

POOR ORIGINAL COPY

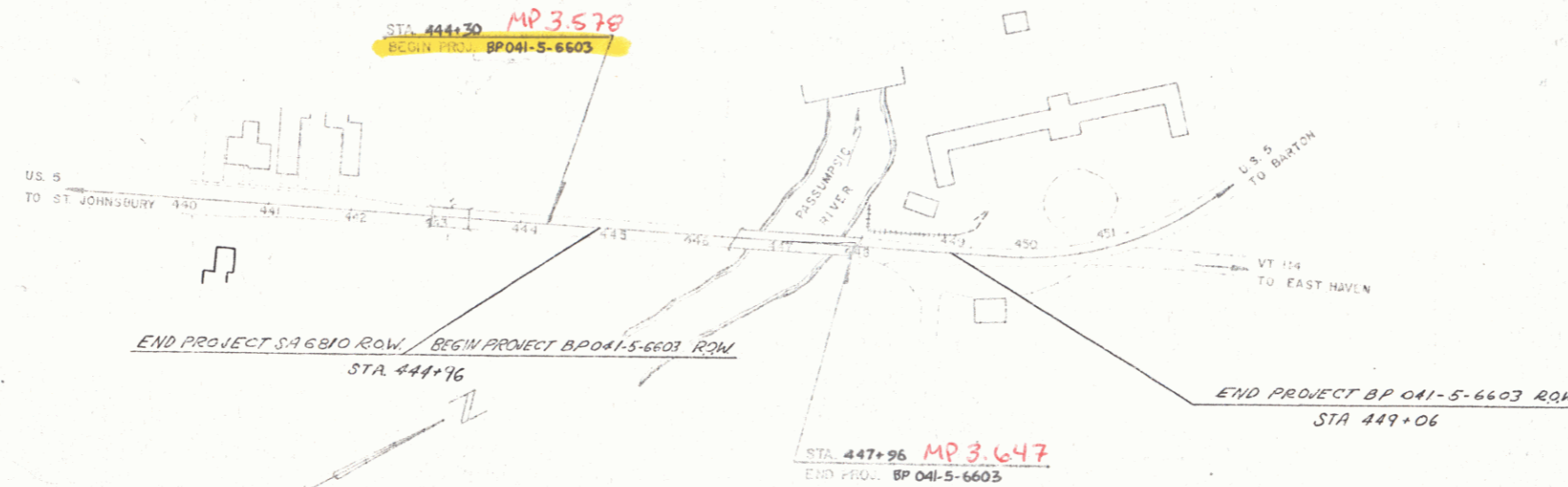
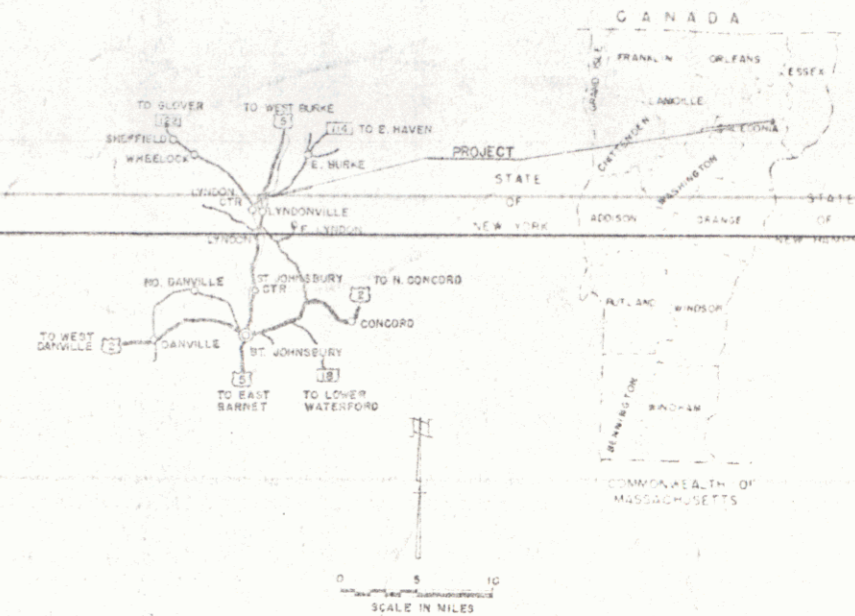
STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
PROPOSED IMPROVEMENT

TOWN OF LYNDON
COUNTY OF CALEDONIA
U.S. ROUTE 5 Pin# 99R240
ST. JOHNSBURY-NEWPORT RD.

BEGINNING AT A POINT APPROXIMATELY 670 FT. SOUTHWESTERLY OF THE
PRESENT INTERSECTION OF U.S. ROUTE 5 AND VT. 114 IN THE
TOWN OF LYNDON AND EXTENDING NORTHEASTERLY 366 FT.

BRIDGE TOTAL 1470 FT.
ROADWAY TOTAL 2190 FT.
PROJECT TOTAL 3660 FT.

ROW PLANS



CONVENTIONAL SIGNS

POINT OF ADDRESS	SR
LIMIT OF ADDRESS	SR
COUNTY LINE	
TOWN LINE	
FENCE LINE	
STONE WALL	
CARPENED PROPER	
STANDARD RAIL	
TRAVELLED WAY	
RAILROAD	
RETAINING WALL	
CENTER LINE	
SURVEY LINE	
CADASTRY	
DROP INLET	
TRAILER HOLE	
POWER POLE	
TELEPHONE POLE	
STREET	
RAILROAD CROSSING IDENTIFICATION NUMBER	

WIDE RIGHTS	SR
BRIDGE ELEVATION	MIN
GRADE ELEVATION	MIN
CURVE DATA	
DEFLECTION OF ANGLE	A
LENGTH OF CURVE	D
RADIUS OF CURVE	R
CHORD OF CURVE	C
EXTERNAL DISTANCE	E
POINT OF BEGINNING	PI
POINT OF CURVE	PC
POINT OF TANGENT	PT
POINT OF SUBTANGENT	POST

THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE
REQUIRE BY THE BUREAU OF PUBLIC ROADS OR THE COMMISSIONER
OF HIGHWAYS.
CONSTRUCTION SHALL BE IN ACCORDANCE WITH
THESE PLANS AND THE NATIONAL SPECIFICATIONS FOR HIGHWAY AND BRIDGE
CONSTRUCTION DATED JANUARY 1962, AS AMENDED BY THE BUREAU OF
PUBLIC ROADS AND THE STATE ROAD AND BRIDGE DEPARTMENT. ALL SUBSEQUENT
REVISIONS SHALL BE SHOWN BY SEPARATE NOTATIONS AND SPECIAL
PROVISIONS OF ARE INCORPORATED IN THESE PLANS.

DEPARTMENT OF TRANSPORTATION
BUREAU OF PUBLIC ROADS

APPROVED

DATE

PROJECT LYNDON BP 041-5-6603

1-6

APPROVED <i>[Signature]</i> DATE 7-6-68	APPROVED <i>[Signature]</i> DATE 7/4/68	APPROVED <i>[Signature]</i> DATE 8 Sept 68	APPROVED <i>[Signature]</i> DATE 7/5/68	APPROVED <i>[Signature]</i> DATE 9/9/68	APPROVED <i>[Signature]</i> DATE 7-9-68	APPROVED <i>[Signature]</i> DATE 9/9/68
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8	BRIDGES
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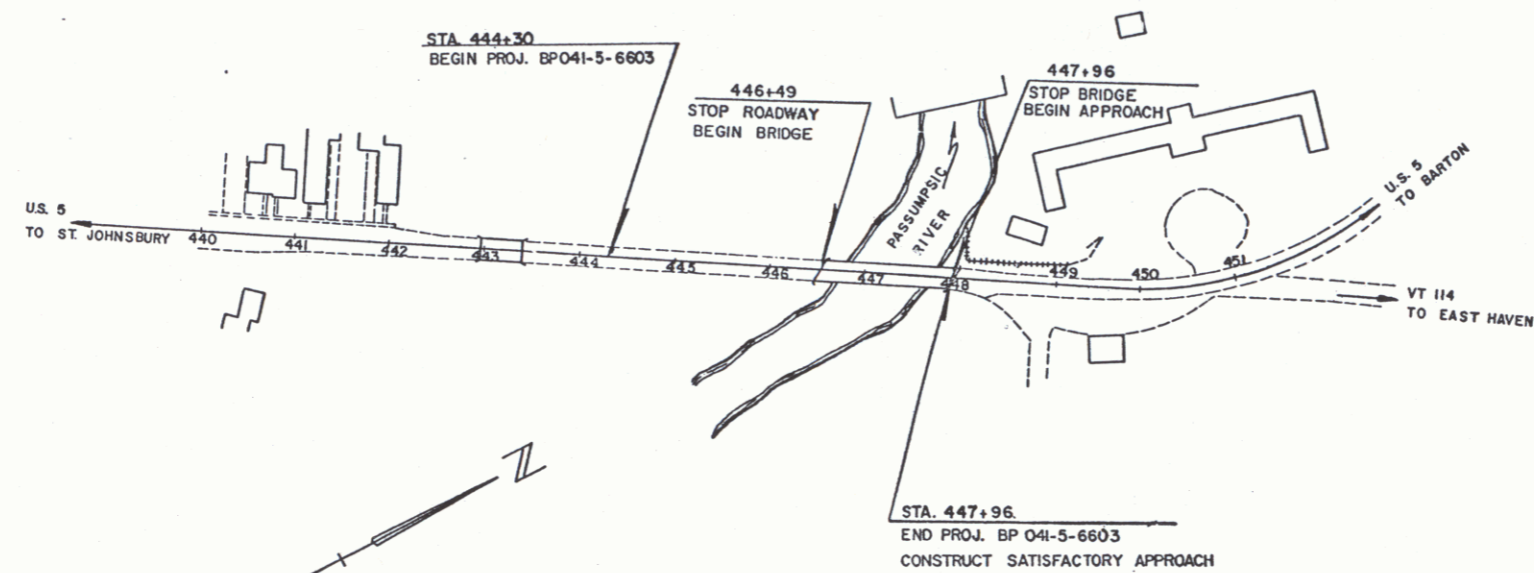
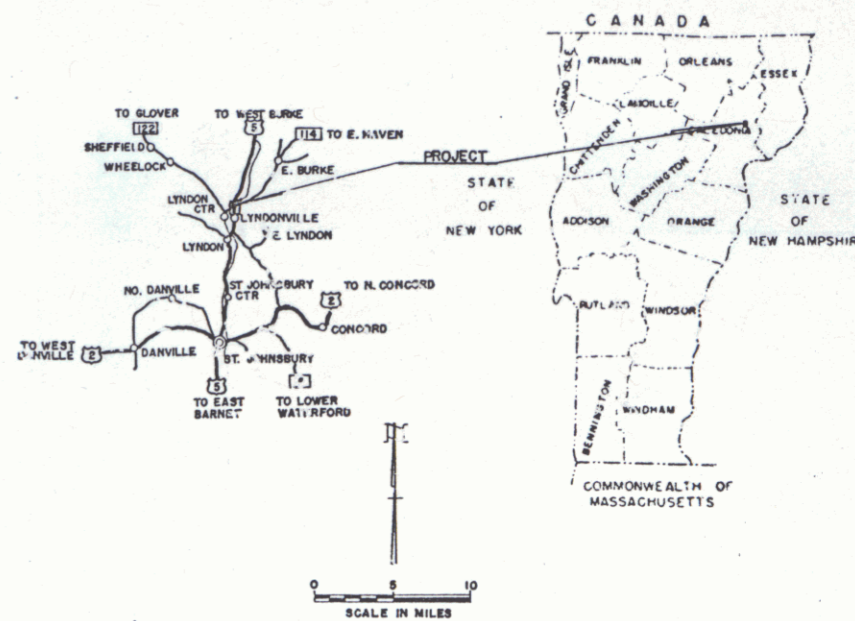
STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

TOWN OF LYNDON
COUNTY OF CALEDONIA
U.S. ROUTE 5
ST. JOHNSBURY-NEWPORT RD.

BEGINNING AT A POINT APPROXIMATELY 670 FT. SOUTHWESTERLY OF THE
PRESENT INTERSECTION OF U.S. ROUTE 5 AND VT. 114 IN THE
TOWN OF LYNDON AND EXTENDING NORTHEASTERLY 366 FT.

BRIDGE TOTAL 1470 FT. = .028 MI.
ROADWAY TOTAL 219.0 FT. = .041 MI.
PROJECT TOTAL 366.0 FT. = .069 MI.



CONVENTIONAL SIGNS

POINT OF ACCESS	---
LIMITS OF ACCESS	---
COUNTY LINE	---
TOWN LINE	---
FENCE LINE	---
STONE WALL	---
UNFENCED PROPERTY	---
GUARD RAIL	---
TRAVELED WAY	---
RAILROAD	---
RETA. WALL	---
CENT. ME	---
SURVEY LINE	---
CULVERT	---
DROP	---
TROL. POLE	---
TELE. POLE	---
FILES	---
WEDGE	---
PA CONSTRUCTION IDENTIFICATION SIGNS	---

SLOPE RIGHTS	SR
GROUND ELEVATION	---
GRADE ELEVATION	---
CURVE DATA	---
DEFLECTION OF ANGLE	A
DEGREE OF CURVE	D
RADIUS OF CURVE	R
TANGENT DISTANCE	T
LENGTH OF CURVE	L
EXTERNAL DISTANCE	E
POINT OF INTERSECTION	P.I.
POINT OF CURVE	P.C.
POINT OF TANGENT	P.T.
POINT ON TANGENT	P.O.T.
POINT ON SUB-TANGENT	P.O.S.T.
ROW LIMITS	---

FOR RIGHT OF WAY DETAILS,
SEE RIGHT OF WAY PLANS FOR THIS PROJECT.

MP 3.70
RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
Town of U.S.
(To Be Returned To R.O.W. Division)

THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE
REQUIRED BY THE BUREAU OF PUBLIC ROADS OR THE COMMISSIONER
OF HIGHWAYS.
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH
THESE PLANS AND THE STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE
CONSTRUCTION DATED APRIL 1964, AS APPROVED BY THE BUREAU OF
PUBLIC ROADS ON OCTOBER 12, 1964, INCLUDING ALL SUBSEQUENT
APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL
PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

DEPARTMENT OF TRANSPORTATION
BUREAU OF PUBLIC ROADS
APPROVED
DIVISION ENGINEER DATE

APPROVED DISTRICT ENGINEER	APPROVED CONSTRUCTION ENGINEER	APPROVED BRIDGE ENGINEER	APPROVED HIGHWAY ENGINEER	APPROVED ASSISTANT ENGINEER	APPROVED CHIEF ENGINEER	PROJECT LYNDON NO. BP 041-5-6603
DATE	DATE	DATE	DATE	DATE	DATE	SHEET 1 OF 39 SHEETS

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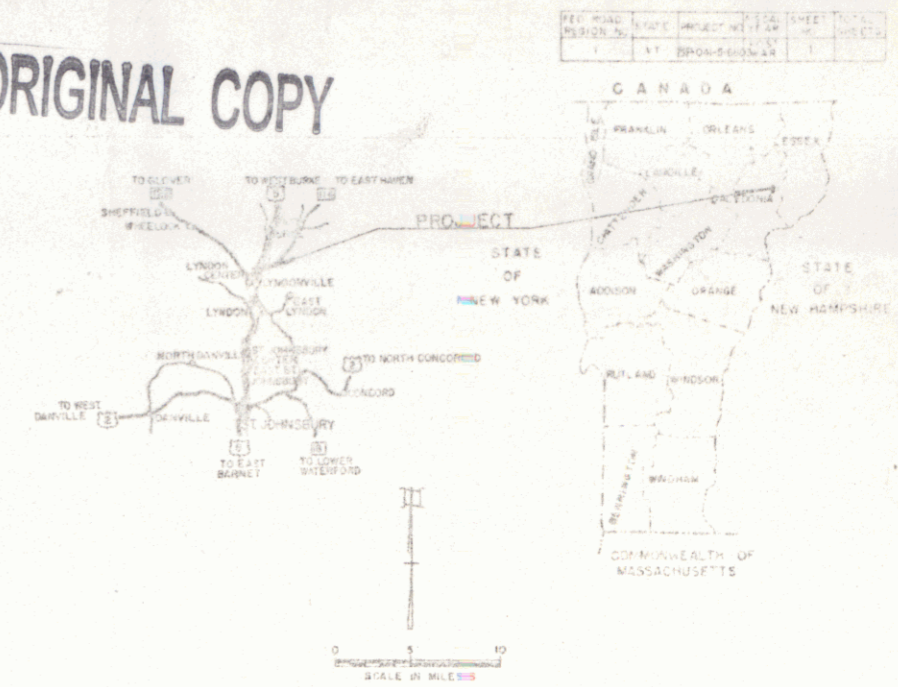
SHEET NO.	DESCRIPTION
1.	Title Page
2-3.	Typical Sections
4.	Line Quantities & Drainage Sheet
5.	Earthwork Sheet
6.	P.S.C. Detail Sheet
7-8.	Plan & Profile Sheet
9.	20 Scale Detail of Intersection
10.	Stake
11.	A-61, Delta Rock Excavation
12.	S-1, Backing Tables
13.	C-1, Cuto and Slope Edging
14.	D-3, Drop Inlets
15.	S-10, Drop Inlet Tops
16.	C-11, Cast Iron Spaced
17.	S-13, Catch Basins or Manholes
18.	S-1, Barricades, Signs and Lights
19.	S-1, Project & Boundary Markers
20.	Stake
21-26.	Cross Sections

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
PROPOSED IMPROVEMENT

TOWN OF LYNDON
COUNTY OF CALEDONIA
U.S. ROUTE 5
ST. JOHNSBURY-NEWPORT RD.

A REDESIGN OF THE PRESENT
INTERSECTION OF ROUTES U.S. 5 & VT. 114
LENGTH OF PROJECT 750.00 FEET - 0.142 MILES

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CONVENTIONAL SIGNS

COUNTY LINE	---
TOWN LINE	---
FENCE LINE	---
STONE WALL	---
UNFENCED PROPERTY	---
GUARD RAIL	---
TRAVELED WAY	---
RAILROAD	---
RETAINING WALL	---
CENTER LINE	---
SURVEY LINE	---
CULVERT	---
DROP INLET	---
TROLLEY POLE	---
POWER POLE	---
TELEPHONE POLE	---
TREES	---
WEDGE	---

CURVE DATA

DEFLECTION OF ANGLE	Δ
DEGREE OF CURVE	D
RADIUS OF CURVE	R
TANGENT DISTANCE	T
LENGTH OF CURVE	L
EXTERNAL DISTANCE	E
POINT OF INTERSECTION	P.I.
POINT OF CURVE	P.C.
POINT OF TANGENT	P.T.
POINT ON TANGENT	P.O.T.
POINT ON SUB-TANGENT	P.O.S.T.



THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE
REQUIRED BY THE COMMISSIONER OF PUBLIC ROADS OR THE COMMISSIONER
OF HIGHWAYS.

CONSTRUCTION IS TO BE CARRIED OUT IN ACCORDANCE WITH THE
PLANS AND THE STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE
CONSTRUCTION, LATEST EDITION, AS APPROVED BY THE BUREAU OF
PUBLIC ROADS AND HIGHWAYS, VERMONT. ALL SUBSEQUENT
APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL
PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

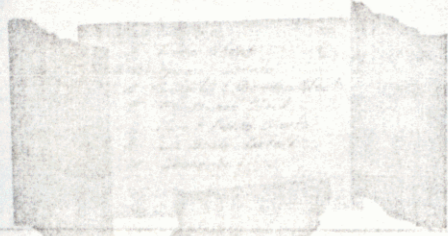
APPROVED: _____ DATE: _____

PROJECT: BP NO. 041-5-6603

SHEET 18 OF 25 SHEETS

APPROVED: _____ DATE: 11/10/50	APPROVED: _____ DATE: 11/10/50	APPROVED: _____ DATE: 11/10/50	APPROVED: _____ DATE: 11/10/50
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INDEX OF SHEETS



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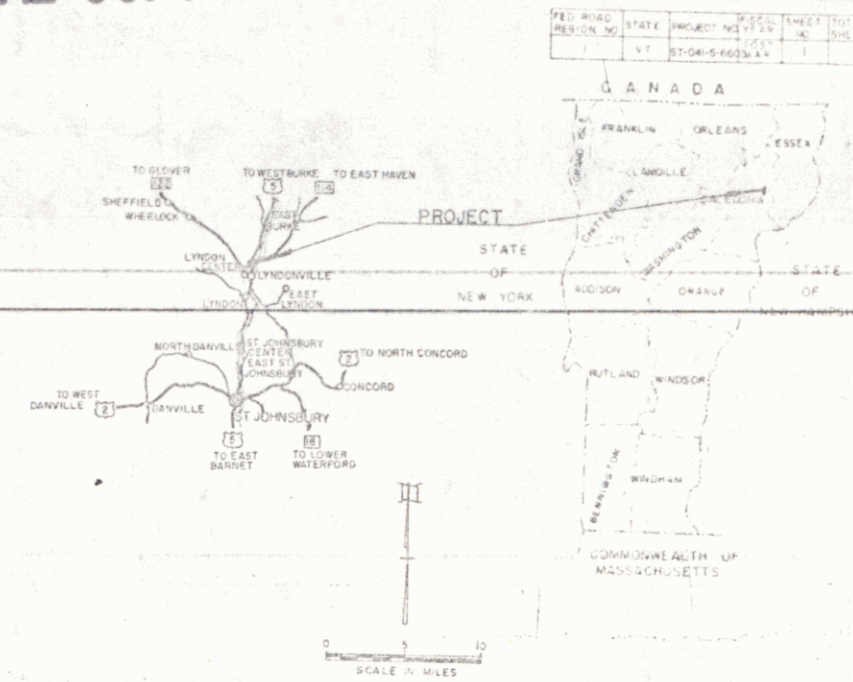
STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
PROPOSED IMPROVEMENT

TOWN OF LYNDON
COUNTY OF CALEDONIA
U.S. ROUTE 5
ST. JOHNSBURY-NEWPORT RD.

A REDESIGN OF THE PRESENT
INTERSECTION OF ROUTES U.S. 5 & VT. 114

LENGTH OF PROJECT 750.00 FEET = 0.142 MILES

ROW PLANS



CONVENTIONAL SIGNS

- COUNTY LINE
- TOWN LINE
- FENCE LINE
- STONE WALL
- UNFENCED PROPERTY
- GUARD RAIL
- TRAVELED WAY
- RAILROAD
- RETAINING WALL
- CENTER LINE
- SURVEY LINE
- CULVERT
- DROP INLET
- TRAILER HOLE
- TRUCK HOLE
- TELEPHONE POLE
- FRESH
- WATER

- GROUND ELEVATION DATUM
- GRADE ELEVATION DATUM
- CURVE DATA
- DEFLECTION OF ANGLE A
- DEGREE OF CURVE D
- RADIUS OF CURVE R
- TANGENT DISTANCE T
- LENGTH OF CURVE L
- EXTERNAL DISTANCE E
- POINT OF INTERSECTION PI
- POINT IN CURVE PC
- POINT OF TANGENT PT
- POINT ON TANGENT POT
- POINT ON SUB-TANGENT POST



THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED BY THE BUREAU OF PUBLIC ROADS OR THE COMMISSIONER OF HIGHWAYS.

DEPARTMENT OF CONSTRUCTION
BUREAU OF PUBLIC ROADS

APPROVED <i>[Signature]</i> DATE 3/2/66	DESIGNED <i>[Signature]</i> DATE 3/2/66	CHECKED <i>[Signature]</i> DATE Sept 20, 1966	CONTRACT <i>[Signature]</i> DATE 8/10/66	ENGINEER <i>[Signature]</i> DATE 8/10/66	PROJECT <i>[Signature]</i> DATE 8/10/66
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REMOVAL AND DISPOSAL OF PREVIOUS
GUARD RAIL, ITEM 549
445+00 - 445+25 @
445+25 - 446+50 @
446+50 - 447+25 @
447+25 - 448+00 @
448+00 - 448+25 @

VERTICAL GRANITE CURB, ITEM 556-B
445+00 - 446+36 @

CONSTRUCT DRIVE
445+50 LT

BITUMINOUS CONCRETE
SIDEWALK, ITEM 562
445+00 - 446+36 @

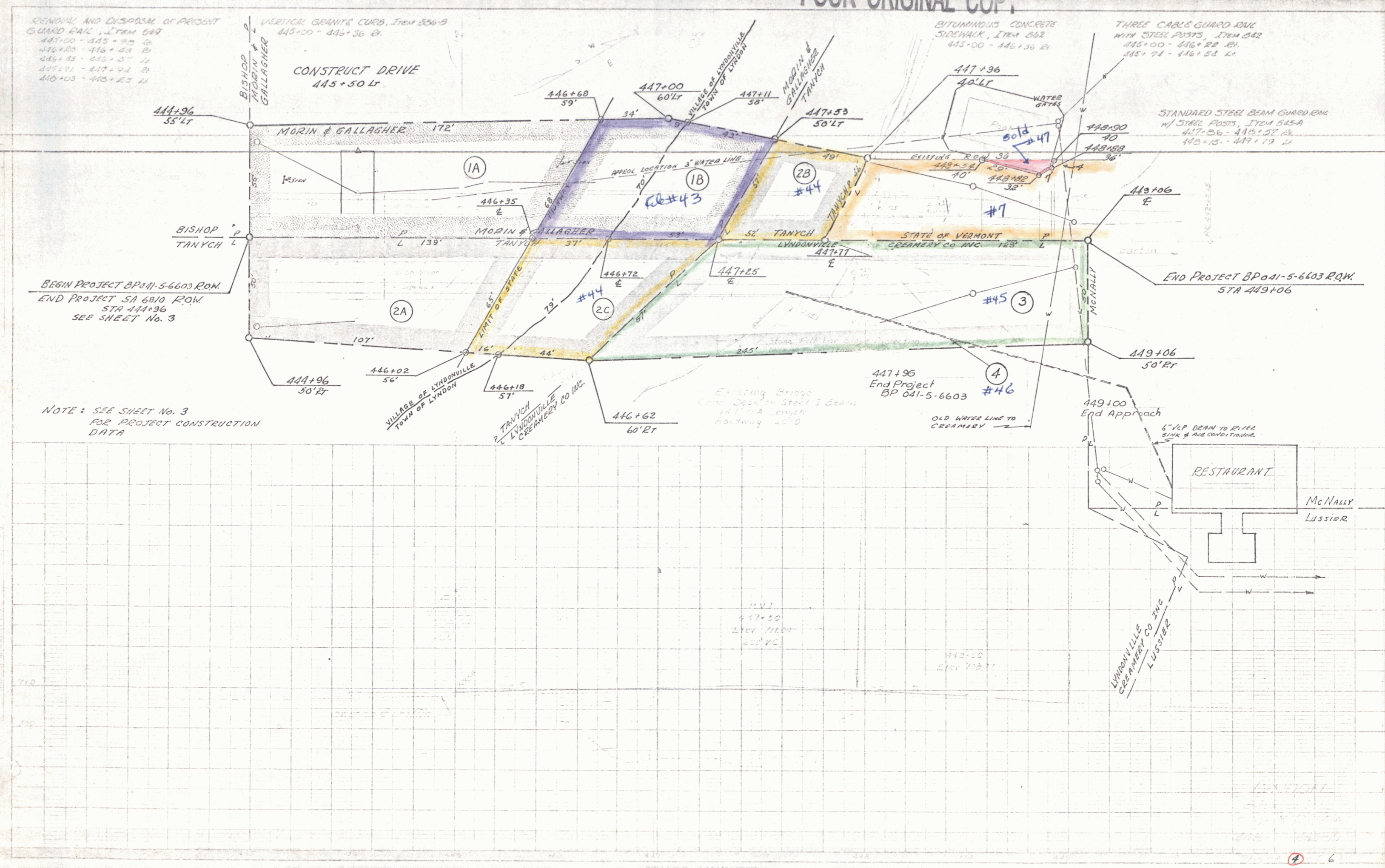
THREE CABLE GUARD RAIL
WITH STEEL POSTS, ITEM 542
445+00 - 446+22 @
445+71 - 446+51 @

STANDARD STEEL BEAM GUARD RAIL
W/ STEEL POSTS, ITEM 545-A
447+56 - 448+57 @
448+15 - 449+19 @

BEGIN PROJECT BP 041-5-6603 R.O.W.
END PROJECT SA 6810 R.O.W.
STA 444+96
SEE SHEET No. 3

END PROJECT BP 041-5-6603 R.O.W.
STA 449+06

NOTE: SEE SHEET No. 3
FOR PROJECT CONSTRUCTION
DATA



PLAN

PROFILE

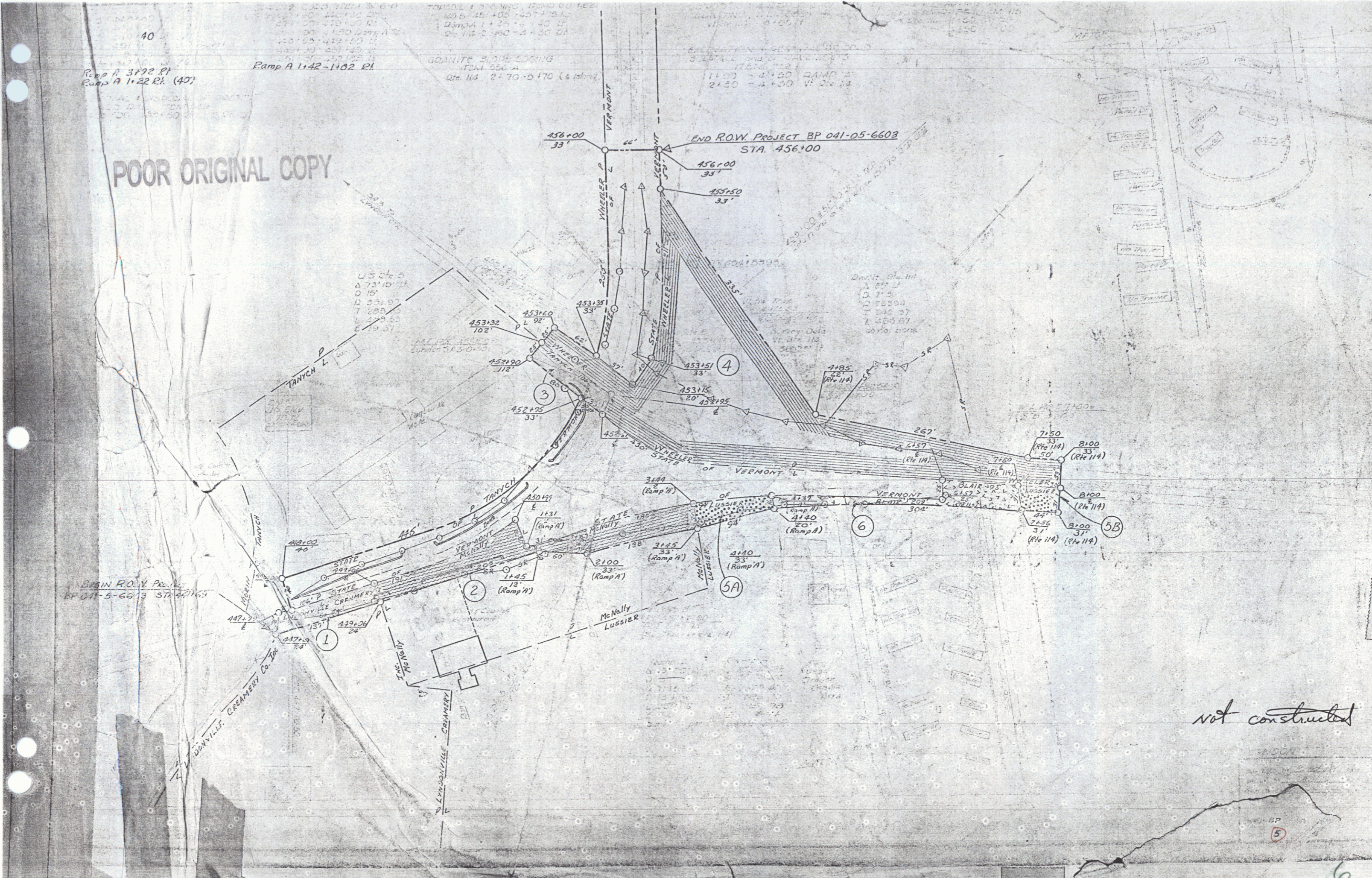
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Ramp B 3+92 RL
Ramp A 1+22 RL (40)

Ramp A 1+42-1+62 RL

GRANITE STATE BRIDGE

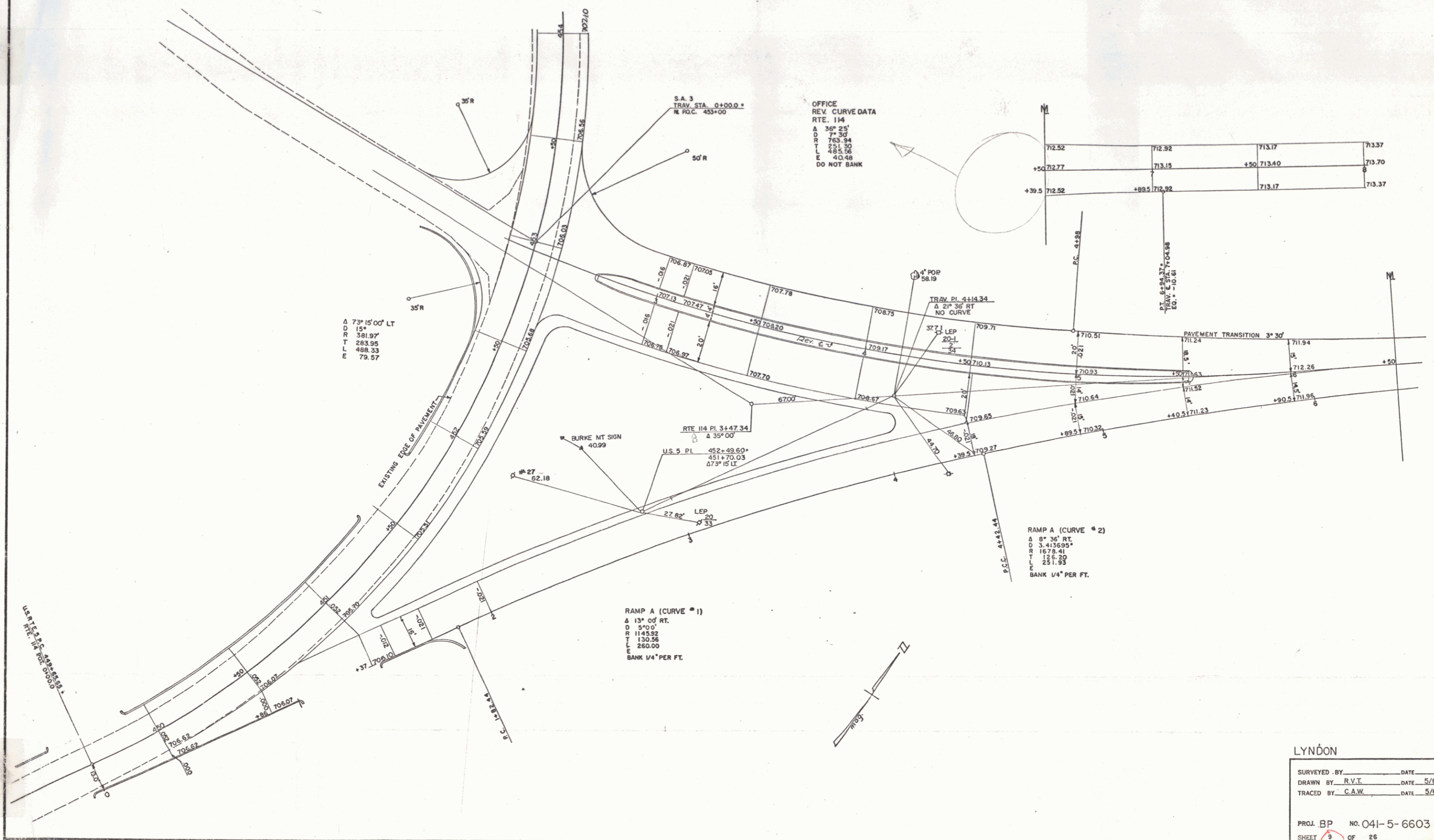
END ROWY PROJECT BP 041-05-6603
STA. 456+00



not constructed

5

6



A 73° 15' 00" LT
 D 154'
 R 381.97'
 T 283.95'
 L 488.33'
 E 79.57'

RAMP A (CURVE # 1)
 Δ 13° 00' RT.
 D 340.0'
 R 1145.92'
 T 130.56'
 L 250.00'
 E BANK 1/4" PER FT.

RAMP A (CURVE # 2)
 Δ 8° 36' RT.
 D 3413.695'
 R 1678.41'
 T 126.20'
 L 251.93'
 E BANK 1/4" PER FT.

OFFICE
 REV. CURVE DATA
 RTE. 114
 Δ 36° 25'
 D 77.30'
 R 763.94'
 T 231.30'
 L 485.56'
 E 40.48'
 DO NOT BANK

LYNDON	
SURVEYED BY _____	DATE _____
DRAWN BY R.V.T.	DATE 5/56
TRACED BY C.A.W.	DATE 5/66
PROJ. BP NO. 041-5-6603	
SHEET 9	OF 26

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