/14/71
10. E-8 TYPICAL MAJOR MAINTENANCE OPERATION APPROACH SIGNS 1/26/72
- 11-14. CROSS-SECTIONS-S.B. REST AREA
- 15-16. CROSS-SECTIONS-N.B. REST AREA

SHARON LSI 89-1(1) RECORD PLANS MATERIALS

BITUMINOUS CONCRETE PAVEMENT—L.M. PIKE & SON, INC.—W. LEBANON, N.H.
SEWAGE DISTRIBUTION BOX—ADAMS MCNICHOL & MELEN, INC.—WHITE R. JCT, VT.
CAST IRON SOIL PIPE—UNITED STATES PIPE & FOUNDRY CO—CHATTANOOGA, TENN.
SEED—AGWAY, INC.—WHITE RIVER JUNCTION, VT.

CONTRACTOR
CLIFFORDS LOAM & GRAVEL
W. HARTFORD, VT.
RES. ENG.—RODERICK MACLAY
RECORD PLANS—A.G. SPIDLE

CONTRACT
DATED—JUNE 6, 1972.
STARTED—JUNE 8, 1972.
COMPLETED—AUGUST 25, 1972.
ACCEPTED—AUGUST 25, 1972.

STATE OF VERMONT DEPARTMENT OF HIGHWAYS



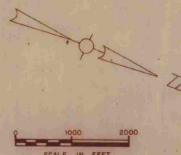
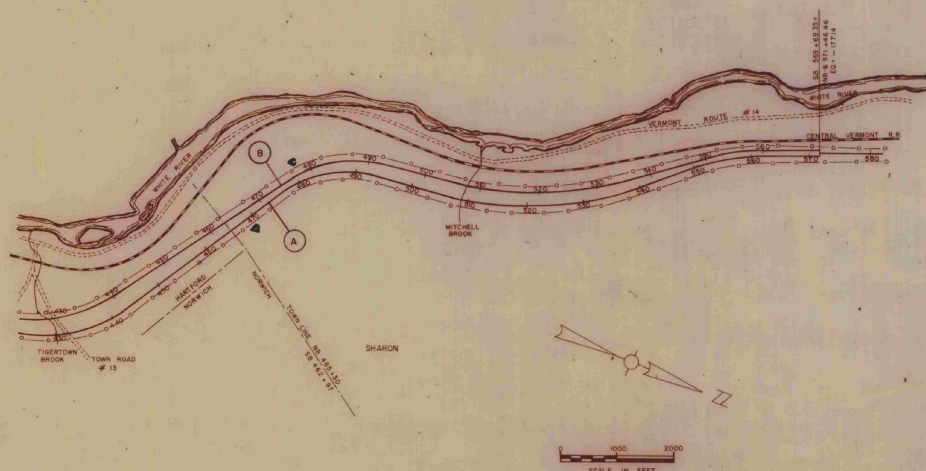
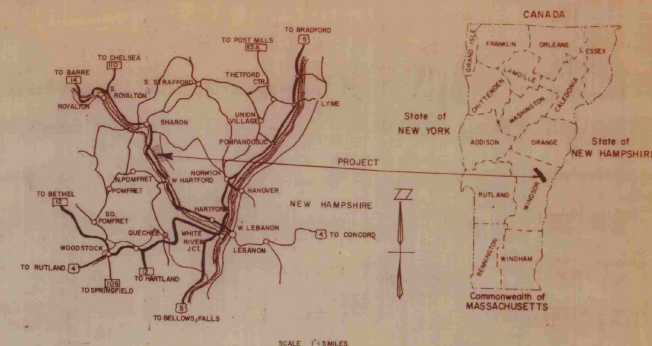
PROPOSED IMPROVEMENT SHARON

HARTFORD — ROYALTON ROAD I 89

A - N.B. BEGINNING AT A POINT 0.098 MILES NORTHERLY OF THE
HARTFORD-SHARON TOWN LINE AND EXTENDING NORTHERLY
0.095 MILES.

B - S.B. BEGINNING AT A POINT 0.207 MILES NORTHERLY OF THE
HARTFORD-SHARON TOWN LINE AND EXTENDING NORTHERLY
0.057 MILES.

1970 ADT	4380
EST. 1990 ADT	9830
EST. 1990 DHV	1460
D	57% S.B.
T	7%



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
- F.A. CONST. IDENTIFICATION SIGNS
- PROPERTY LINE
- R.O.W. TAKING LINE
- SLOPE RIGHTS
- TOP OF CUT
- TOE OF SLOPE

SHARON LSI 89-1(1)
CLIFFORDS LOAM & GRAVEL
CONTRACTOR W. HARTFORD, VT.
RECORD PLANS—A.G. SPIDLE
CONST. COMPLETED—AUGUST 25, 1972.

NOTES: ANY FURTHER INFORMATION CONCERNING
FINAL QUANTITIES OR SPECIFICATIONS SHOULD BE
OBTAINED BY THE FIELD ENGINEER OR THE DISTRICT
ENGINEER.

THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED
BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE CHIEF ENGINEER.

CONSTRUCTION IS TO BE CARRIED OUT IN ACCORDANCE WITH THE
PLANS AND THE STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION
DATED JANUARY 3, 1972, AS APPROVED BY THE FEDERAL HIGHWAY
ADMINISTRATION, DECEMBER 28, 1971, FOR USE ON THIS PROJECT, INCLUDING ALL
SUBSEQUENT APPROVED REVISIONS AND SUCH SUPPLEMENTAL SPECIFICATIONS
AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

APPROVED: *A.G. Spidle* DATE: *Aug 3, 1972*
DIST. CHIEF ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED: _____ DATE: _____
DIVISION ENGINEER

PROJECT SHARON NR LSI 89-1(1)

SHEET 1 OF 16 SHEETS

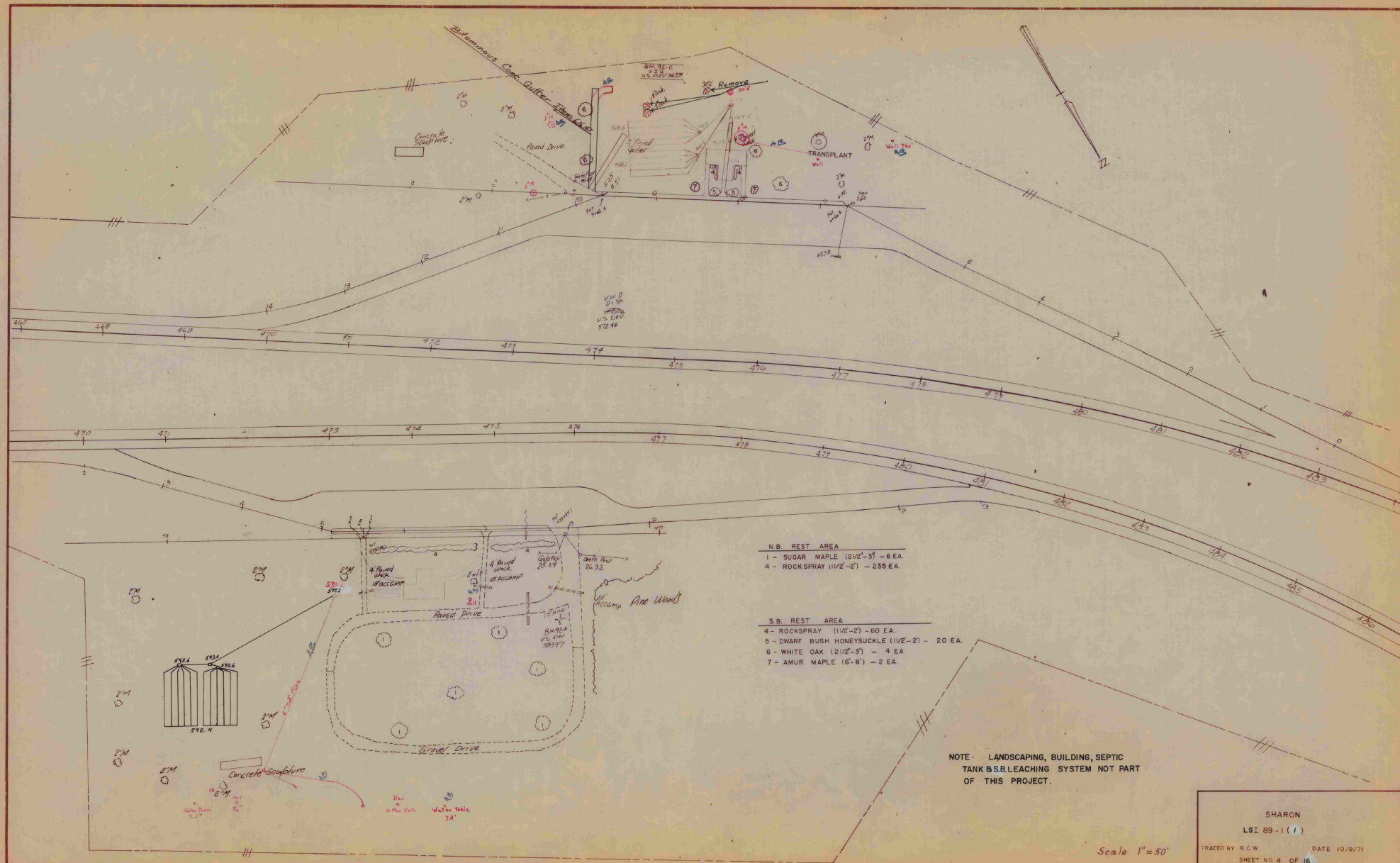
SRS 12/17/70

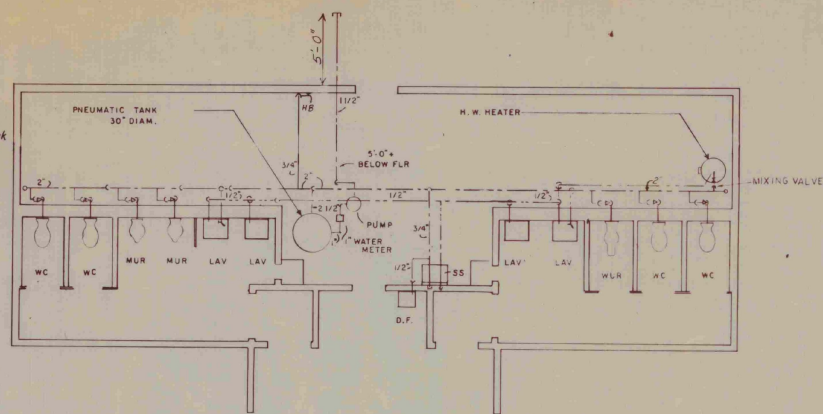
DEPARTMENT OF HIGHWAYS
NO. 109-1087-1000

Sharon PROJECT LSI NO. 89-1(1)
SHEET 2 OF 16

[illegible]STATE OF VERMONT
DEPARTMENT OF
HIGHWAYS

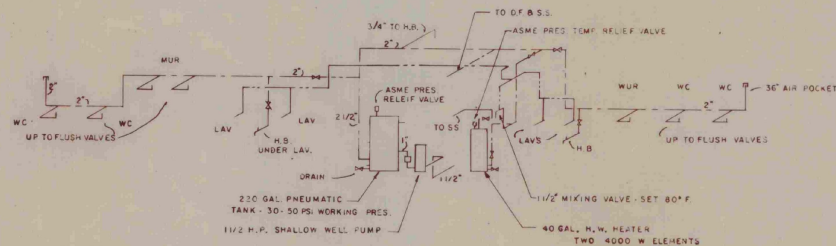
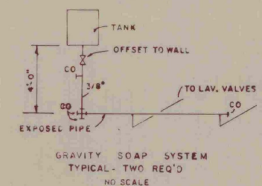
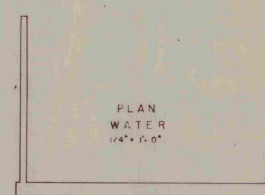
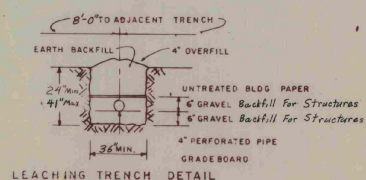
STATE OF VERMONT
DEPARTMENT OF HIGHWAYS[illegible]





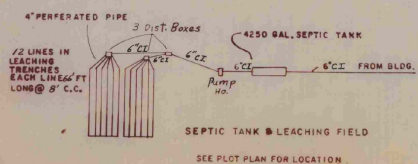
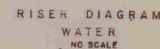
LEGEND

SOIL & WASTE	—
VENT	---
COLD WATER	----
HOT WATER	-----
CLEANOUT	C.O.
HOSE BIBB	H.B.



RISER DIAGRAM
SOIL & WASTE
NO SCALE

SEWAGE DISPOSAL



PERCOLATION RATE 16 MIN/INCH 80 min/in
ALLOWABLE APPLICATION RATE 1,27 GAL./DAY/SF 230 gal./Day/SF
SEWAGE FLOW 3000 GPD 1,500 GPD
LEACHING AREA 2376 SF 5,000 SF AB
LENGTH OF 3" WIDE TRENCH 792 FT 1,660 FT
LEACHING LINES, NO. & LENGTH 12 @ 66 FT
NO. OF DISTR. BOXES 3
SEPTIC TANK SIZE 4250 GAL. (64" X 28" X 10")

E

580

470+00

ZERO QUANTITIES 472+00

Zero 472+00 LB

580

471+50

Station	Dist.	Area	Vol.
470+00	20	0	70 ✓
471+00	50'	189	281 ✓
471+50	50'	115	106 ✓
472+00	0	0	45 ✓
Total			45 ✓

46.00
7-28-72

580

471+00

Zero Cut 470+80 LB

580

470+50

Northbound Rest Area
470+50 472+00
Sheet 11
11 OF 16

Plan: Nov 1971

Plot (PLAN) 470+50-472+00
PLAN - 7-28-72

590

473+50

C-128
F-11

Septic Tank (Not part
of This Project)

580

473+40

ZERO QUANTITIES 473+40

590

473+00

Begin 6" Cast
Iron Soil Pipe

Pump House (Not part
of This Project)

590

472+50

Northbound Rest Area
Sta 472+50 473+50
To: Sharon
LST 09-11-11
12 16
Smith Sept. 1977

570

475+39

570

ZERO QUANTITIES 475+00

475+00

570

474+88

570

474+50

Bldg Elev 582

570

474+00

Bldg. Elev. 582.0

474+13

Building Not Part
of This Project

Northbound Rest Area

Station 475+39

Drawn Sharon

LST 89-1-1

15 16

Checked by Smith

Sept 1991

E

570

475+00

570

475+84

570

475+50

E

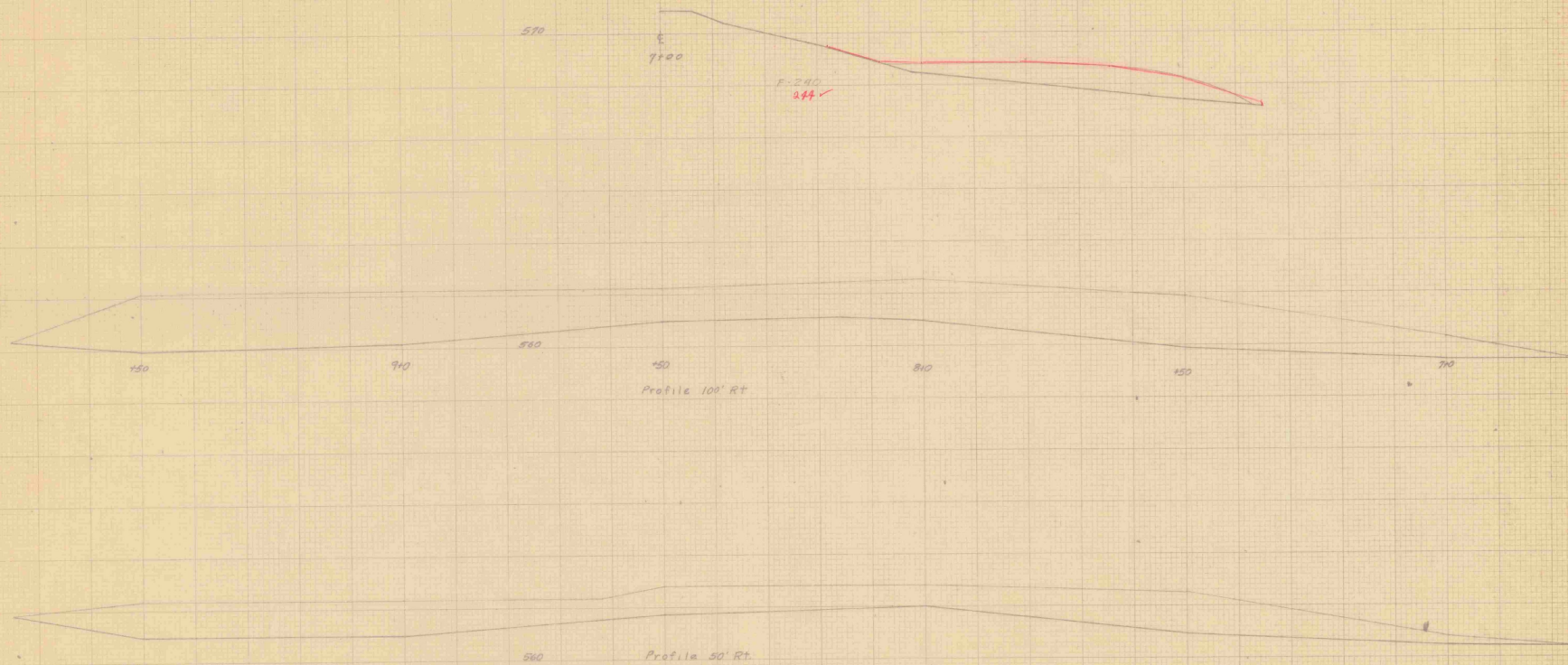
Northbound Rest Area	
Sta. 475+50	Sta. 476+00
Shaded	
LST	87 / 11
14	15
Surveyed by Smith Sept. 1977	

NOTES: 1. SEE PLAN FOR LOCATION OF REST AREA

NOTES: 2. SEE PLAN FOR LOCATION OF REST AREA

NOTES: 3. SEE PLAN FOR LOCATION OF REST AREA

NOTES: 4. SEE PLAN FOR LOCATION OF REST AREA



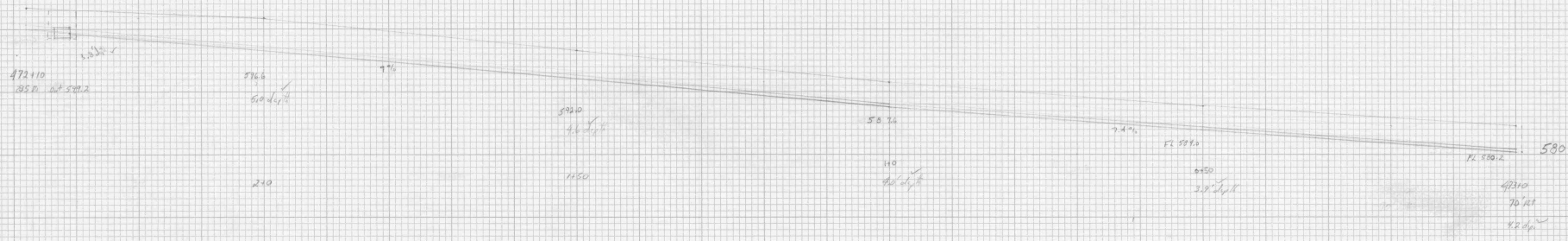
Southbound Rest Area
 1+00
 Sharon
 LS 2 89-11-1
 15 16
 15 16
 15 16

Plot STA 4-11-72
 Plot 8 4-13-72
 Plot STA 4-14-72

ST

Summary of Trench Earth

472110 To 472115	35.70	cy
472110 To 472110	24.28	cy
472110 To 471110	25.50	cy
472110 To 472110	15.70	cy
Total	100.28	cy
174.01	131.75	



Trench Earth 472110 To 472115
 $2.0 \times 2.5 \times 1.67 = 8.35$
 16.5 cy
 32.3 cy

Trench Earth 472115 To 472120

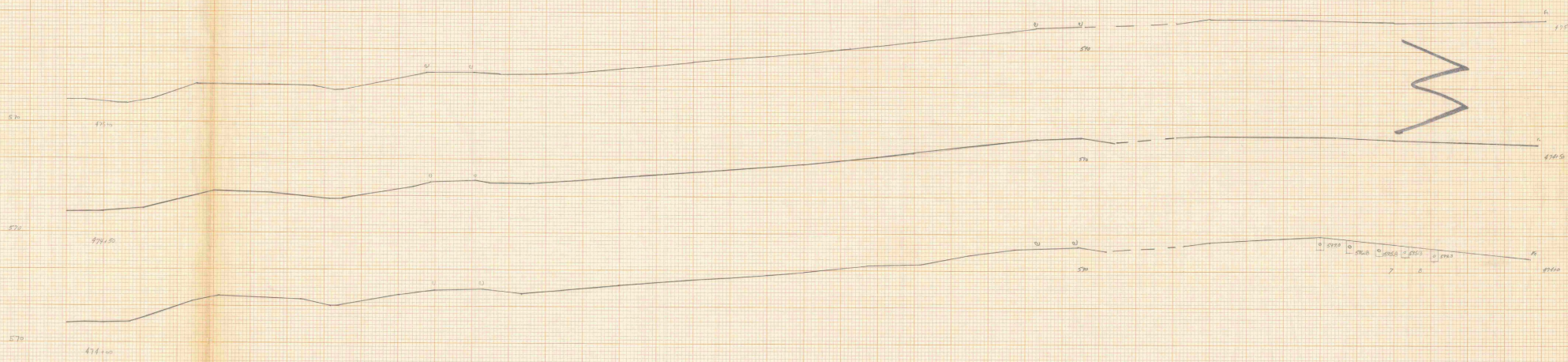
Dist	Depth	Area	Volume
0.0	2.0	2.0	0.0
1.0	2.0	2.0	2.0
2.0	2.0	2.0	4.0
3.0	2.0	2.0	6.0
4.0	2.0	2.0	8.0
5.0	2.0	2.0	10.0
6.0	2.0	2.0	12.0
7.0	2.0	2.0	14.0
8.0	2.0	2.0	16.0
9.0	2.0	2.0	18.0
10.0	2.0	2.0	20.0
11.0	2.0	2.0	22.0
12.0	2.0	2.0	24.0
13.0	2.0	2.0	26.0
14.0	2.0	2.0	28.0
15.0	2.0	2.0	30.0
16.0	2.0	2.0	32.0
17.0	2.0	2.0	34.0
18.0	2.0	2.0	36.0
19.0	2.0	2.0	38.0
20.0	2.0	2.0	40.0
21.0	2.0	2.0	42.0
22.0	2.0	2.0	44.0
23.0	2.0	2.0	46.0
24.0	2.0	2.0	48.0
25.0	2.0	2.0	50.0
26.0	2.0	2.0	52.0
27.0	2.0	2.0	54.0
28.0	2.0	2.0	56.0
29.0	2.0	2.0	58.0
30.0	2.0	2.0	60.0
31.0	2.0	2.0	62.0
32.0	2.0	2.0	64.0
33.0	2.0	2.0	66.0
34.0	2.0	2.0	68.0
35.0	2.0	2.0	70.0
36.0	2.0	2.0	72.0
37.0	2.0	2.0	74.0
38.0	2.0	2.0	76.0
39.0	2.0	2.0	78.0
40.0	2.0	2.0	80.0
41.0	2.0	2.0	82.0
42.0	2.0	2.0	84.0
43.0	2.0	2.0	86.0
44.0	2.0	2.0	88.0
45.0	2.0	2.0	90.0
46.0	2.0	2.0	92.0
47.0	2.0	2.0	94.0
48.0	2.0	2.0	96.0
49.0	2.0	2.0	98.0
50.0	2.0	2.0	100.0

Trench Earth 472120 To 472125
 $2.0 \times 2.5 \times 1.67 = 8.35$
 16.5 cy
 32.3 cy

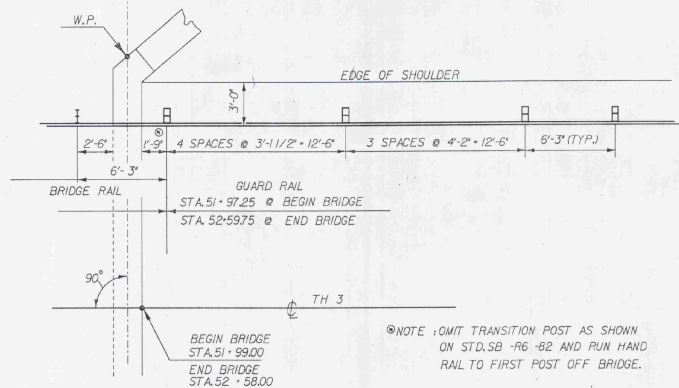
Trench Earth 472125 To 472130
 $2.0 \times 2.5 \times 1.67 = 8.35$
 16.5 cy
 32.3 cy

Note All dimension are field measurement

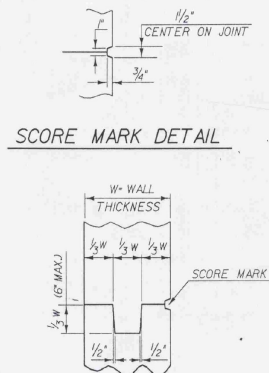
6" Cast Iron Pipe
 Shallow LSI 8910
 Drainage Roll 1



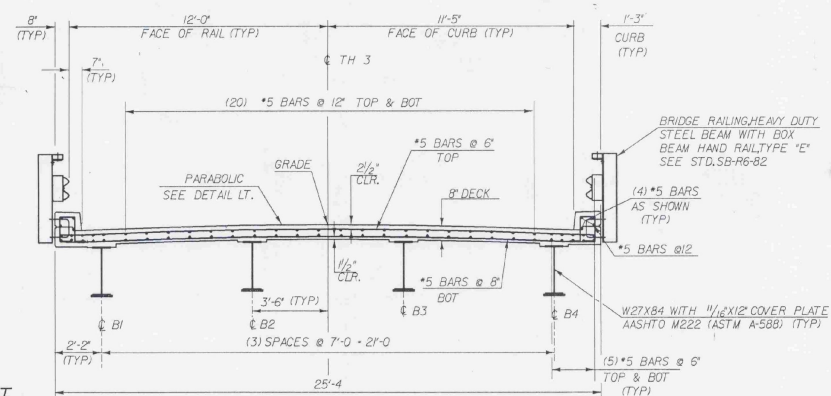
Sketch
4-22-23
J. H. Smith



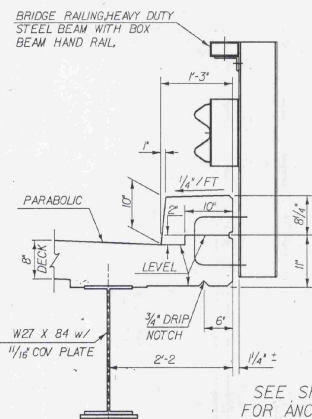
RAILING PLAN
TYPICAL ALL CORNERS
SCALE $\frac{1}{4}" = 1'-0"$



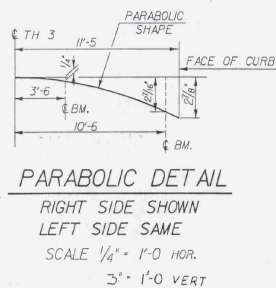
TYPICAL CONCRETE CONSTRUCTION JOINT



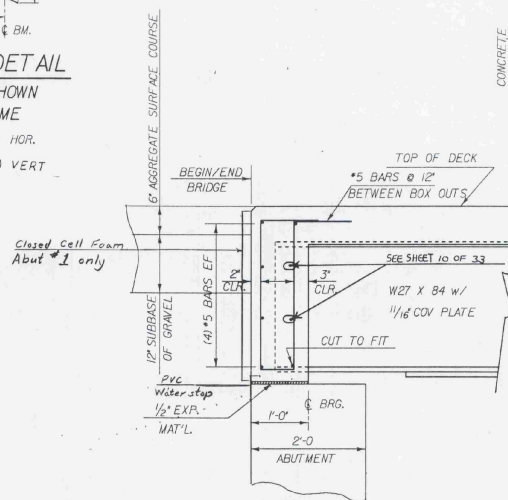
TYPICAL BRIDGE SECTION
SCALE $\frac{3}{8}" = 1'-0"$



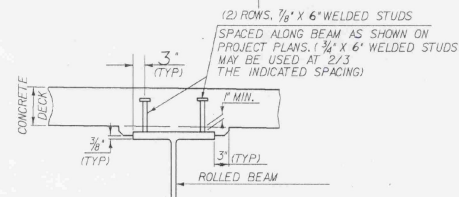
CURB DETAIL
SCALE $1" = 1'-0"$



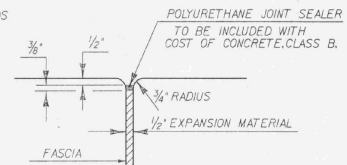
PARABOLIC DETAIL
RIGHT SIDE SHOWN
LEFT SIDE SAME
SCALE $\frac{1}{4}" = 1'-0"$ HOR.
 $3" = 1'-0"$ VERT



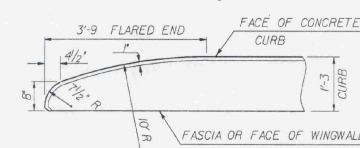
END OF BRIDGE
SCALE $1" = 1'-0"$



BEAM HAUNCH AND SHEAR CONNECTOR DETAILS



JOINT BETWEEN FASCIA AND ABUTMENT
SCALE: $3" = 1'$



FLARED END DETAIL FOR 1'-3" CURB
CURB REINFORCING STIRRUP BARS SHALL BE TURNED OR CUT AS REQUIRED TO FIT FLARED ENDS.

STATE OF VERMONT AGENCY OF TRANSPORTATION			
Town of	CHARLESTON	Bridge No.	B24
Highway No.	TH3	Log Sta.	
		Surv. Sta.	52+28
TH3 OVER CLYDE RIVER			
TYPICAL SECTION AND SUPERSTRUCTURE DETAILS			
Designed By	ACHURCH	Drawn By	SINCLAIR
Checked By	Date	Bridge Design Supervisor	Date
CWILLIAMS	12-88	ROSENDAW	1-89
PROJECT	CHARLESTON	PROJECT NO.	BRZ 14491(4)
I.O.C. Info. 7/14/3056/3C360SUP.DGN		CHARLESUP2	
Bridge Sheet No.		Sheet	7 of 33

Date In: January 3, 2003 Batch 1 (HANGER 9 of 50)

Vermont Agency of
Transportation
PHASE 1-INTERSTATE
#122302-01
HANGER 9
INITIALS
DONE

*

1972

Sharon
LSI-89-1 (1)

1972