

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET N.º	TOTAL SHEETS
3	COLO.	288AR#3		

Rev. 8-31-36 Add Sheet 4-A H.O.W. Rev. as Const.

COLORADO

STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. 288AR#3 STATE HIGHWAY NO. 2

MORGAN COUNTY

INDEX OF SHEETS

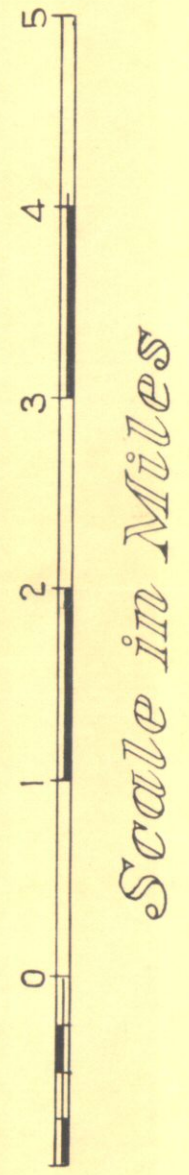
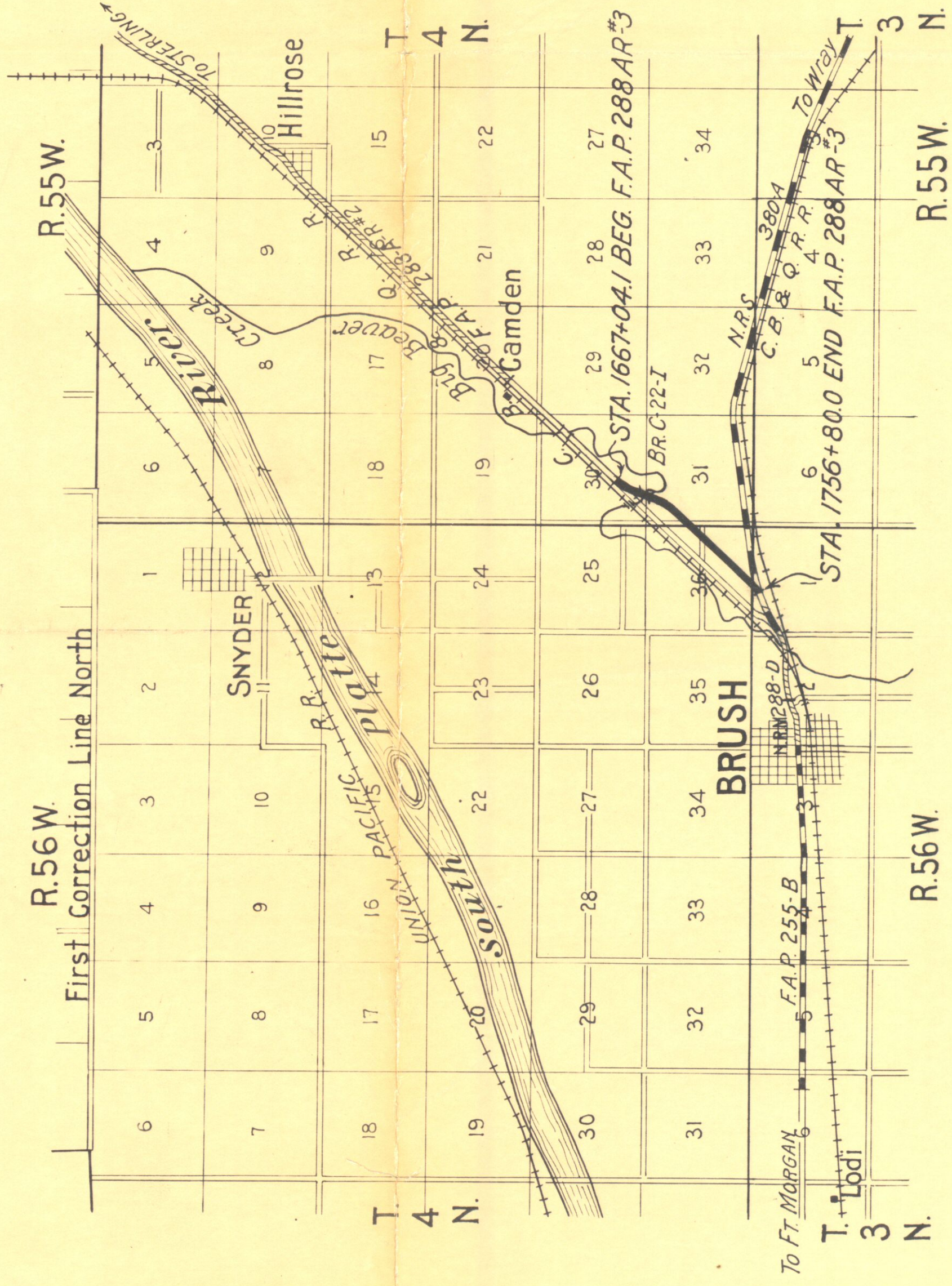
- | | | |
|--------------|--|---------|
| SHEET NO. 1- | TITLE SHEET | |
| " 2- | TYPICAL SECTION & SUMMARY | M-102E |
| " 3- | DETAILS FOR BRIDGE AT STA. 1681+4 | M-20G |
| " 4- | STANDARD HEADWALLS FOR C.M.P. CULVERTS | M-24F |
| " 5- | GUARD FENCE | M-10A |
| " 6- | WIRE FENCES & MARKER POSTS | M-1A |
| " 7- | STRUCT. NUMBER LETTERING | M-2B |
| " 8- | SUPERELEVATION & WIDENING | |
| " 9- | SIDE APPROACH ROADS & SIGNS | |
| 10-12- | PLAN & PROFILE SHEETS | |
| 13-27- | CROSS SECTIONS | |
| " 4-A | STANDARD 6'x7' CONCRETE CULVERT | M-103-D |

CONVENTIONAL SIGNS

- CENTER LINE OF SURVEY 1630
- RIGHT OF WAY LINES
- ONE QUARTER SECTION LINES
- SECTION LINES
- TOWNSHIP LINES
- BARBED WIRE FENCE
- WIRE CABLE GUARD FENCE
- RAILROADS
- POLE LINES

SCALES OF ORIGINAL TRACINGS

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 } 8,882.7 FT. = 1.682 MI.
NET LENGTH OF PROJECT }



Patrol-5

Jct. Sta. 2+54 - NE on 4th St.

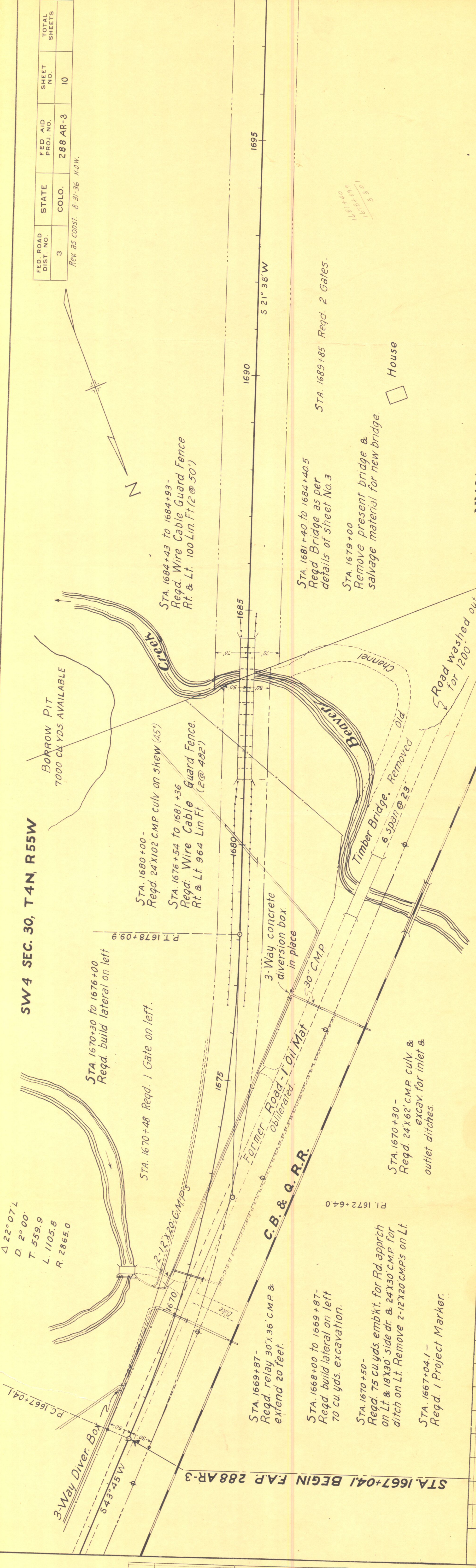
Note: It is recommended that bidders on this Project go over the plan details with one of the following field representatives of this Department: R.J. Randall, Division Engineer, located at Greeley, Colo. Wm. A. Lewis, Resident Engineer, " " Roggen, Colo.

RECOMMENDED FOR APPROVAL 1/29/36
 APPROVED *W. H. Anderson* ASSISTANT ENGINEER
 APPROVED *Charles D. Hill* STATE HIGHWAY ENGINEER
 RECOMMENDED FOR APPROVAL
 DIST. ENG. BUREAU PUBLIC ROADS
 RECOMMENDED FOR APPROVAL
 CHIEF ENG. BUREAU PUBLIC ROADS
 APPROVED
 DIRECTOR BUREAU PUBLIC ROADS

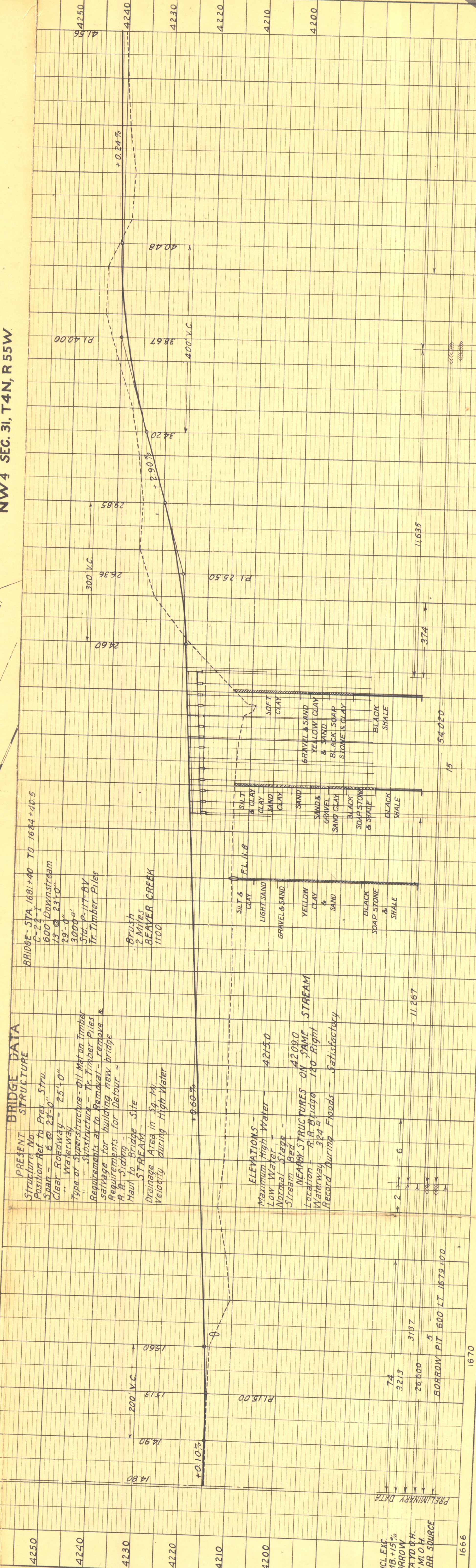
SW 4 SEC. 30, T 4N, R 55W

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	288 AR-3	10	

Rev. as const. 8-31-36 H.D.W.



NW 4 SEC. 31, T 4N, R 55W



Δ 22° 07' L
D 2° 00'
T 559.9
L 1105.8
R 2865.0

NO.	BY
PLANNED	
GRADES CHECKED	
NOTES CHECKED	
ALIGNMENT CHECKED	
MT. OF WAY CHECKED	

BRIDGE DATA

PRESENT STRUCTURE	BRIDGE DATA
Structure No. - 600	Position Ref. to Proj. - Stru. 23 @ 23'-0"
Span - 6 @ 23'-0"	Clear Roadway - 25'-0"
Waterway - 300'-0"	Type of Superstructure - Pil. Mat on Timber
Requirements for building new bridge - R.R. grading	Requirements for building new bridge - R.R. grading
Haul to Bridge Site	Drainage Area in Sq. Mi. - 11.267
Velocity during High Water	Velocity during High Water
	+0.60%

ELEVATIONS

Maximum High Water	Low Water	Normal Stage	Stream Bed
421.50	420.90	420.90	420.90
NEARBY STRUCTURES ON SAME STREAM			
Location - RR Bridge 120' Right			
Waterway - 324'			
Record during Floods - Satisfactory			

UNCL. EXC. EMB. 15% BORROW STAYD. H. VD. M. O. H. BORR. SOURCE

74	3213	3187	26,000	5	11.267
BORROW PIT 1600 LT. 1679+00.					

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	288 AR-3	11	

Rev. as constructed. H.O.W. 8-31-36

NW 4 SEC. 31, T4N, R55W

STA. 1703+50
Reqd. 40 cu yds. excav for
Rd. apprch on Lt.

STA. 1718+80 to 1729+64
Reqd. 1084 Lin. Ft. of Wire
Cable Guard Fence on Lt.

STA. 1718+80 to 1729+64
Reqd. 1084 Lin. Ft. of Wire
Cable Guard Fence on Rt.

STA. 1728+30-
Reqd. 24x30 C.M.P. on Right Side.

Sta. 1728+30 Reqd. 6'x7'x42' Concrete
Culvert

STA. 1702+50-
Reqd. 100 cu yds. embkmt for
Rd apprch on Rt.

STA. 1712+00-
Reqd. 70 cu yds. embkmt for
Rd apprchs. Rt. & Lt. & 2-18x30
side drains.

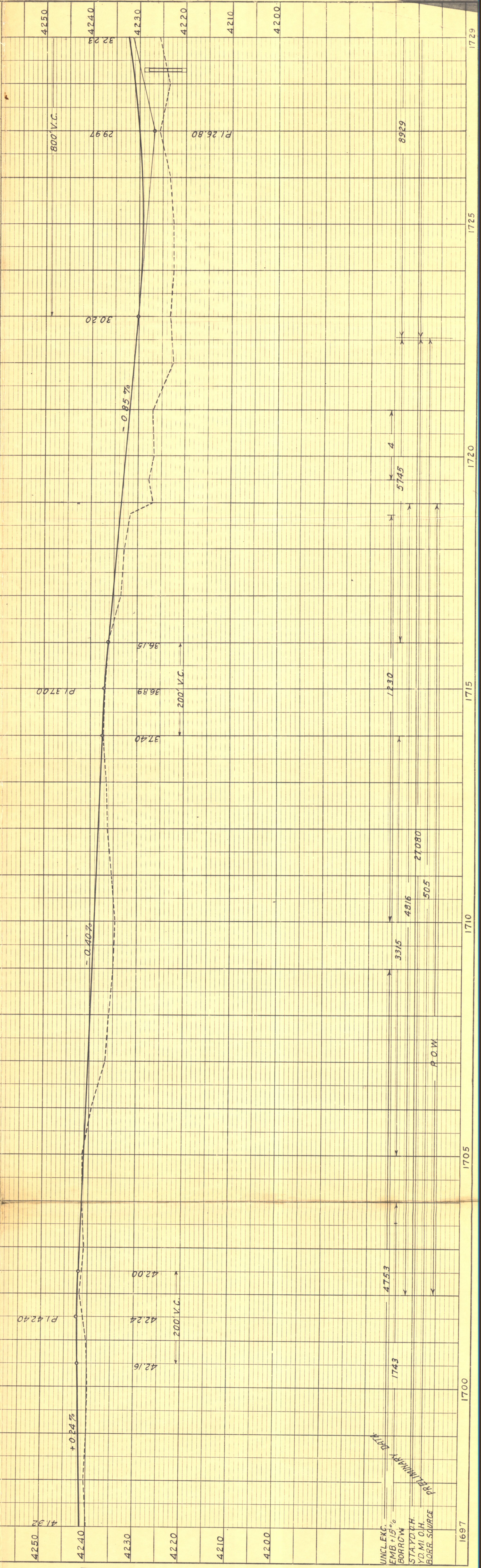
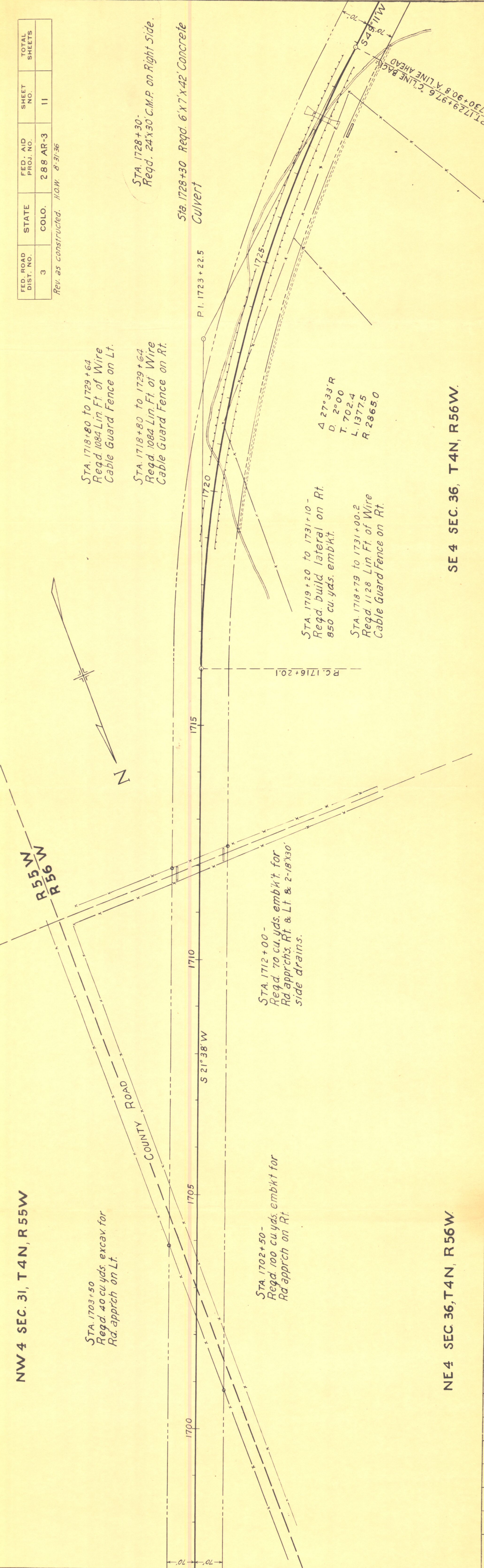
STA. 1719+20 to 1731+10-
Reqd. build lateral on Rt.
850 cu. yds. embkmt.

STA. 1718+79 to 1731+00.2
Reqd. 1128 Lin Ft. of Wire
Cable Guard Fence on Rt.

$\Delta 27^{\circ}33'R$
D. 200
T. 702.4
L. 1377.5
R. 2865.0

NE 4 SEC. 36, T4N, R56W.

SE 4 SEC. 36, T4N, R56W.



PLANNED	DATE
BY	
NO. OF WAY CHECKED	
ALIGNMENT CHECKED	
NOTE BOOK	
RT. OF WAY CHECKED	
NO.	

PROFILE	DATE
BY	
NO. OF CROSS CHECKED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK	
EMBEDDED	
PLOTTED	

UNCL. EXC.
EMB + 15%
BORROW
STAYDOWN
YD. MI. O.H.
BORR. SOURCE

PROJECT NUMBER 5077

R.O.W.

SE 4 SEC. 36, T 4 N, R 56 W

NW 4 SEC. 1, T 3 N, R 56 W

FED. ROAD DIST. NO.	STATE	ED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	288 AR-3	12	

REV. AS CONST. 8-31-36 H.M.W.

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

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
2 M.S. NOTED		
STRUCTURE NOTATIONS CHK'D.		

