

STATE DEPARTMENT OF HIGHWAYS AS CONSTRUCTED REVISÉD DATE July 28, 1977

DIVISION OF HIGHWAYS - STATE OF COLORADO

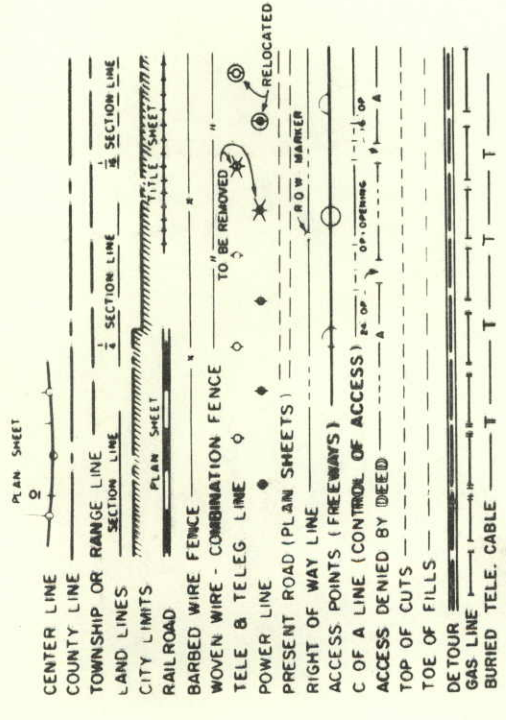
FEDERAL ROAD DISTRICT NO.	9	DIVISION	COLORADO	PROJECT NO.	S 0059(8)	SHEET NO.	1
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INDEX OF SHEETS

PLAN AND PROFILE OF ~~PROPOSED~~ **COMPLETED** HIGHWAY

FEDERAL AID PROJECT NO. S 0059(8)
STATE HIGHWAY NO. 59
YUMA COUNTY

CONVENTIONAL SIGNS



TITLE PAGE, SKETCH MAP AND TABULATION OF LENGTH & DESIGN DATA.
 TYPICAL SECTIONS, GENERAL NOTES AND DETAIL FOR ROAD APPROACHES.
 SUMMARY OF QUANTITIES.
 STRUCTURE QUANTITIES.
 SURFACING PLAN, BASE COURSE PLAN AND SUMMARY OF EARTHWORK QUANTITIES.
 PIT SKETCHES.
 ALIGNMENT PLAN AND PROFILE SHEETS.
 STRUCTURE CROSS SECTIONS.—PITS.

M-203-B	APPROACH ROADS, FLARING, CUT SLOPE TREATMENT, BRIDGE & CREST WIDENING	4-27-70
M-203-C	DITCH TYPES	7-23-68
M-206-A	EXCAVATION AND BACKFILL FOR STRUCTURES	(2 SHEETS) 11-1-68
M-603-CA	CONCRETE AND METAL END SECTIONS	7-23-68
M-603-M	METAL CULVERT PIPE - H-20 LOADING	7-23-68
M-603-RC	REINFORCED CONCRETE PIPE	7-23-68
M-614-A	TIMBER BARRICADES	4-23-69
M-614-IC	STANDARD CONSTRUCTION IDENTIFICATION SIGNS	(2 SHEETS) 5-20-69
M-614-RB	STANDARD RAILROAD WARNING SIGNS	8-22-68
M-614-TB	TRAFFIC SIGNING FOR HIGHWAY CONSTRUCTION	(3 SHEETS) 12-24-68

TABULATION OF LENGTH & DESIGN DATA

STATION	ROADWAY LIN. FT.
0 + 22	BEGIN S 0059(8) = 22 FT. LT. of STA. 2627+34 on N.R.S. W.R. 380-E
210 + 00	END S 0059(8) =
210 + 00	BEGIN S 0059(6)
TOTAL	20,978

SUMMARY	ROADWAY (NET LENGTH)	ROADWAY (GROSS LENGTH)	MILES
	20,678	20,978	3.916
			3.973

DESIGN DATA

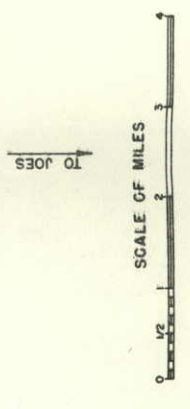
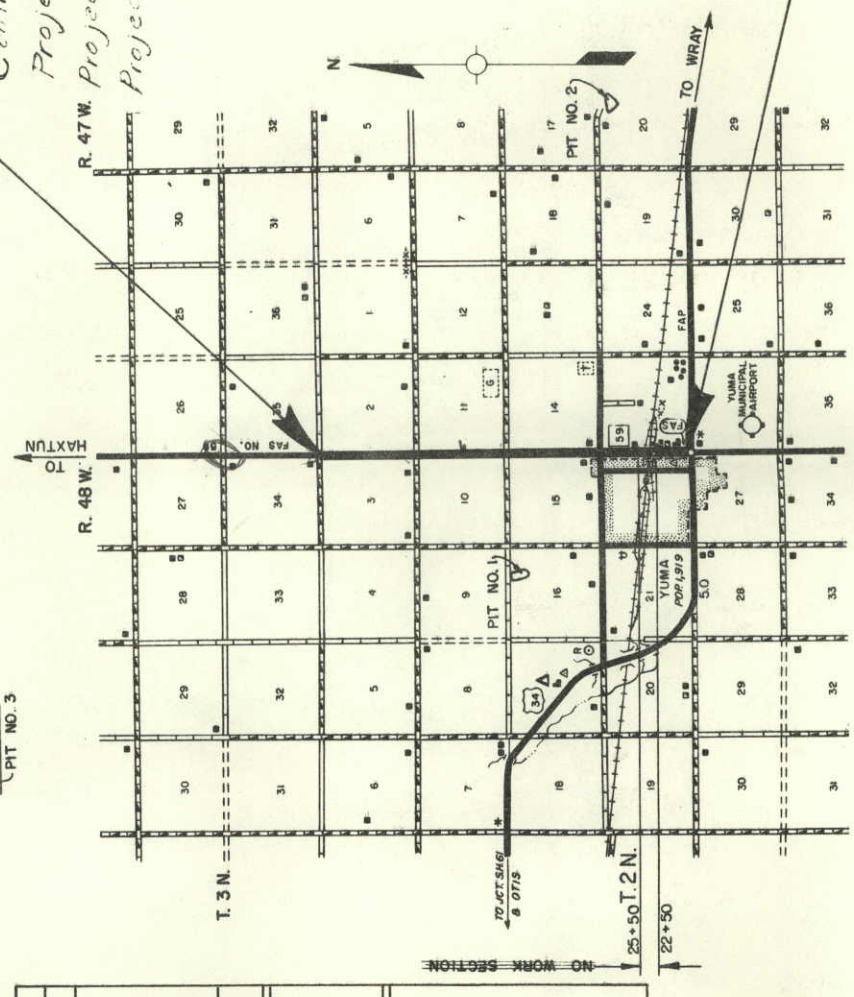
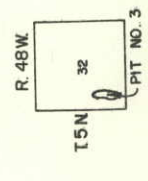
MAXIMUM DEGREE OF CURVE
 MAXIMUM GRADE
 MINIMUM S.S.D. HORIZONTAL
 MINIMUM S.S.D. VERTICAL
 MAXIMUM DESIGN SPEED
 1990 DESIGN TRAFFIC VOLUME

TANGENT 2.65%
 > 900'
 215'
 30 M.P.H.
 1260 A.D.T.
 151 D.H.V.

* Includes 300' of "NO-WORK SECTION" Sta. 22 + 50 to 25 + 50. See W.O. # 19802

Contractor: Heiren-Strong Inc
Project Engr: C.O. Myles
Project Started: Sept, 28, 1970
Project Completed: July, 28, 1971

STA. 210+00 to END S 0059(8) =
 STA. 210+00 BEGIN S 0059(6)



AS CONSTRUCTED PLANS
RETURN TO DIST. 4 DESIGN

SEE SPECIAL PROVISIONS FOR NOTICE TO BIDDERS

DIVISION OF HIGHWAYS
 STATE OF COLORADO
 FINAL APPROVAL AS
 CONSTRUCTED PLANS
 John S. Blanton 10/13/71
 DISTRICT ENGINEER DATE
 APPROVED: [Signature] 8-6-70
 CHIEF ENGINEER DATE

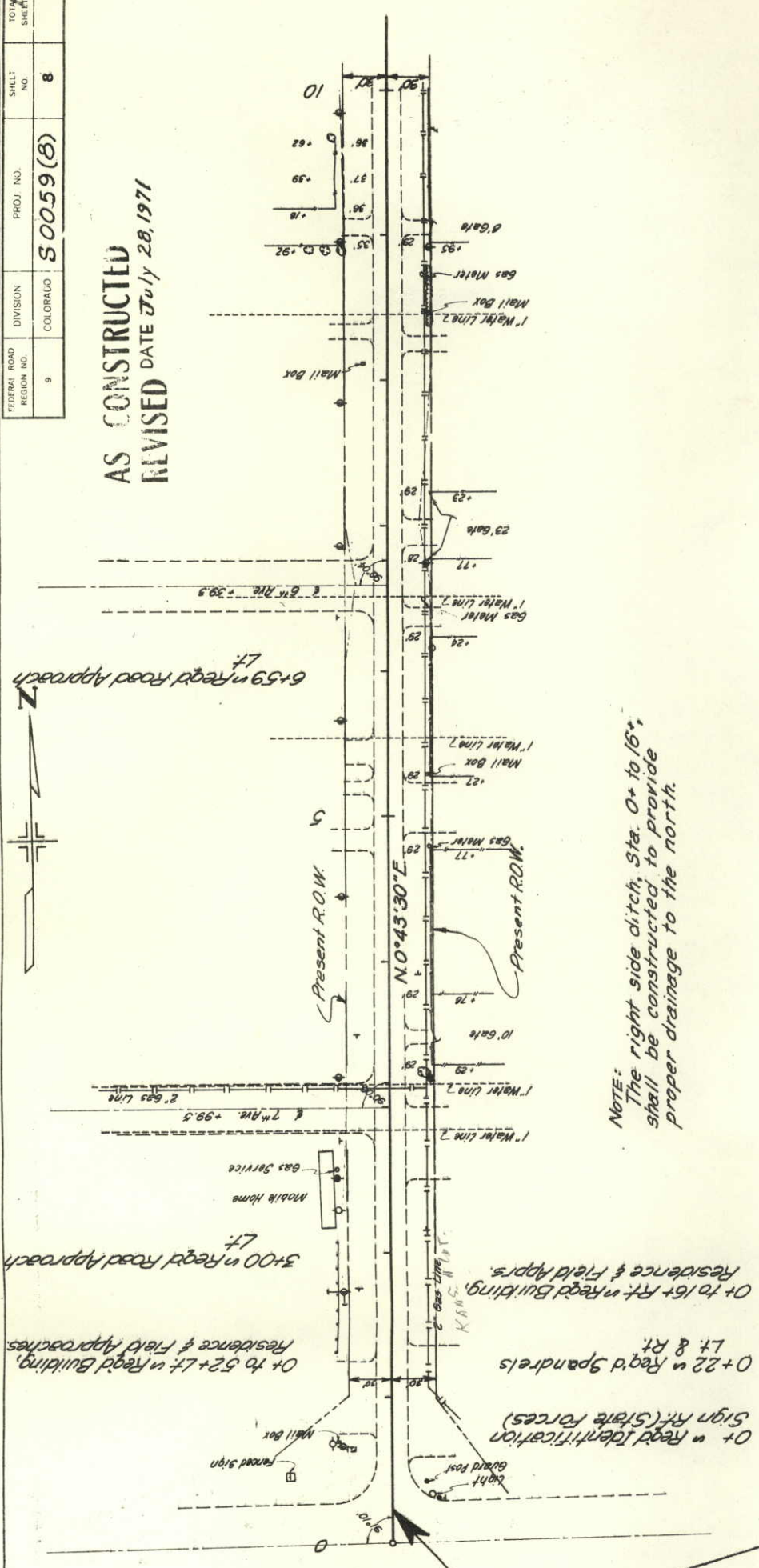
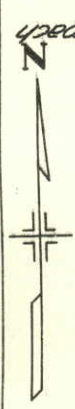
DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 BUREAU OF PUBLIC ROADS
 APPROVED: _____ DATE _____
 DIVISION ENGINEER

STA. 0+22 to BEGIN S 0059(8) =
 22 FT. LT. of STA. 2627+34 on N.R.S. W.R. 380-E

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

FEDERAL ROAD DISTRICT NO.	9
DIVISION	COLORADO
PROJECT NO.	S0059(8)
SHEET NO.	8
TOTAL SHEETS	

AS CONSTRUCTED
REVISED DATE July 28, 1971

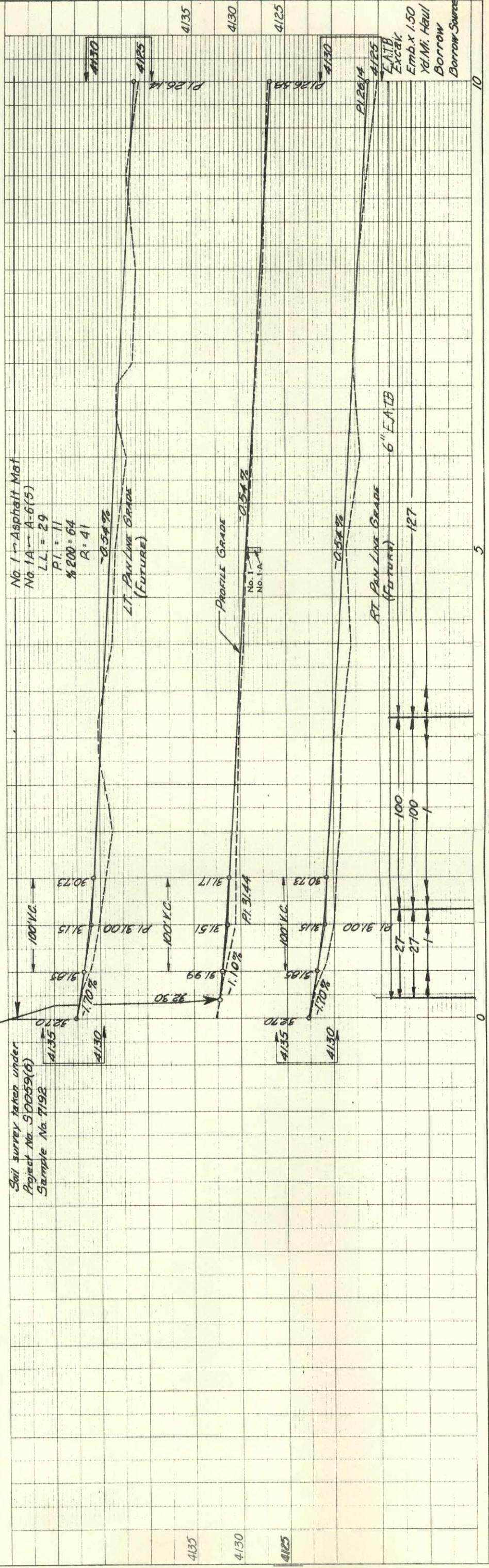


Note: Preliminary Soil Survey Sample No. 7192 Project No. S0059(6)
 Telephone poles shown on this project belong to the North-East Telephone Co., Powell Telephone Co., Prairie View Telephone Co. and Line #34 (Privately owned telephone Co.)
 All power poles shown on this project belong to the Y-W Electric Co.
 Orig. Scale } Sta. 0+00 thru Sta. 70+00
 Plan - 1 inch = 50 ft.
 Profile { 1 inch = 50 ft Horizontal
 1 inch = 5 ft Vertical

Gas Lines on this project belong to Kansas - Nebraska Natural Gas Co., Inc.

STA. 0+22 ~ BEGIN S 0059(8) =
 22 FT. L.I. OF STA. 2627+34 ON N.R.S. W.R 380-E

If it is anticipated that the width of present R.O.W. is sufficient to accommodate this project No additional R.O.W. is needed.



Soil survey taken under Project No. S0059(6) Sample No. 7192

DATE	BY	REVISION

DATE	BY	REVISION

STATE DEPARTMENT OF HIGHWAYS
DIVISION OF HIGHWAYS - STATE OF COLORADO
FEDERAL ROAD REGION NO. 9
DIVISION COLORADO
PROJECT NO. S0059 (B)
SHEET NO. 9
TOTAL SHEETS

AS CONSTRUCTED
REVISED DATE July 28, 1971

19+ City of Lyons to install 48" reinforced concrete pipe during construction of this project - NOT PLACED
20+ 20' x 97" Reg'd Road Approach Lt.
21+ 22+50 B.S.M. No Work Section See W.O. 19802
22+50 R.R. ROW 23+06.09
23+56.39 R.R. ROW
24+24 Aux. Track
24+57 - M.P. 404.43
Main Line Burlington Northern, Inc. R.R.
24+68 Aux. Track
RR ROW

16+ to 52' Rt. in Reg'd Building, Residence & Field Approaches
17+ 38" Reg'd Road Approach Lt.
18+ 3rd Ave. +97.5
19+ 1" Water Line 2
1" Water Line 2
Gas Main
Gas Light
Mail Box
Gas Pump
2" Gas Main
Present R.O.W.
NO-43.30'E
1" Water Line
Cone. Walk
Water Meter
Gas Main
Cone. Curb
Gas Vent
Cone. Curb
Gas Vent
1" Water Line
13+ 79" Reg'd Road Approach Lt.
14+ Gate
15+ 5th Ave. +20.1
16+ 5th Ave. +20.1
17+ 4th Ave. +78.8
18+ 3rd Ave. +97.5
19+ 2nd Ave. +97.5
20+ 20' x 97" Reg'd Road Approach Lt.
21+ 22+50 B.S.M. No Work Section See W.O. 19802
22+50 R.R. ROW 23+06.09
23+56.39 R.R. ROW
24+24 Aux. Track
24+57 - M.P. 404.43
Main Line Burlington Northern, Inc. R.R.
24+68 Aux. Track
RR ROW

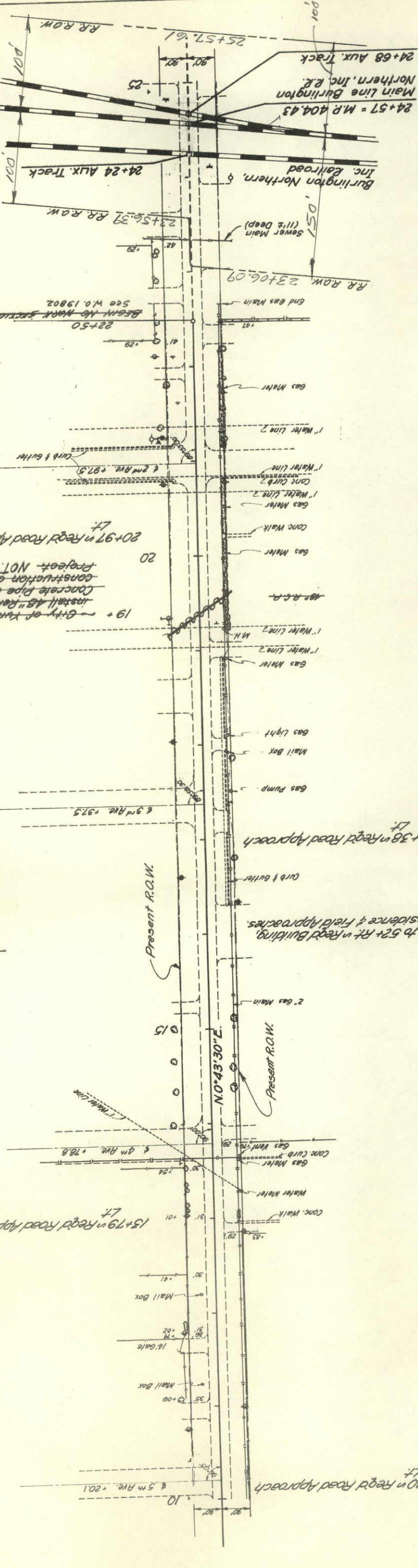
10+ 20" Reg'd Road Approach Lt.
11+ 5th Ave. +20.1
12+ 5th Ave. +20.1
13+ 79" Reg'd Road Approach Lt.
14+ Gate
15+ 5th Ave. +20.1
16+ 5th Ave. +20.1
17+ 4th Ave. +78.8
18+ 3rd Ave. +97.5
19+ 2nd Ave. +97.5
20+ 20' x 97" Reg'd Road Approach Lt.
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Main Line Burlington Northern, Inc. R.R.
24+68 Aux. Track
RR ROW

11+ 5th Ave. +20.1
12+ 5th Ave. +20.1
13+ 79" Reg'd Road Approach Lt.
14+ Gate
15+ 5th Ave. +20.1
16+ 5th Ave. +20.1
17+ 4th Ave. +78.8
18+ 3rd Ave. +97.5
19+ 2nd Ave. +97.5
20+ 20' x 97" Reg'd Road Approach Lt.
21+ 22+50 B.S.M. No Work Section See W.O. 19802
22+50 R.R. ROW 23+06.09
23+56.39 R.R. ROW
24+24 Aux. Track
24+57 - M.P. 404.43
Main Line Burlington Northern, Inc. R.R.
24+68 Aux. Track
RR ROW

12+ 5th Ave. +20.1
13+ 79" Reg'd Road Approach Lt.
14+ Gate
15+ 5th Ave. +20.1
16+ 5th Ave. +20.1
17+ 4th Ave. +78.8
18+ 3rd Ave. +97.5
19+ 2nd Ave. +97.5
20+ 20' x 97" Reg'd Road Approach Lt.
21+ 22+50 B.S.M. No Work Section See W.O. 19802
22+50 R.R. ROW 23+06.09
23+56.39 R.R. ROW
24+24 Aux. Track
24+57 - M.P. 404.43
Main Line Burlington Northern, Inc. R.R.
24+68 Aux. Track
RR ROW

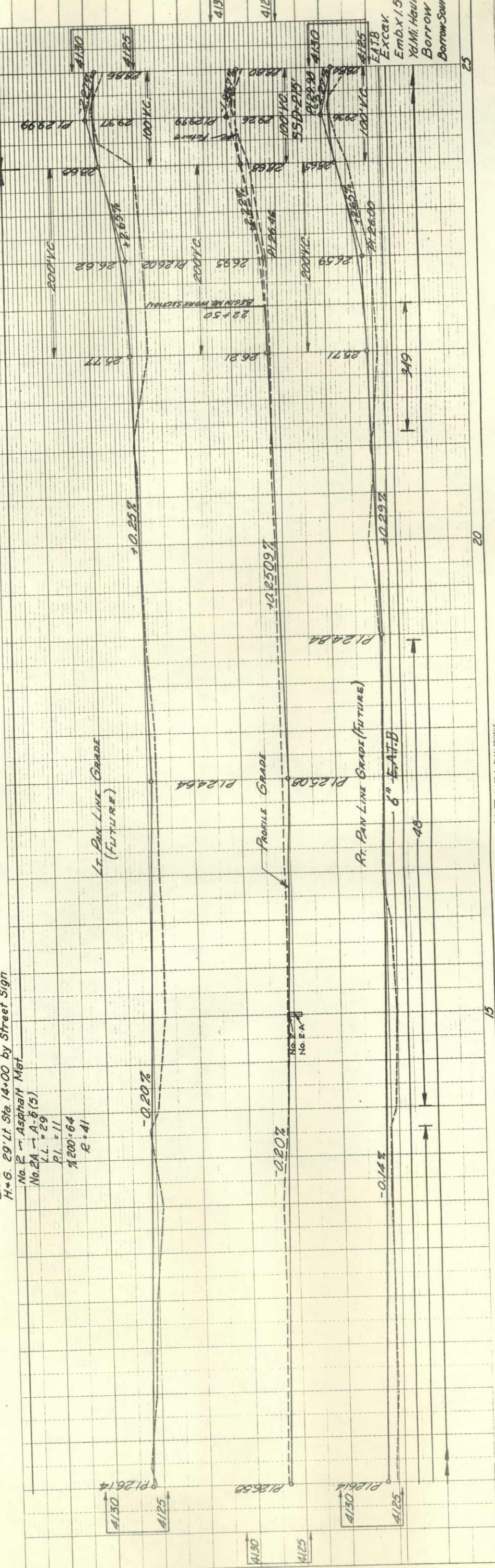
13+ 79" Reg'd Road Approach Lt.
14+ Gate
15+ 5th Ave. +20.1
16+ 5th Ave. +20.1
17+ 4th Ave. +78.8
18+ 3rd Ave. +97.5
19+ 2nd Ave. +97.5
20+ 20' x 97" Reg'd Road Approach Lt.
21+ 22+50 B.S.M. No Work Section See W.O. 19802
22+50 R.R. ROW 23+06.09
23+56.39 R.R. ROW
24+24 Aux. Track
24+57 - M.P. 404.43
Main Line Burlington Northern, Inc. R.R.
24+68 Aux. Track
RR ROW

14+ Gate
15+ 5th Ave. +20.1
16+ 5th Ave. +20.1
17+ 4th Ave. +78.8
18+ 3rd Ave. +97.5
19+ 2nd Ave. +97.5
20+ 20' x 97" Reg'd Road Approach Lt.
21+ 22+50 B.S.M. No Work Section See W.O. 19802
22+50 R.R. ROW 23+06.09
23+56.39 R.R. ROW
24+24 Aux. Track
24+57 - M.P. 404.43
Main Line Burlington Northern, Inc. R.R.
24+68 Aux. Track
RR ROW



B.M. #16 Elev 4124.85
H+G. 27' Rt. Sta. 19+50 by Post

B.M. #15 Elev 4124.84
H+G. 29' Lt. Sta. 14+00 by Street Sign
No. 2 - Asphalt Mt.
No. 2A - A-6 (5)
L.L. = 29
P.L. = 11
R = 41
R = 41



PLAN

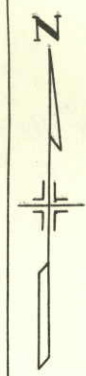
DATE: _____ BY: _____
SURVEYED: _____
ALIGNED: _____
CHECKED: _____
NOTED: _____
NO. 30708

PROFILE

DATE: _____ BY: _____
SURVEYED: _____
CHECKED: _____
NOTED: _____
NO. 30708

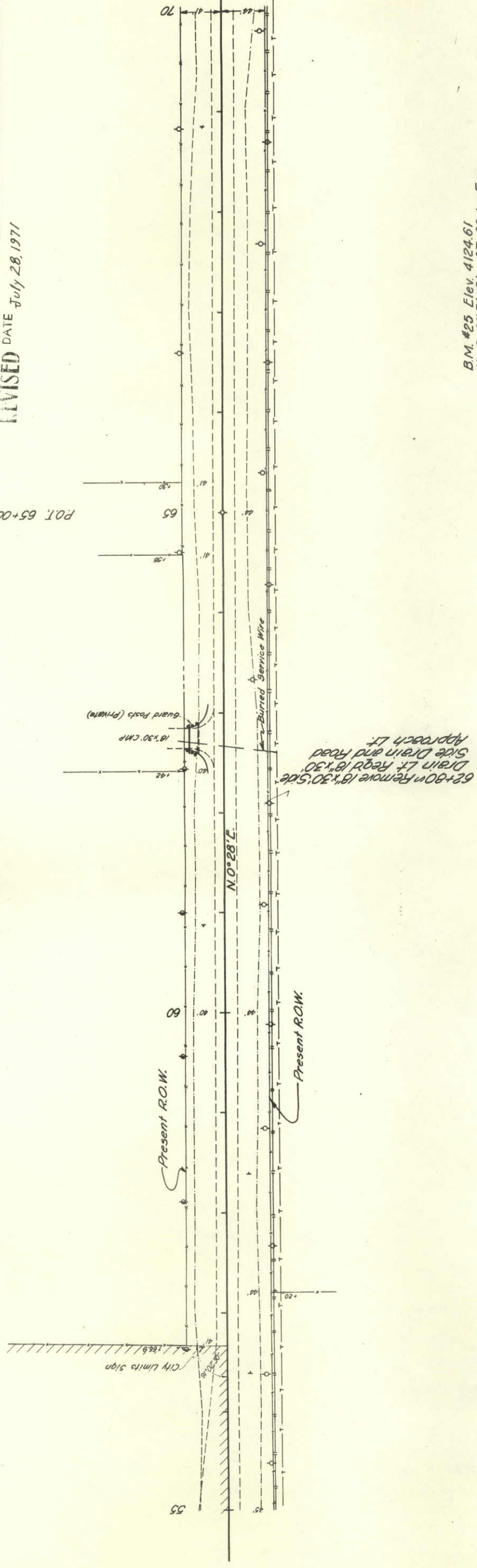
STRUCTURE NOTATION CH.D.
NO. 30708
DATE: _____ BY: _____
SURVEYED: _____
CHECKED: _____
NOTED: _____
NO. 30708

STATE DEPARTMENT OF HIGHWAYS
 DIVISION OF HIGHWAYS
 1500 EAST AVENUE
 DENVER, COLORADO 80202

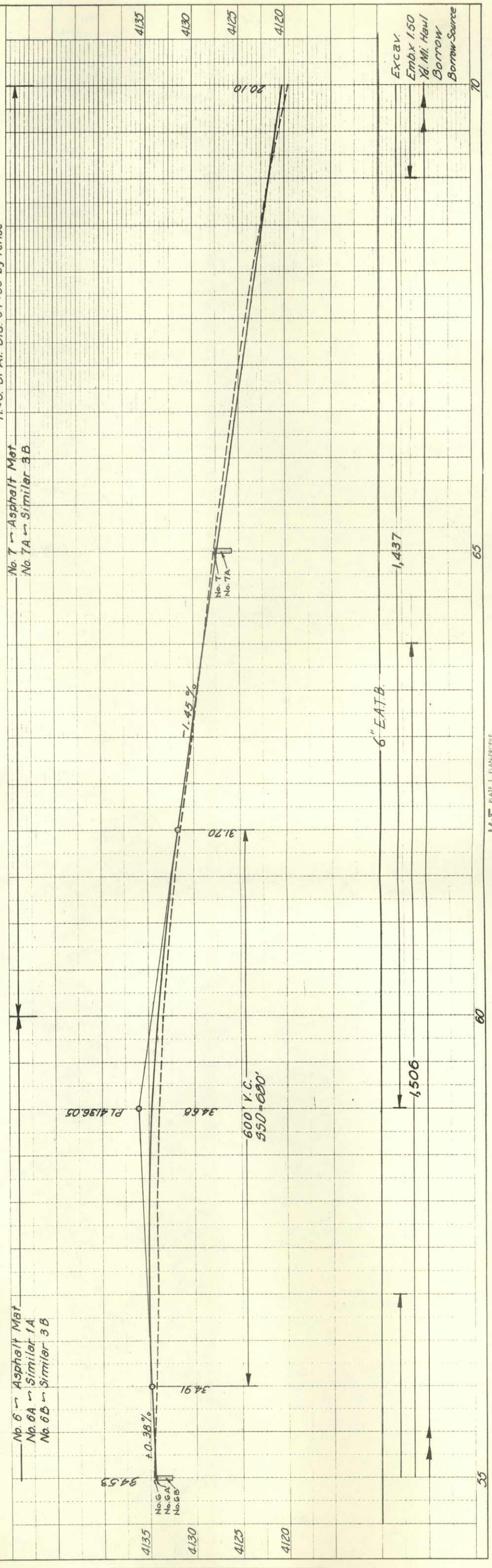


AS CONSTRUCTED
REVISED DATE July 28, 1971

FEDERAL ROAD DISTRICT NO.	9
DIVISION	COLORADO
PROJ. NO.	50059(8)
SHEET N.	12
TOTAL SHEETS	



B.M. #25 Elev. 4124.61
 H. & G. 31' Rt. Sta. 67+00 by Fence



DATE	BY	PLAN
		NO. 30706
		NOTE BOOK
		ALIGNMENT CHECKED
		RT OF WAY CHECKED
		PLOTTED
		SURVEYED

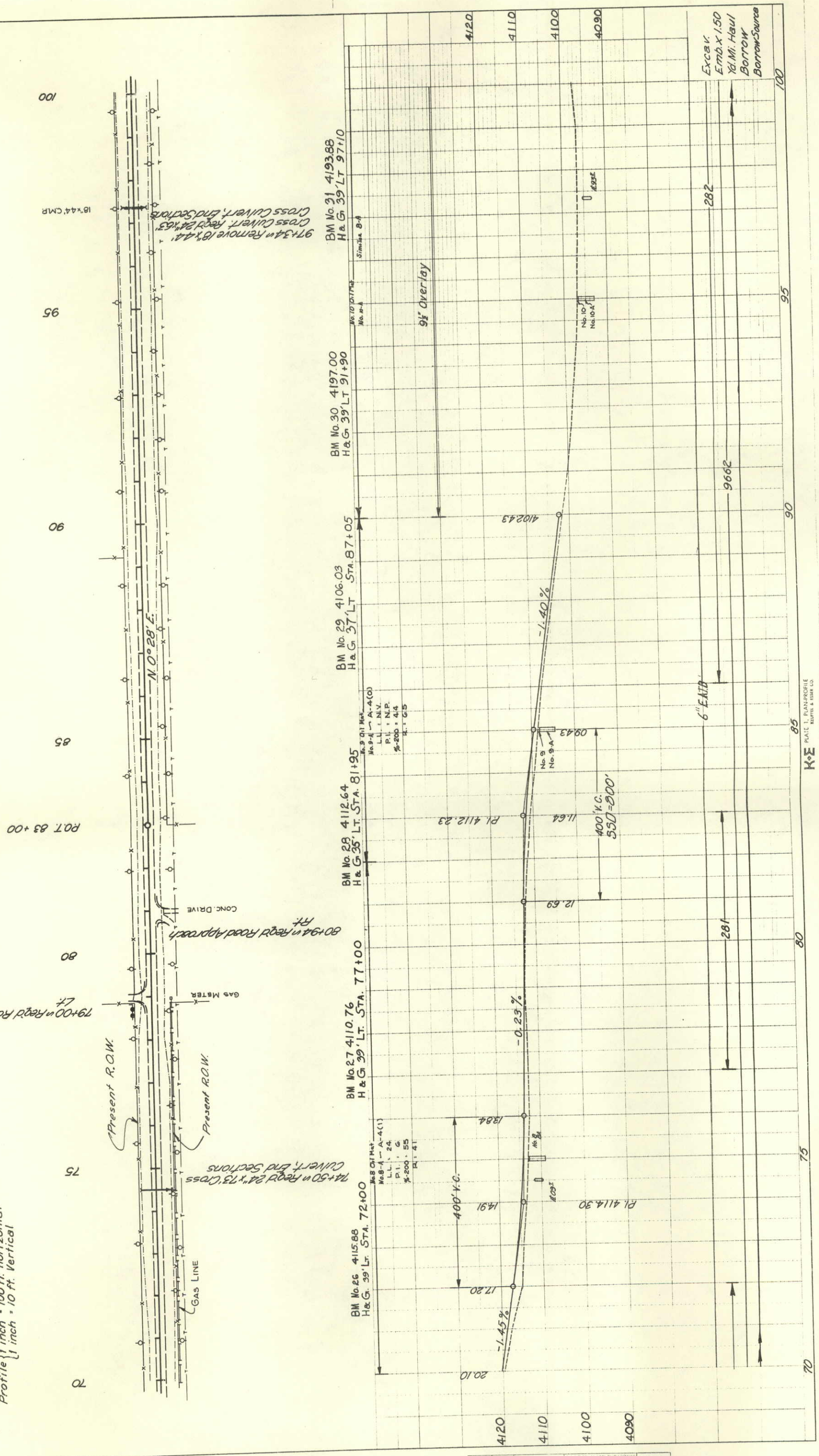
DATE	BY	PROFILE
		NO. 30706
		NOTE BOOK
		GRADES CHECKED
		PLOTTED
		SURVEYED

PROJECT NO.	50059(8)
SHEET NO.	13



Orig. Scale: Sta. 70+00 thru 210+00
 Plan - 1 inch = 100 ft.
 Profile { 1 inch = 100 ft. Horizontal
 { 1 inch = 10 ft. Vertical

AS CONSTRUCTED
 REVISED DATE July 28, 1971

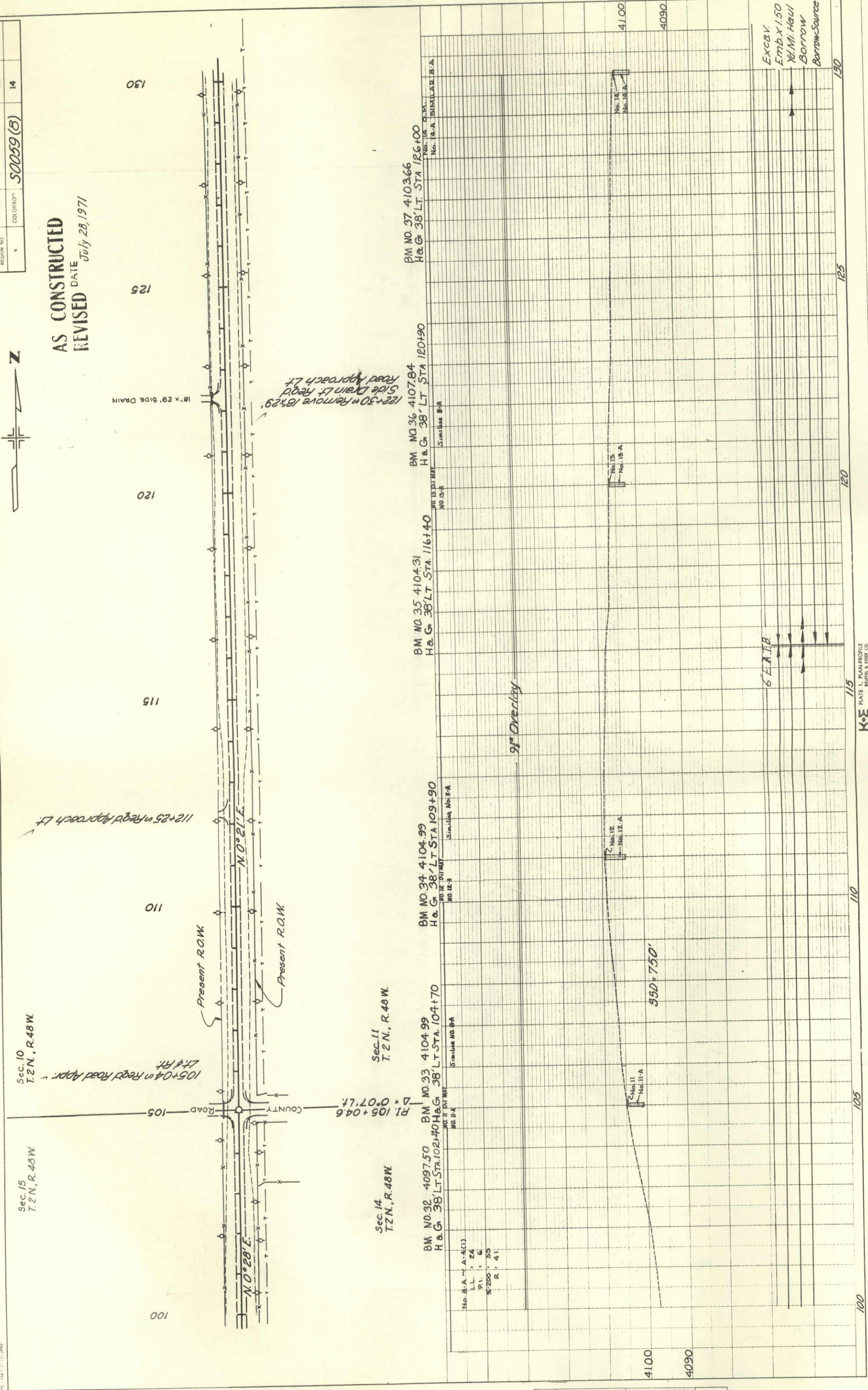


PLAN	DATE
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NO. 37400	
NOTE BOOK	
NO. 30705	
LIST OF MAP CHECKS	
ALIGNMENT CHECKS	
NO. 30705	
NO. 30705	

PROFILE	DATE
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NO. 37400	
NOTE BOOK	
NO. 30705	
LIST OF MAP CHECKS	
ALIGNMENT CHECKS	
NO. 30705	
NO. 30705	

FEDERAL ROAD DISTRICT NO.	9
DIVISION	COLORADO
PROJ. NO.	S00059(8)
SHEET NO.	14
TOTAL SHEETS	

AS CONSTRUCTED
 REVISED DATE July 28, 1971



Sec. 10
T. 2 N., R. 48 W.

Sec. 15
T. 2 N., R. 48 W.

Sec. 11
T. 2 N., R. 48 W.

Sec. 14
T. 2 N., R. 48 W.

BM NO. 37 4103.66
H & G 38' LT STA 126+00

BM NO. 36 4107.84
H & G 38' LT STA 120+90

BM NO. 35 4104.31
H & G 38' LT STA 116+40

BM NO. 34 4104.99
H & G 38' LT STA 109+90

BM NO. 33 4104.99
H & G 38' LT STA 104+70

BM NO. 32 4097.50
H & G 38' LT STA 102+40

Excav
Emb. x 1.50
1/2 Mi. Haul
Borrow
Borrow Source

STATE OF COLORADO
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - STATE OF COLORADO
 ROAD NO. 138
 DATE 1970

PLAN
 SURVEYED
 PLOTTED
 GRADES CHECKED
 NOTE BOOK NO. 30705
 RT. OF WAY CHECKED

PROFILE
 SURVEYED
 PLOTTED
 GRADES CHECKED
 NOTE BOOK NO. 30705
 E. M. RYAN

STATE OF COLORADO
 DIVISION OF HIGHWAYS
 PROJECT NO. 50059(8)
 SHEET NO. 15

SECTION	50059(8)
PROJ. NO.	
DIVISION	COLORADO
REGION NO.	9
ICM SHEETS	15



AS CONSTRUCTED
 Sec. 10
 T. 2 N., R. 48 W.
 REVISÉD DATE July 28, 1971

Sec. 3
 T. 2 N., R. 48 W.

Sec. 11
 T. 2 N., R. 48 W.

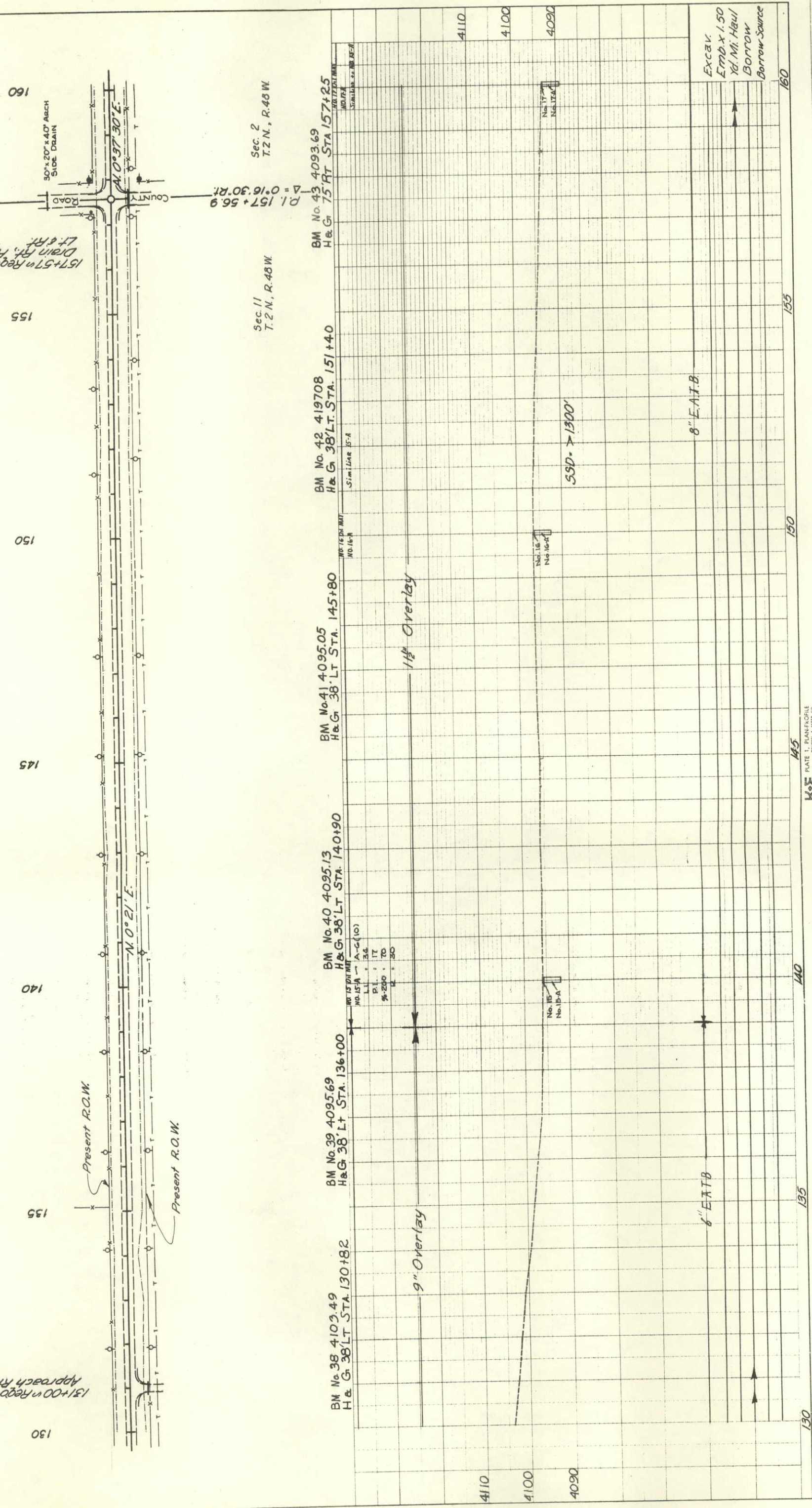
Sec. 2
 T. 2 N., R. 48 W.

157+57 in Reg'd Road Approach
 Lt. & Rt. Side

131+00 in Reg'd Road
 Approach Rt.

DATE	
BY	
CHECKED	
DESIGNED	
PLANNED	
NOTE BOOK	30205
ALIGNMENT CHECKED	
GRADES CHECKED	
STRUCTURE HEIGHTS CHECKED	

DATE	
BY	
CHECKED	
DESIGNED	
PLANNED	
NOTE BOOK	30205
GRADES CHECKED	
STRUCTURE HEIGHTS CHECKED	



130 135 140 145 150 155 160

4110 4100 4090

BM No. 38 4103.49
 H & G 38' LT STA. 130+82

BM No. 39 4095.69
 H & G 38' LT STA. 136+00

BM No. 40 4095.13
 H & G 38' LT STA. 140+90

BM No. 41 4095.05
 H & G 38' LT STA. 145+80

BM No. 42 419708
 H & G 38' LT STA. 151+40

BM No. 43 4093.69
 H & G 75 FT STA 157+25

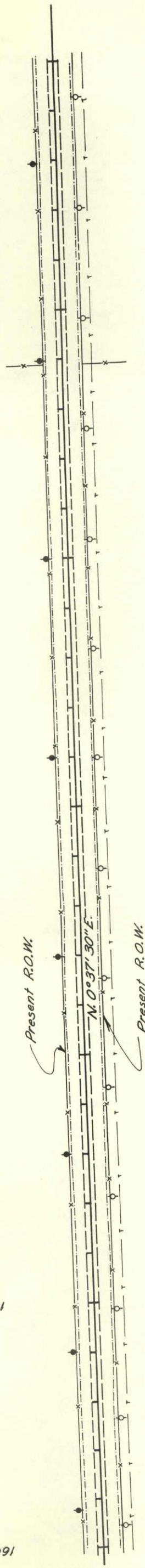
Excav
 Emb. x 1.50
 1/2 Mi. Haul
 Borrow
 Borrow Source

REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9		50059(8)	16	



AS CONSTRUCTED
REVISED DATE July 28, 1971

160 165 170 175 180 185 190



BM No. 44 4092.22
H & G 40' LT STA 164+03

BM No. 45 4092.49
H & G 40' LT STA 169+10

BM No. 46 4092.09
H & G 40' LT STA 174+82

BM No. 47 4093.67
H & G 40' LT STA 180+05

BM No. 48 4094.61
H & G 40' LT STA 184+96

BM No. 49 4094.51
H & G 40' LT STA 189+85

No. 15-A - A-6(10)
L.L. : 34
P.I. : 17
% : 200 / 70
R : 30

No. 9-A - A-4(0)
L.L. : N/A
P.I. : N/P
% : 200 / 44
R : 65

1 1/2" Overlay

SSD = > 1300'

4100
4090

Excav.
Emb x 1.50
Yd Mi. Haul
Borrow
Borrow Source

8" EATB

-6.49
-26.674
-75.844
-26.085

Seward-Fletcher Pit

160 165 170 175 180 185 190

K&E
PLATE 1, PLAN PROFILE
KUPICK & TUBE CO.

48 7012 INTERSIAL

PLAN
NOTE BOOK
NO. 30705
DATE 10/26

PROFILE
NOTE BOOK
NO. 30705
DATE 10/26

FEDERAL ROAD DISTRICT NO.	9
DIVISION	COLORADO
PROJ. NO.	30059(8)
SHEET NO.	17
TOTAL SHEETS	

Sec. 34
T.3 N., R.48 W.

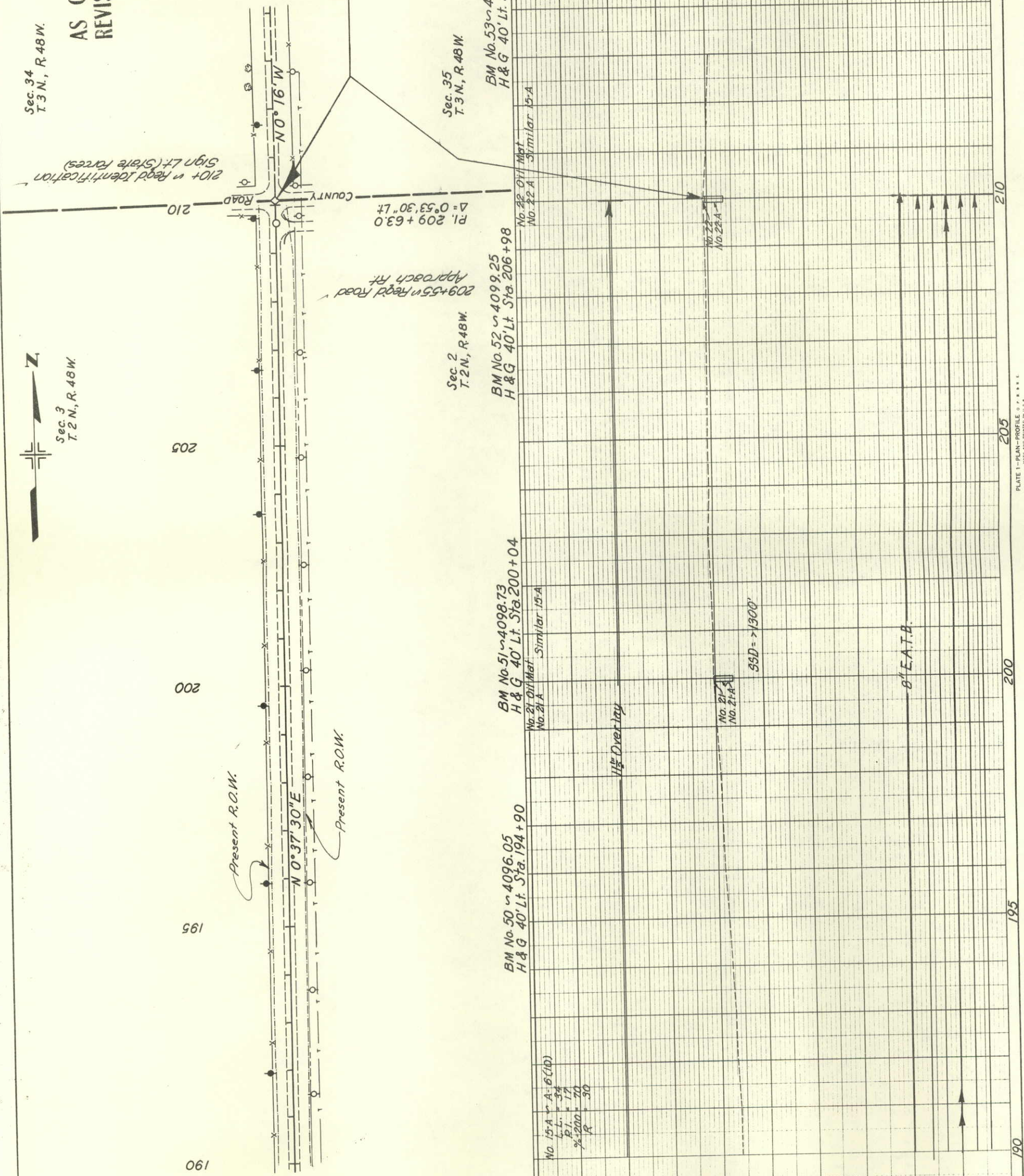
AS CONSTRUCTED

REVISED DATE July 28, 1971



Sec. 3
T.2 N., R.48 W.

STA. 210+00 END S 0059(8) =
STA. 210+00 BEGIN S 0059(6)



NO.	
NOTE BOOK	
PLOTTED	
ALIGNED CHECKED	
BY DATE	

NO.	
NOTE BOOK	
GRADES CHECKED	
PLOTTED	
BY DATE	

Excav
Emb x 1.50
Yd/Mi. Haul
Borrow
Borrow Source