

PLATTEVILLE WEST

COLORADO

DEPARTMENT OF HIGHWAYS

- SHEET NO. 1 SKETCH MAP, TITLE PAGE AND TABULATION OF LENGTH AND DESIGN
2 TYPICAL SECTION, DETAILS OF SLOPE PAVING AND MITER FOR C.M.P. CULVERTS
3 SUMMARY OF APPROXIMATE QUANTITIES
4 SUB-BASE MATERIAL AND SURFACING PLANS, FENCING REQUIREMENTS
AND TABULATION OF R.O.W. MARKERS AND GUARD POSTS
5-6 LOCATION OF MATERIAL PITS
7 LIST OF STRUCTURES
8-9 DETAILS OF BRIDGE STA. 202+
10 DETAILS OF BRIDGE STA. 423+
11 STANDARD METHODS FOR SUPERELEVATION AND WIDENING OF CURVES
12 STANDARD SIDE APPROACH ROADS, FLARING, CUT SLOPE TREATMENT
AND WIDENING AT BRIDGES AND AT CREST OF GRADES
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STRUCTURE NUMBERS
15 STANDARD TIMBER GUARD POSTS
16 STANDARD WIRE FENCE WITH METAL POSTS
17 STANDARD ROADWAY CONSTRUCTION TRAFFIC SIGNS
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CONCRETE INLET AND OUTLET BOXES
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150 STANDARD METAL PLATE GUARD FENCE-BEAM AND NON-FLOATING TYPES M-21-B

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M-7-C
M-10-B
M-19-D
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M-29-A
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M-123-D

CONVENTIONAL SIGNS
CENTER LINE Plan Sheet Title 9 Sheet
RIGHT OF WAY LINE R.O.W. Marker 2
COUNTY LINE
TOWNSHIP OR RANGE LINE 1/4 Section Line 1/6 Section Line
LAND LINES Section Line Title Sheet Plan Sheet
RAILROAD
BARBED WIRE FENCE
COMBINATION WIRE FENCE
SNOW FENCE
TELEPHONE & TELEGRAPH LINES
POWER LINES
PRESENT ROAD (Plan Sheets)

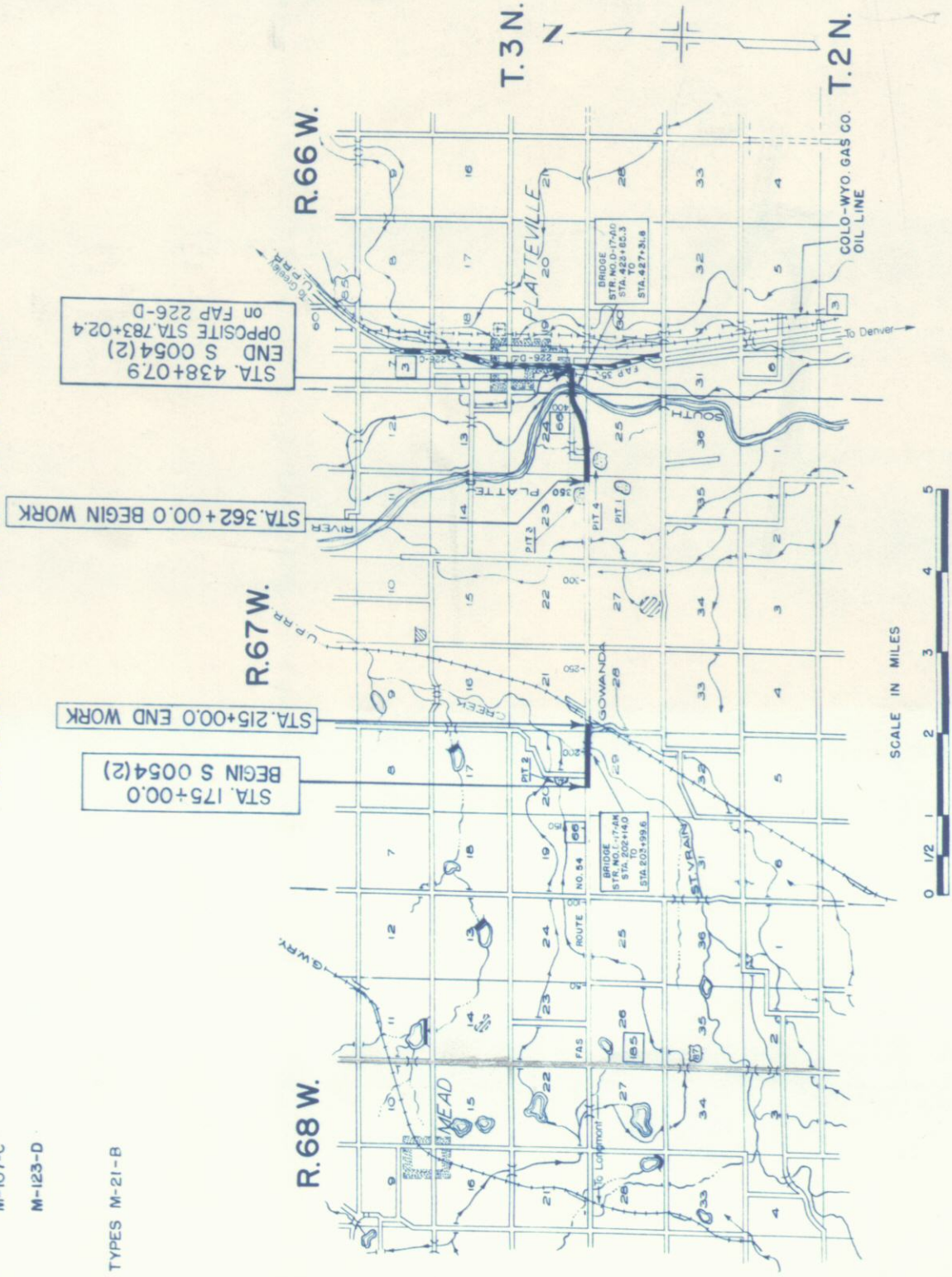
SCALES OF ORIGINAL DRAWINGS

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
GROSS LENGTH OF PROJECT 26,307.9 FT. = 4.982 MILES
NET LENGTH OF PROJECT 11,607.9 FT. = 2.198 MILES

TABULATION OF LENGTH AND DESIGN

STATION	ROADWAY		BRIDGES		NO. WORK SECTION
	LIN. FT.	LIN. FT.	LIN. FT.	LOADING	
175+00.0 BEGIN S 0054(2)	2714.0				
202+14.0 } Bridge St. Vrain Creek		1856		H-20-44	
203+99.6 }	1100.4				14,700.0
215+00 } NO WORK SECTION					
362+00 }	6185.3				
423+85.3 } Bridge Platte River		346.5		H-20-44	
427+31.8 }	1076.1				
438+07.9 END S 0054(2) Opposite 783+02.4 on FAP 226-D					
TOTAL	11,075.8	532.1			14,700.0
SUMMARY					
Roadway No Work Section Bridges	GROSS LENGTH	NET LENGTH	MILES		
	LIN. FT.	LIN. FT.	MILES		
	11,075.8	11,075.8	2.098		
	14,700.0	532.1	0.100		
TOTAL GROSS LENGTH	26,307.9	4.982	2.198		
TOTAL NET LENGTH					
DESIGN DATA					
2° 00'					
4.50 %					
> 1300'					
435'					
55 M.P.H.					

AS CONSTRUCTED PLANS
RETURN TO DIST. 4 DESIGN



NOTICE TO BIDDERS
IT IS RECOMMENDED THAT BIDDERS ON THIS PROJECT GO
OVER THE PLAN DETAILS WITH ONE OF THE FOLLOWING FIELD
REPRESENTATIVES OF THIS DEPARTMENT:
E. W. Oviatt, Construction Engineer, Greeley, Colo.
H. J. Winter, Resident Engineer, Greeley, Colo.
Home Phone, Greeley 1629-J

COLORADO
DEPARTMENT OF HIGHWAYS

APPROVED: *[Signature]* DATE: 12/1/28
CHIEF ENGINEER

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

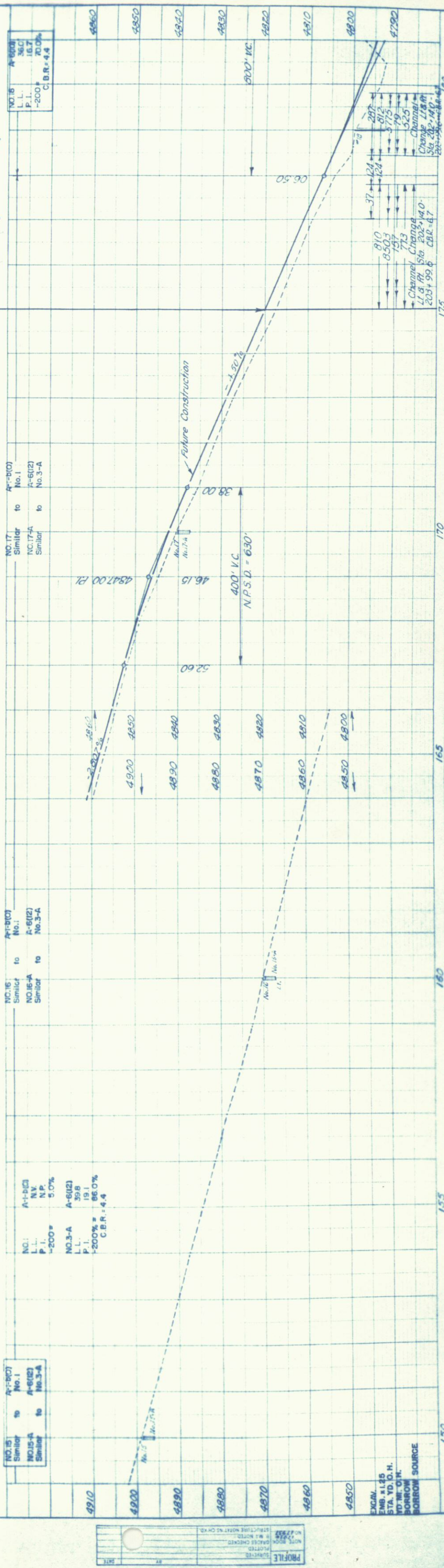
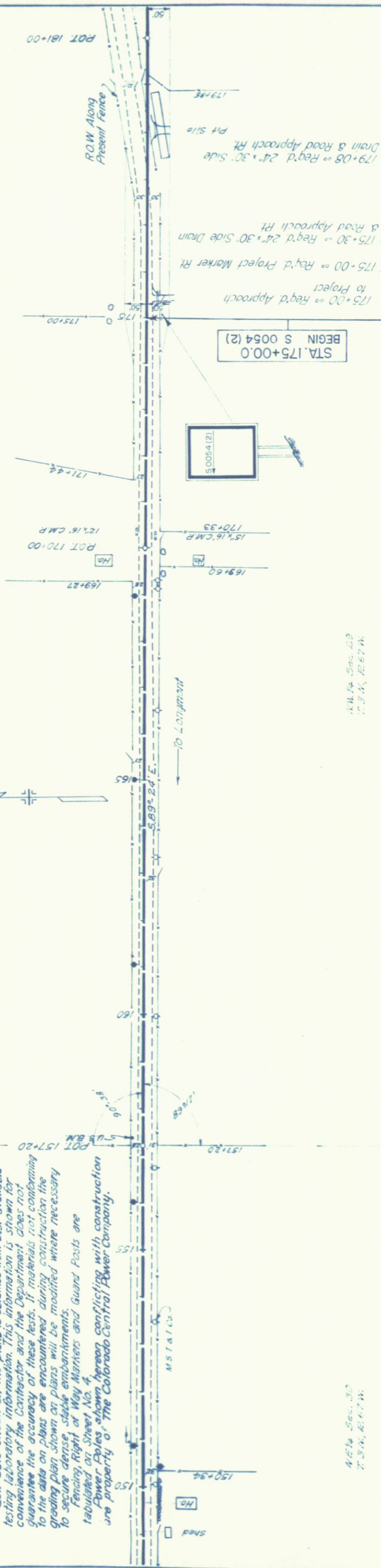
APPROVED: _____ DATE: _____
DISTRICT ENGINEER

FED. ROAD DIST. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	S 0054(2)	22	

NOTE:

Alignment and Grades as shown are subject to modification during construction after approval by the Denver Office. Soil data shown on the plans is obtained from best available testing laboratory information. This information is shown for convenience of the Contractor and the Department does not guarantee the accuracy of these tests. If materials not conforming to the data on plans are encountered during construction the grading plan shown on plans will be modified where necessary to secure dense, stable embankments.

Power Poles shown hereon conflicting with corner property of The Colorado Central Power Company are property of Way Markets and Guard Posts are tabulated on Sheet No. 4.



SW 1/4 Sec 20
T. 3 N., R. 67 W.

134+90 Reg'd Road Approach
Lt. Side Drain & Road Approach

189+00 Remove 18"x25' V.C.T.
Culvert & Headwalls: Reg'd
58"x36"x60 Arch Cross Culvert
& Ditches (W=2')

193+10 Reg'd Road
Approach Lt & Rt.

197+00 Reg'd 72"x56" Cross
Culvert with milled ends and concrete
Slope paving at inlet, Ditches (W=3')

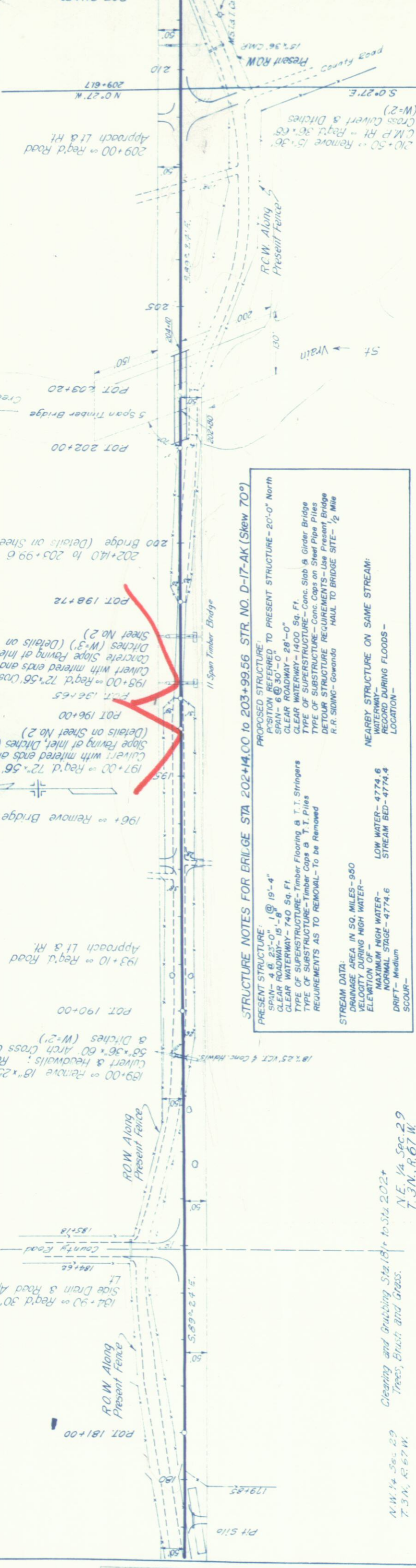
198+00 Reg'd 72"x56" Cross
Culvert with milled ends and
concrete slope paving at inlet,
Ditches (W=3') (Details on
Sheet No. 2)

202+14.0 to 203+99.6 Reg'd
200 Bridge (Details on Sheets 8 & 9)

209+00 Reg'd Road
Approach Lt & Rt

210+50 Remove 15"x36"
C.M.P. Rt - Reg'd 36"x68"
Cross Culvert & Ditches
(W=2')

209+61.7
N.O. 27' W.
POT 211+50



STRUCTURE NOTES FOR BRIDGE STA 202+14.00 to 203+99.56 STR. NO. D-17-AK (Skew 70°)

PRESENT STRUCTURE:
SPAN - 4 @ 23'-0" @ 19'-4"
CLEAR ROADWAY - 15'-8"
CLEAR WATERWAY - 740 Sq. Ft.
TYPE OF SUPERSTRUCTURE - Timber Flooring & T.T. Stringers
TYPE OF SUBSTRUCTURE - Timber Caps & T.T. Piles
REQUIREMENTS AS TO REMOVAL - To be Removed

PROPOSED STRUCTURE:
POSITION REFERRED TO PRESENT STRUCTURE - 20'-0" North
SPAN - 6 @ 30'-0"
CLEAR ROADWAY - 28'-0"
CLEAR WATERWAY - 1400 Sq. Ft.
TYPE OF SUPERSTRUCTURE - Conc. Slab & Girder Bridge
TYPE OF SUBSTRUCTURE - Conc. Caps on Steel Pipe Piles
DETOUR STRUCTURE REQUIREMENTS - Use Present Bridge
R.R. Siding - Gowanda HAUL TO BRIDGE SITE - 1/2 Mile

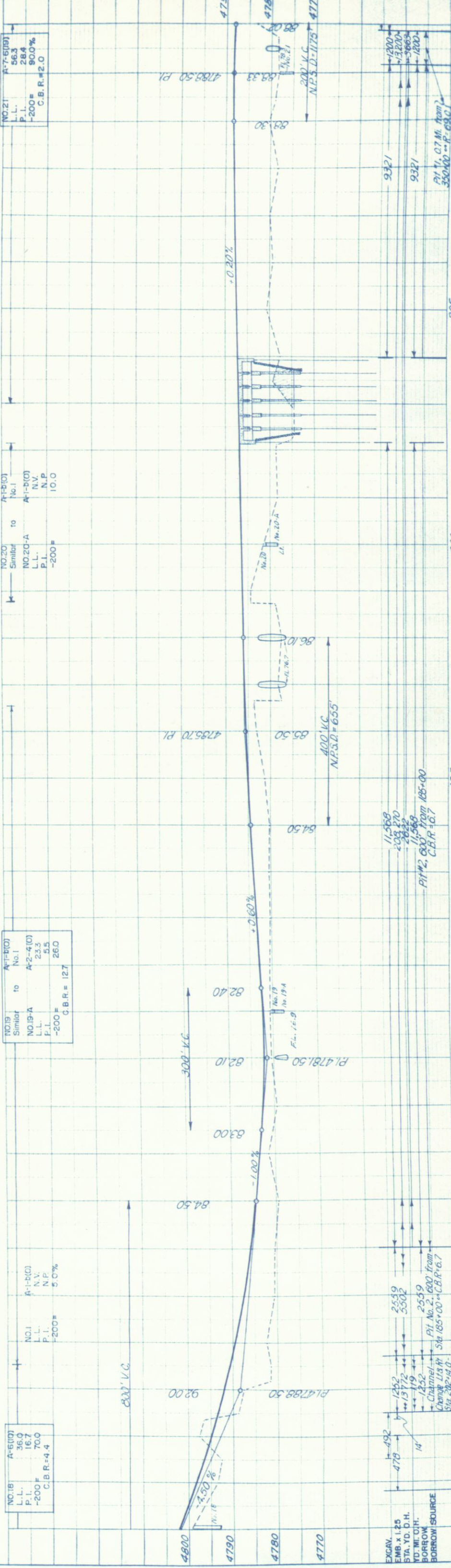
NEARBY STRUCTURE ON SAME STREAM:
WATERWAY -
RECORD DURING FLOODS -
LOCATION -

STREAM DATA:
DRAINAGE AREA IN SQ. MILES - 950
VELOCITY DURING HIGH WATER -
ELEVATION OF -
MAXIMUM HIGH WATER -
NORMAL STAGE - 4774.6
DRIFT - Medium
SCOUR -

**LOW WATER - 4774.6
STREAM BED - 4774.4**

Cleaning and Grubbing Sta. 181+ to Sta. 202+
Trees, Brush and Grass.

N.W. 1/4 Sec. 29
T. 3 N., R. 67 W.



NO. 19	Similar	A-1-B(0)	No. 1
L.L.	N.O. 19-A	A-2-4(0)	N.V.
P.I.	23.3	5.5	N.P.
-200'	-200'	26.0	10.0
C.B.R. = 12.7			

NO. 18	A-6(0)	No. 1
L.L.	36.0	N.V.
P.I.	16.7	N.P.
-200'	70.0	5.0%
C.B.R. = 4.4		

NO. 21	A-7-6(0)	No. 1
L.L.	56.3	N.V.
P.I.	28.4	N.P.
-200'	90.0%	10.0
C.B.R. = 2.0		

EXCAV. STA. 1.25
TO MC O.H.
BORROW SOURCE
Channel - Pit No. 2 600' from
Change 1/3 Rt. Sta. 185+00 - C.B.R. 6.7
Dig. 2-24-01

