

COLORADO

STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. 278-D STATE HIGHWAY NO. 8 CHEYENNE COUNTY

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M-24-E Revised
M-102-D
M-20-E Revised

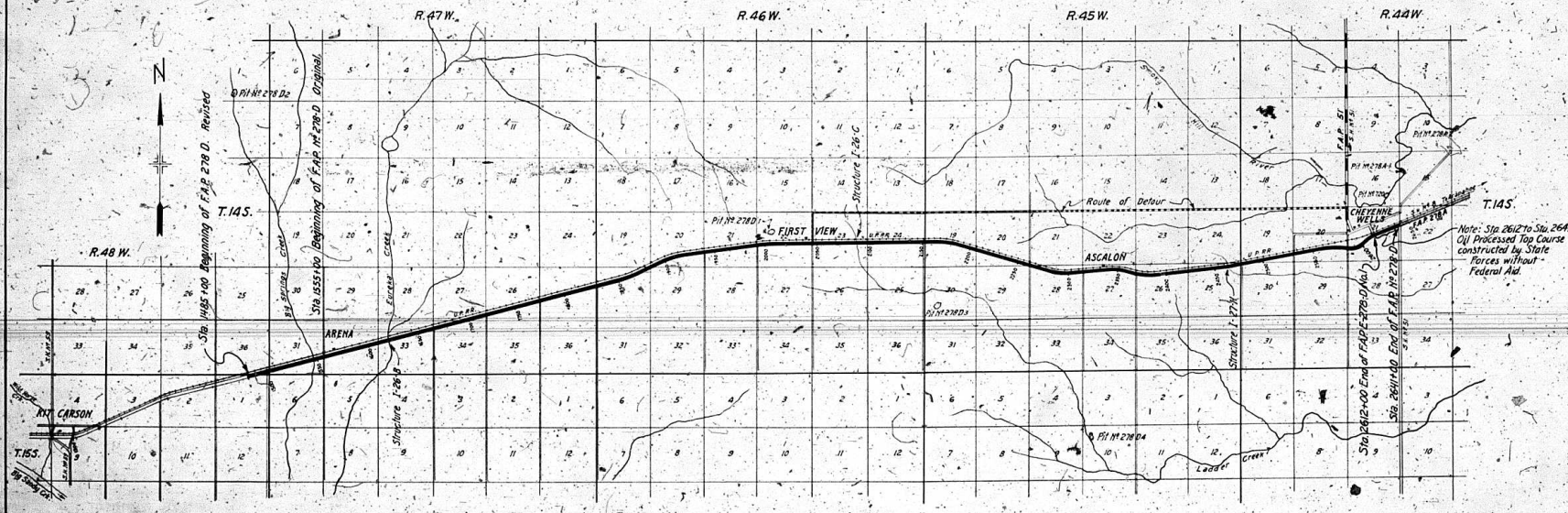
P-117-A

CONVENTIONAL SIGNS

- Center Line of Improvement.
- Right of Way Line
- Fence
- Railroad Track
- Range Line
- Section Line
- 1/4 Section Line
- Power Poles
- Telephone Poles

SCALES
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 & NET LENGTH OF ORIGINAL PROJECT 115,704.5 FT. = 21.913 MI.
GROSS & NET LENGTH OF PROJECT E-278-D NO. 1 112,700.0 FT. = 21.344 MI.



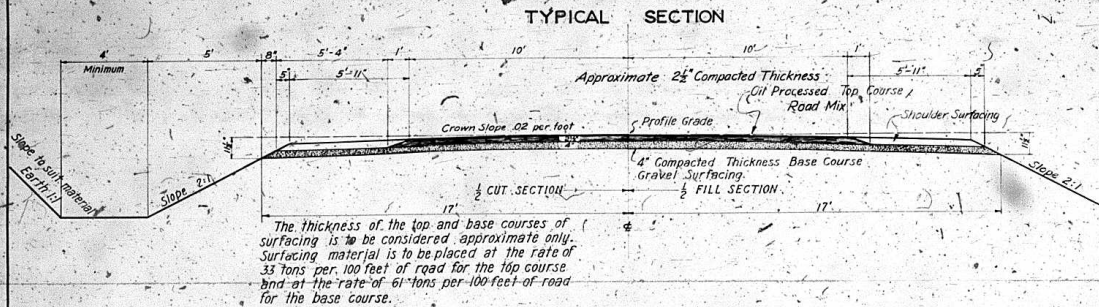
Note: Sta. 2612 to Sta. 2641
City Processed Top Course
constructed by State
Forces without
Federal Aid.

RECOMMENDED FOR APPROVAL C-8-31
John H. Carson
ASSISTANT ENGINEER
STATE HIGHWAY ENGINEER
RECOMMENDED FOR APPROVAL
SIEVE, ENR. BUREAU PUBLIC ROADS
RECOMMENDED FOR APPROVAL
CHIEF ENR. BUREAU PUBLIC ROADS
APPROVED
DIRECTOR BUREAU PUBLIC ROADS

Scale, 1" = 1 Mile.

TYPICAL CROSS SECTION OF IMPROVEMENT AND SUMMARY OF QUANTITIES

NO. 1011
DATE: E-278-D
REV. 10/17/71
BY: J. L. HARRIS
CHECKED: J. L. HARRIS
APPROVED: J. L. HARRIS



The thickness of the top and base courses of surfacing is to be considered approximate only. Surfacing material is to be placed at the rate of 33 tons per 100 feet of road for the top course and at the rate of 61 tons per 100 feet of road for the base course.

GENERAL NOTES

This project is to be constructed in conformity with Standard Specifications of the Colorado State Highway Department, adopted on January 1, 1930.
All quantities on preliminary plans are to be considered as approximate only.
All pipe cross culverts are to be provided with one headwall, that on the inlet end, unless otherwise noted.

All curves are to be superelevated to a maximum amount as determined by the following formula: $\text{Superelevation in Feet} = 0.005 \times D \times W$ in which D is degree of curvature and W is width of roadway in feet. In no case, however, shall a superelevation of 0.0833 per foot of roadway be exceeded. The inside shoulder shall remain 5' below profile grade, the outside shoulder, to be the high point of the section, the section is to be standard except that a 1' crown is to be used. The change from standard to superelevation section is to take place over a distance of 100' half on curve and half on approaching tangent.

All roadway excavation required to construct the project is to be obtained as indicated on plans. Quantities involved outside the limits of ditch and cut sections as shown on the typical section, either noted on profile as 'Borrow' or in the list of structures as 'Embankment', are to be classified and paid for as 'Unclassified Excavation' and are to be staked as part of the original excavation at locations indicated on the plans. Slope stakes beyond the limits of the typical section are subject to change by the Engineer to fit embankment requirements actually encountered during construction.

No overhaul on surfacing material will be paid for on this project. The contract prices on surfacing material shall include all hauling.
During construction of a project between Sta 1485 and Sta 2045 traffic will use the present travelled roadway and traffic must be adequately provided for at the Contractor's expense. Before proceeding with construction between Sta. 1485 and 2045 the Contractor must obtain from the Engineer written approval of the proposed method of construction, and methods of handling traffic during construction.
See Sheet 2A for quantities for Oiling Project E-278-D Const. Div. No. 1.

SUMMARY OF APPROXIMATE QUANTITIES (ORIGINAL CONSTRUCTION)

NO.	ITEM	UNIT	ROADWAY EXTENSION	BRIDGE	BRIDGE	BRIDGE	BRIDGE	TOTAL
			1485-2045	2045-2110	2110-2175	2175-2240	2240-2305	
10	Remove 24 Structures	sq. yd.						
11	Culvert, Sta. 2045	Lin. Ft.	3300	514				
12	Fence	CU	25100.5	1519				633.4
13	Unclassified Excavation	CU						2610.5
14	Dry Rock (Struct)							
15	Well Rock							
16	Common							
17	Gravel							
18	Gravel Overhaul	CU	68232.6	1746				70174.4
19	Wire Cable Guard Fence	CU	32577	27				32604
20	Gravel in Grouted Rock Surfacing	CU	4270					4270
21	Gravel in Grouted Rock Surfacing	CU						
22	Gravel in Grouted Rock Surfacing	CU						
23	Gravel in Grouted Rock Surfacing	CU						
24	Gravel in Grouted Rock Surfacing	CU						
25	Gravel in Grouted Rock Surfacing	CU						
26	Gravel in Grouted Rock Surfacing	CU						
27	Gravel in Grouted Rock Surfacing	CU						
28	Gravel in Grouted Rock Surfacing	CU						
29	Gravel in Grouted Rock Surfacing	CU						
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41	Gravel in Grouted Rock Surfacing	CU						
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99	Gravel in Grouted Rock Surfacing	CU						
100	Gravel in Grouted Rock Surfacing	CU						

FENCING				GATES				ROW MARKERS					
STATIONS	SIDE	REMOVE	BUILD	STATIONS	SIDE	NO.		STATIONS	SIDE	NO.	STATIONS	SIDE	NO.
1535+00 - 1561+40	R.	1500	1360	1562+00	R.	1		1562+00	R.	1	1562+00	R.	2
1561+40 - 1571+40	R.		1100	1571+40	R.	2		1571+40	R.	2	1571+40	R.	3
1571+40 - 1581+40	R.	2100	2140	1582+00	R.	3		1582+00	R.	3	1582+00	R.&L.	4
1581+40 - 1591+40	R.		2510	1591+40	R.	4		1591+40	R.	4	1591+40	R.	5
1591+40 - 1711+40	R.	5500	5470	1700+00	R.	1		1610+00	R.	1	1610+00	R.	6
1711+40 - 1841+40	R.	6900	6830	1853+00	R.	1		1851+00	R.	1	1851+00	R.&L.	7
1841+00 - 1853+40	R.	3900	3900	1854+00	R.	2		1853+00	R.	2	1853+00	R.	8
1853+00 - 1929+40	R.	5100	5060	1923+00	R.	1		1923+00	R.	1	1923+00	R.	9
1929+100 - 2023+40	R.	1020	1060	2034+00	R.	1		2034+00	R.	1	2034+00	R.&L.	10
2023+100 - 2033+40	R.	1060	1060	2039+00	R.	1		1925+00	R.&L.	2	2035+30	R.	11
2033+100 - 2037+40	R.	1060	1060	2040+00	R.	1		2040+00	R.	1	2040+00	R.	12
2037+100 - 2042+40	R.	560	560	2043+00	R.	1		2043+00	R.	1	2043+00	R.	13
2042+100 - 2047+40	R.	500	500	2048+00	R.	1		2048+00	R.	1	2048+00	R.	14
2047+100 - 2052+40	R.	500	500	2053+00	R.	1		2053+00	R.	1	2053+00	R.	15
2052+100 - 2057+40	R.	500	500	2058+00	R.	1		2058+00	R.	1	2058+00	R.	16
2057+100 - 2062+40	R.	500	500	2063+00	R.	1		2063+00	R.	1	2063+00	R.	17
2062+100 - 2067+40	R.	500	500	2068+00	R.	1		2068+00	R.	1	2068+00	R.	18
2067+100 - 2072+40	R.	500	500	2073+00	R.	1		2073+00	R.	1	2073+00	R.	19
2072+100 - 2077+40	R.	500	500	2078+00	R.	1		2078+00	R.	1	2078+00	R.	20
2077+100 - 2082+40	R.	500	500	2083+00	R.	1		2083+00	R.	1	2083+00	R.	21
2082+100 - 2087+40	R.	500	500	2088+00	R.	1		2088+00	R.	1	2088+00	R.	22
2087+100 - 2092+40	R.	500	500	2093+00	R.	1		2093+00	R.	1	2093+00	R.	23
2092+100 - 2097+40	R.	500	500	2098+00	R.	1		2098+00	R.	1	2098+00	R.	24
2097+100 - 2102+40	R.	500	500	2103+00	R.	1		2103+00	R.	1	2103+00	R.	25
2102+100 - 2107+40	R.	500	500	2108+00	R.	1		2108+00	R.	1	2108+00	R.	26
2107+100 - 2112+40	R.	500	500	2113+00	R.	1		2113+00	R.	1	2113+00	R.	27
2112+100 - 2117+40	R.	500	500	2118+00	R.	1		2118+00	R.	1	2118+00	R.	28
2117+100 - 2122+40	R.	500	500	2123+00	R.	1		2123+00	R.	1	2123+00	R.	29
2122+100 - 2127+40	R.	500	500	2128+00	R.	1		2128+00	R.	1	2128+00	R.	30
2127+100 - 2132+40	R.	500	500	2133+00	R.	1		2133+00	R.	1	2133+00	R.	31
2132+100 - 2137+40	R.	500	500	2138+00	R.	1		2138+00	R.	1	2138+00	R.	32
2137+100 - 2142+40	R.	500	500	2143+00	R.	1		2143+00	R.	1	2143+00	R.	33
2142+100 - 2147+40	R.	500	500	2148+00	R.	1		2148+00	R.	1	2148+00	R.	34
2147+100 - 2152+40	R.	500	500	2153+00	R.	1		2153+00	R.	1	2153+00	R.	35
2152+100 - 2157+40	R.	500	500	2158+00	R.	1		2158+00	R.	1	2158+00	R.	36
2157+100 - 2162+40	R.	500	500	2163+00	R.	1		2163+00	R.	1	2163+00	R.	37
2162+100 - 2167+40	R.	500	500	2168+00	R.	1		2168+00	R.	1	2168+00	R.	38
2167+100 - 2172+40	R.	500	500	2173+00	R.	1		2173+00	R.	1	2173+00	R.	39
2172+100 - 2177+40	R.	500	500	2178+00	R.	1		2178+00	R.	1	2178+00	R.	40
2177+100 - 2182+40	R.	500	500	2183+00	R.	1		2183+00	R.	1	2183+00	R.	41
2182+100 - 2187+40	R.	500	500	2188+00	R.	1		2188+00	R.	1	2188+00	R.	42
2187+100 - 2192+40	R.	500	500	2193+00	R.	1		2193+00	R.	1	2193+00	R.	43
2192+100 - 2197+40	R.	500	500	2198+00	R.	1		2198+00	R.	1	2198+00	R.	44
2197+100 - 2202+40	R.	500	500	2203+00	R.	1		2203+00	R.	1	2203+00	R.	45
2202+100 - 2207+40	R.	500	500	2208+00	R.	1		2208+00	R.	1	2208+00	R.	46
2207+100 - 2212+40	R.	500	500	2213+00	R.	1		2213+00	R.	1	2213+00	R.	47
2212+100 - 2217+40	R.	500	500	2218+00	R.	1		2218+00	R.	1	2218+00	R.	48
2217+100 - 2222+40	R.	500	500	2223+00	R.	1		2223+00	R.	1	2223+00	R.	49
2222+100 - 2227+40	R.	500	500	2228+00	R.	1		2228+00	R.	1	2228+00	R.	50
2227+100 - 2232+40	R.	500	500	2233+00	R.	1		2233+00	R.	1	2233+00	R.	51
2232+100 - 2237+40	R.	500	500	2238+00	R.	1		2238+00	R.	1	2238+00	R.	52
2237+100 - 2242+40	R.	500	500	2243+00	R.	1		2243+00	R.	1	2243+00	R.	53
2242+100 - 2247+40	R.	500	500	2248+00	R.	1		2248+00	R.	1	2248+00	R.	54
2247+100 - 2252+40	R.	500	500	2253+00	R.	1		2253+00	R.	1	2253+00	R.	55
2252+100 - 2257+40	R.	500	500	2258+00	R.	1		2258+00	R.	1	2258+00	R.	56
2257+100 - 2262+40	R.	500	500	2263+00	R.	1		2263+00	R.	1	2263+00	R.	57
2262+100 - 2267+40	R.	500	500	2268+00	R.	1		2268+00	R.	1	2268+00	R.	58
2267+100 - 2272+40	R.	500	500	2273+00	R.	1		2273+00	R.	1	2273+00	R.	59
2272+100 - 2277+40	R.	500	500	2278+00	R.	1		2278+00	R.	1	2278+00	R.	60
2277+100 - 2282+40	R.	500	500	2283+00	R.	1		2283+00	R.	1	2283+00	R.	61
2282+100 - 2287+40	R.	500	500	2288+00	R.	1		2288+00	R.	1	2288+00	R.	62
2287+100 - 2292+40	R.	500	500	2293+00	R.	1		2293+00	R.	1	2293+00	R.	63
2292+100 - 2297+40	R.	500	500	2298+00	R.	1		2298+00	R.	1	2298+00	R.	64
2297+100 - 2302+40	R.	500	500	2303+00	R.	1		2303+00	R.	1	2303+00	R.	65
2302+100 - 2307+40	R.	500	500	2308+00	R.	1		2308+00	R.	1	2308+00	R.	66
2307+100 - 2312+40	R.	500	500	2313+00	R.	1		2313+00	R.	1	2313+00	R.	67
2312+100 - 2317+40	R.	500	500	2318+00	R.	1		2318+00	R.	1	2318+00	R.	68
2317+100 - 2322+40	R.	500	500	2323+00	R.	1		2323+00	R.	1	2323+00	R.	69
2322+100 - 2327+40	R.	500	500	2328+00	R.	1		2328+00	R.	1	2328+00	R.	70
2327+100 - 2332+40	R.	500	500	2333+00	R.	1		2333+00	R.	1	2333+00	R.	71
2332+100 - 2337+40	R.	500	500	2338+00	R.	1		2338+00	R.	1	2338+00	R.	72
2337+100 - 2342+40	R.	500	500	2343+00	R.	1		2343+00	R.	1	2343+00	R.	73
2342+100 - 2347+40	R.	500	500	2348+00	R.	1		2348+00	R.	1	2348+00	R.	74
2347+100 - 2352+40	R.	500	500	2353+00	R.	1		2353+00	R.	1	2353+00	R.	75
2352+100 - 2357+40	R.	500	500	2358+00	R.	1		2358+00	R.	1	2358+00	R.	76
2357+100 - 2362+40	R.	500	500	2363+00	R.	1		2363+00	R.	1	2363+00	R.	77
2362+100 - 2367+40	R.	500	500	2368+00	R.	1		2368+00	R.	1	2368+00	R.	78
2367+100 - 2372+40	R.	500	500	2373+00	R.	1		2373+00	R.	1	2373+00	R.	79
2372+100 - 2377+40	R.	500	500	2378+00	R.	1		2378+00	R.	1	2378+00	R.	80
2377+100 - 2382+40	R.	500	500	2383+00	R.	1		2383+00	R.	1	2383+00	R.	81
2382+100 - 2387+40	R.	500	500	2388+00	R.	1		2388+00	R.	1	2388+00	R.	82
2387+100 - 2392+40	R.	500	500	2393+00	R.	1		2393+00	R.	1	2393+00	R.	83
2392+100 - 2397+40	R.	500	500	2398+00	R.	1		2398+00	R.	1	2398+00	R.	84
2397+100 - 2402+40	R.	500	500	2403+00	R.	1		2403+00	R.	1	2403+00	R.	85
2402+100 - 2407+40	R.	500	500	2408+00	R.	1		2408+00	R.	1	2408+00	R.	86
2407+100 - 2412+40	R.	500	500	2413+00	R.	1		2413+00	R.	1	2413+00	R.	87
2412+100 - 2417+40	R.	500	500	2418+00	R.	1		2418+00	R.	1	2418+00	R.	88
2417+100 - 2422+40	R.	500	500	2423+00	R.	1		2423+00	R.	1	2423+00	R.	89
2422+100 - 2427+40	R.	500	500	2428+00	R.	1		2428+00	R.	1	2428+00	R.	90
2427+100 - 2432+40	R.	500	500	2433+00	R.	1		2433+00	R.	1	2433+00	R.	91
2432+100 - 2437+40	R.	500	500	2438+00	R.	1		2438+00	R.	1	2438+00	R.	92
2437+100 - 2442+40	R.	500	500	2443+00	R.	1		2443+00	R.	1	2443+00	R.	93
2442+100 - 2447+40	R.	500	500	2448+00	R.	1		2448+00	R.	1	2448+00	R.	94
2447+100 - 2452+40	R.	500	500	2453+00	R.	1		2453+00	R.	1	2453+00	R.	95
2452+100 - 2457+40	R.	500	500	2458+00	R.	1		2458+00	R.	1	2458+00	R.	96
2457+100 - 2462+40	R.	500	500	2463+00	R.	1		2463+00	R.	1	2463+00	R.	97
2462+100 - 2467+40	R.	500	500	2468+00	R.	1		2468+00	R.	1	2468+00	R.	98
2467+100 - 2472+40	R.	500	500	2473+00	R.	1		2473+00	R.	1	2473+00	R.	99
2472+100 - 2477+40	R.	500	500	2478+00	R.	1		2478+00	R.	1	2478+00	R.	100
2477+100 - 2482+40	R.	500	500	2483+00	R.	1		2483+00	R.	1	2483+00	R.	101
2482+100 - 2487+40	R.	500	500	2488+00	R.	1		2488+00	R.	1	2488+00	R.	102
2487+100 - 2492+4													

TYPICAL CROSS SECTION OF IMPROVEMENT AND SUMMARY OF QUANTITIES

PROJECT E-278-D CONST. DIV. NO. 1

GENERAL NOTES

This Project is to be constructed in conformity with the Standard Specifications of the Colorado State Highway Dept. adopted Jan. 1, 1930.

All quantities on preliminary plans are to be considered as approximate only.

All curves are to be superelevated as shown on the Standard Superelevation Sheet.

The base course oiling is to be done over an area 24 ft wide, over the entire project except bridges.

Typical cross-section of improvement is shown on Sheet No. 2 of plans.

Shoulder surfacing is to be placed at the rate of 10 cu yds. per 100 ft. of roadway.

SUMMARY OF APPROXIMATE QUANTITIES

NO.	ITEM	UNIT	QUANTITY
31a	Road Mix Oil Processed Surfacing	Ton	38,400
31x	Shoulder Surfacing	Cu Yd	12,000
38a	Base Course Oiling	Gal.	226,000
38b	Base Course Preparation	Mile	21.314
MATERIALS TO BE FURNISHED AND WORK TO BE DONE BY STATE FORCES			
38c	MC-1 Asphaltic Road Material	Gal.	226,000
31y	SC-3	"	519,000
102	Stabilizing Base Course	Lp Sum	
ITEMS NOT RECEIVING FEDERAL AID			
32a	Oil Processed Surfacing for Stock Piles (To be piled as designated by Engineer, near Firstview)	Ton	1150
31y	SC-3 Asphaltic Road Material	Gal.	16,000

APPROACH ROADS

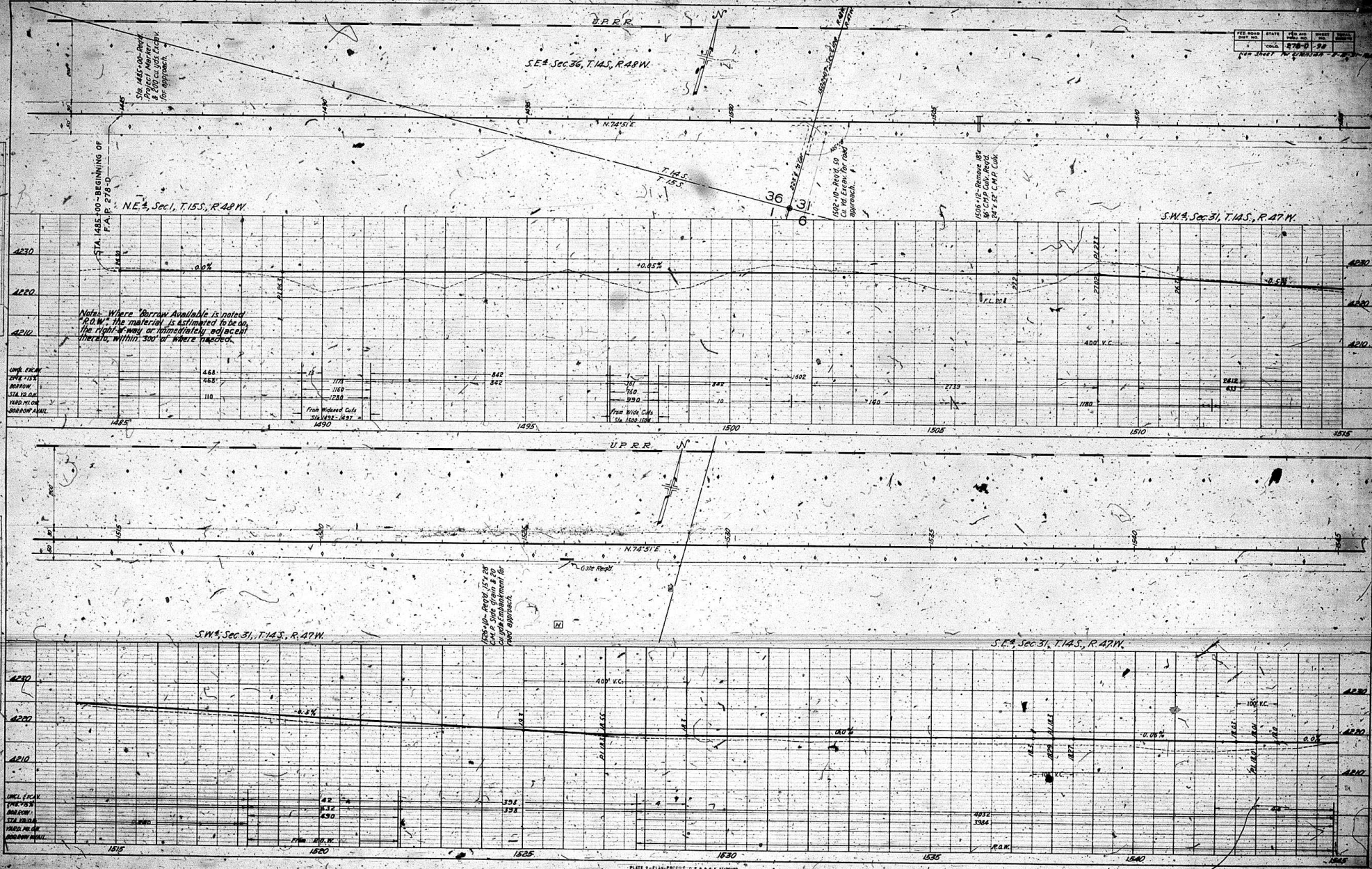
At the locations tabulated below, Oil Processed Surfacing is to be placed, approximate compacted thickness 2", to produce a processed approach to the project. The quantities involved in these approaches are listed as follows:

STA.	TONS	STA.	TONS
1502+00	20	2151+80	20
1526+20	20	2255+00	20
1556+00	40	2261+00	40
1568+00	40	2287+00	20
1601+75	20	2288+00	20
1665+00	20	2314+75	20
1679+00	20	2333+00	20
1719+80	20	2336+00	40
1725+62	20	2367+00	20
1775+00	20	2368+30	40
1800+00	20	2421+90	20
1829+50	20	2423+25	20
1855+00	20	2460+00	20
1883+30	20	2461+00	20
1884+30	40	2475+40	40
1911+60	40	2483+00	20
1938+20	20	2494+00	20
1939+10	20	2496+00	20
1992+25	20	2529+00	20
2019+00	20	2530+60	40
2032+45	20	2531+00	20
2037+00	20	2540+00	20
2039+00	20	2570+80	40
2041+00	20	2574+30	40
2044+00	20		
2044+90	40		
2149+00	20		
		TOTAL	1260

PLAN	DATE
PROJECT	
PROPERTY	
BY	
DATE	
BY	
DATE	

PROFILE	DATE
PROJECT	
PROPERTY	
BY	
DATE	
BY	
DATE	

SEE SHEET	STATE	DATE	PROJECT
1	INDIA	1978-9	98



STRUCTURE NOTES

Present Structure	Proposed Structure: Std P17A, Type B
Span: 20'0"	Position referred to present structure: Same
Clear roadway	Span: 20'0"
Clear waterway: 88'	
Type of superstructure: Unit Time	Clear roadway: 25'
Type of substructure: Conc. Abut. & Pen. Clear waterway: 185 Sq. Ft.	
Requirements as to removal: Complete	Type of superstructure: Trilled

Stream Data	Type of substructure, Pile size
Drainage area in Sq.mt	Design structure requirements
Velocity during high water	
Elevation of Max. High water	R.R. Siding Area
" " " " " "	Need to bridge stile
" " " " " "	Naachy structures on same
" " " " " "	stream
Drift	R.R. Pile Bridge
Scour	Location 400' North
	Waterway 90'
	Record during floods

NOTE: Where "Borrow Available" is noted on R.A.W., the material is estimated to be on the right-of-way or immediately adjacent thereto, within 300' of where needed.

4230
4220
4210

Uncl. Excav.
Emb. + 15%
Borrow
Sta. Yd. O.H.
Yard. Mile O.H.
Borrow Avail.

SW⁴, Sec. 32, T. 14 S., R. 47 W.

'S.E. 4, Sec 32, T. 14 S., R. 47 W.'

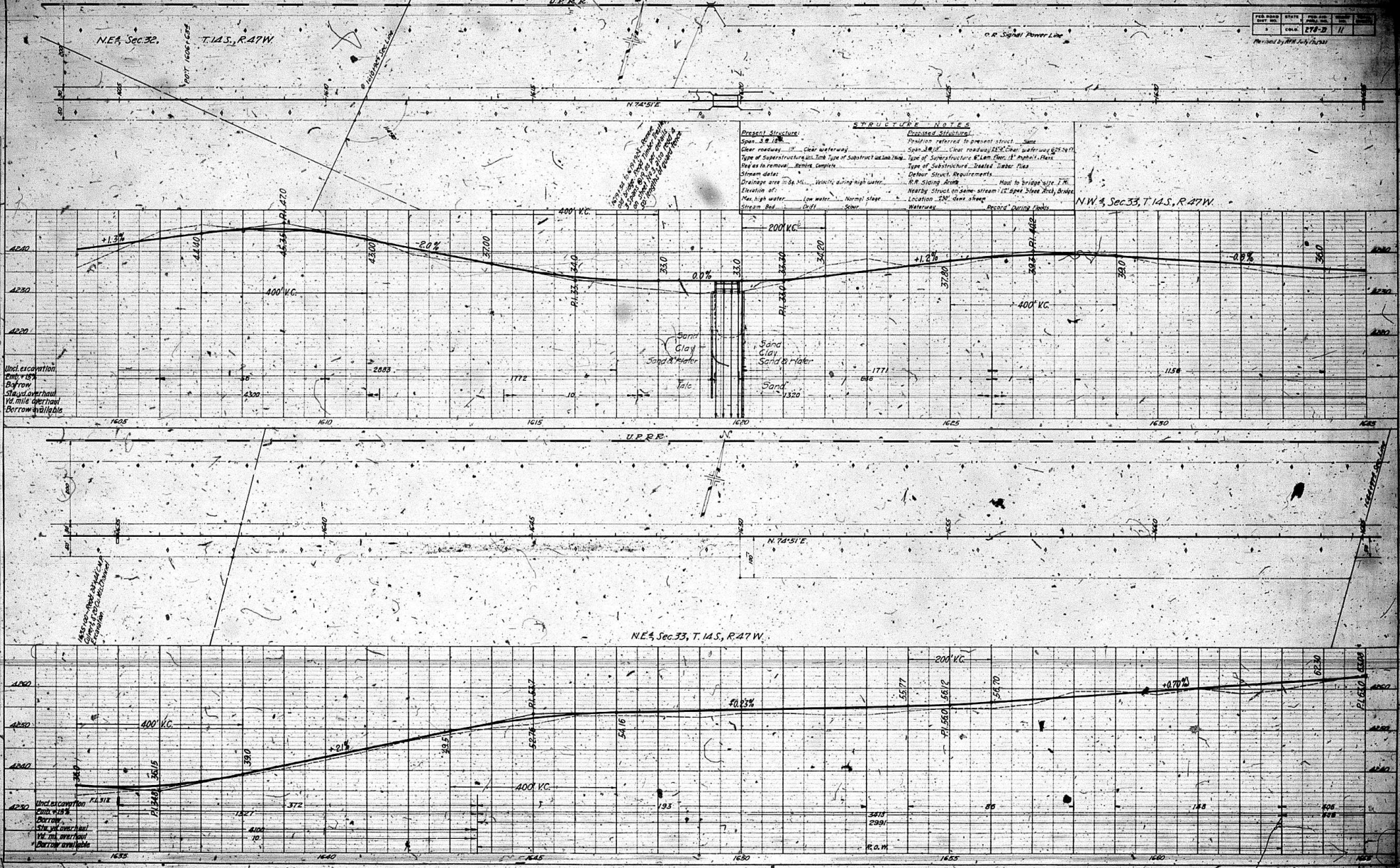
2210	

Uncl. Excess
Emph. = 25%
Borrow
Sta. Vel. 0.11
Vard. MIL. 0.11
Borrow. 0.11

NE 1/4 Sec 32, T.14S, R.47W

PLAN	PROFILE
NOTE: ROAD TO BE CONSTRUCTED	
NOTE: ROAD TO BE CONSTRUCTED	

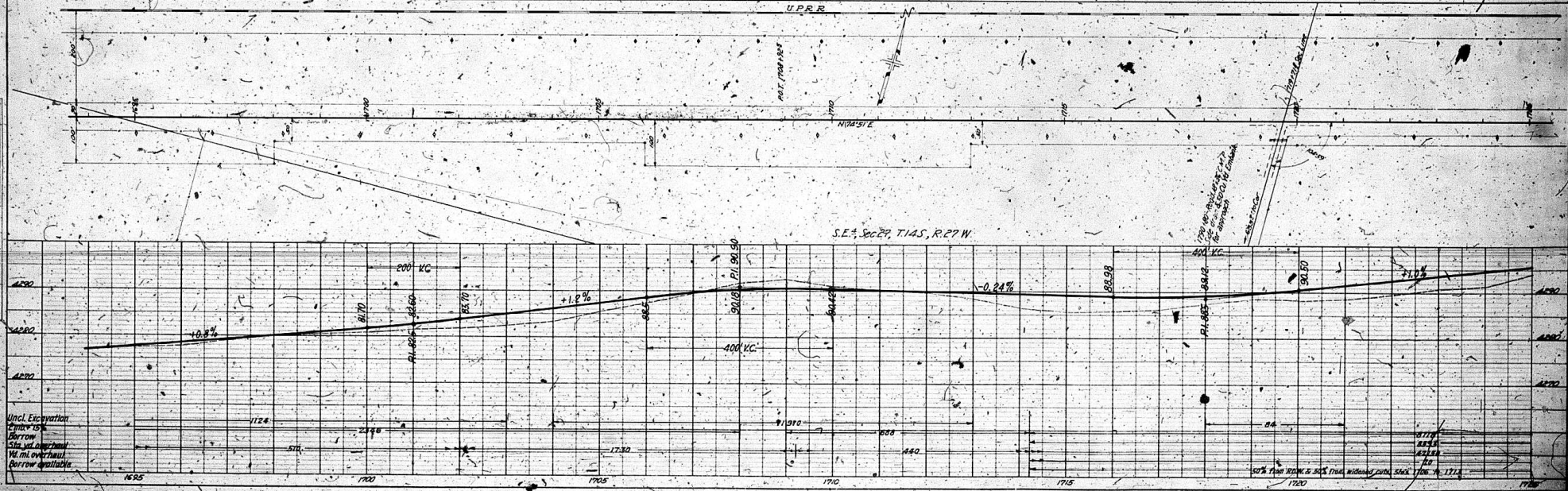
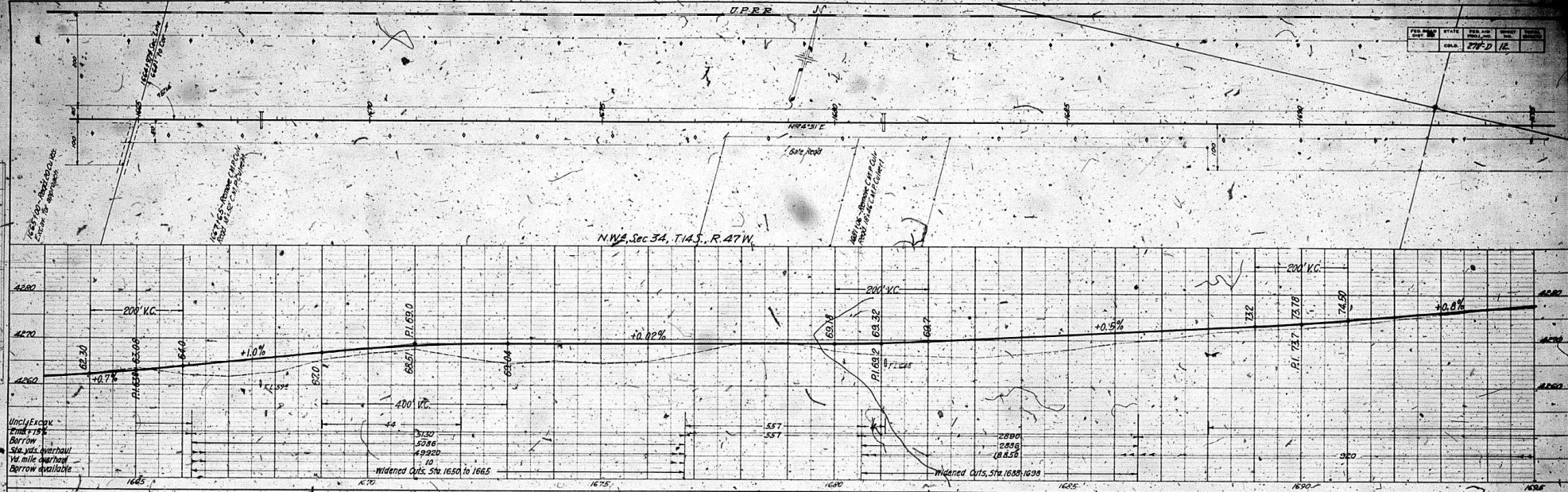
PROFILE	PLAN
NOTE: ROAD TO BE CONSTRUCTED	
NOTE: ROAD TO BE CONSTRUCTED	



NE 1/4 Sec 33, T.14S, R.47W

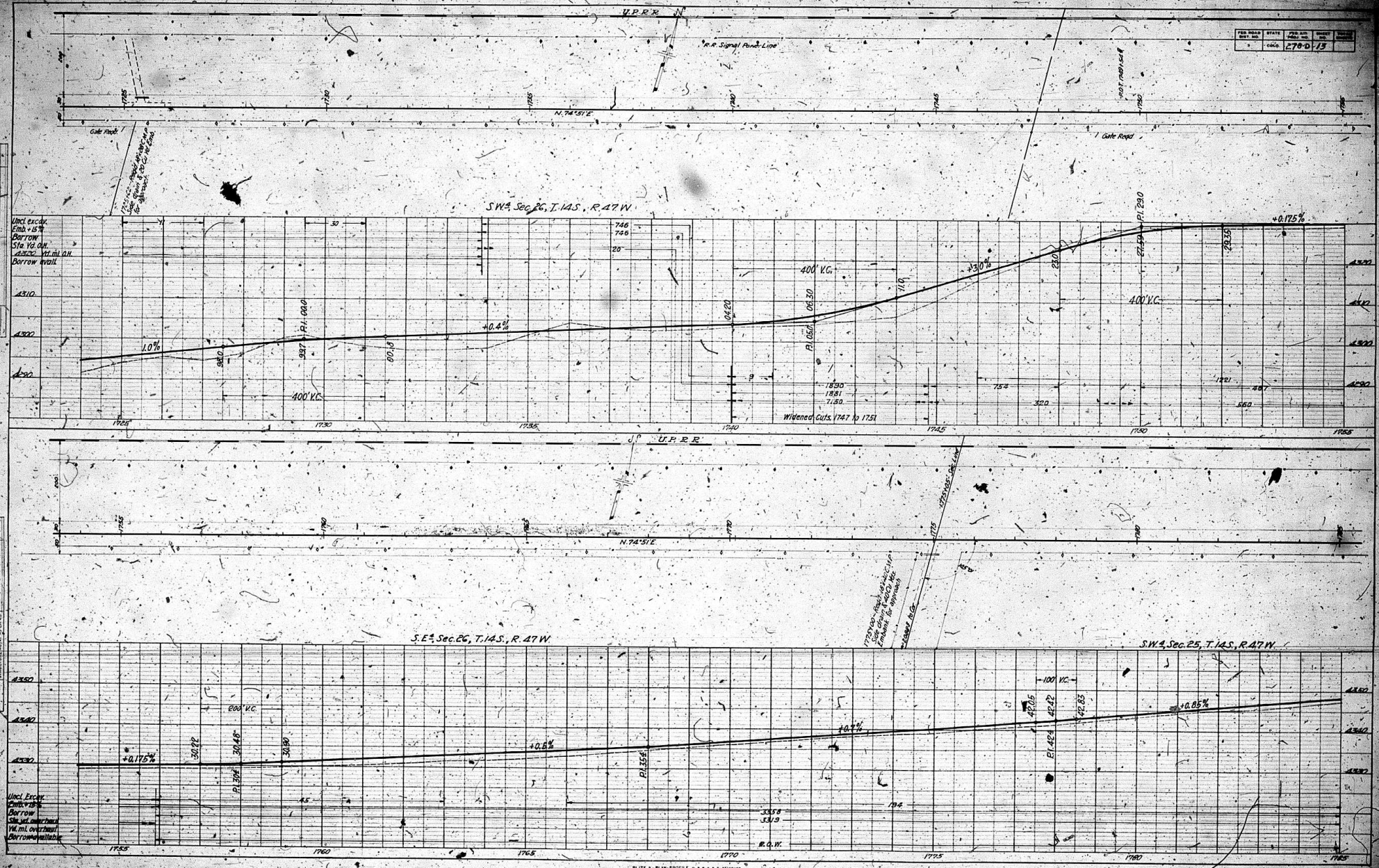
PLAN
SECTION
DATE
BY
CHECKED
APPROVED

PROFILE
SECTION
DATE
BY
CHECKED
APPROVED



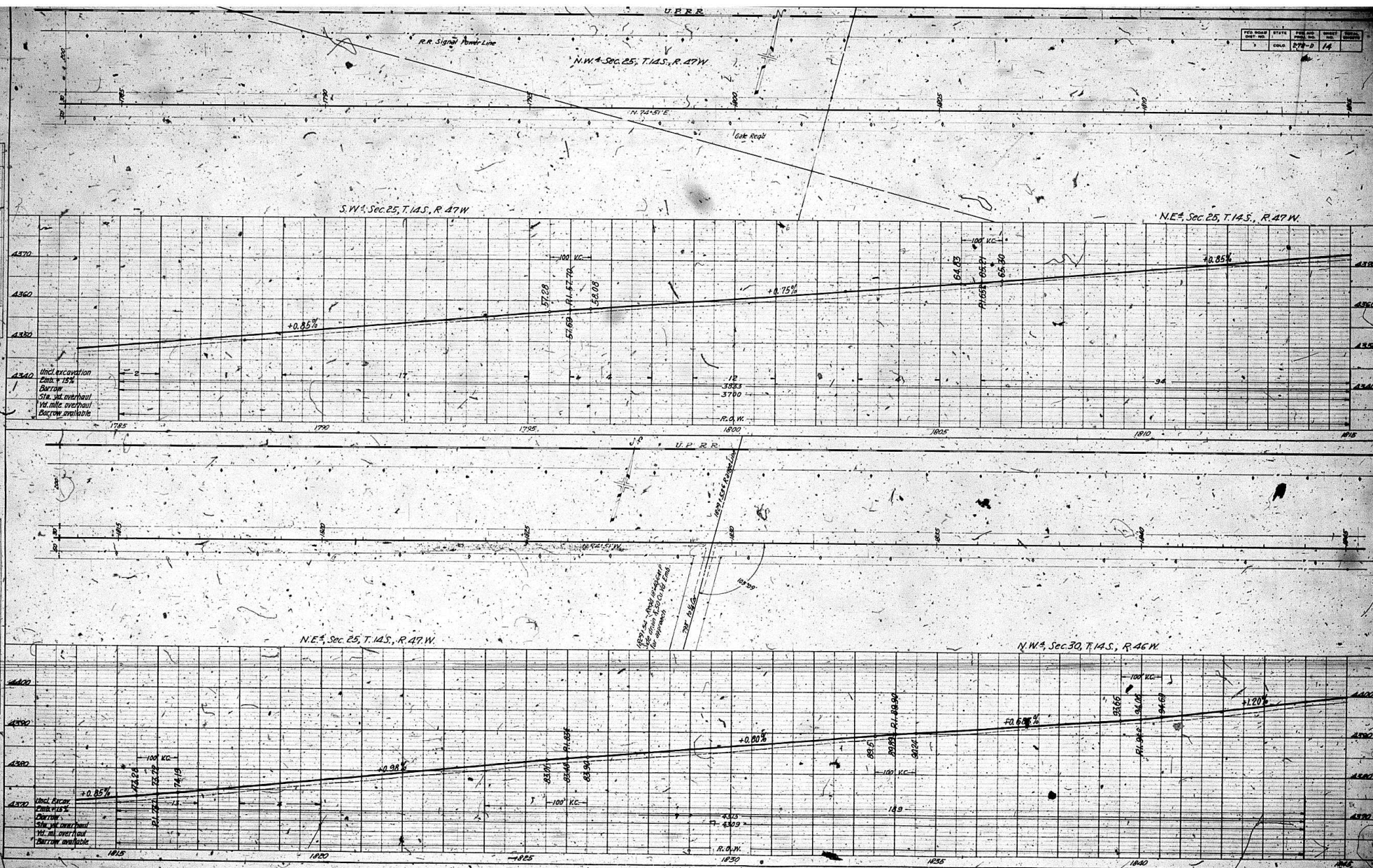
PLAN
 REVISIONS
 1. 10/1/13
 2. 10/1/13
 3. 10/1/13
 4. 10/1/13
 5. 10/1/13
 6. 10/1/13
 7. 10/1/13
 8. 10/1/13
 9. 10/1/13
 10. 10/1/13

PROFILE
 REVISIONS
 1. 10/1/13
 2. 10/1/13
 3. 10/1/13
 4. 10/1/13
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 6. 10/1/13
 7. 10/1/13
 8. 10/1/13
 9. 10/1/13
 10. 10/1/13

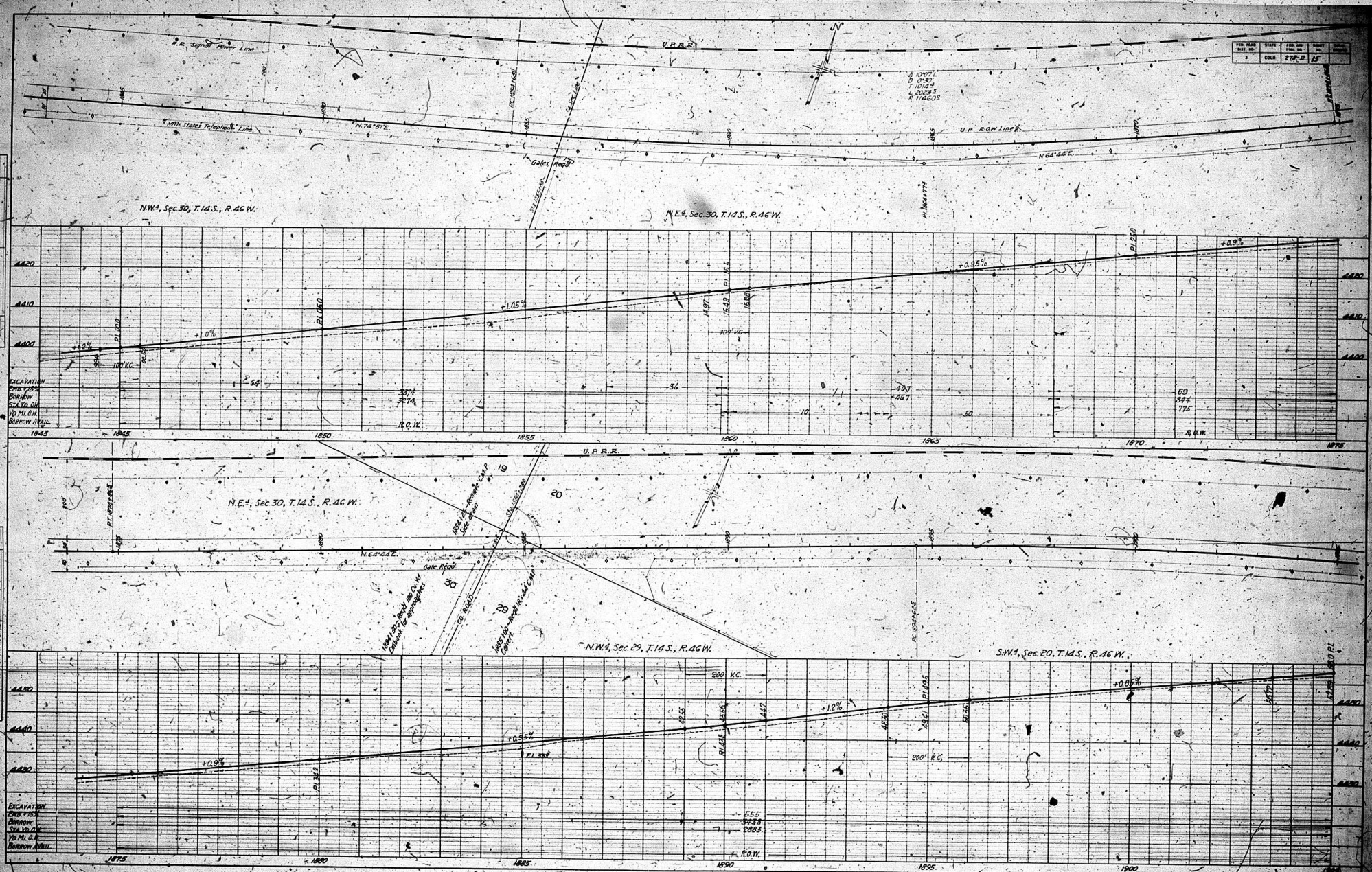


PLAN
 DRAWN BY
 CHECKED BY
 DATE
 SHEET NO. 14

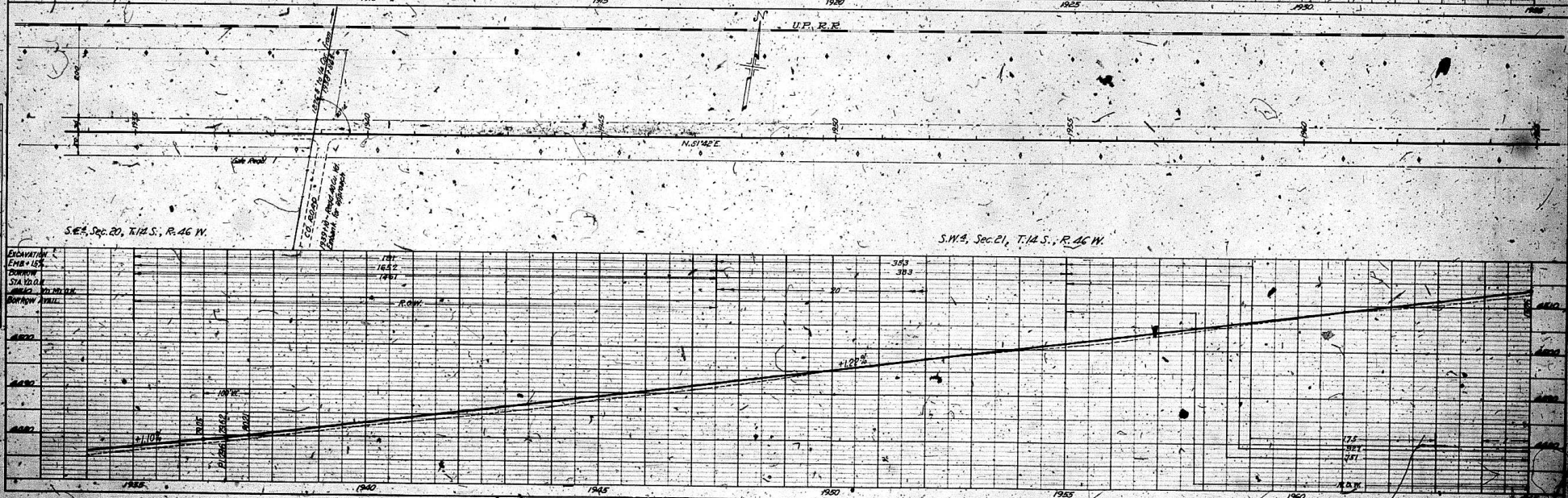
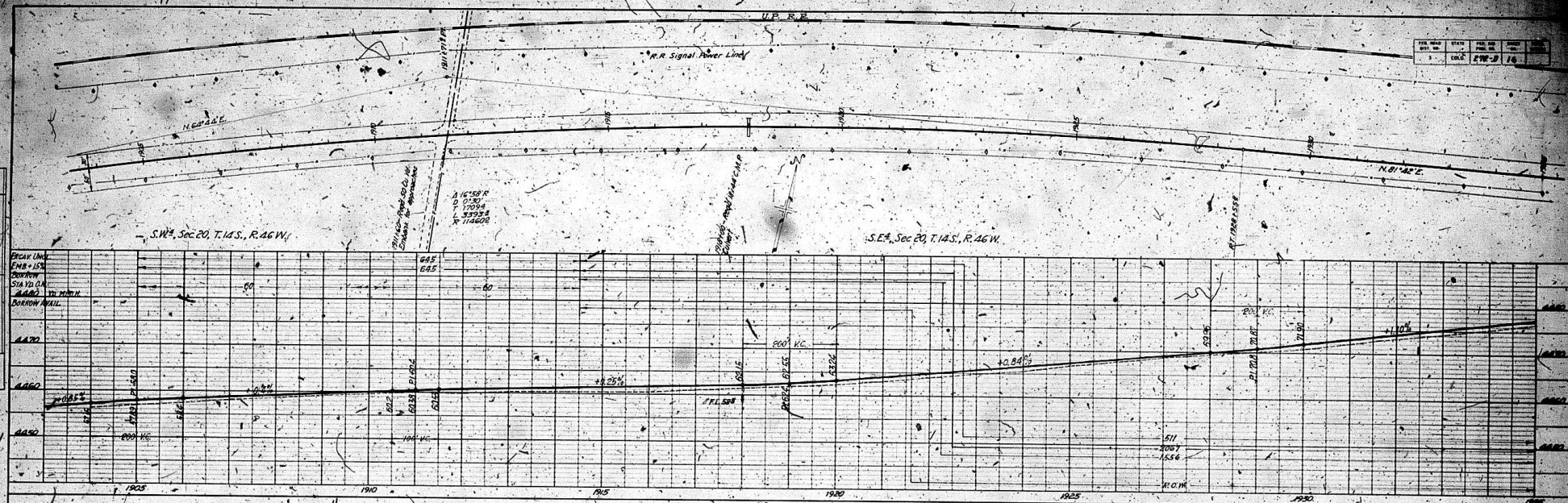
PROFILE
 DRAWN BY
 CHECKED BY
 DATE
 SHEET NO. 14



PROFILE	SURVEY	BY	DATE
NOTE BOOK	SAVINGS CHECKED		
NO. 2287	8 M NOTED		
	STRUCTURE NOTATIONS CH NO		



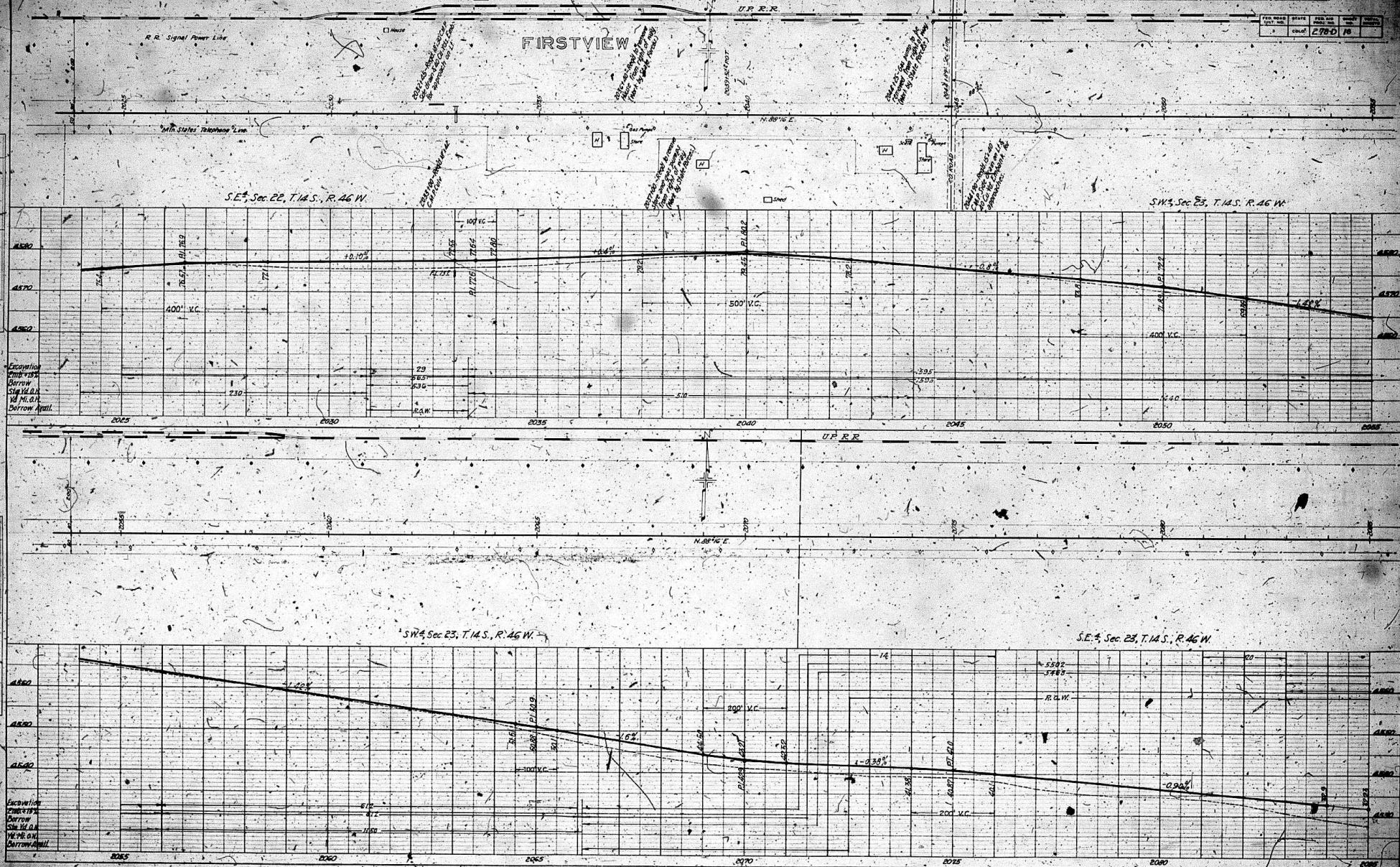
FED. ROAD DIST NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLORADO	272-D	16	





PLAN	DATE	BY	CHECKED	APPROVED

PROFILE	DATE	BY	CHECKED	APPROVED



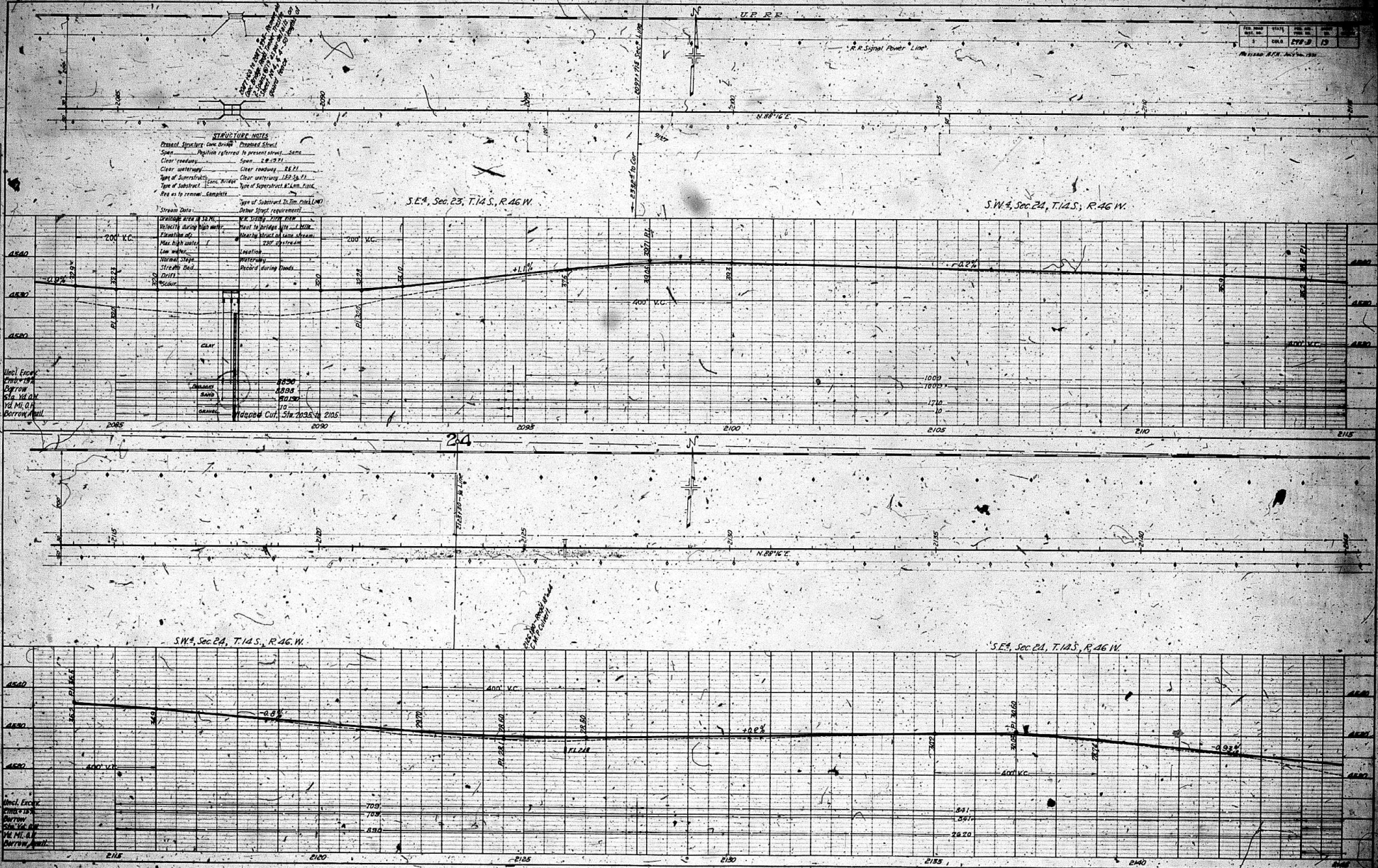
PLAN
 SHEET NO. 1
 PROJECT NO. 1
 DATE 10-1-1911

PROFILE
 SHEET NO. 1
 PROJECT NO. 1
 DATE 10-1-1911

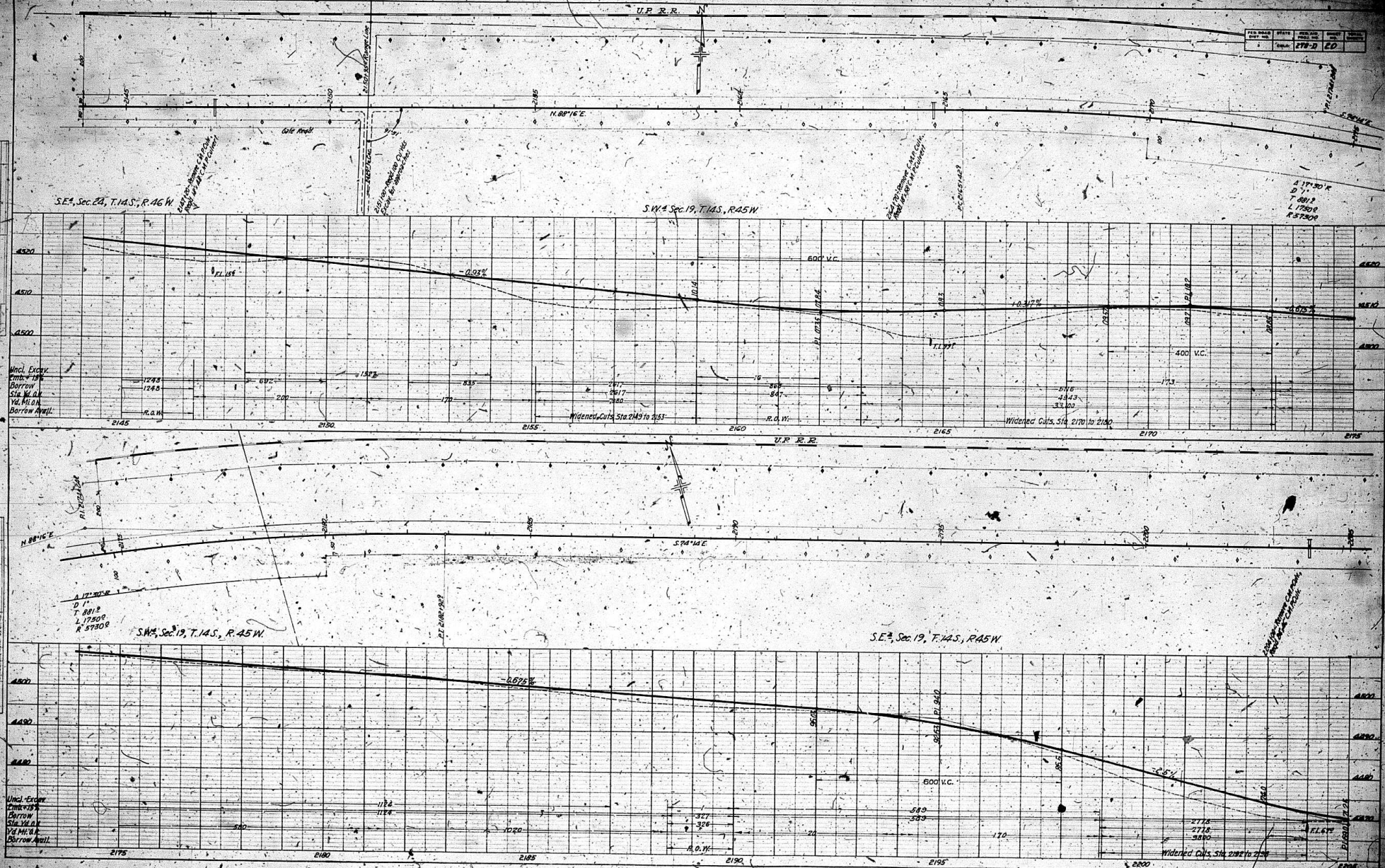
STRUCTURE NOTES
 Present Structure: Open Bridge, Drained Street
 Span: 100 ft. Position referred to present street - Same
 Clear roadway: 100 ft. - 14.00 ft.
 Clear roadway: 100 ft. - 14.00 ft.
 Type of Substrate: Clear roadway 14.00 ft.
 Type of Substrate: Clear roadway 14.00 ft.
 Reg. as to present: Same
 Type of Substrate: Clear roadway 14.00 ft.
 Stream Data:
 Velocity: 1.00 ft. per sec.
 Direction: East to bridge
 Elevation: 14.00 ft.
 Max. high water: 14.00 ft.
 Low water: 14.00 ft.
 Natural shape: 14.00 ft.
 Stream bed: 14.00 ft.
 Section: 14.00 ft.

S.E. 4, Sec. 23, T.14 S., R. 46 W.

S.W. 4, Sec. 24, T.14 S., R. 46 W.

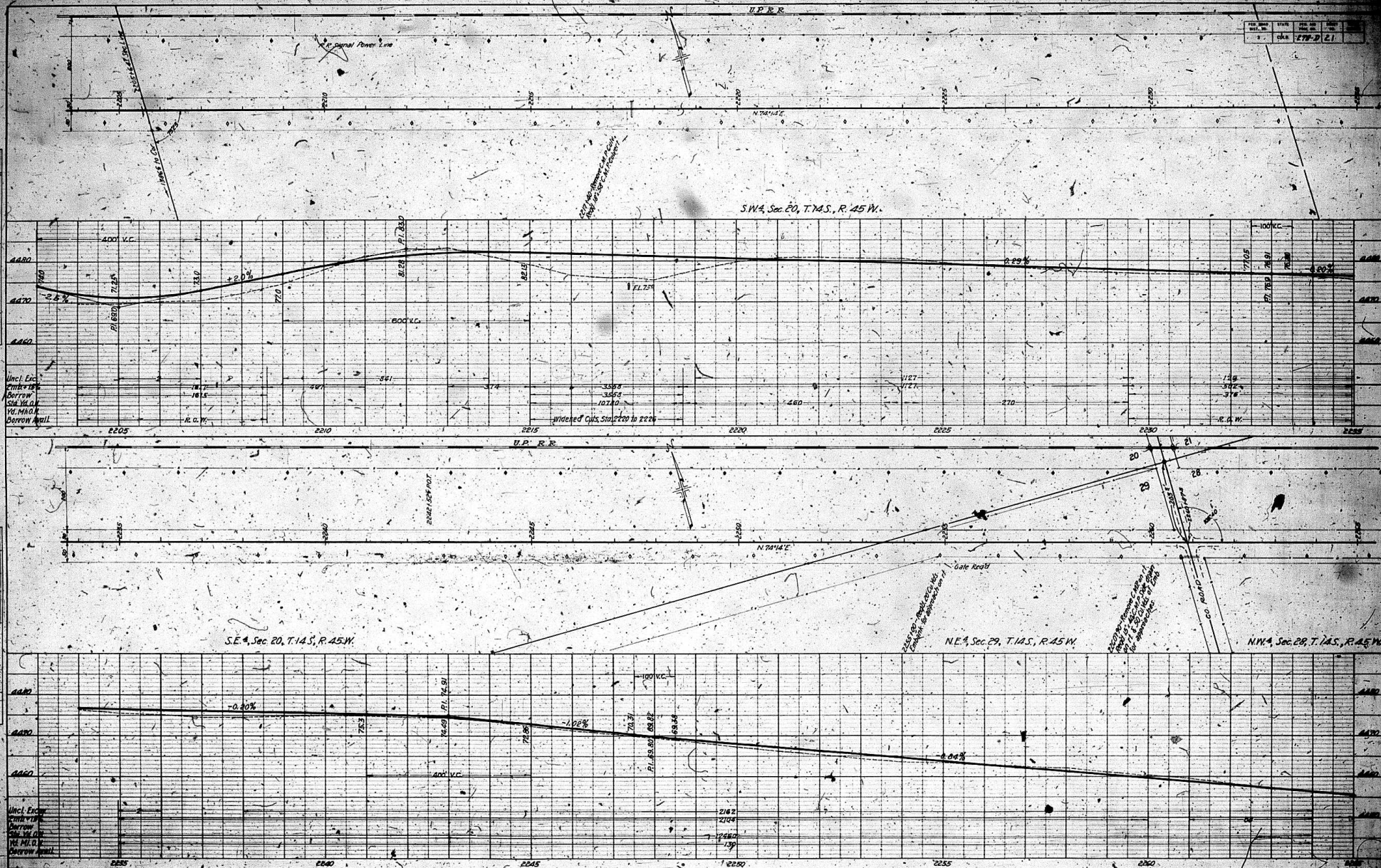


PROFILE	DATE
NOTED BOOK	BT
GRADES CHECKED	2003-03-19
STRUCTURE NOT'G'S CHECKED	2003



PLAN	NOTES
1. All work to be done in accordance with the plan and specifications.	
2. All work to be done in accordance with the plan and specifications.	
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4. All work to be done in accordance with the plan and specifications.	
5. All work to be done in accordance with the plan and specifications.	
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7. All work to be done in accordance with the plan and specifications.	
8. All work to be done in accordance with the plan and specifications.	
9. All work to be done in accordance with the plan and specifications.	
10. All work to be done in accordance with the plan and specifications.	

PROFILE	NOTES
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8. All work to be done in accordance with the plan and specifications.	
9. All work to be done in accordance with the plan and specifications.	
10. All work to be done in accordance with the plan and specifications.	

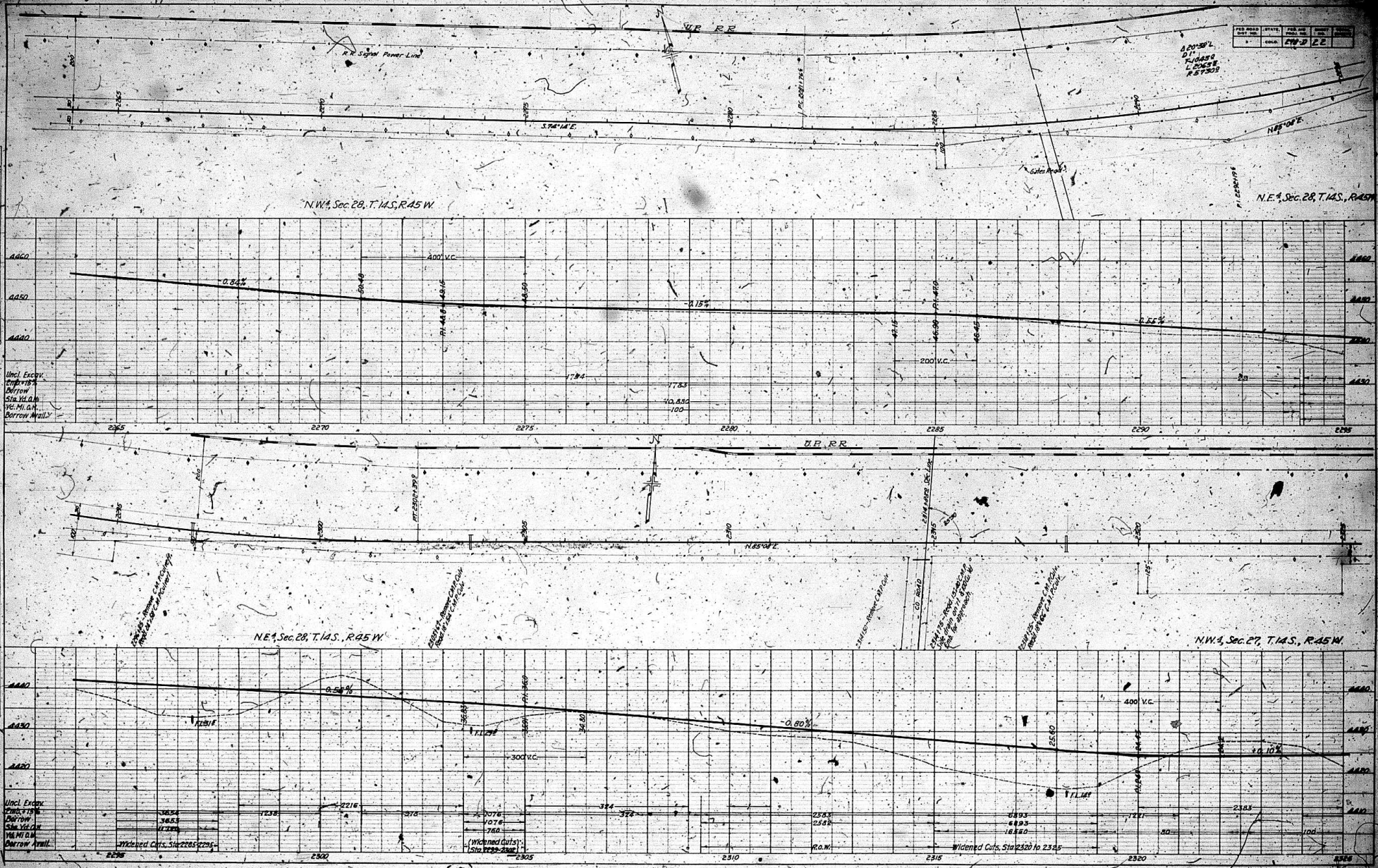


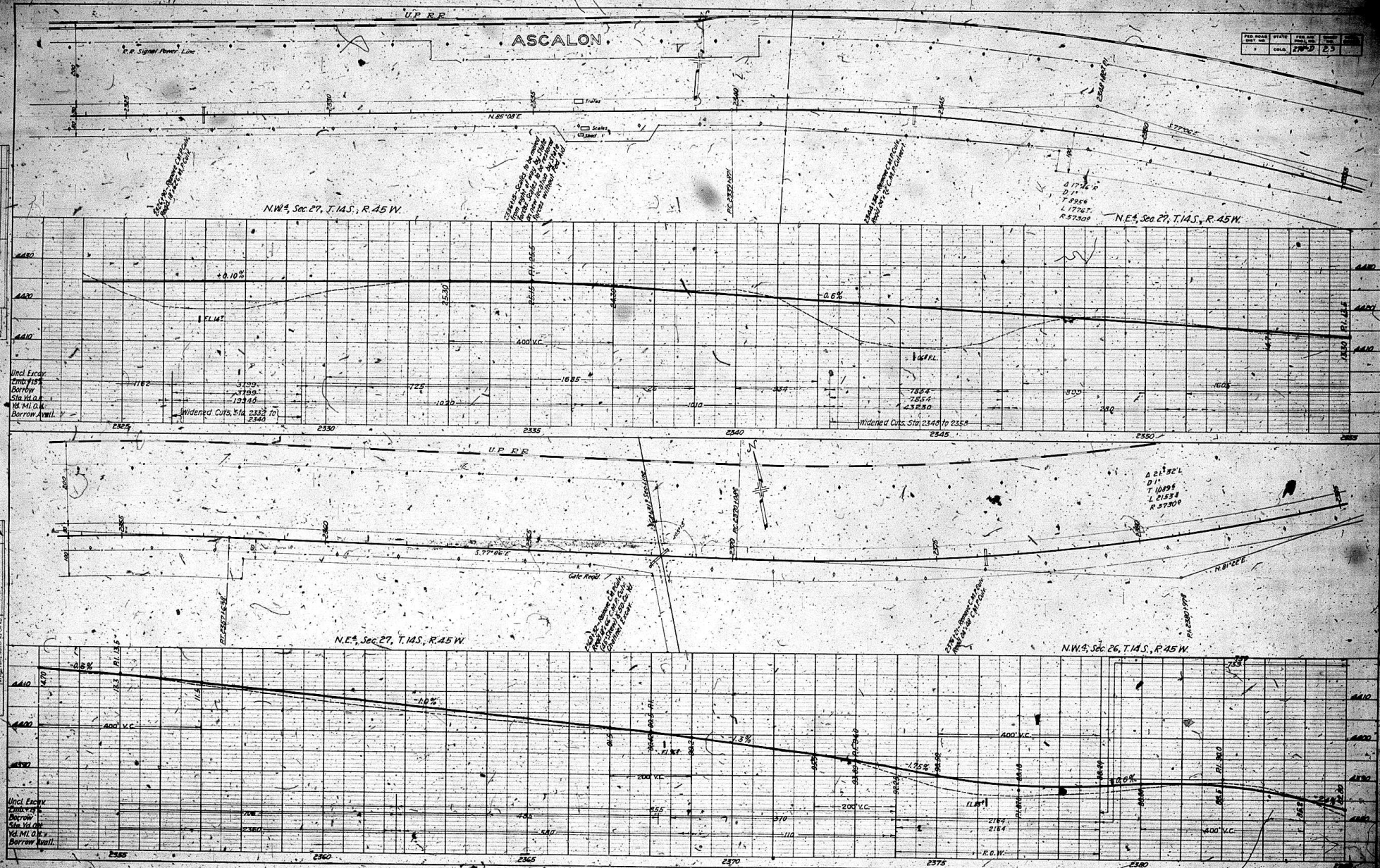
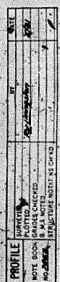
PLAN	DATE	BY	CHKD
DESIGNED			
DRAWN			
CHECKED			
APPROVED			

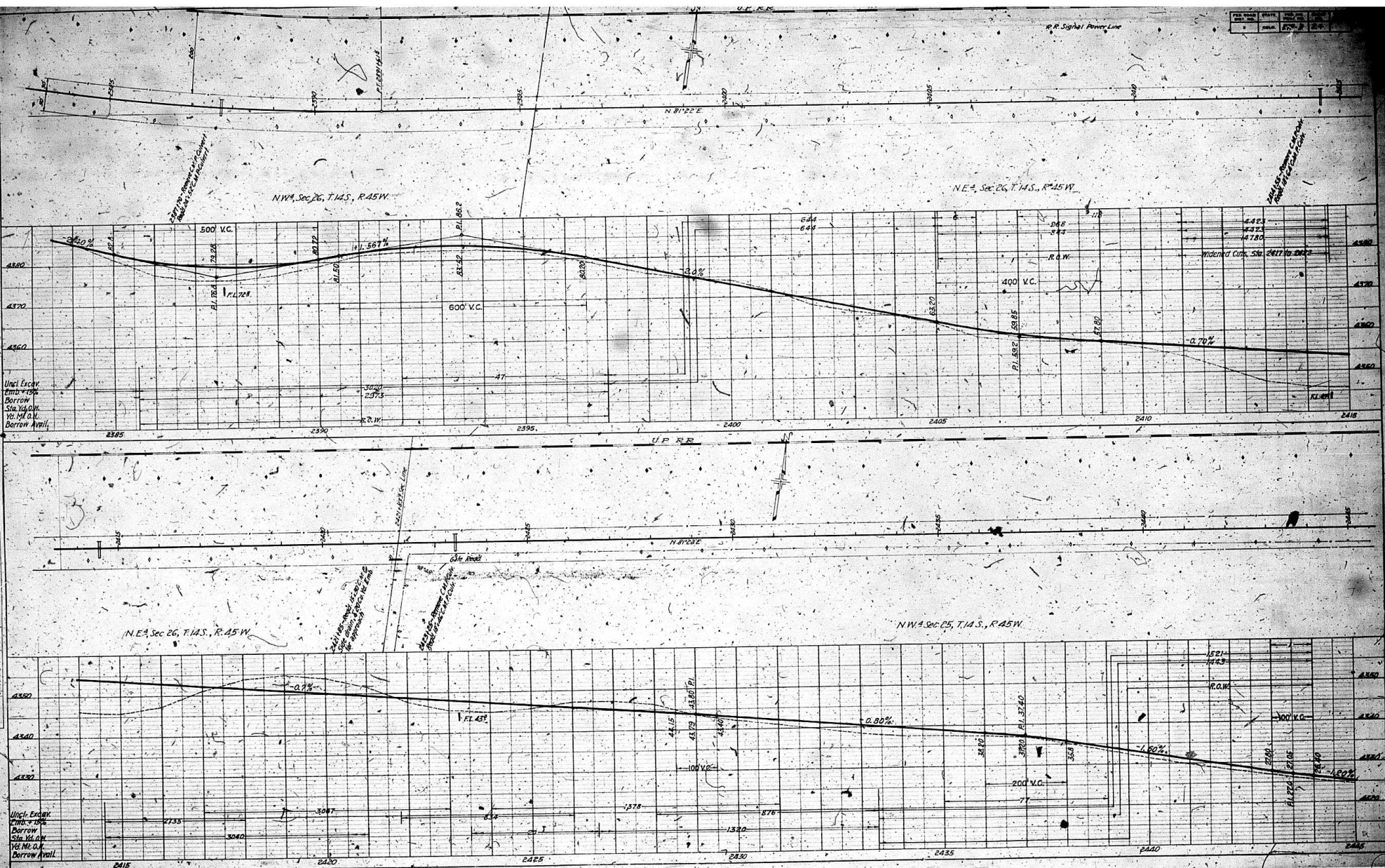
Uncl. Excess
Right-of-Way
Barrow
Sta. 10.00
Sta. 10.00
Barrow Wall

PROFILE	DATE	BY	CHKD
DESIGNED			
DRAWN			
CHECKED			
APPROVED			

Uncl. Excess
Right-of-Way
Barrow
Sta. 10.00
Sta. 10.00
Barrow Wall



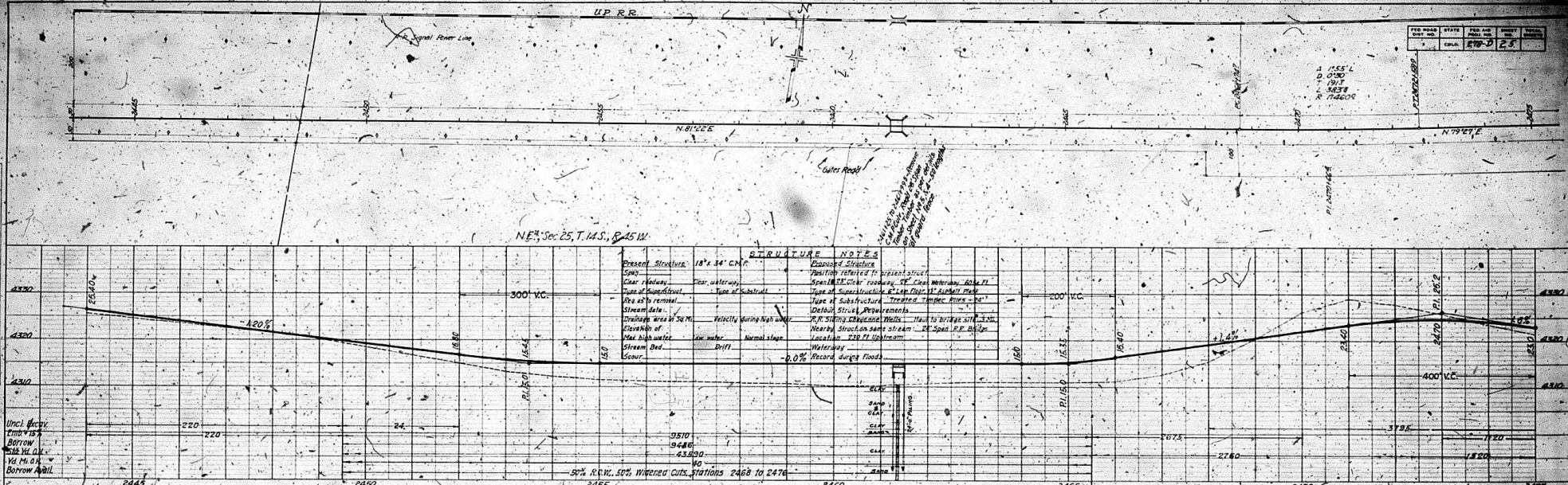




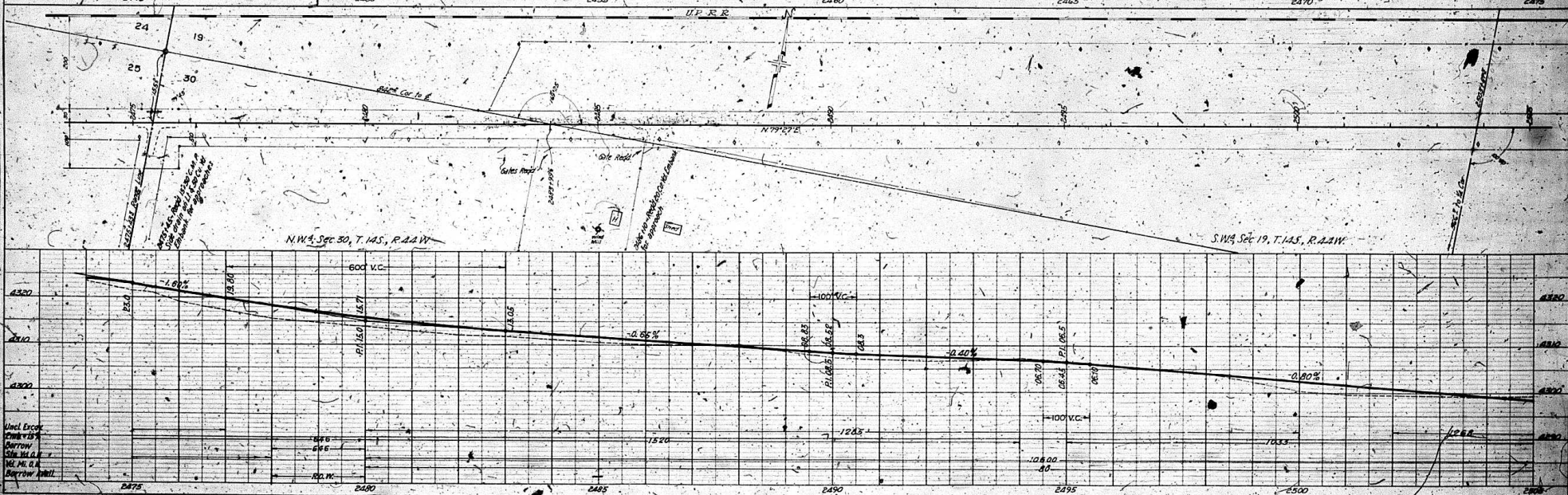
PLAN	DATE	BY	CHK
DESIGNED	1955		
DRAWN	1955		
CHECKED	1955		
APPROVED	1955		
REVISIONS			
NO.	DATE	DESCRIPTION	BY
1			

FED. ROAD DIST. NO.	STATE	PRO. AND SHEET NO.	SHEET NO.	TOTAL SHEETS
270-D	25			

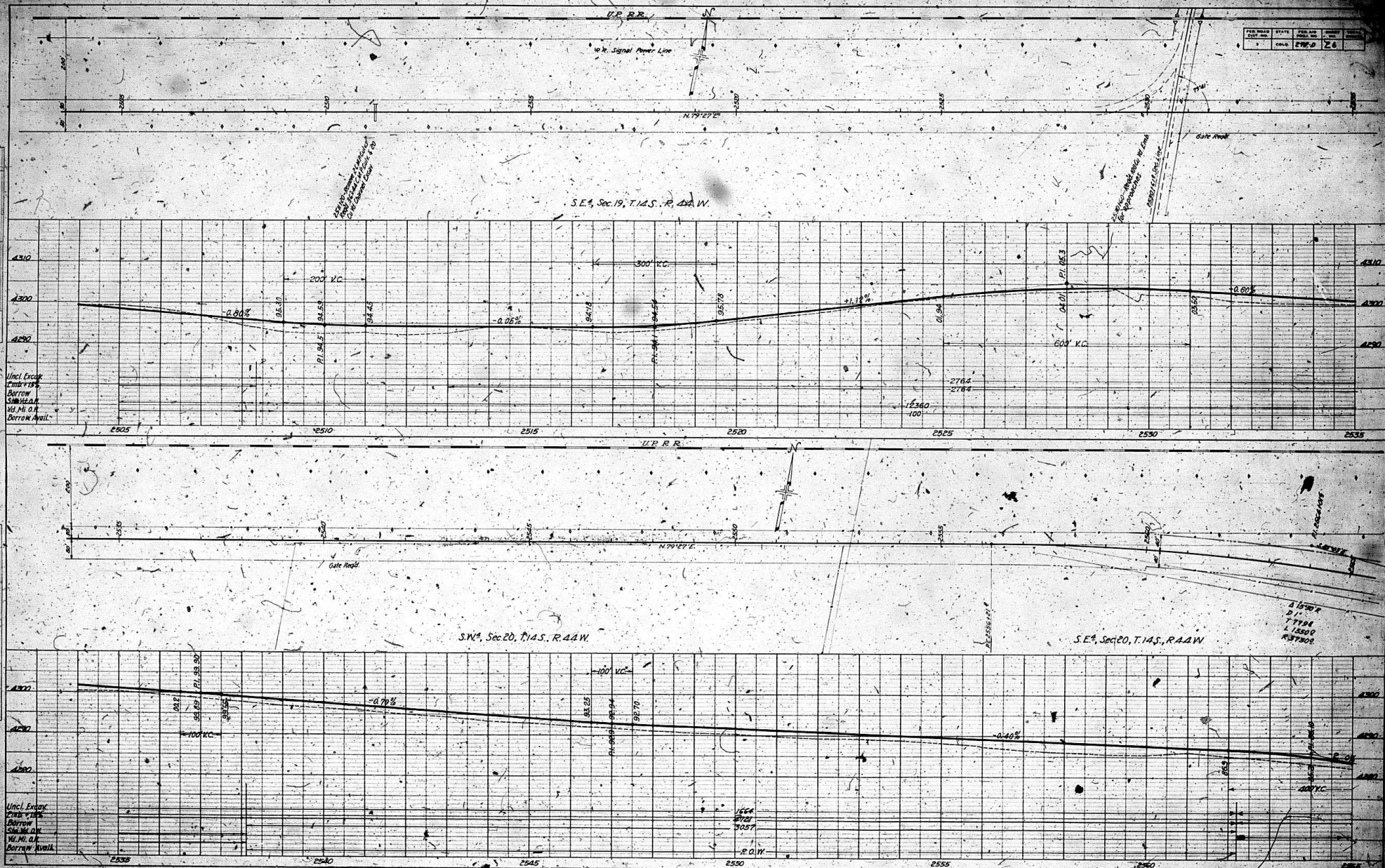
1 155 L
2 050
3 197
4 185
5 17600

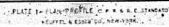


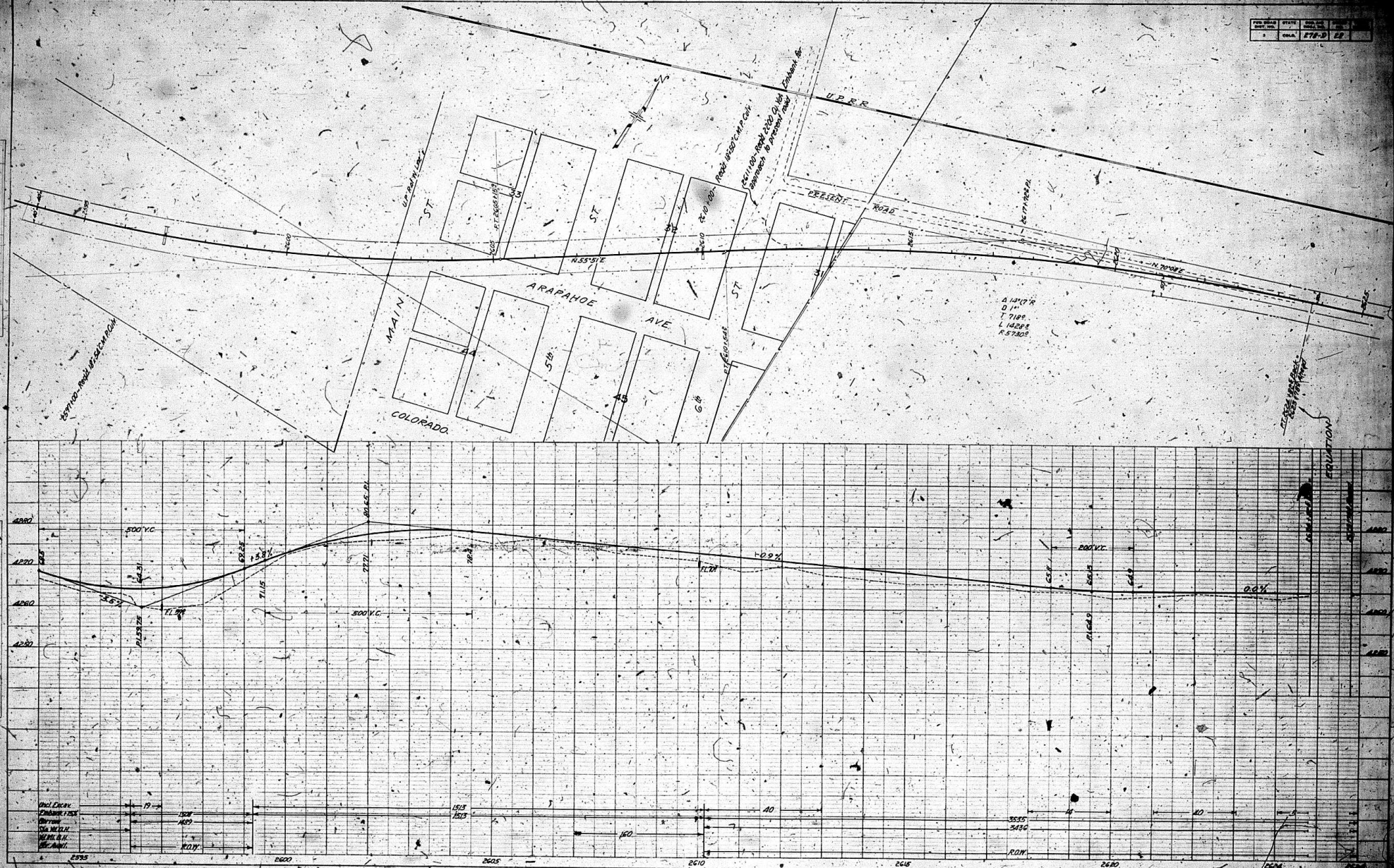
PROFILE	DATE	BY	CHK
DESIGNED	1955		
DRAWN	1955		
CHECKED	1955		
APPROVED	1955		
REVISIONS			
NO.	DATE	DESCRIPTION	BY
1			



Uncl. Exposed
Timber
Borrow
Site 10.0
No. 10.0
Borrow Mill







N.E. Sec 21, T.14S, R.44W.

UPPER

N. TO O.P.E.

TO SALINA KANSAS

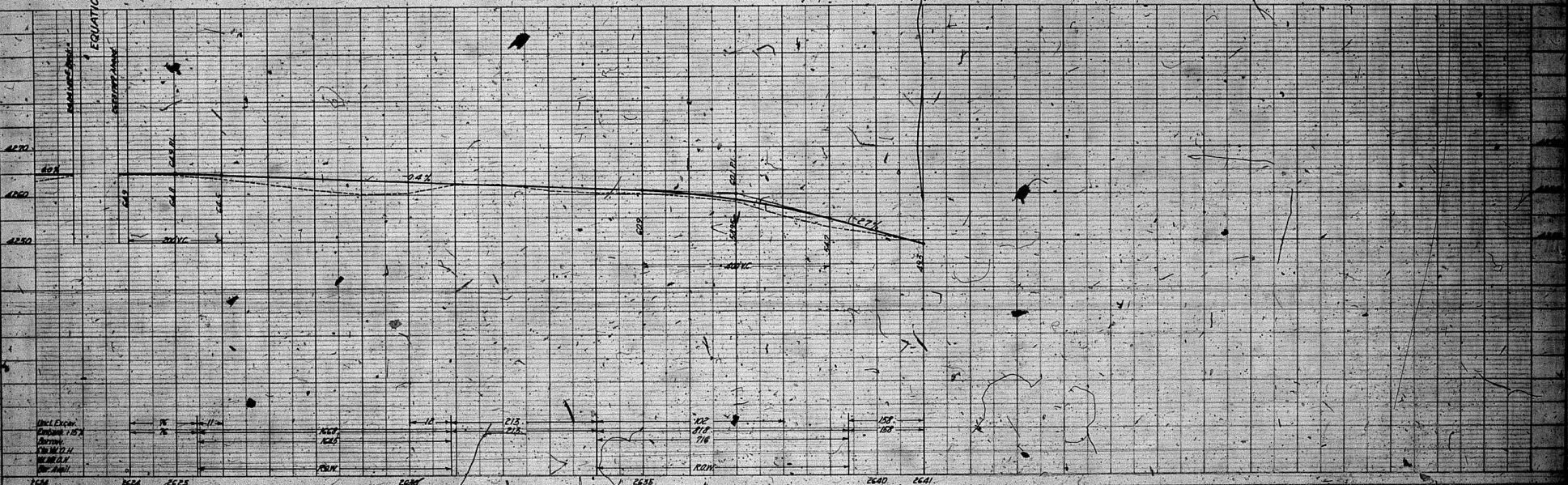
TO THURMAN LAKE

STATION 100-1 END OF F.A.P. 208-D
BEGINNING OF F.A.P. 208-A

EQUATION

CREATING LINE

MAINTENANCE



PLAN	DATE	BY	CHKD
1	1950	J. H. H.	J. H. H.
2	1950	J. H. H.	J. H. H.
3	1950	J. H. H.	J. H. H.
4	1950	J. H. H.	J. H. H.
5	1950	J. H. H.	J. H. H.
6	1950	J. H. H.	J. H. H.
7	1950	J. H. H.	J. H. H.
8	1950	J. H. H.	J. H. H.
9	1950	J. H. H.	J. H. H.
10	1950	J. H. H.	J. H. H.

PROFILE	DATE	BY	CHKD
1	1950	J. H. H.	J. H. H.
2	1950	J. H. H.	J. H. H.
3	1950	J. H. H.	J. H. H.
4	1950	J. H. H.	J. H. H.
5	1950	J. H. H.	J. H. H.
6	1950	J. H. H.	J. H. H.
7	1950	J. H. H.	J. H. H.
8	1950	J. H. H.	J. H. H.
9	1950	J. H. H.	J. H. H.
10	1950	J. H. H.	J. H. H.

DATE	BY	CHKD
1950	J. H. H.	J. H. H.
1950	J. H. H.	J. H. H.
1950	J. H. H.	J. H. H.
1950	J. H. H.	J. H. H.
1950	J. H. H.	J. H. H.
1950	J. H. H.	J. H. H.
1950	J. H. H.	J. H. H.
1950	J. H. H.	J. H. H.
1950	J. H. H.	J. H. H.
1950	J. H. H.	J. H. H.