

INDEX OF SHEETS

1	Title
2	Topics
3	Quantity & Drainage Sheets
4	Earthworks
5-7	Plans
8	R.A.M. Detail Sheet
9	Plan & Profile Sheets
10-12	Blank
13-25	Bridge 100 Series

BRIDGE STANDARDS

26	SB-81-75	12-15-76 (R)
27	SB-85-73 B	12-15-76 (R)
28-29	Blank	

ROADWAY STANDARDS

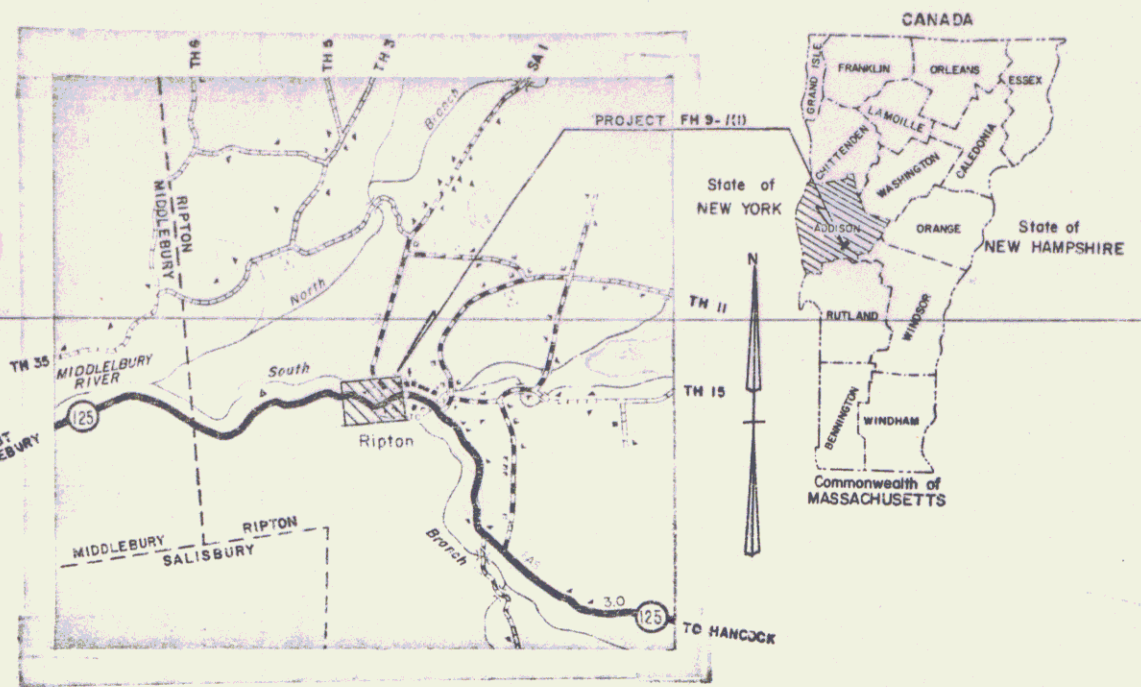
30	A-61 Slopes in Solid Rock Excavation	4-20-73 R
31	B-5 Slope Grading, Embankments	12-6-71
32	B-11 Underdrain - Rock Subgrade, Slope Stabilization	12-12-74 R
33	C-1 Treated Timber Curb	9-7-76 R
34	D-2 Underdrain	12-16-76 R
35	D-3 Treated Gutters	4-27-73 R
36	D-4 Flashing Basins, End Section, Elbow	7-28-75 R
37	D-6 Reinforced Concrete Drop Inlets w/Grate(Ditch)	4-4-73
38	D-16 Precast Curb Drop Inlet, Grate Type B	11-16-72 R
39	E-2 Approach Signs, Road Construction	6-7-77 R
40	E-3 Approach Signs, Bridge Construction	6-7-77 R
41	E-6 Construction Signs On Project	6-7-77 R
42	E-7 Barricades	8-18-73 R
43	E-7a Barricades Breakaway	6-6-77 R
44	G-1 Steel Beam Guard Rail	6-6-74 R
45	G-1d Guard Rail Steel Beam w/Wood Posts, Type II	3-2-77 R
46	G-4 Wood Marker Posts	5-23-74 R
47	J-1 Boundary Markers	12-6-71
48	T-1 Temporary Erosion Control	12-7-76 R
49	T-2 Temporary Erosion Control	7-5-72
50	Blank	
51-57	Sections	

RECORD PLANS-MATERIAL SUPPLIERS
STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

CONTRACTOR-TUCKER CONSTRUCTION CORP., LUDLOW, VT.
 CONTRACT DATED-3 NOVEMBER 1977
 CONSTRUCTION BEGAN-20 JUNE 1978
 CONSTRUCTION COMPLETED-27 NOVEMBER 1978
 CONSTRUCTION ACCEPTED-6 DECEMBER 1978
 RESIDENT ENGINEER-EUGENE A. ORVIS RECORD PLANS-PAUL E. SINGLETON
 SALISBURY, VERMONT
 SAND BORROW, GRANULAR BORROW, SUBBASE OF GRAVEL-HAROLD L. CONANT TRUCKING
 SALISBURY, VERMONT
 BITUMINOUS CONCRETE PAVEMENT-PIKE INDUSTRIES INC., LACONIA, N.H.
 CONCRETE-CARRARA & SONS, MIDDLEBURY, VT.
 REINFORCING STEEL-K-ROSS BUILDING SUPPLY CENTER, LEBANON, N.H.
 WATER REPELLENT-SPENCER KELLOGG, BUFFALO, N.Y.
 FROD'S WITH CI GRATES-S.T. GRISWOLD & CO. INC., WILLISTON, VT.
 CORRUGATED UNDERDRAIN-GIDDINGS MFG. CO. INC., PITTSFORD, VT.
 TREATED TIMBER CURB-WOOD MARKER POSTS, GUARD RAIL
 ANCHORS FOR GUARD RAIL, EROSION MATTING, SEED,
 FERTILIZER-LAFAYETTE-SHELDON INC., ESSEX JCT., VT.



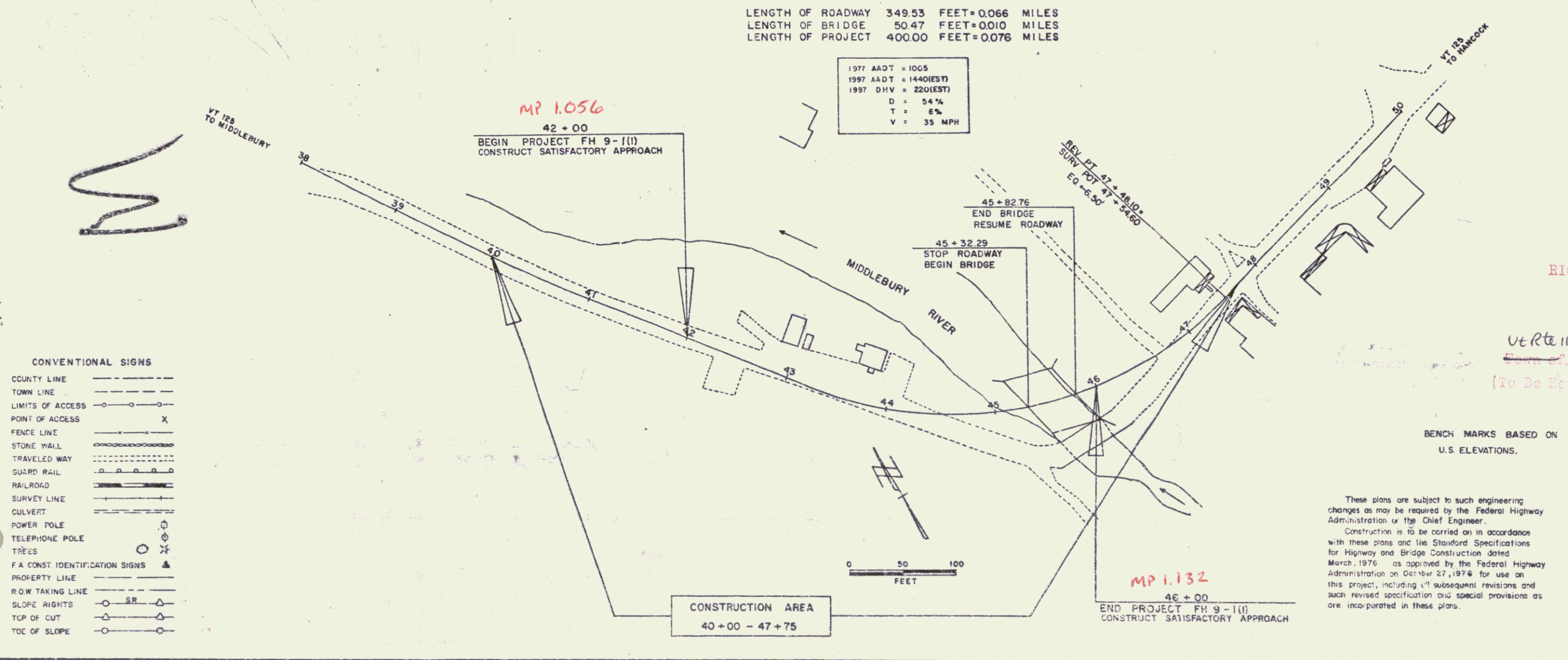
PROPOSED IMPROVEMENT
TOWN OF RIPTON
COUNTY OF ADDISON
VERMONT ROUTE 125



BEGINNING APPROXIMATELY 1.0 MILE EASTERLY OF THE MIDDLEBURY-RIPTON TOWN LINE AND EXTENDING EASTERLY .076 MILE; RECONSTRUCTION OF BRIDGE NO. 14 AND THE NECESSARY APPROACHES.

LENGTH OF ROADWAY 349.53 FEET=0.066 MILES
 LENGTH OF BRIDGE 50.47 FEET=0.010 MILES
 LENGTH OF PROJECT 400.00 FEET=0.076 MILES

1977 AADT = 1005
 1987 AADT = 1440(EST)
 1997 DHV = 220(EST)
 D = 54%
 T = 6%
 V = 35 MPH



CONVENTIONAL SIGNS

CCOUNTY LINE	---
TOWN LINE	---
LIMITS OF ACCESS	---
POINT OF ACCESS	X
FENCE LINE	---
STONE WALL	---
TRAVELED WAY	---
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	---
TOP OF SLOPE	---

RIGHT-OF-WAY DIVISION
 TOWN FILE
 PERPETUAL
 VER 112, Ripton
 (To Be Returned to R.O.W. Division)

BENCH MARKS BASED ON U.S. ELEVATIONS.

These plans are subject to such engineering changes as may be required by the Federal Highway Administration or the Chief Engineer.
 Construction is to be carried on in accordance with these plans and the Standard Specifications for Highway and Bridge Construction dated March, 1976 as approved by the Federal Highway Administration on October 27, 1974 for use on this project, including all subsequent revisions and such revised specifications and special provisions as are incorporated in these plans.

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION
APPROVED _____ DATE _____
DIVISION ADMINISTRATOR
SUBMITTED BY ORDER OF THE TRANSPORTATION BOARD
APPROVED <i>E. W. Hickey</i> DATE <i>4/21/77</i>
CHIEF ENGINEER
U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION
APPROVED _____ DATE _____
REGIONAL ADMINISTRATOR
PROJECT FH 9-1(1)
SHEET 1 OF 57 SHEETS

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
1A	UNITED STATES NATIONAL FOREST	5	40+00 RT.	41+22 RT.	0.03 A±			HWY EASE. DEED	9-13-77	RIPTON	20	174-183	1220 SQ. FT.
1B			40+70 LT.	41+15 LT.			SLOPE (T) 0.01 A±						260 SQ. FT.
1C			43+47 RT. 43+51 RT. 44+15 RT.	44+70 RT. 44+25 RT.	0.04 A±		SLOPE (T) 0.01 A± DITCH (P)						1716 SQ. FT. 280 SQ. FT.
				TOTAL	0.07 A±								
2A	PLGOF, ARTHUR & BERNICE	5	44+17 LT.	45+47 RT.	0.05 A±			WD OE	5-5-77	RIPTON	20	53-56	2396 SQ. FT.
			41+15 LT. 42+90 LT.	42+00 LT.			SLOPE (T) DRIVE (T)						425 SQ. FT. 40' WIDE GRAVEL M.P. 1.081 DRIVE PERMIT DATE
			43+97 LT.				DRIVE (T)						25' WIDE GRAVEL M.P. 1.102 DRIVE PERMIT DATE
2B			44+30 LT.	45+70 RT.	0.10 A±		ALL R.T. & I.						MIDDLEBURY RIVER
2C			44+34 LT. 41+15 RT. 42+30 RT.	44+83 LT. 43+51 RT. 42+65 RT.	0.13 A±		CHANNEL (P) 0.01 A± SLOPE (T) (60 S.F.±)						300 S.F.±
				TOTAL	0.28 A±								
3A	SCHLEY, MIRIAM H. & MARGARET ANNE	5	45+42 LT.	46+99 LT.	0.14 A±			WDOE	6-8-77	RIPTON	20	69-70	
3B			44+83 LT. 44+52 LT.	45+90 RT. 45+42 LT.	0.07 A± 0.21 A±		ALL R.T. & I. CHANNEL (P) 0.02 A±						MIDDLEBURY RIVER (3000 S.F.±) 1000 S.F.±
4	STURGEON, WALTER A. & RUBY H.	5	46+90 LT. 47+15 LT.	47+38 LT.	0.01 A±		ALL R.T. & I.	WD	3/3/77	RIPTON	20	12-13	195 SQ. FT. SEPTIC TANK & LEACH FIELD

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
1	4.5	Added Shoulder & Turn Out Area Per Revised Design Per C.O. #3151	6-9-76	KDP	T.P.M.
2	4	Parcel #20 Scribner Added area of 60 S.F. to Slope right Rt of Sta. 43+50 ~ 42+53 Per Change Order #3163	6-30-76	KDP	T.P.M.
3	4	Parcel #3B Schley Added area to take at Sta. 44+83 to 45+90 Lt. Per C.O. #3164	6-30-76	SP	T.P.M.
4	4	Parcel #2B SCRIBNER Added 0.01 A± to Channel Rts. Per C.O. #3182	7-23-76	WSP	WSP
5	4	PARCEL 3B SCHLEY ADDED AREA 0.02 A± to CHANNEL Rts. Per C.O. #3183	7-23-76	WSP	WSP
6	4.5	Parcel #20 Scribner Revised Rt of Sta. 41+15 E 43+47 which revised taking area and ending Sta. Also revised taking area for Parcel #1A & United States Nat'l Forest Revised Ending Sta. for #1A and Beg. Sta. of take and Slope Rt. for 1C Per C.O. #3189	8/20/76	KDP	WSP
7	4.5	Parcel #3A Schley Revised ending sta. due to Pk. Changes on Parcel #4 Sturgeon Per C.O. #3190	8/20/76	KDP	WSP
8	4.5	Parcel #4 Sturgeon Revised #2's & construction limits which revised the taking area and Beg. Sta. Per C.O. #3191	8/20/76	KDP	WSP
9	4.5	Parcel #2A SCRIBNER Delete & Drive at Sta. 42+45 Rt. Per C.O. #3216	10/8/76	KDP	WSP
10	4.5	Parcel #2 Change in Title from Scribner to Ploof. (Title to Taking Areas and rights only) Per C.O. 3329	3/25/77	KDP	T.P.M.
11	5	Parcel #1C U.S. National Forest. CHANGED OFFSET AT 4470 FT. FROM 45' TO 44', & RUNNING DISTANCE FROM 131' 1/4 TO 131' PER. C.O. #3419	4/20/77	N.B.B.	T.P.M.

MADE BY: J. PATERSON DATE 3/22/76
CHECKED BY: W. BELLION DATE 3/22/76

DR. RT. - DRAINAGE RIGHT
DIT. RT. - DITCHING RIGHT
CH. RT. - CHANNEL RIGHT
DRIVE. RT. - DRIVE RIGHT
CUL. RT. - CULVERT RIGHT
⊙ - 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 - SLOPE RIGHTS
P - PROPERTY LINE
Δ - TOP OF CUT
○ - TOP OF SLOPE

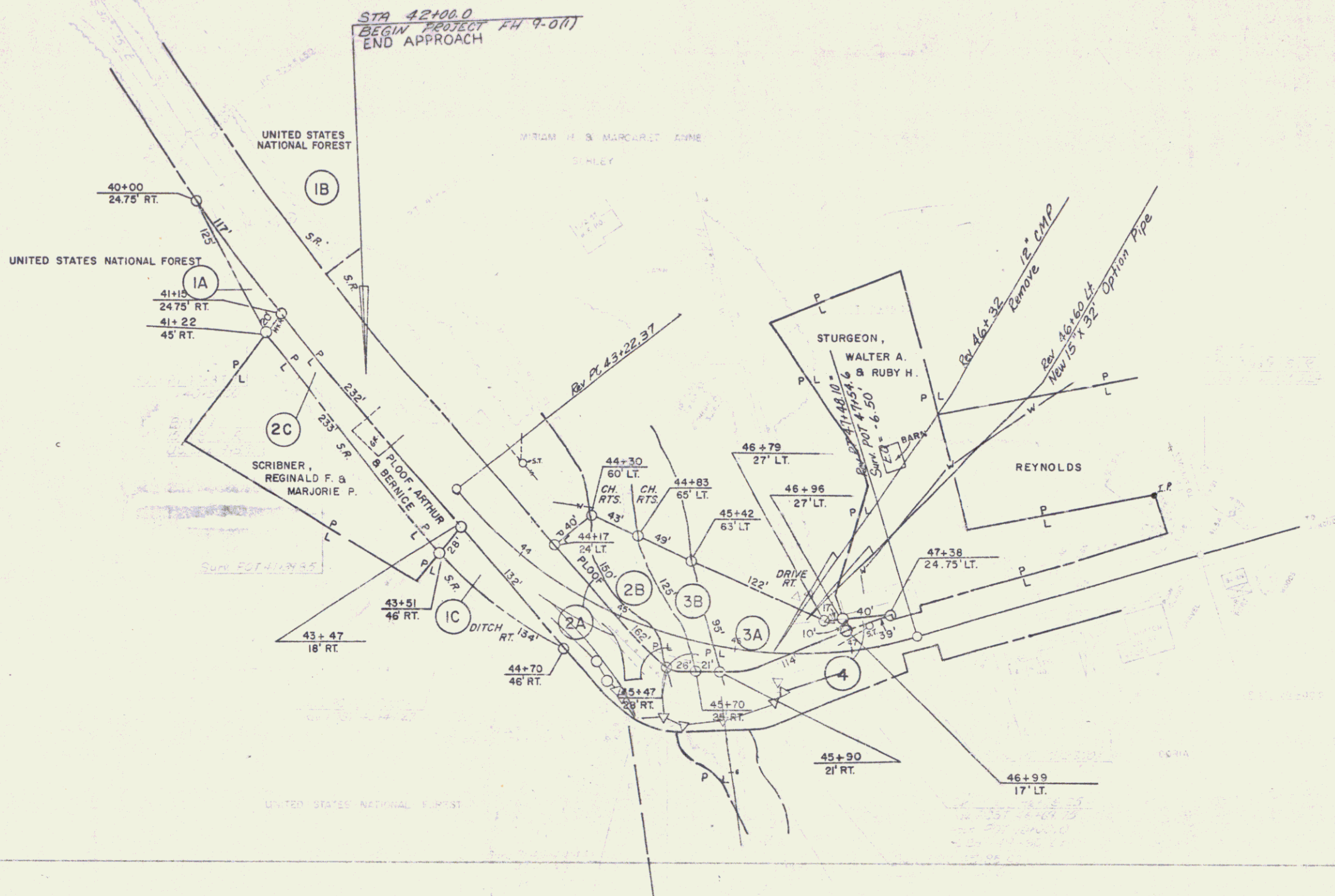
APPROVED: [Signature] DATE 7-22-76
CHIEF OF PLANS & TITLES

PROJECT RIPTON
NO. FH 9-1(1)
SHEET 4 OF 5

Construct Turnout
Lt.
Rt.
44+50 ~ 45+60

PARCELS 1A, 1B, 1C HIGHWAY EASEMENT DEED
PARCELS 2A, 2B, 2C WARRANTY DEED OF EASEMENT
PARCELS 3A & 3B WARRANTY DEED OF EASEMENT
PARCEL 4 WARRANTY DEED OF EASEMENT

STA 42+00.0
BEGIN PROTECT FH 9.0 FT
END APPROACH



Excavation and Removal of Road
Surfaces and Pavements
Rt.
46+40 ~ 47+00

All existing easements shown on this plan are to be removed and replaced by the easements shown on this plan. The easements shown on this plan are to be recorded in the public records of the county of Lincoln, Nebraska.

DATE: 11-18-11
DRAWN BY: J. J. JENSEN
CHECKED BY: J. J. JENSEN
SCALE: 1" = 40'
SHEET 5 OF 5

CONSTRUCT DRIVE
 Lt Rt
 42+70 ~ 43+70 Rt
 43+70 ~ 44+70 Lt
 44+70 ~ 45+70 Rt
 45+70 ~ 46+70 Lt
 46+70 ~ 47+90 Rt

CONSTRUCT TURNOUT
 Rt
 44+50 ~ 45+60

CURVE DATA
 Δ 5° 08' Lt
 D 3°
 R 1909.86
 T 85.61
 L 171.11
 E 1.92
 Bank Ramona Crown

SPECIAL DITCH W/ STONE
 FILL, TYPE I
 Rt
 44+25 ~ 44+35

TREATED TIMBER CURB
 Lt Rt
 44+50 ~ 45+25

REMOVAL AND DISPOSAL OF
 EXISTING GUARD RAIL
 Rt
 44+95 ~ 45+50
 46+15 ~ 46+50
 46+25 ~ 46+45
 45+58 ~ 45+65

DEMOLITION AND DISPOSAL OF BUILDING
 Lt
 NO. 1 47+15 (Septic Tank)

BRIDGE DETAILS
 See Sheets 13-25 of 57 Sheets

REV. CURVE DATA
 Δ 68° 07' Lt
 D 16° 00'
 R 358.10
 T 242.07
 L 425.73
 E 74.15
 Bank 0.042/17 (Mod)

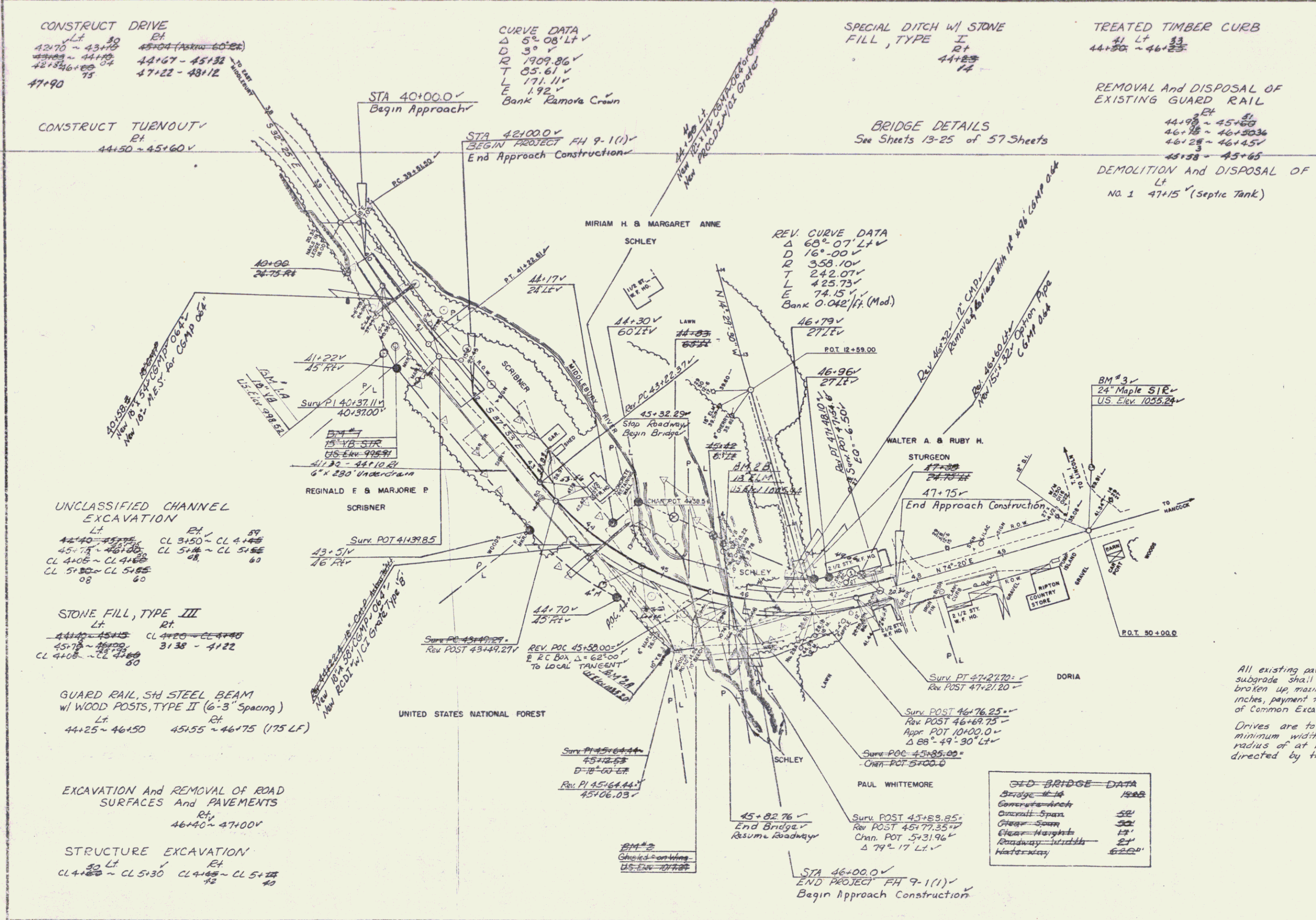
UNCLASSIFIED CHANNEL
 EXCAVATION
 Lt Rt
 44+40 ~ 45+75 CL 3+50 ~ CL 4+15
 45+75 ~ 46+15 CL 5+14 ~ CL 5+55
 CL 4+05 ~ CL 4+15
 CL 5+50 ~ CL 5+55

STONE FILL, TYPE III
 Lt Rt
 44+40 ~ 45+15 CL 4+20 ~ CL 4+70
 45+15 ~ 45+25 31.38 - 41.22
 CL 4+05 ~ CL 4+15

GUARD RAIL, SH STEEL BEAM
 W/ WOOD POSTS, TYPE II (6'-3" Spacing)
 Lt Rt
 44+25 ~ 46+50 45+55 ~ 46+75 (175 LF)

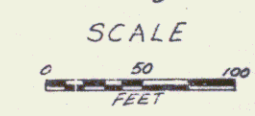
EXCAVATION AND REMOVAL OF ROAD
 SURFACES AND PAVEMENTS
 Rt
 46+40 ~ 47+00

STRUCTURE EXCAVATION
 Lt Rt
 CL 4+50 ~ CL 5+30 CL 4+55 ~ CL 5+25



All existing pavement within 2 feet of the subgrade shall be thoroughly scarified and broken up, maximum allowable dimension of 6 inches, payment to be included under the bid price of Common Excavation, Item 203.15.
 Drives are to be constructed with a minimum width of 14 feet and a flare radius of at least 20 feet or as directed by the Resident Engineer.

GID BRIDGE DATA	
Bridge Length	1568
Concrete Span	50'
Clear Span	50'
Clear Height	12'
Roadway Width	24'
Waterway	62.0'



SURVEYED BY FALL DATE MAY '75
 DRAWN BY TROMBLY DATE MAY '75
 TRACED BY ILMAN DATE MAY '75
 RIPTON
 PROJ. F.H. NO. 9-1 (1)
 SHEET 9 OF 57