

INDEX OF SHEETS

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS



PROJECT: BHS TQS 0162(4)
PIN: 76.E.015
DATE: 06/19/78

PROPOSED IMPROVEMENT
BRIDGE PROJECT
TOWNS OF BRANDON & GOSHEN
COUNTY OF RUTLAND

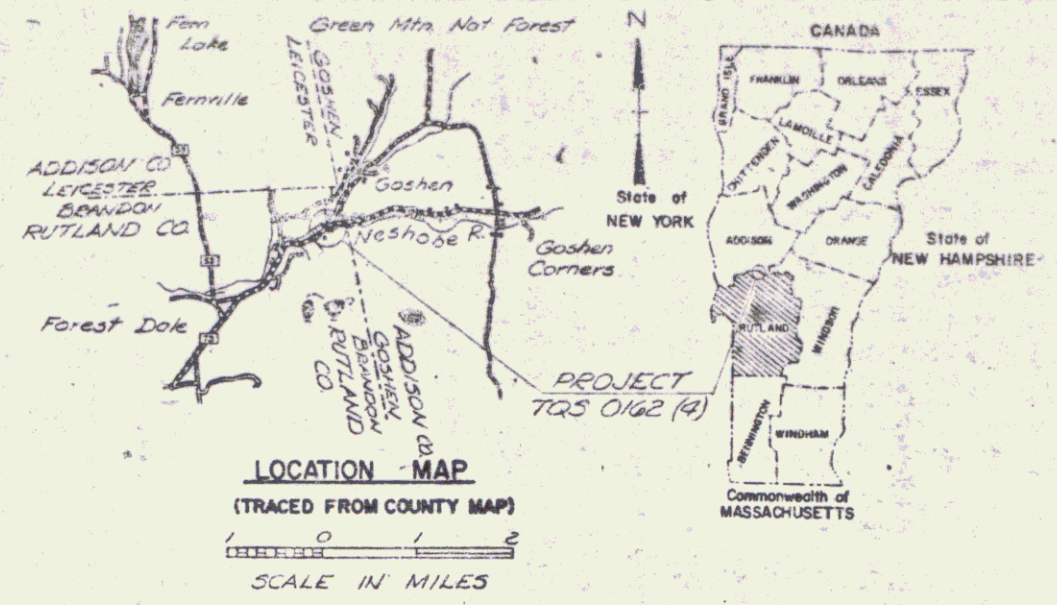
ROUTE NO: VT. RTE 73 BRIDGE NO: 8

PROJECT LOCATION: BEGINNING AT A POINT ON VT. RTE 73, 0.057 MILE WESTERLY OF THE BRANDON-GOSHEN TOWN LINE AND EXTENDING EASTERLY ALONG VT. RTE. 73 FOR 0.085 MILE.
PROJECT DESCRIPTION: THE PROJECT EXTENDS 0.028 MILE INTO THE TOWN OF GOSHEN. REMOVE EXISTING CONCRETE BRIDGE DECK, WIDEN ABUTMENTS, AND SUPERSTRUCTURE. CONSTRUCT NEW COMPOSITE CONCRETE DECK, WITH RELATED ROADWAY AND CHANNEL WORK.

LENGTH OF STRUCTURE:	74.0	FEET
LENGTH OF PARTICIPATION ROADWAY:	376.0	FEET
LENGTH OF NON-PARTICIPATION ROADWAY:		FEET
LENGTH OF PROJECT	450.0	FEET
LENGTH OF R.O.W PROJECT	450.0	FEET

TRAFFIC DATA

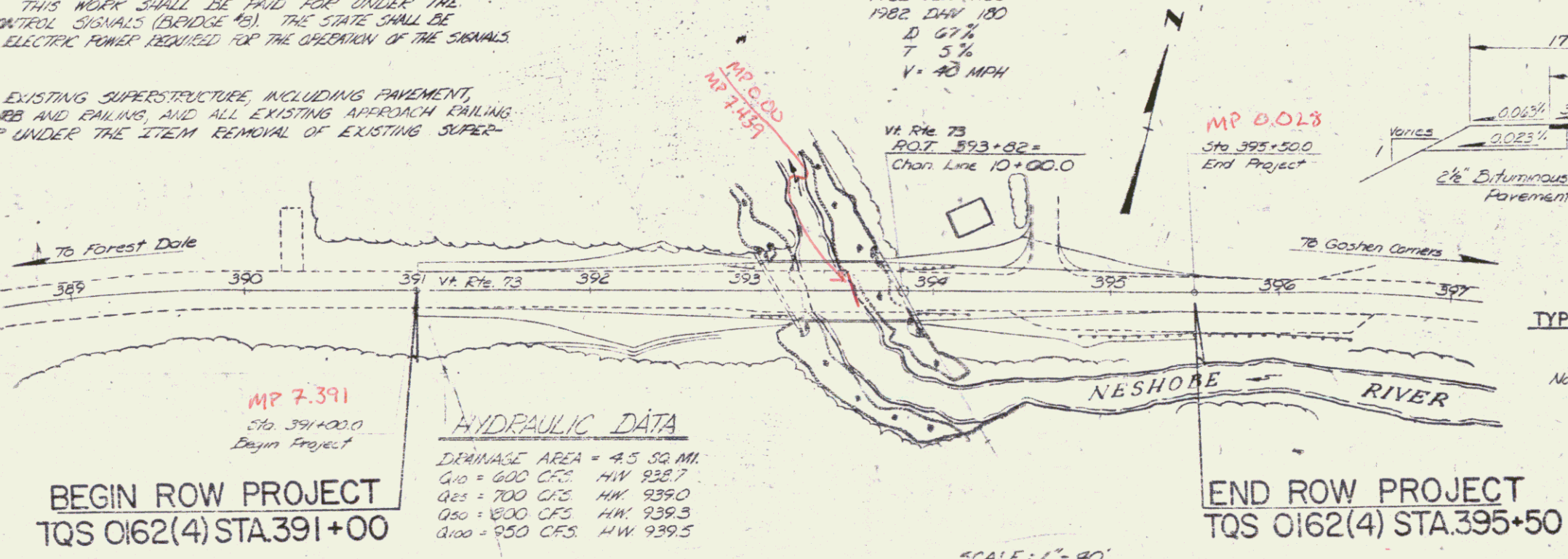
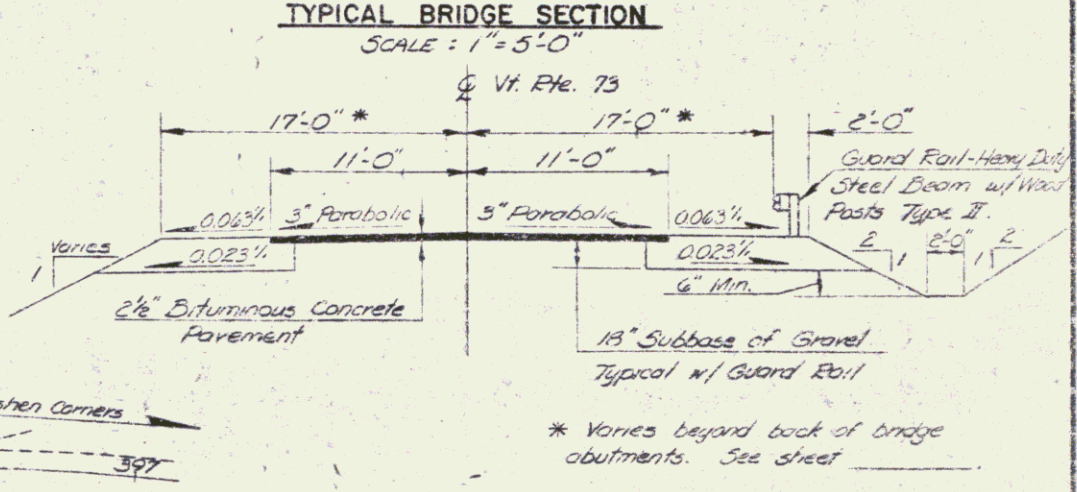
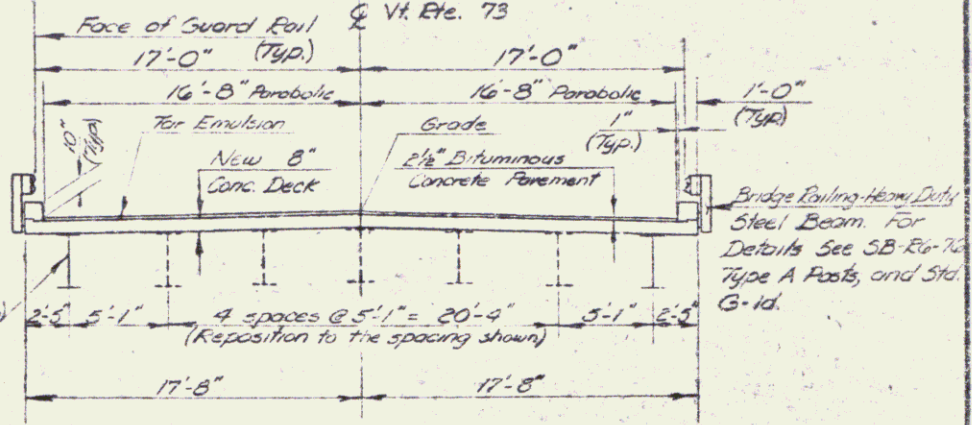
1977 ADT	1020
1982 ADT	1130
1982 DAV	180
D	67%
T	5%
V	40 MPH



ROW PLANS

GENERAL NOTES:

- GENERAL NOTES PERTAINING TO SPECIFICATIONS AND CONSTRUCTION NOT SHOWN ON THESE PLANS ARE ON STANDARD DRAWING 528-DI-78. NOTES ON THE STANDARD DRAWING WHICH APPLY ARE NOTES 2, 3, 4, 5, 7, 8, 9, 10, 11, 14 AND 15. DESIGN IS FOR ASSHTO H5-20-94 LIVE LOAD.
- FOR SPECIFICATIONS REGARDING MOVEMENT OF TRAFFIC OVER THE BRIDGE SEE THE ITEM: MAINTENANCE OF TRAFFIC FOR BRIDGE PROJECTS. ONE-WAY TRAFFIC SHALL BE MAINTAINED WITH A CLEAR WIDTH OF AT LEAST 12'-0" BETWEEN TEMPORARY CURBS.
- DETOUR TRAFFIC WILL BE CONTROLLED BY TRAFFIC CONTROL SIGNALS. TRAFFIC CONTROL SIGNALS, INCLUDING RELATED HARDWARE, EQUIPMENT AND INCIDENTALS, WILL BE FURNISHED, INSTALLED, AND MAINTAINED BY STATE FORCES. THIS WORK SHALL BE PAID FOR UNDER THE ITEM TRAFFIC CONTROL SIGNALS (BRIDGE 76). THE STATE SHALL BE RESPONSIBLE FOR THE ELECTRIC POWER REQUIRED FOR THE OPERATION OF THE SIGNALS.
- REMOVAL OF THE EXISTING SUPERSTRUCTURE, INCLUDING PAVEMENT, DECK CONCRETE, CURB AND RAILING, AND ALL EXISTING APPROACH RAILING, SHALL BE PAID FOR UNDER THE ITEM REMOVAL OF EXISTING SUPERSTRUCTURE.



HYDRAULIC DATA

DRAINAGE AREA	= 4.5 SQ. MI.
Q10	= 600 CFS. HW 938.7
Q25	= 700 CFS. HW 939.0
Q50	= 800 CFS. HW 939.3
Q100	= 950 CFS. HW 939.5

TAILWATER ELEVATION @ Q10 = 936.3
OUTLET VELOCITY @ Q10 = 13.2 FPS
STONE FILL TYPE II

- 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

Note: Transition the 34 ft. pavement width of the bridge out to the normal 22 ft. pavement width, using a rate of 1 ft. in 25 ft.

SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

APPROVED: [Signature] DATE: 6/19/78
DIRECTOR OF ENGINEERING & CONSTRUCTION

APPROVED: [Signature] DATE: 6/19/78
CHIEF PROPERTY ADMINISTRATION

PROJECT: BRANDON-GOSHEN TQS 0162(4)
SHEET 1 OF 3 SHEETS
SRE 18117

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
DETAIL SHEET

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS
1	MARINUS, EDITH D.	3	391+00 RT.	393+57 RT.	0.2 A ±			OPT.	12/18/78	BRANDON	84	384	9,700 S.F. ± (BRANDON)
								OPT.	7-30-79	BRANDON	84	385	
								WD	6/5/79	BRANDON	84	534	
2 A	ALEEM, KHADIJAH & SALAAM, JAMILA ABDUS	3	394+30 RT.	395+50 RT.	0.041 A ±			W.D.	9/18/79	BRANDON	85	25	1,800 S.F. ± (BRANDON)
								W.D.	10/4/79	GOSHEN	15	517	
B			393+80 LT. 394+64 LT.	394+90 LT.			SLOPE(T) DRIVE(T)	(220 SF)					
C	DELETED												
3	NEW ENGLAND TELEPHONE & TELEGRAPH CO.												UTILITY
4	CENTRAL VERMONT PUBLIC SERVICE CORP.												UTILITY

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
1	249	PARCEL #2, ALEEM & SALAAM - REVISED SLOPE LIMITS FROM STA. 393+73 LT. TO 394+50 LT., PLOTTED TAKE LINE FROM STA. 393+48 LT. TO 395+00 LT., ADDED CONST. EASE. (T) STA. 394+00 LT. TO 394+50 LT., AND ADDED "ALL R.T. & I." FOR HOUSE AT 394+25 LT. PER REVISED DESIGN & C.D. # 4127	12-18-78	P.J.H.	T.P.M.
2	2,3	PARCEL #2 ALEEM & SALAAM - RELOCATED TOWN LINE, DELETED 2C & INCLUDED IT IN 2B. PER C.D. # 4317.	4-13-79	S.J.B.	T.P.M.
3	2	PARCEL #2 ALEEM & SALAAM, CHANGED 0.50 AT TO 0.05 AT AT 393+48 LT. TO 393+00 LT. ADDED TO REMOVE HOUSE AT 394+00 LT. TO 394+50 LT. PER C.D. # 4324	4-19-79	DON	T.P.M.
4	2,3	PARCEL #2B ALEEM & SALAAM, DELETED TAKE, REVISED CONST. LIMITS & ADDED DRIVE RT. PER REVISED DESIGN & C.D. # 4363.	5-31-79	S.J.B.	T.P.M.
5	3	PARCEL #2B ALEEM & SALAAM, ADDED NOTE TO RETAIN & PRESERVE TREES PER C.D. # 4429	6-22-79	DON	T.P.M.

MADE BY: A.G.S. DATE 6/13/78
 CHECKED BY: W.E.B. DATE 6/13/78

DR RT - DRAINAGE RIGHT
 DIT RT - DITCHING RIGHT
 CH RT - CHANNEL RIGHT
 DRIVE RT - DRIVE RIGHT
 CUL RT - CULVERT RIGHT
 (D) - DEMOLITION OR REMOVAL
 (W) - WATER SOURCES

PRESENT R.O.W.
 TAKING WITHOUT ACCESS
 TAKING WITHOUT ACCESS ALONG PROPERTY LINES
 TAKING WITH ACCESS
 (P) - PERMANENT EASEMENT
 (T) - TEMPORARY EASEMENT

LEGEND

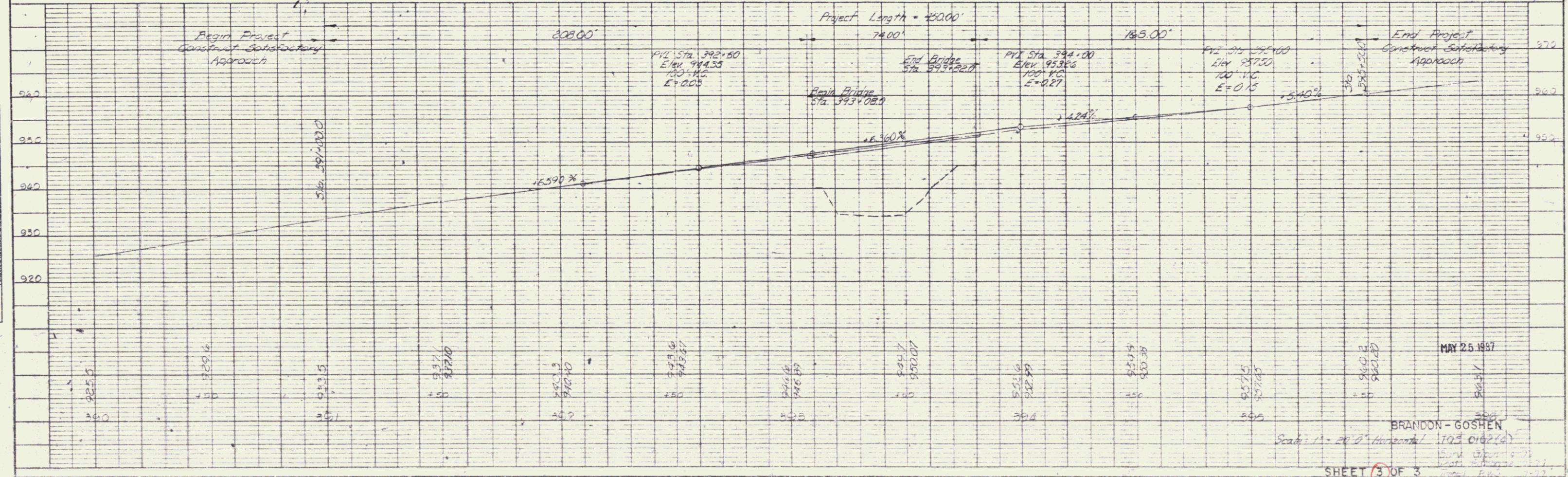
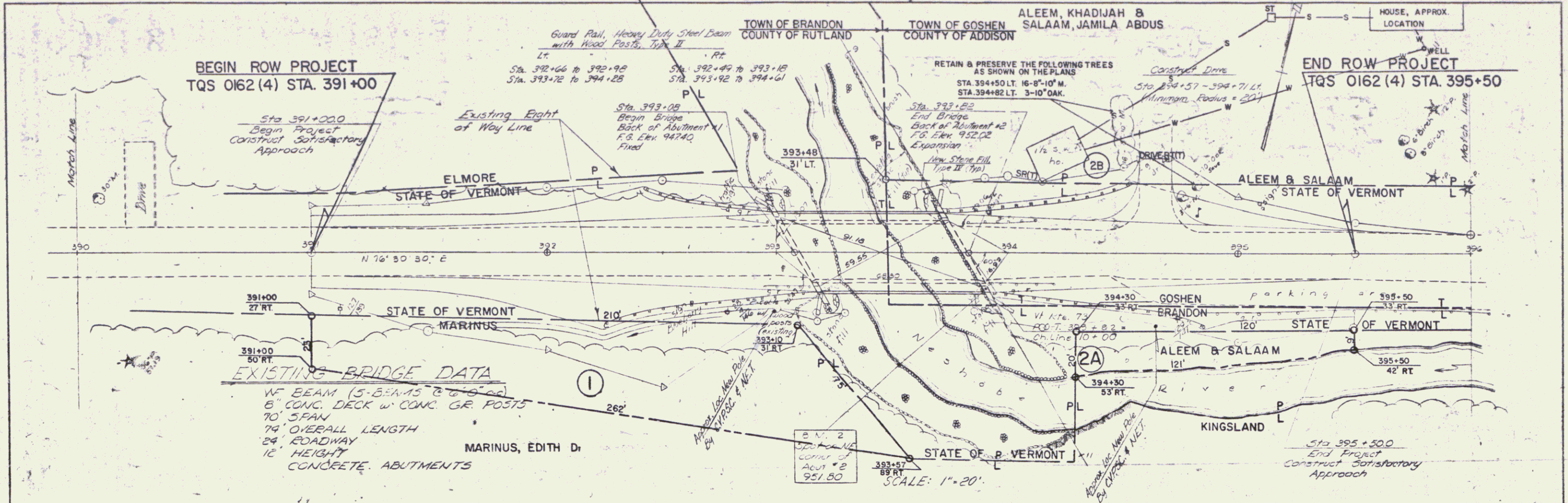
SR - SR - SLOPE RIGHTS
 P - P - PROPERTY LINE
 -Δ-Δ-Δ- TOP OF CUT
 -○-○-○- TOP OF SLOPE

APPROVED: *Thomas J. May* DATE 6-19-78
 CHIEF OF PLANS & TITLES

MAY 25 1987
 PROJECT BRANDON-GOSHEN
 NO. TQS 0162(4)
 SHEET 2 OF 3

PLAN
DATE: 5/2/87
BY: J.E. CARLSON
NOTED: []
NO. OF SHEETS: 3
SHEET NO.: 3

PROFILE
DATE: 5/2/87
BY: J.E. CARLSON
NOTED: []
NO. OF SHEETS: 3
SHEET NO.: 3



K&E PLATE 1, PLAN PROFILE
MAY 25 1987
BRANDON - GOSHEN
SHEET 3 OF 3