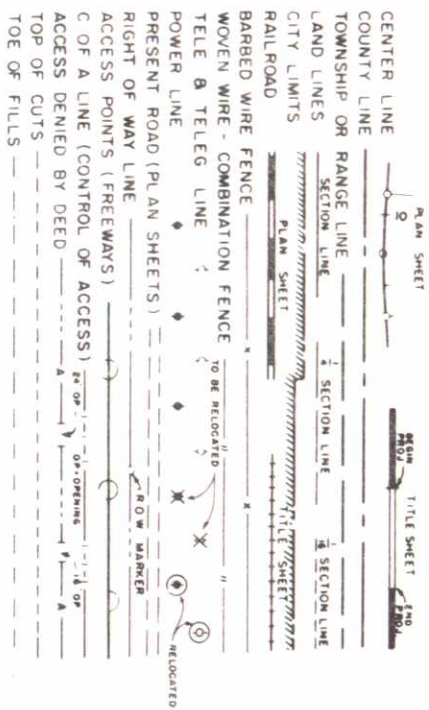


CONVENTIONAL SIGNS



THE STATE DEPARTMENT OF HIGHWAYS
DIVISION OF HIGHWAYS - STATE OF COLORADO

PLAN AND PROFILE OF PROPOSED
FEDERAL AID PROJECT NO. RF 036-1(18)
STATE HIGHWAY NO. 36
BOULDER COUNTY

ON PLAN, 1 IN. = 50 FT.
CONTRACTOR: WYOMING CONSTRUCTION CO.
RESIDENT ENGINEER: KEN MAURO
PROJECT ENGINEER: JIM HUTCHINSON
PROJECT STARTED: JAN. 11, 1972
PROJECT COMPLETED: APRIL 13, 1972

SHEET NO.

INDEX OF SHEETS

1. SKETCH MAP, TITLE PAGE AND TABULATION OF LENGTH.
2. SUMMARY OF APPROXIMATE QUANTITIES, STRUCTURE QUANTITIES AND GENERAL NOTES.
- 3-6. PLAN & PROFILE SHEETS.
- 7-8. STRUCTURE CROSS SECTIONS.
- 9-14. DETOUR, CR. & T. SHEETS.

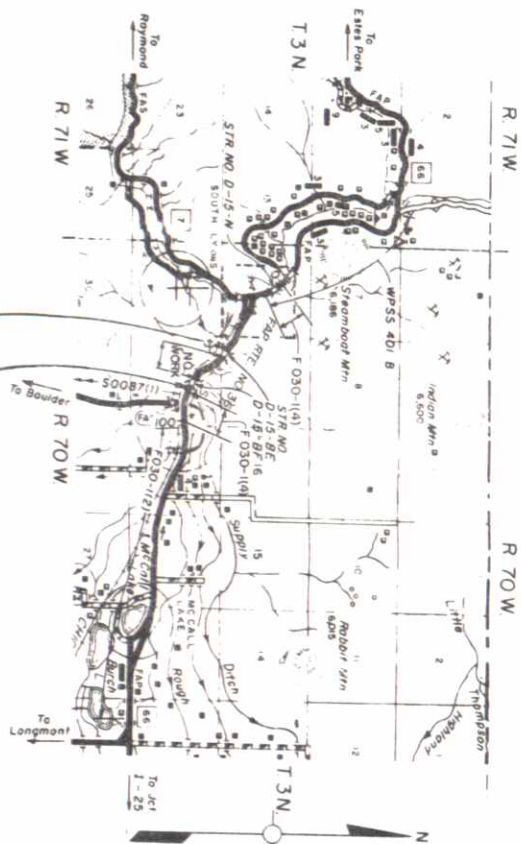
DITCH TYPES	EXCAVATION AND BACKFILL FOR STRUCTURES	LETTERS AND FIGURES FOR STRUCTURE NUMBERS	SINGLE AND DOUBLE CONCRETE BOX CULVERTS	TRIPLE CONCRETE BOX CULVERT	WINGWALLS FOR CONCRETE BOX CULVERTS - 4:1 SIDE SLOPES	WIRE FENCES AND GATES	TIMBER BARRICADES	STANDARD CONSTRUCTION IDENTIFICATION SIGNS	TRAFFIC SIGNING FOR HIGHWAY CONSTRUCTION
M-203-C	M-206-AA	M-500-A	M-601-A	M-601-B	M-601-C	M-607-A	M-614-A	M-614-B	M-614-TC
(7-23-68)	(3-1-71)	(7-1-65)	(5-10-71)	(5-10-71)	(10-25-68)	(2 SHEETS)	(8-19-71)	(4-23-69)	(2 SHEETS)
									(9-25-70)
									(11-22-71)

"As Constructed no provisions"
Sheet no. 6

TABULATION OF LENGTH

STATION	MAJOR STRUCTURES SECTION LIN. FT.	NO WORK SECTION LIN. FT.
48+77.7 Begin RF 036-1(18)		
49+02.3 Structure No. D-15-BE	24.6	2,274.7
71+77.0		
72+16.9 End RF 036-1(18)	39.9	
TOTAL		
	64.5	2,274.7
SUMMARY		
Major Structures (Net Length)	64.5	0.012
No Work Section	2,274.7	0.431
Total (Gross Length)	2,339.2	0.443

1991 DESIGN TRAFFIC VOLUME { 8900 ADT
1385 DHV



PRELIMINARY ENGINEERING, R.O.W.
B. UTILITIES OBLIGATED UNDER
PROJECT NO. F 030-1(3)

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.
9	COLORADO	RF 036-1(18)	1/14

4-13-72

SEE SPECIAL PROVISIONS FOR
NOTICE TO BIDDERS

DIVISION OF HIGHWAYS

APPROVED
Chief Engineer
DATE 12-1-71

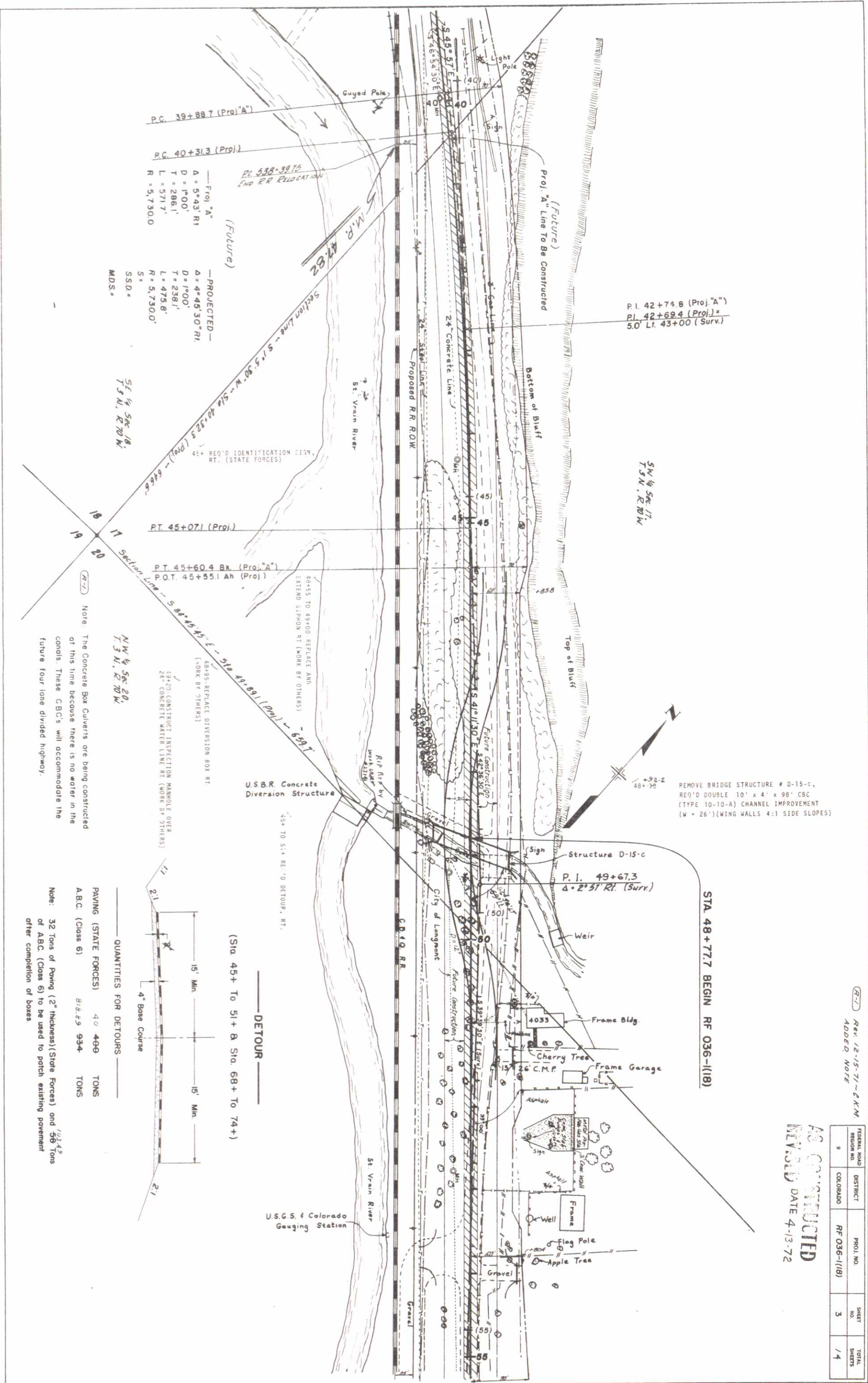
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
BUREAU OF PUBLIC ROADS
APPROVED
DATE

DIVISION ENGINEER

DIVISION OF HIGHWAYS
STATE OF COLORADO
AS CONSTRUCTED PLANS
FINAL APPROVAL
DATE 4/29/72
DISTRICT CONSTRUCTION ENGINEER DITZ

SCALE OF MILES
0 1/2 1

C K M



AS CONSTRUCTED
REVISED DATE 4-13-12

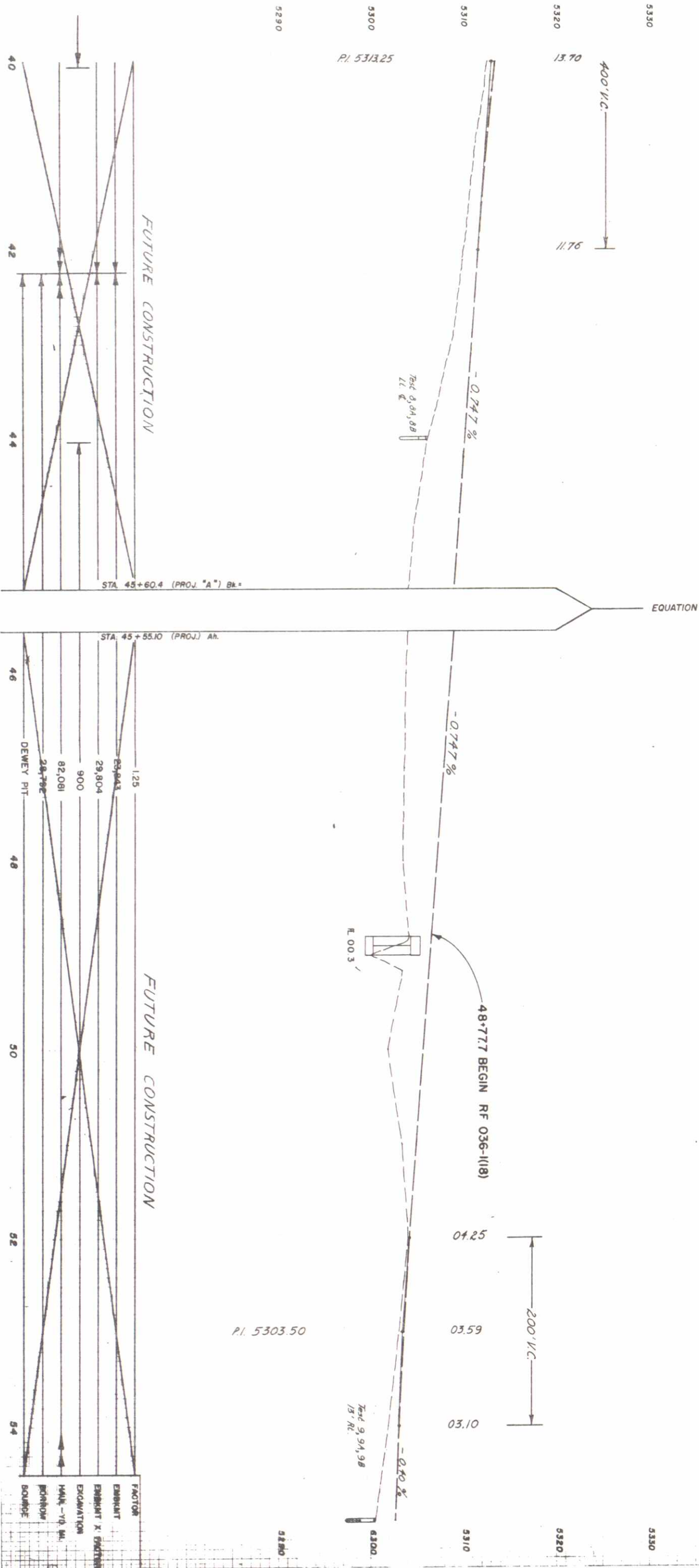
RF 036-1(18)

4/14

Test No. 7A to A-1-b(0)	Test No. 7B to A-2-4(0)
LL = 22	LL = 19
P1 = 4	P1 = 2
%-200 = 19	%-200 = 29
40' = 75	40' = 69

TEST 8 - Asph. Mat.
TEST 8A - A-1-b(0)
Similar to 7A
R = 75
TEST 8B - A-2-4(0)
Similar to 7B
R = 69

Test 9 to Asph. Mat.
Test 9A to A-1-b(0)
Similar to 7A
R = 75
Test 9B to A-2-4(0)
Similar to 7B
R = 69



—D.O.P.—

$\Delta = 11^{\circ}22' \text{ L.}$
 $D = 1^{\circ}30'$
 $T = 360.1'$
 $L = 757.8'$
 $R = 3,820.0'$
 $S = 0.015'$
 $S.S.D. > 900'$
 $M.D.S. = 35 \text{ MPH}$

—PROJ.—

$\theta = 21^{\circ}00'$
 $L_s = 1,200.0'$
 $L.T. = 805.7'$
 $ST = 405.2'$

71+80 TO 72+20-REPLACE AND EXTEND SIPHON
(WORK BY OTHERS)

STA. 72+16.9 END RF 036-1(18)

T.S. 75+20.8 (Proj.)

P.C. 76+62.2 (D.O.P.)

429
69+35 TO 73+65 REMOVE 600 LIN. FT. FENCE.
~~BUILD 195 LIN. FT. FENCE.~~

Bottom of Bluff

Tunnel Entrance

Ditch Rider Road
D.O.R. To Be Constructed

$$\frac{P.I. \ 82 + 97.6}{4} = 13^{\circ}00' \text{ Lt. (Surk)}$$

Measuring Wier

30" x 24' C. S. P. Side Drain

S.T. 70+77.4 (Prop.)

68 + 10 74 + - REQ'D DETOUR RT.

NW 1/4 Sec 20,
T 3 N, R 70 W

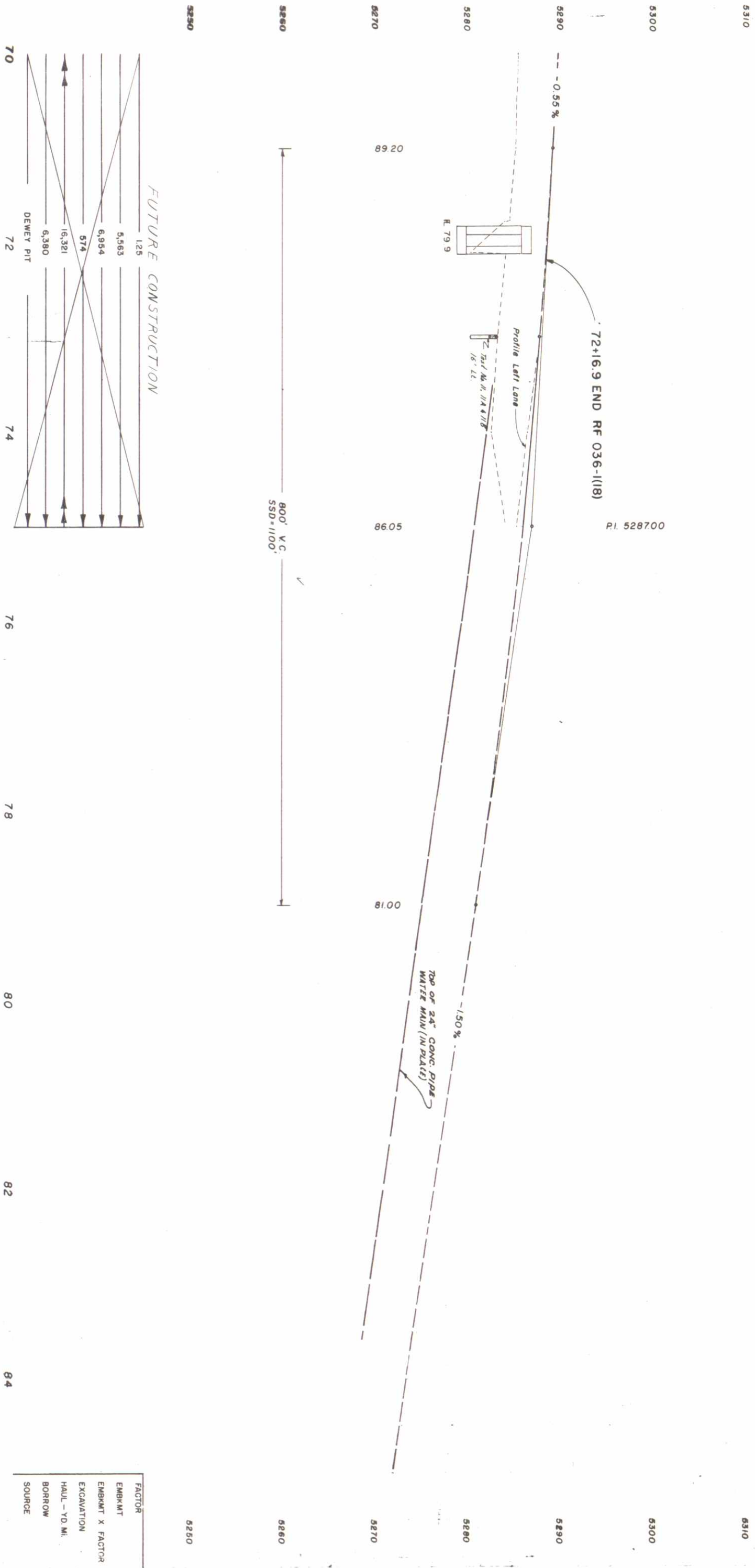
B.M. No. 9 in Elev 5287.14
Nail in TP 40' Lt Slo 72°
(Surr)

BM No 8 - Elev 5278.83
Nail in PP 100' RI Sta 77+20
(Surv)

BM No 7 - Elev 5273.32
Nail in PP 60' R/L S/O
81+00 (Surv)

NE $\frac{1}{4}$ Sec. 20,
T. 3 N. R. 70 W.

Test 11 on Asph. Mat.	
Test 11A on A-1-b(0)	7A
Similar to	R = 75
Test 11B on A-2-4(0)	7B
Similar to	R = 69
Test 11a 7A-A-1-b(0)	Test 11b 7B-A-2-4(0)
LL = 22	LL = 19
P1 = 4	P1 = 2
%200+19	%200+29
GR = 75	GR = 49



28319