



DIST. IV	FILE	COPY
DIST. ENGR.		
ASST. ENGR.		
CONSTR.		
PRE-CONSTR.		
ERA		
UTIL		
DESIGN		
ROW		
MATLS		
EEO		
RE-PES		
MAINT.		
TRAFFIC		

Kessnick
Uoak

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

PLAN AND PROFILE OF PROPOSED AS CONSTRUCTED FEDERAL AID PROJECT NO. FR 006-3(1) STATE HIGHWAY NO. 6 LOGAN COUNTY

ON PLAN, 1 IN. = 100 FT.
ON PROFILE, 1 IN. = 100 FT. HORIZONTAL
1 IN. = 10 FT. VERTICAL
GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD

**AS CONSTRUCTED PLANS
RETURN TO DIST. 4 DESIGN**

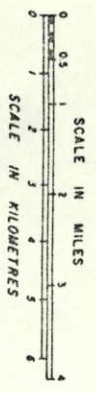
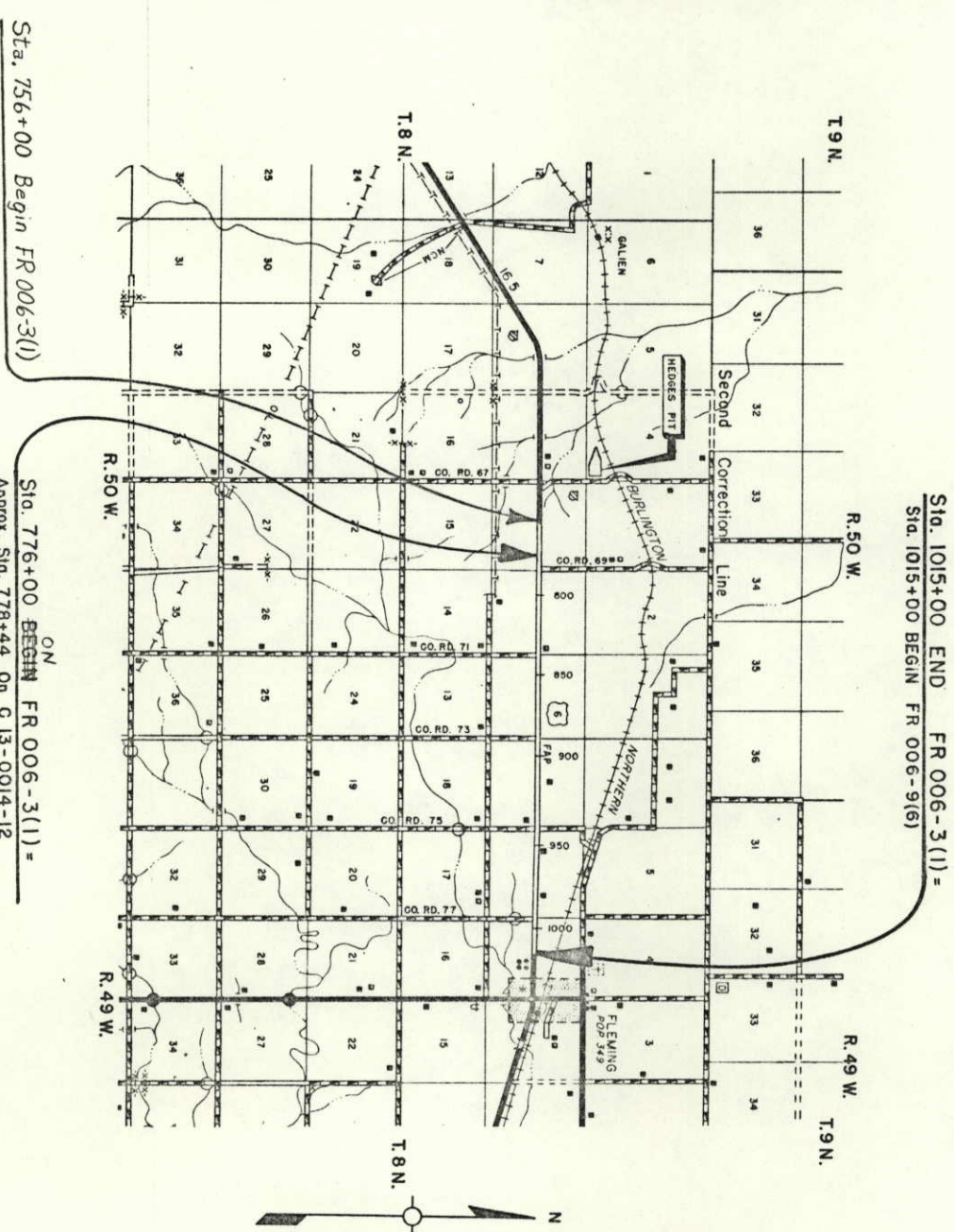
TABULATION OF LENGTH & DESIGN DATA

STATION	ROADWAY	LIN. FT.
756+00 Begin FR 006-3(1)		25,900.0
776+00 BEGIN FR 006-3(1) = Approx. Sta. 778+44 On C 13-0014-12		25,900.0
1015+00 END FR 006-3(1) = 1015+00 BEGIN FR 006-9(6)		25,900.0
SUMMARY	LIN. FT.	MILES
ROADWAY (NET & GROSS LENGTH)	25,900.0	4.905

DESIGN DATA

MAXIMUM DEGREE OF CURVE	TANGENT
MAXIMUM GRADE	1.5 %
MINIMUM S.S.D. - HORIZONTAL	N/A
MINIMUM S.S.D. - VERTICAL	825'
MAXIMUM DESIGN SPEED	60 MPH.

DESIGN TRAFFIC VOLUME [2250 A.D.T.
270 D.H.V.]



FEDERAL ROAD DISTRICT NO.	DIVISION	PROJECT NO.	SHEET NO.
XIII	COLORADO	FR 006-3(1)	1

AS CONSTRUCTED

NO REVISIONS REVISED JUN 80 VOID

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE PAGE, SKETCH MAP AND TABULATION OF LENGTH AND DESIGN DATA
2	TYPICAL SECTION, GENERAL NOTES, SEEDING AND MULCHING NOTES AND PLAN OF ACCELERATION/DECELERATION LANES
3 - 4	SUMMARY OF APPROXIMATE QUANTITIES
5 - 6	STRUCTURE QUANTITIES
7	TABULATION OF DELINEATORS, SCHEDULE OF CONSTRUCTION TRAFFIC SIGNS AND SUMMARY OF EARTHWORK QUANTITIES
8	DETAILS OF TRENCH RESTABILIZATION, TYPICAL DIKE SECTION AND B7SE COURSE AND SURFACE COURSE PLAN
9	PIT SKETCH
10 - 18	PLAN AND PROFILE SHEETS

Borrow Cross Sections

M STANDARDS

M-100-A	STANDARD SYMBOLS	5-11-73
M-203-B	APPROACH ROADS, FLARING, CUT SLOPE TREATMENT, BRIDGE AND CREST WIDENING	12-11-72
M-203-C	DITCH TYPES	7-23-68
M-206-AB	EXCAVATION AND BACKFILL FOR STRUCTURES	4-30-79
M-603-CA	CONCRETE AND METAL END SECTIONS	8-29-77
M-603-BA	METAL CULVERT PIPE - H-20 LOADING	11-3-78
M-707-CB	TYPICAL ALTERNATE COUPLING BANDS FOR CORRUGATED CULVERT PIPE	11-3-78

S STANDARDS

S-612-1A	TYPICAL DELINEATOR INSTALLATIONS (4 SHEETS)	10-28-77
S-614-39A	TRAFFIC SIGNING FOR HIGHWAY CONSTRUCTION (4 SHEETS)	5-8-78
S-614-52B	BARRICADES, DRUMS, CONCRETE BARRIER (TEMP) AND VERTICAL PANELS	1-10-79

Sheets with no Revisions, 13 & 18

DIVISION OF HIGHWAYS

APPROVED: *R. C. [Signature]* 7-3-79
Asst. Chief Engineer

AS CONSTRUCTED INFORMATION

CONTRACTOR *Sterling Paving Company*
Resident Engineer *L. Van Kalkeren*
(Project or Resident)

PROJECT STARTED 7 AUG 79

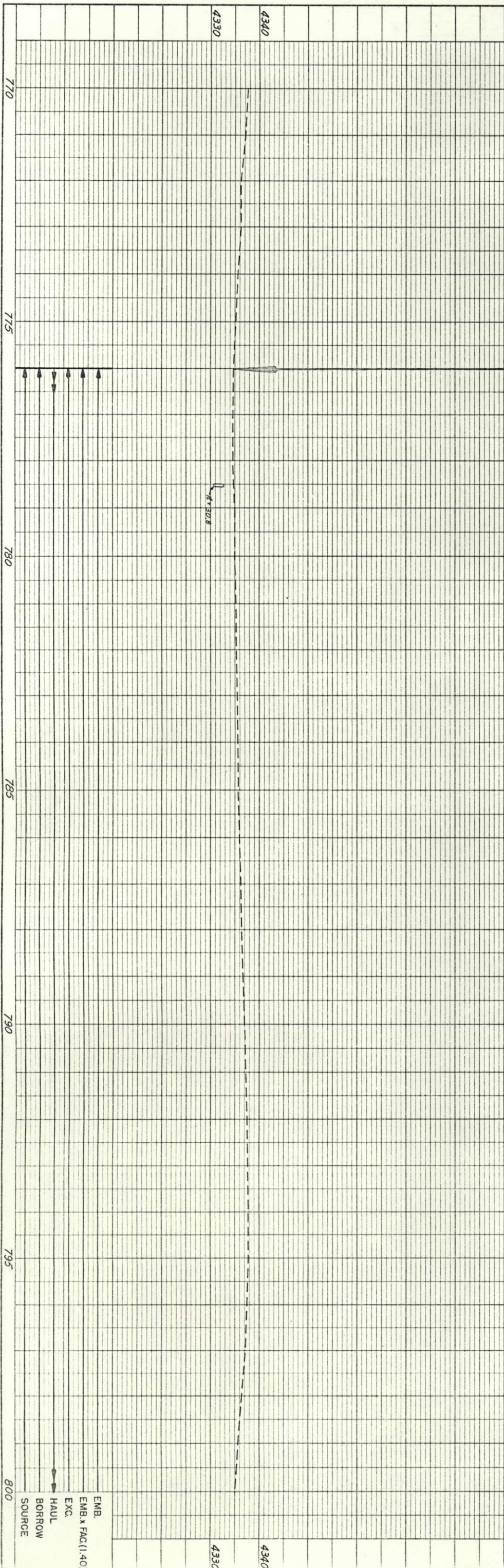
PROJECT COMPLETED 11 JUN 80

AS CONSTRUCTED PLANS APPROVED *[Signature]*
Dist. Constr. Engr. DATE 8/23/80

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
No.	GRADES CHECKED		
	R. & X. NOTED		
	STRUCTURE NOTATIONS CHECKED		

33082
33083

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
No. 33082	ALIGNMENT CHECKED		
	PT. OF WAY CHECKED		



Sta 756+00 BEGIN PROJECT
FR 006-3 (i)

UTILITIES
 HIGHLINE ELECTRIC ASSOCIATION
 MOUNTAIN BELL TELEPHONE
 CONFIDENTIAL TELEPHONE COMPANY

776+00 ON
 STA. 776+00 BEGIN FR 006-3(i)
 APPROX. 778+44 C13-0014-12

SE 1/4 Sec 10
 T8N. R.50W

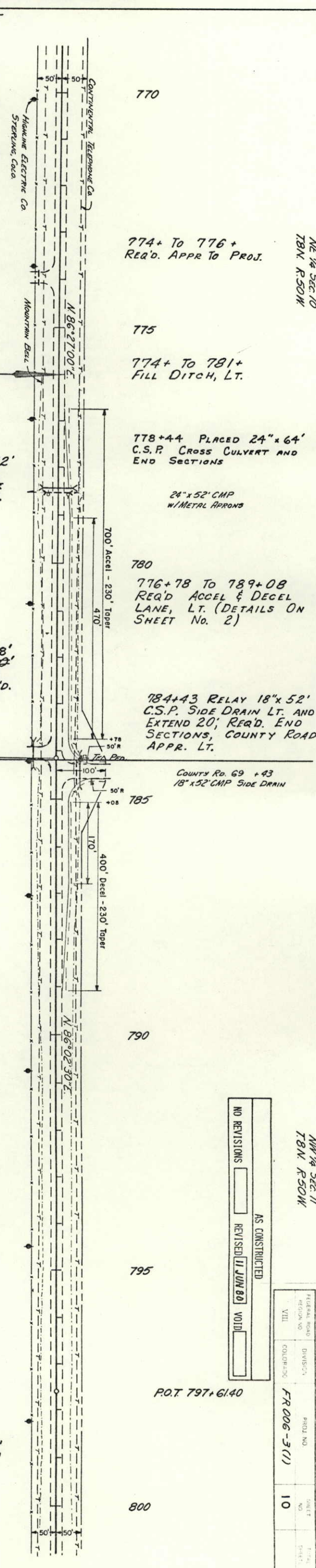
FIELD APPR +97
 18" x 32' C.M.P.
 SIDE DRAIN

778+54 ~~RELAY~~ 24"x52'
 C.S.P. CROSS CULVERT
 AND ~~EXTEND 18'~~ REQ'D.
 END SECTIONS C.B.C.

784+05 RELAY 18"x30'
 C.S.P. SIDE DRAIN RT.
 AND ~~EXTEND 18'~~ REQ'D.
 END SECTIONS AND
 FIELD APPR, RT.

FIELD APPR +05
 18" x 30' C.M.P. SIDE DRAIN
 P.I. 784+1540
 Sec. 10
 Sec. 11: $\Delta = 0'2430' LT.$

SW 1/4 Sec 11
 T8N. R.50W



774+ To 776+
 REQ'D. APPR TO PROJ.

774+ To 781+
 FILL DITCH, LT.

778+44 PLACED 24" x 64'
 C.S.P. CROSS CULVERT AND
 END SECTIONS

776+78 TO 789+08
 REQ'D ACCEL & DECEL
 LANE, LT. (DETAILS ON
 SHEET No. 2)

784+43 RELAY 18" x 52'
 C.S.P. SIDE DRAIN LT. AND
 EXTEND 20'; REQ'D. END
 SECTIONS, COUNTY ROAD
 APPR. LT.

COUNTY RD. 69 +43
 18" x 52' C.M.P. SIDE DRAIN

NO REVISIONS AS CONSTRUCTED
 REVISED JUN 80
 VOID

P.O.T. 797+61.40

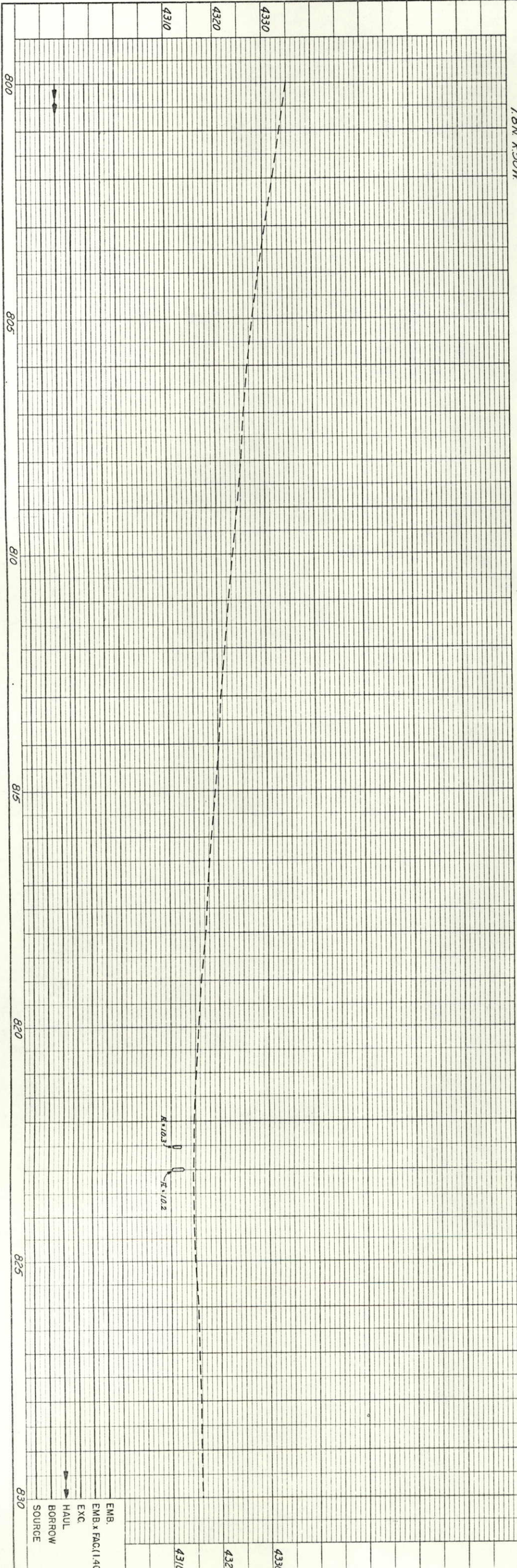
NW 1/4 Sec 11
 T8N. R.50W

FEDERAL ROAD DISTRICT NO. VIII	DIVISION	PROJECT NO. FR 006-3(i)	SHEET NO. 10
COLORADO			

EMB.
 EMB. x FAC(1.40)
 EXC.
 HAUL
 BORROW
 SOURCE

PROFILE	SURVEYED	BY
	PLOTTED	
	GRADES CHECKED	
	S. M.'S NOTED	
NOTE BOOK	STRUCTURE NOTATIONS CHECKED	
No.		

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		
37082	NOTE BOOK No. 37082		
37083			



SW 1/4 Sec 11
T8N R50W

SE 1/4 Sec 11
T8N R50W

810+68 RELAY 18" x 35' ~~30'~~ C.S.P. SIDE DRAIN RT. AND ~~EXTEND 10'~~ REQ'D. END SECTIONS AND FIELD APPR, RT.

810+97 RELAY 18" x 32' C.S.P. SIDE DRAIN LT. AND ~~EXTEND 14'~~ REQ'D. END SECTIONS AND FIELD APPR, LT.

1/4 Sec. FIELD APPR. + 68 18" x 30' CMP SIDE DRAIN

PI 810+85.30 FIELD APPR. + 97 18" x 26' CMP SIDE DRAIN

Plugged
822+56 ~~RELAY~~ 24" x 56' C.S.P. CROSS CULVERT AND ~~EXTEND 10'~~ RESET END SECTIONS C.B.C.
D.A. = 335 Ac.
Q100 = 200 cfs
HW = 4316
Q5 = 50 cfs
D.H.W. = 4314.1
A.H.W. = 4314

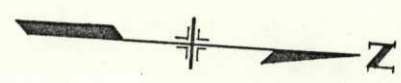
821+63 RELAY 18" x 41' C.S.P. SIDE DRAIN LT. AND ~~EXTEND 14'~~ REQ'D. END SECTIONS AND FIELD APPR, LT.

823+00 REQ'D. 30" x 68' C.S.P. CROSS CULVERT AND END SECTIONS.
SEE STA. 822+56 FOR HYDRAULIC INFORMATION

FIELD APPR. + 63 18" x 30' CMP SIDE DRAIN

24" x 56' CMP w/ METAL APRON

829+00 REQ'D. DIKE LT.



NO REVISIONS	AS CONSTRUCTED	REVISIONS	VOID
REVISIONS		VOID	
REVISION NO.	DATE	BY	DESCRIPTION

PROJECT NO.	FR006-3(1)
SHEET NO.	11
TOTAL SHEETS	

STATE DEPARTMENT OF HIGHWAYS
DIVISION OF HIGHWAYS - STATE OF COLORADO
REV. 1-1972

FEDERAL ROAD DISTRICT NO.	VIII
DIVISION	COLORADO
PROJ. NO.	FR 006-3(1)
SHEET NO.	12
DATE	

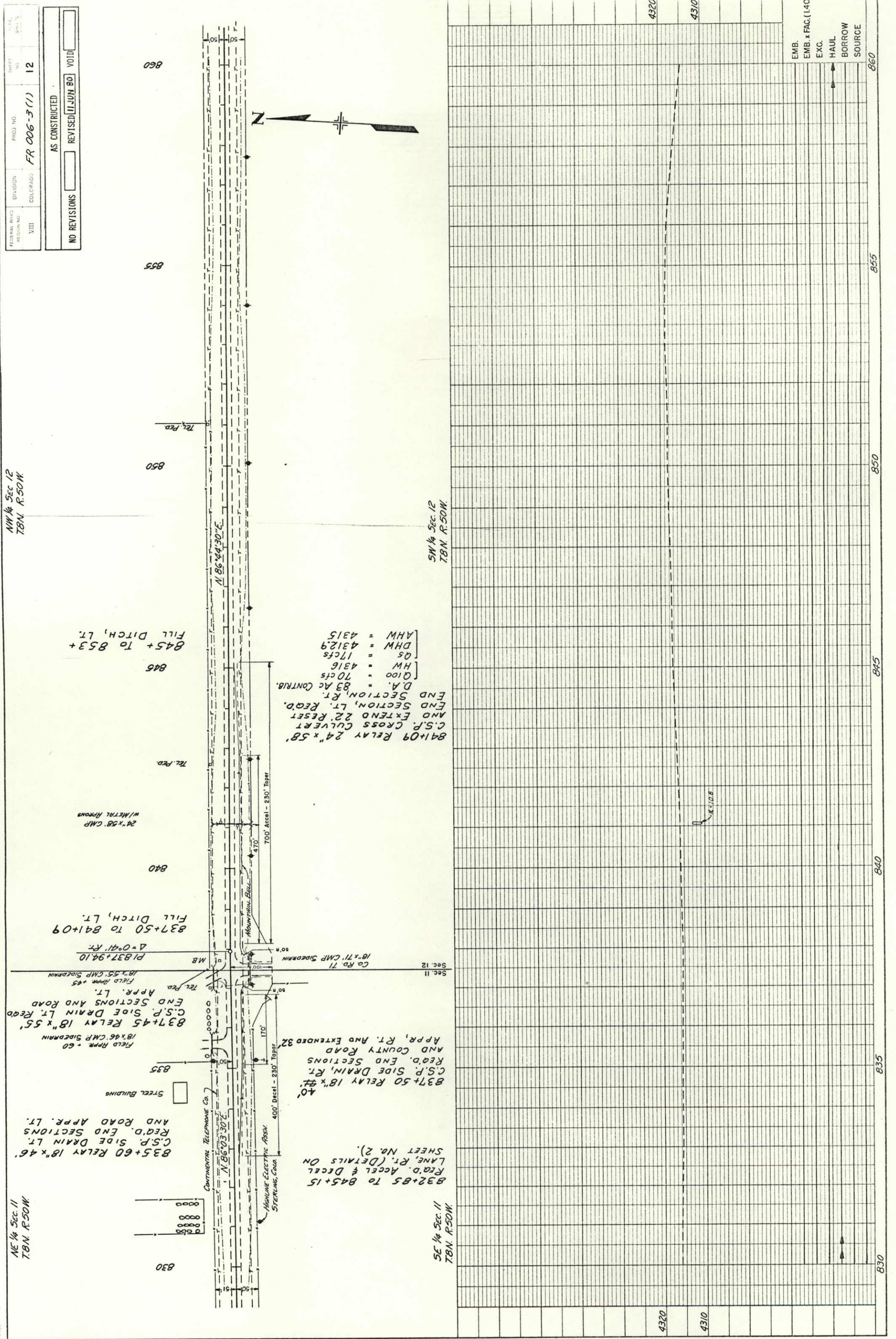
AS CONSTRUCTED
 NO REVISIONS
 REVISED 11 JUN 80
 VOID

NW 1/4 Sec 12
T8N R.50W

NE 1/4 Sec 11
T8N R.50W

SW 1/4 Sec 12
T8N R.50W

SE 1/4 Sec 11
T8N R.50W



845+ To 853+
FILL DITCH, LT.

841+09 RELAY 24" x 58'
C.S.P. CROSS CULVERT
AND EXTEND 22' RESET
END SECTION, LT. REQ'D.
END SECTION, RT.
D.A. = 83 AC CONTRIB.
Q100 = 70 cfs
HW = 4316
OS = 17 cfs
DHW = 4312.9
AHW = 4315

837+50 To 841+09
FILL DITCH, LT.

832+85 To 845+15
REQ'D. ACCEL & DECEL
LANE, RT. (DETAILS ON
SHEET NO. 2).
837+50 RELAY 18" x 55'
C.S.P. SIDE DRAIN, RT.
REQ'D. END SECTIONS
AND COUNTY ROAD
APPR, RT. AND EXTENDED 32'
40'

837+45 RELAY 18" x 55'
C.S.P. SIDE DRAIN LT. REQ'D
END SECTIONS AND ROAD
APPR. LT.
FIELD APPR +45
18" x 55' CMP SIDE DRAIN

835+60 RELAY 18" x 46'
C.S.P. SIDE DRAIN LT.
REQ'D. END SECTIONS
AND ROAD APPR. LT.

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0000
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DATE	
BY	
REVISION	
NOTE BOOK	
ALIGNED CHECKED	
BY OR WAY CHECKED	
NO. 3504	
3082	
3083	

EMB.	
EMB. x FAC. (1.40)	
EXC.	
HAUL	
BORROW	
SOURCE	

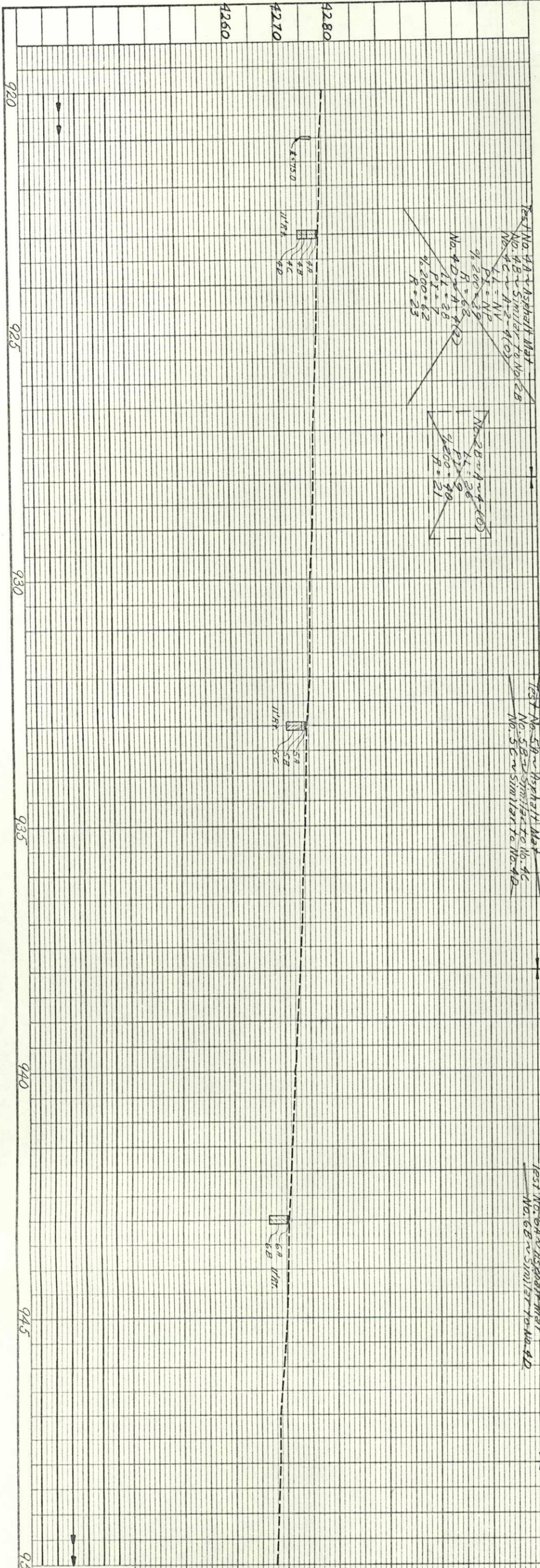
4320
4310

4320
4310

860
855
850
845
840
835
830

PROFILE	SURVEYED	BY
NOTE BOOK	PLOTTED	
No.	GRADES CHECKED	
	S. & V. NOTED	
	STRUCTURE NOTATIONS CHECKED	

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
No. 33082	ALIGNMENT CHECKED		
No. 33083	ST. OF WAY CHECKED		



920+ TO 924+
FILL DITCH, RT.

926+88 RELAY 18" x 31'
C.S.P. SIDE DRAIN RT
AND EXTEND 8' REQ'D.
END SECTIONS AND FIELD
APPR, RT.

SE 1/4 SEC. 7,
T8N., R. 49W.

TEST No. 4A - Asphalt Mat
No. 4B - Similar to No. 4B
No. 4C - Similar to No. 4B
No. 4D - Similar to No. 4B
PI = NP
L.L. = NV
R = 23

TEST No. 6A - Asphalt Mat
No. 6B - Similar to No. 4D

SW 1/4 SEC. 8,
T8N., R. 49W.

920 P.O.T. 920+00.0
921+00 REQ'D. 24" x 64'
C.S.P. CROSS CULVERT, AND
END SECTIONS
D.A. = 230 ACRES
Q100 = 150 cfs
HW = 4278
Q12 = 10 cfs
DHW = 4277.2
AHW = 4277.2

923+00 REQ'D
DIXE LT.

925

926+83 RELAY 18" x 36'
C.S.P. SIDE DRAIN LT.
AND EXTEND 4' REQ'D.
END SECTIONS AND
FIELD APPR, LT.

929+98 RELAY 18" x 31'
C.S.P. SIDE DRAIN LT.
AND EXTEND 8' REQ'D.
END SECTIONS AND
FIELD APPR, LT.

NE 1/4 SEC. 7,
T8N., R. 49W.

932+29 TO 944+59
REQ'D. ACCEL & DECEL
LANE, LT. (DETAILS ON
SHEET NO. 2)

935+29 TO 947+59
REQ'D. ACCEL & DECEL
LANE, RT. (DETAILS
ON SHEET NO. 2)

939+94 RELAY 18" x
63' C.S.P. SIDE DRAIN
LT. AND EXTEND 14' RELAY
18" x 67' C.S.P. SIDE
DRAIN, RT. AND EXTEND
10' REQ'D. END SECTIONS,
COUNTY ROAD APPR.
LT. & RT. DITCHES

$\Delta = 0.051 R$

PI. 938+56.4

Sec. 7
Sec. 8

946+37 RELAY 18" x 30'
C.S.P. SIDE DRAIN LT.
AND EXTEND 10' REQ'D.
END SECTIONS AND
FIELD APPR, LT.

NW 1/4 SEC. 8,
T8N., R. 49W.

NO REVISIONS	AS CONSTRUCTED
REVISED	11 JUN 89 VOID

FEDERAL ROAD DISTRICT NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
III	COLORADO	FR006-3(1)	15	

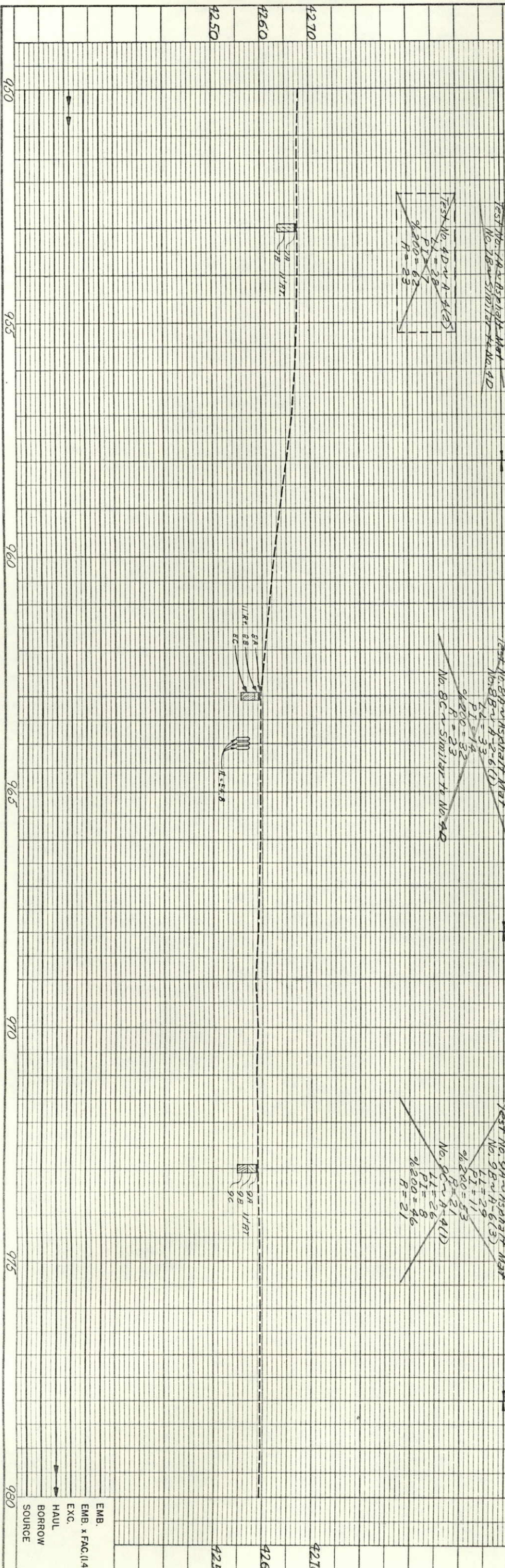


STATE OF COLORADO
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROJECT NO. 12-1-1
SHEET 15 OF 15

PROFILE	SURVEYED	BY
	NOTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	

33082
33083

PLAN	SURVEYED	BY	DATE
	NOTED		
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		



954+96 RELAY 18" x 31' C.S.P. SIDE DRAIN LT. AND EXTEND 14' RELAY 18" x 31' 45' C.S.P. SIDE DRAIN RT. AND EXTEND 14' REQ'D. END SECTIONS AND ROAD APPR. LT. & RT.

Test No. 9A - ASPHALT MAT No. 18A-SIMILAR TO No. 9A

Test No. 9A-4D-4-A-4(1)
PI = 28
LI = 27
%200 = 63
R = 23

S.W. 1/4 SEC. 8
T.8N., R.49W.

962+ TO 965+
FILL DITCH, RT.

Test No. 9B - ASPHALT MAT No. 18B-SIMILAR TO No. 9A

Test No. 9B-6(3)
PI = 33
LI = 33
%200 = 32
R = 23

18" x 35' C.S.P. R.O.W. Mkr. 967+07 50' Cable Mkr. Sign

966+75 RELAY 18" x 35' C.S.P. SIDE DRAIN RT AND EXTEND 10' REQ'D. END SECTIONS AND FIELD APPR, RT.

Test No. 9C - ASPHALT MAT No. 9C-4-A-4(1)

Test No. 9C-4(1)
PI = 21
LI = 26
%200 = 46
R = 21

S.E. 1/4 SEC. 8
T.8N., R.49W.

975+60 RELAY 18" x 40' C.S.P. SIDE DRAIN RT. REQ'D. END SECTIONS AND FIELD APPR, RT. AND EXTENDED 12' 18" x 40' C.S.P.

(Mountain Bell Tele Co.)
(Highline Electric Assn.)

950

955

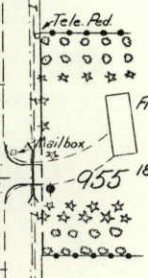
960

965

970

975

980



P.O.T. 956+00.0

964+00 REQ'D. THREE 30" x 70' C.S.P. CROSS CULVERTS AND END SECTIONS
DA = { 230 Ac.
425 Ac. (Over flow)
[Q₁₀₀ = 370 cfs
HW = 4260
[Q₇ = 110 cfs
DHW = 4259
AHW = 4259

1/4 SEC.

975+00 REQ'D. DIKE, LT.

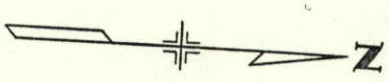
P.O.T. 975+00.0

N.E. 1/4 SEC. 8
T.8N., R.49W.

NO REVISIONS	AS CONSTRUCTED
REVISIONS	REVISED
JUN 50	VOID

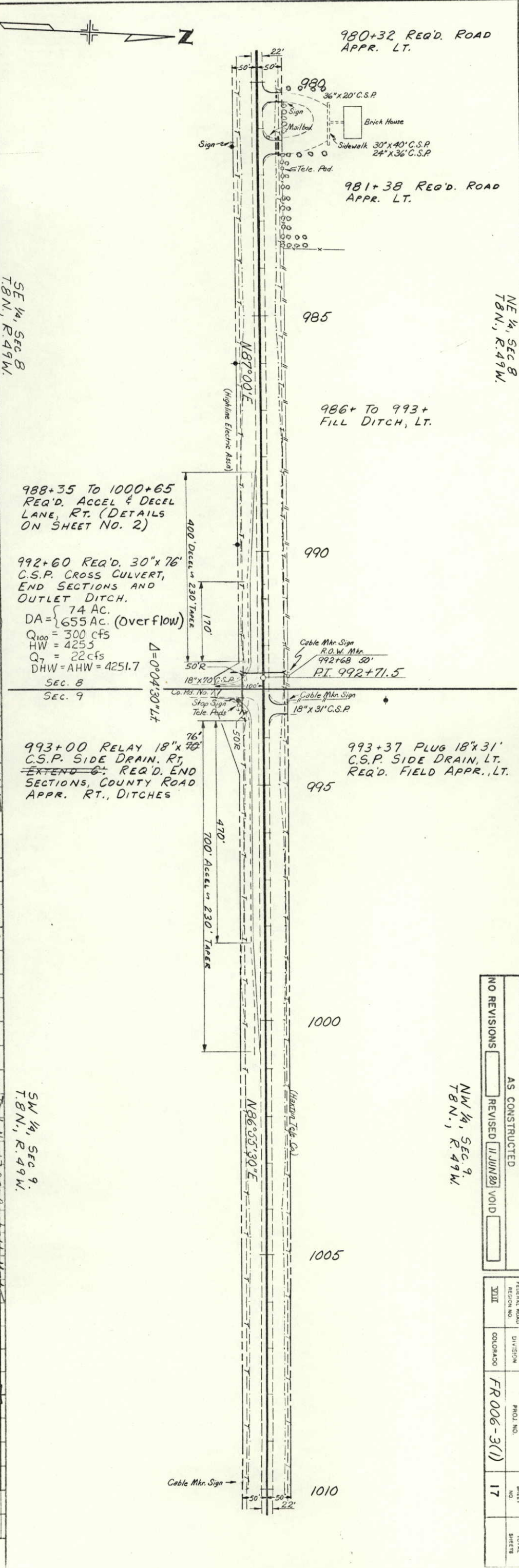
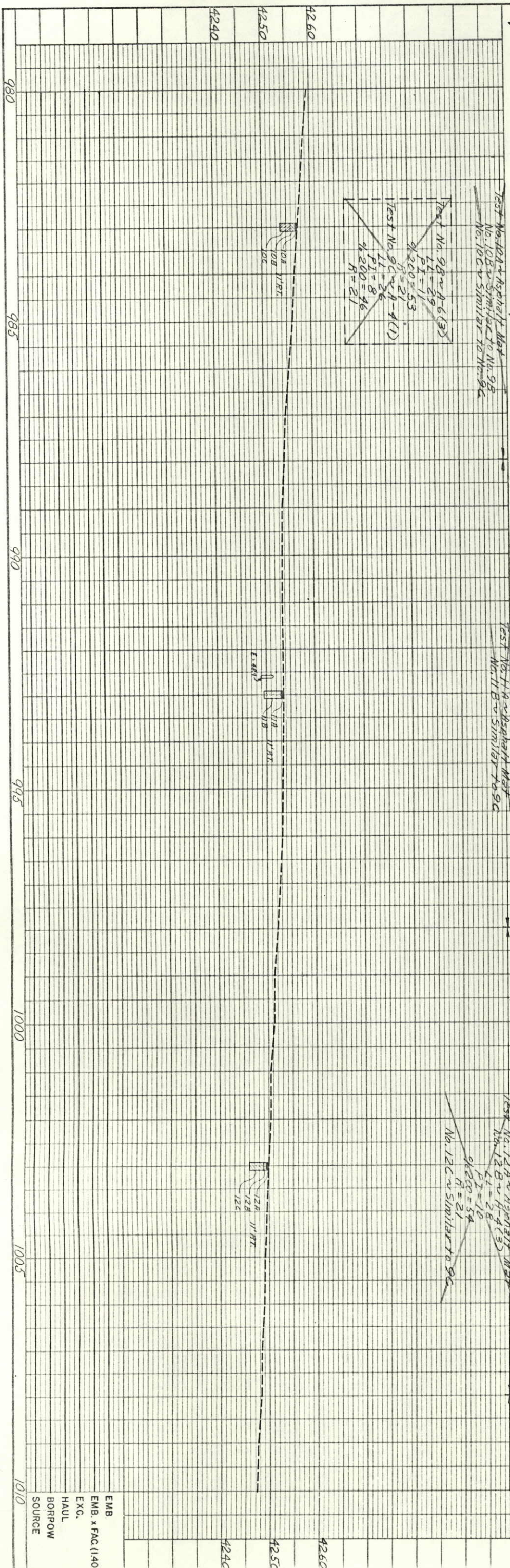
REGIONAL ROAD NO. XIII	DIVISION COLORADO	PROJ. NO. FR 006-3(1)	SHEET NO. 16	TOTAL SHEETS
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STATE DEPARTMENT OF HIGHWAYS
DIVISION OF HIGHWAYS - STATE OF COLORADO
MAY 1950



PROFILE	SURVEYED	BY
NOTE BOOK	PLOTTED	
	GRADE CHECKED	
	S. M. V. NOTED	
	STRUCTURE NOTATIONS CHECKED	

DATE	BY
NOV 22 1928	
NOTE BOOK	NO. 22610
ALIGNED CHECKED	
ET. OF WAY CHECKED	



STATE DEPARTMENT OF HIGHWAYS
DIVISION OF HIGHWAYS - STATE OF COLORADO
MARCH 1928

NO REVISIONS	AS CONSTRUCTED	FEDERAL ROAD REGION NO.	DIVISION	PHOL NO.	SHEET NO.	TOTAL SHEETS
REVISIONS	REVISED 11 JUN 89 VOID	XIII	COLORADO	FR 006-3(1)	17	

NW 1/4, SEC. 9,
T8N., R. 49W.

SW 1/4, SEC. 9,
T8N., R. 49W.

SE 1/4, SEC. 8,
T8N., R. 49W.

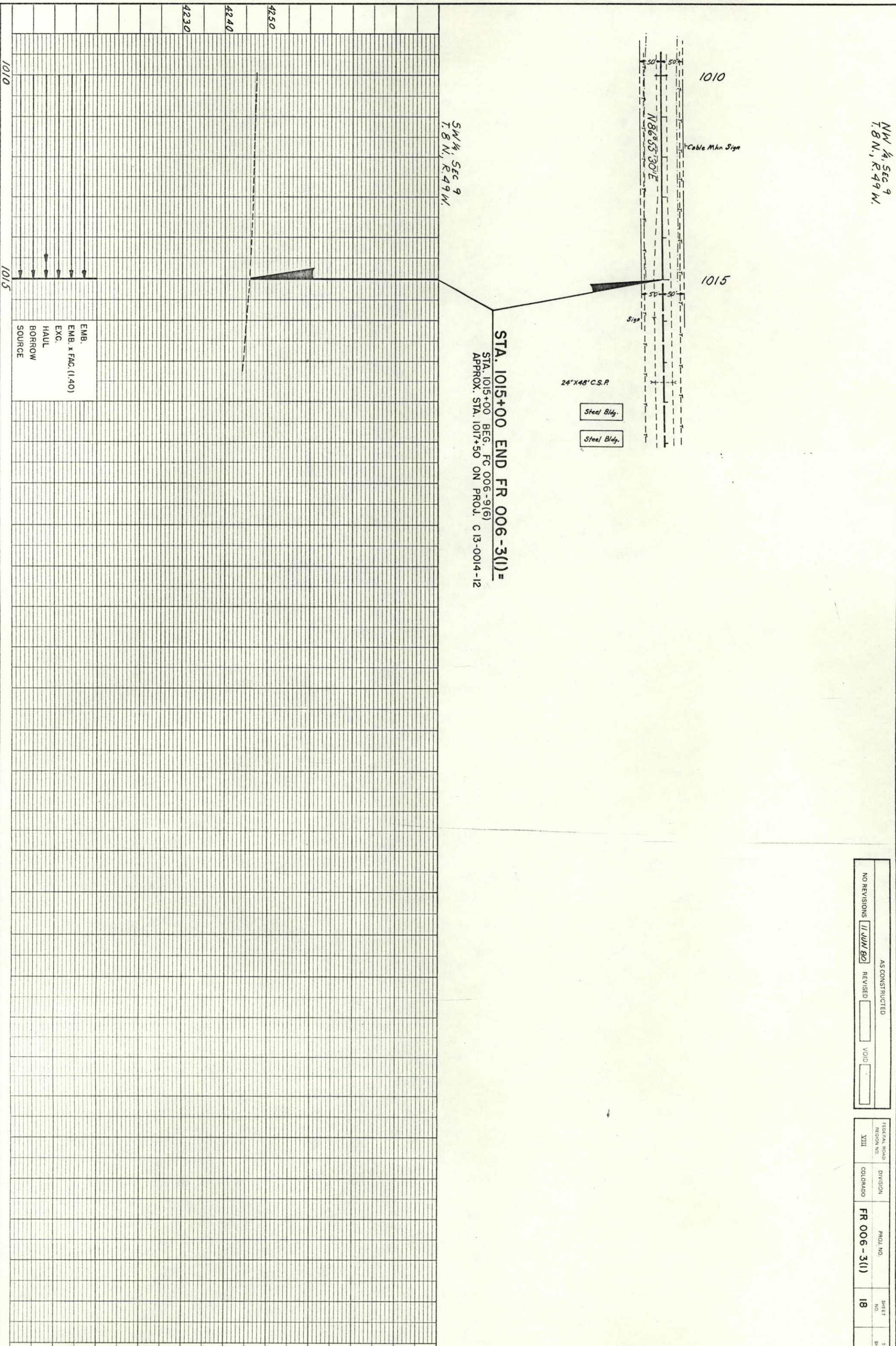
NE 1/4, SEC. 8,
T8N., R. 49W.

EMB
EMB. x FAC (140)
EXC.
HAUL
BORROW
SOURCE

NW 1/4, SEC 9
T. 8 N., R. 49 W.

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
No. 22610	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
No.	GRADES CHECKED		
	R. M.Y. NOTED		
	STRUCTURE NOTATIONS CHECKED		



SW 1/4, SEC 9
T. 8 N., R. 49 W.

STA. 1015+00 END FR 006-3(1) =

STA. 1015+00 BEG. FC 006-9(6)
APPROX. STA. 1017+50 ON PROJ. C 13-0014-12

24" X 48" C.S.P

Steel Bldg.

Steel Bldg.

- EMB.
- EMB. x FAC. (1.40)
- EXC.
- HAUL
- BORROW
- SOURCE

AS CONSTRUCTED	NO REVISIONS	11 JUL 80	REVISED	VOID
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FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
XIII	COLORADO	FR 006 - 3(1)	18	