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STATE OF INDIANA
STATE HIGHWAY COMMISSION

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
E.A. PROJECT NO. 18 SEC. B₂ (1941)
E.A. PROJECT NO. 70 SECS. A₂ & B₃ (1941)
KOKOMO-PERU ROAD

FEDERAL ROAD DISTRICT NO.	STATE	FISCAL YEAR	PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	IND.	70	1941	1	219

SECTIONS - A₂ B₃

PROJ. NO. 18, SEC. B₂
BEGINNING ON U.S. ROAD NO. 31 AT THE NORTH CORPORATION LINE OF KOKOMO AND RUNNING THENCE IN A NORTHERLY DIRECTION TO THE NORTH LINE OF HOWARD COUNTY AT THE SOUTHEAST CORNER OF SECTION 36, T25N-R3E, ALL IN HOWARD COUNTY.

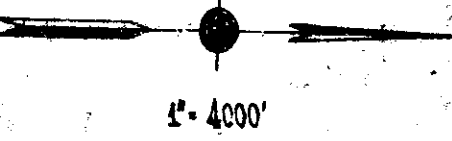
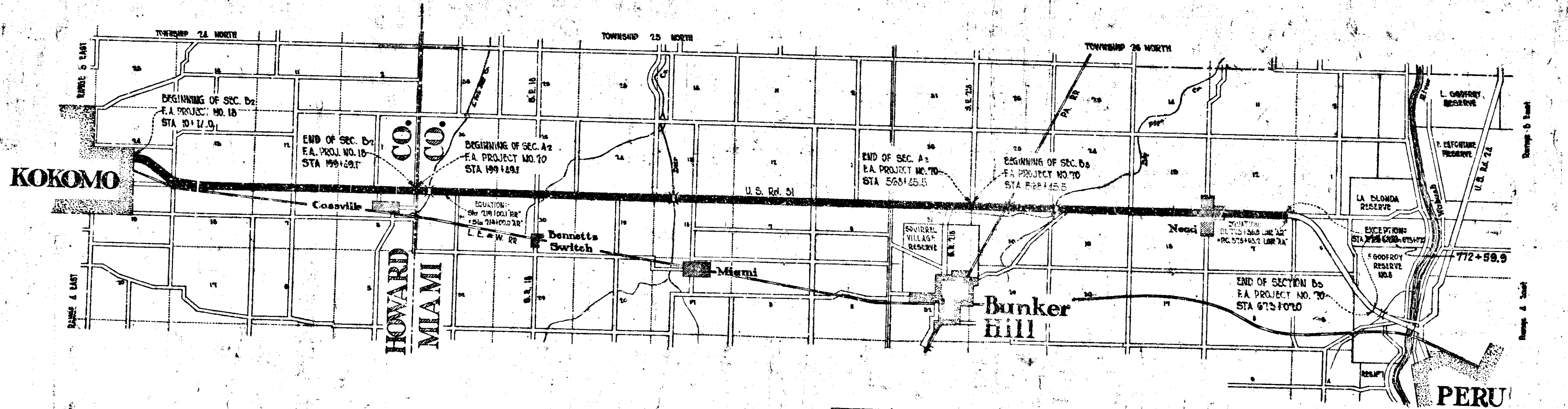
GROSS LENGTH 3.586 MI.
NET LENGTH 3.566 MI.

PROJ. NO. 70, SEC. A₂
BEGINNING ON U.S. ROAD 31 AT THE SOUTH LINE OF MIAMI COUNTY AND RUNNING THENCE IN A NORTHERLY DIRECTION TO S.R. 218 AT THE SOUTH-EAST CORNER OF SECTION 25, T26N-R3E, ALL IN MIAMI COUNTY.

GROSS LENGTH 6.987 MI.
NET LENGTH 6.904 MI.

PROJ. NO. 70, SEC. B₃
BEGINNING ON U.S. ROAD 31 AT THE SOUTHEAST CORNER OF SECTION 25, T26N-R3E, AND RUNNING THENCE IN A NORTHERLY AND NORTHEASTERLY DIRECTION TO A POINT IN SAID U.S. ROAD 31 APPROXIMATELY 0.5 MILE SOUTH OF THE WADASH RIVER, ALL IN MIAMI COUNTY.

GROSS LENGTH 5.765 MI.
NET LENGTH 5.697 MI.



DATE	REVISION	SHEET NO.
8-8-40	R/W	18 & 35
9-23-40	Temp. R/W	31
5-15-41	Length of Proj.	31 & 1

STATE HIGHWAY COMMISSION OF INDIANA
STANDARD SPECIFICATIONS FOR ROAD CONSTRUCTION
DATED OCTOBER 2, 1939, ON FILE WITH U.S. PUBLIC ROADS ADMINISTRATION
TO BE USED WITH THESE PLANS

RECOMMENDED FOR APPROVAL 7-16-40

C.E. Vogelgesang
Engineer in Charge

APPROVED AND ADOPTED 7-19-40
BY STATE HIGHWAY COMMISSION OF INDIANA

APPROVED: J.A. Quinn
W. Kelly

RECOMMENDED FOR APPROVAL

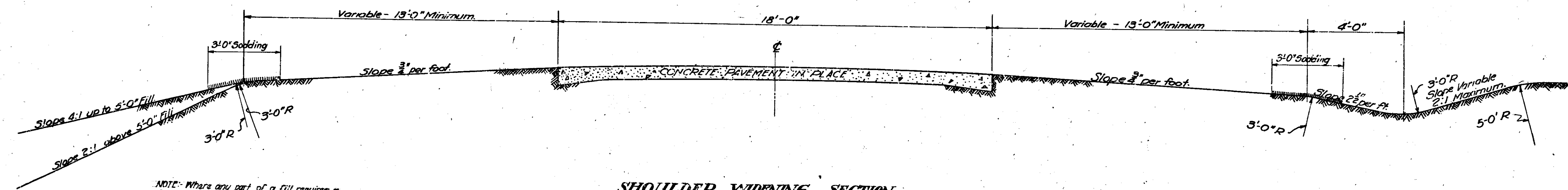
APPROVED

FEDERAL ROAD DISTRICT NO.	STATE	FED. AID FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7.	IND.	18 1941.	2	28

SECTION: B2.

FEDERAL ROAD DISTRICT NO.	STATE	FED. AID FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7.	IND.	70 1941.	2	28

SECTIONS A2 & B3.



NOTE: Where any part of a fill requires a 2 to 1 Slope, that slope shall be continued throughout the fill on that side.

SHOULDER WIDENING SECTION

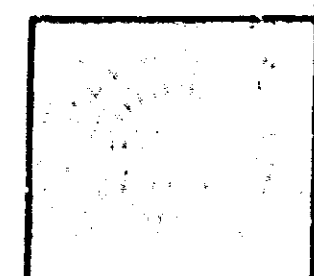
- TO BE USED FROM
- Sta. 10+14 to Sta. 170+00
 - Sta. 212+00 to Sta. 294+00
 - Sta. 302+00 to Sta. 366+12
 - Sta. 376+96 to Sta. 579+00
 - Sta. 604+00 to Sta. 656+00
 - Sta. 671+00 to Sta. 773+39.9

TYPICAL CROSS SECTION.
SCALE 1/2" = 1'-0"

APPROVED: J. A. Quinn
CHAIRMAN, STATE HIGHWAY COMMISSION OF INDIANA.

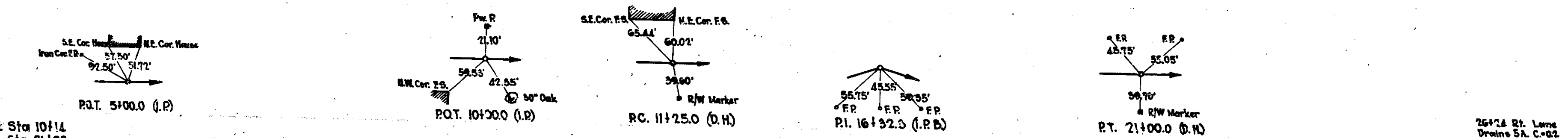
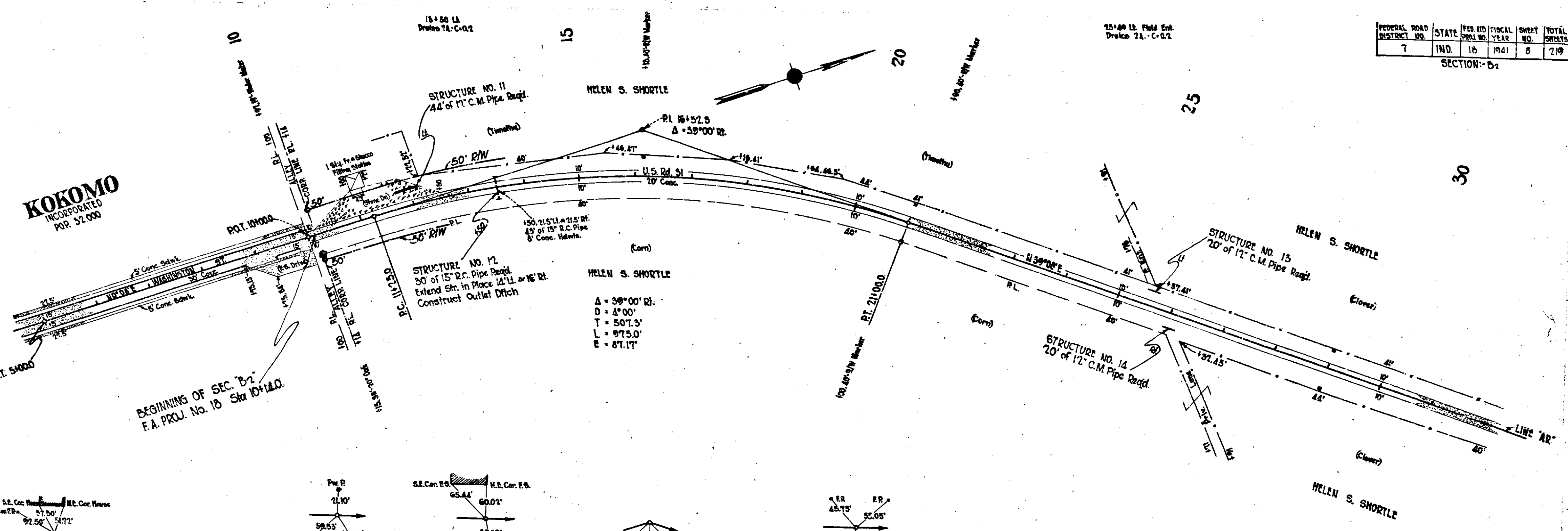
APPROVED: m. Keefe
CHIEF ENGINEER, STATE HIGHWAY COMMISSION OF INDIANA.

RECOMMENDED FOR APPROVAL: C. E. Vogelgesang
ENGINEER OF ROAD DESIGN.



FEDERAL ROAD DISTRICT NO.	STATE	FED. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	IND.	18	1961	6	719

SECTION: b2



B.M. No 1 - Elev. 855.56 - B.S. in 50' Oak 37' R. Sta 10114
 B.M. No 2 - Elev. 851.41 - Top R/W Marker 40' R. Sta 21100
 B.M. No 3 - Elev. 828.95 - B.S. in 18' Oak 75' L. Sta 35155

TYPICAL CROSS-SECTION SHOWN ON SHEET NO. 2 AND STANDARD CROSS-SECTIONS D-II-GB ADOPTED MAR 1938
 D-II-GR ADOPTED APRIL 1939, REV. NOV. 7, 1939, TO BE USED ON THIS PROJECT.
 State Highway Commission of Indiana Standard Specifications for Road Construction Dated October, 1939, to be used with these Plans.

STANDARDS Under Dates are Listed in Index on Title Sheet to be Used.
 Where Shown
 Grade Line, Represents Top of Finished Reinf. Conc. Pavement. Adjustments Shown on Std. Paving Sections to be made for Rock, Asphalt and Bituminous Conc. Pavements.

Where Expansion Joints or Contraction Joints are Specified on these Plans, they shall be Constructed to the Dimensions as Shown on the Standard Paving Sections on Sheets 3 & 4.

Construction Joints shall have 2-5/8" Deformed Tie Bars 4'-0" Long Spaced @ 1'-11" c.c.

See Itemized Tables for Private Drive Quantities on Sheets 41, 42, and 43
 For Detail of Commercial Drives See Sketch on Sheet No. 40 A.

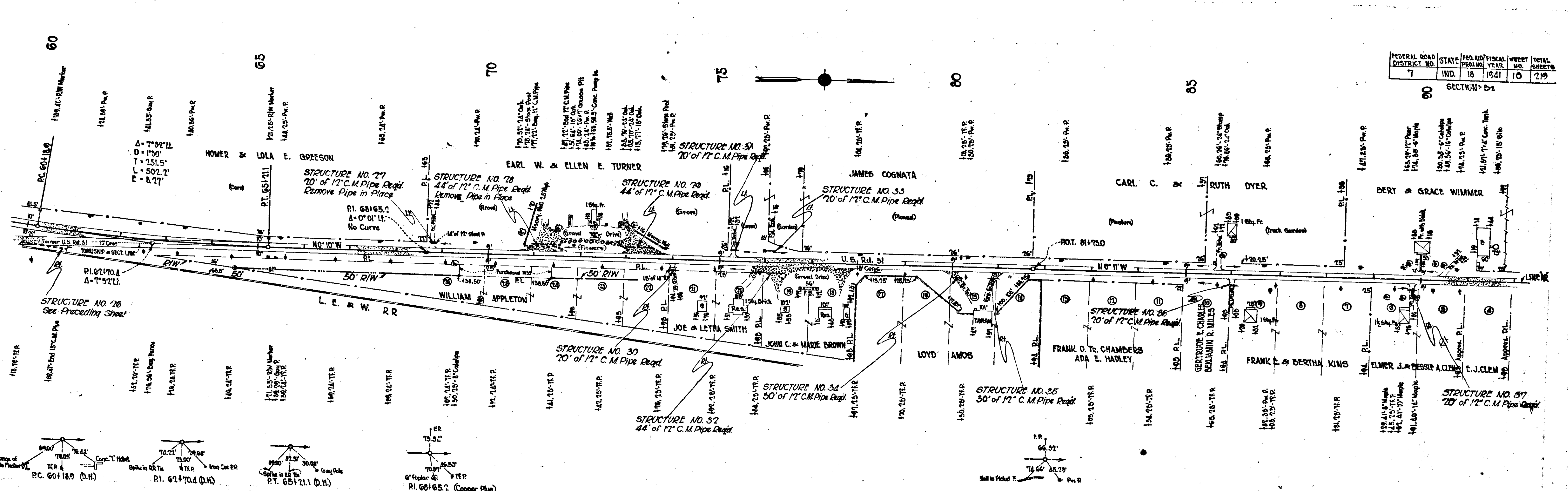
Cut 115 Cu. Yds.
 Fill 254 " " "
 Waste 92 " "

831.40	831.56	831.72	831.88	832.04	832.20	832.36	832.52	832.68	832.84	833.00	833.16	833.32	833.48	833.64	833.80	833.96	840.00	840.16	840.32	840.48	840.64	840.80	840.96	841.12	841.28	841.44	841.60	841.76	841.92	842.08	842.24	842.40	842.56	842.72	842.88	843.04	843.20	843.36	843.52	843.68	843.84	844.00	844.16	844.32	844.48	844.64	844.80	844.96	845.12	845.28	845.44	845.60	845.76	845.92	846.08	846.24	846.40	846.56	846.72	846.88	847.04	847.20	847.36	847.52	847.68	847.84	848.00	848.16	848.32	848.48	848.64	848.80	848.96	849.12	849.28	849.44	849.60	849.76	849.92	850.08	850.24	850.40	850.56	850.72	850.88	851.04	851.20	851.36	851.52	851.68	851.84	852.00	852.16	852.32	852.48	852.64	852.80	852.96	853.12	853.28	853.44	853.60	853.76	853.92	854.08	854.24	854.40	854.56	854.72	854.88	855.04	855.20	855.36	855.52	855.68	855.84	856.00	856.16	856.32	856.48	856.64	856.80	856.96	857.12	857.28	857.44	857.60	857.76	857.92	858.08	858.24	858.40	858.56	858.72	858.88	859.04	859.20	859.36	859.52	859.68	859.84	860.00	860.16	860.32	860.48	860.64	860.80	860.96	861.12	861.28	861.44	861.60	861.76	861.92	862.08	862.24	862.40	862.56	862.72	862.88	863.04	863.20	863.36	863.52	863.68	863.84	864.00	864.16	864.32	864.48	864.64	864.80	865.00
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92																																																																																						

C.E.V. 7-16-40

FEDERAL ROAD DISTRICT NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	IND.	1941	10	219

SECTION - B2



B.M. No. 6 - Elev. 851.69 - B.S. in Tel. Pole 90' Rt. Sta 64+00
 B.M. No. 7 - Elev. 857.80 - B.S. in 56' Oak 70' Lt. Sta 74+65
 B.M. No. 8 - Elev. 857.51 - B.S. in 74' Oak 45' Lt. Sta 85+80

NOTE: ALL R/W ON THIS SHEET TO BE 50' ON EACH SIDE OF & EXCEPT AS SHOWN

Cut 760 Cu. Yds.
 Fill 725 " 779
 Waste 51

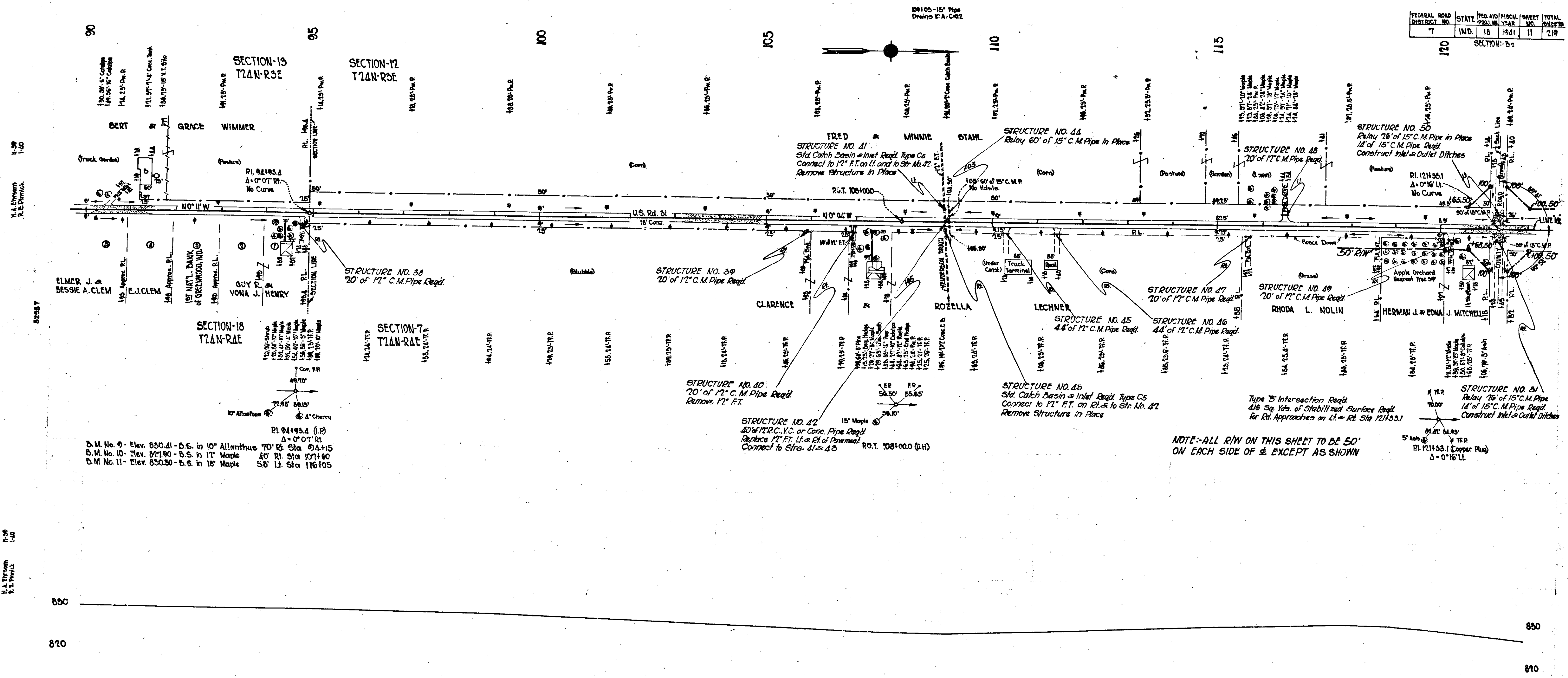
Cut 628 Cu. Yds.
 Fill 758 " 688
 Borrow 80

60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91
851.10	851.50	851.54	851.01	850.70	850.79	850.75	850.85	850.86	850.91	850.85	850.85	850.87	850.81	850.81	850.81	850.80	850.79	850.79	850.79	850.79	850.79	850.79	850.79	850.79	850.79	850.79	850.79	850.79	850.79	850.79	850.79

CCV 7-16-40

FEDERAL ROAD DISTRICT NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	IND.	1941	11	219

SECTION-B-



D.M. No. 9 - Elev. 850.41 - D.S. in 10" Ailanthus 70' R. Sta. 1074+15
 D.M. No. 10 - Elev. 871.90 - D.S. in 12" Maple 40' R. Sta. 1071+60
 D.M. No. 11 - Elev. 850.50 - D.S. in 18" Maple 56' L. Sta. 116+05

NOTE: ALL R/W ON THIS SHEET TO BE 50' ON EACH SIDE OF & EXCEPT AS SHOWN

Cut 282 Cu. Yds.
 Fill 75% 331
 Borrow 89

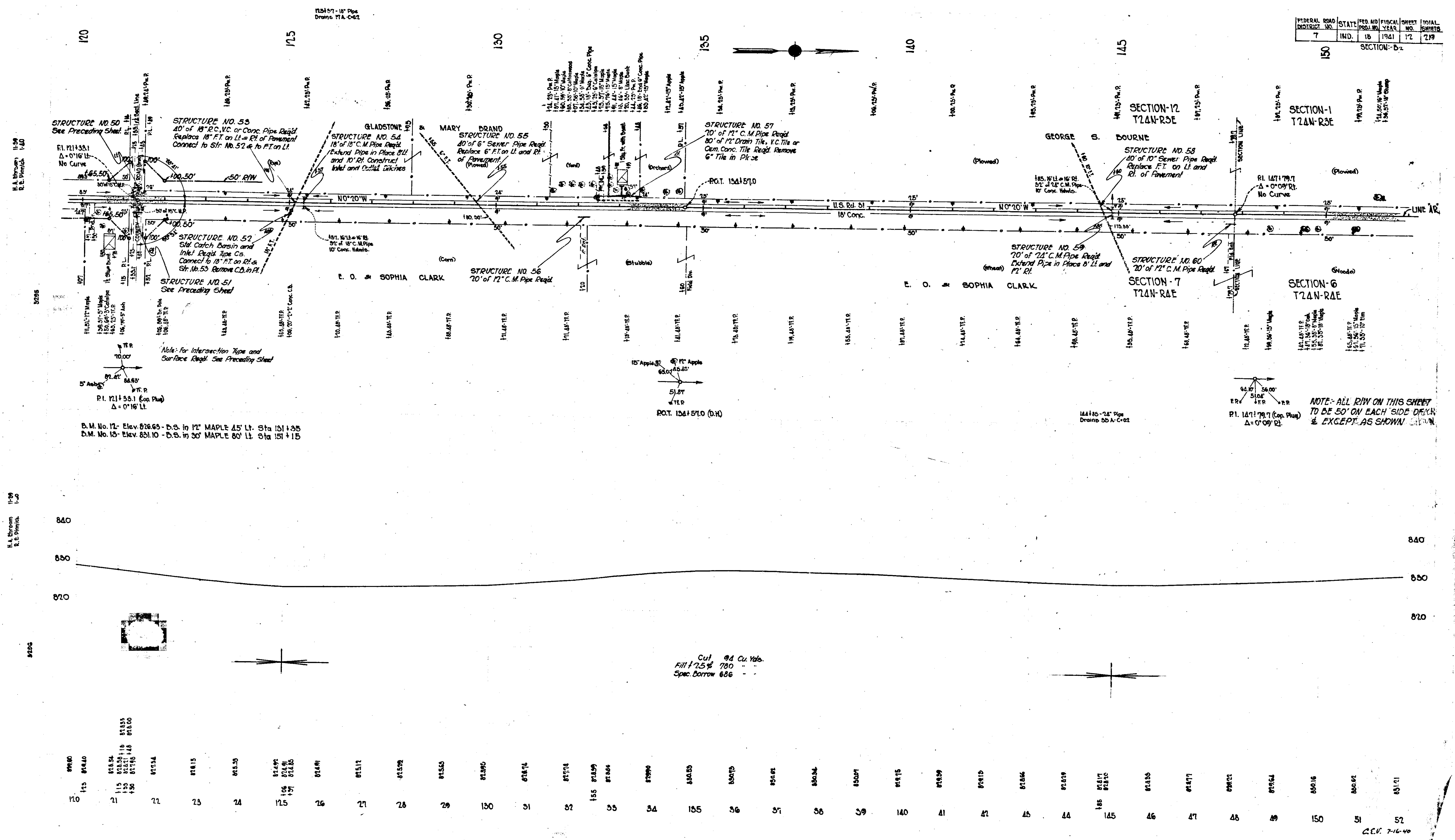
Cut 155 Cu. Yds.
 Fill 75% 161
 Spec. Borrow 306
 Above Quantities Includes 10 Cu. Yds. of Cut and 10 Cu. Yds. for 2d Appr. Lt. & Rt. Sta. 121+33

85007	85008	85013	85017	85025	85034	85047	85051	85059	85067	85070	85071	85072	85073	85074	85075	85076	85077	85078	85079	85080	85081	85082	85083	85084	85085	85086	85087	85088	85089	85090	85091	85092	85093	85094	85095	85096	85097	85098	85099	85100	85101	85102	85103	85104	85105	85106	85107	85108	85109	85110	85111	85112	85113	85114	85115	85116	85117	85118	85119	85120	85121	85122	85123	85124	85125	85126	85127	85128	85129	85130	85131	85132	85133	85134	85135	85136	85137	85138	85139	85140	85141	85142	85143	85144	85145	85146	85147	85148	85149	85150	85151	85152	85153	85154	85155	85156	85157	85158	85159	85160	85161	85162	85163	85164	85165	85166	85167	85168	85169	85170	85171	85172	85173	85174	85175	85176	85177	85178	85179	85180	85181	85182	85183	85184	85185	85186	85187	85188	85189	85190	85191	85192	85193	85194	85195	85196	85197	85198	85199	85200
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C.E.C. 7-16-40

FEDERAL ROAD DISTRICT NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	IND.	1941	12	219

SECTION - B₂



Note: For Intersection Type and Surface Req'd. See Preceding Sheet

B.M. No. 12 - Elev. 826.65 - D.S. in 12" MAPLE 15' Lt. Sta 131+35
 B.M. No. 13 - Elev. 831.10 - D.S. in 30" MAPLE 60' Lt. Sta 151+15

NOTE: ALL R.I.W. ON THIS SHEET TO BE 50' ON EACH SIDE OF R.O.W. & EXCEPT AS SHOWN

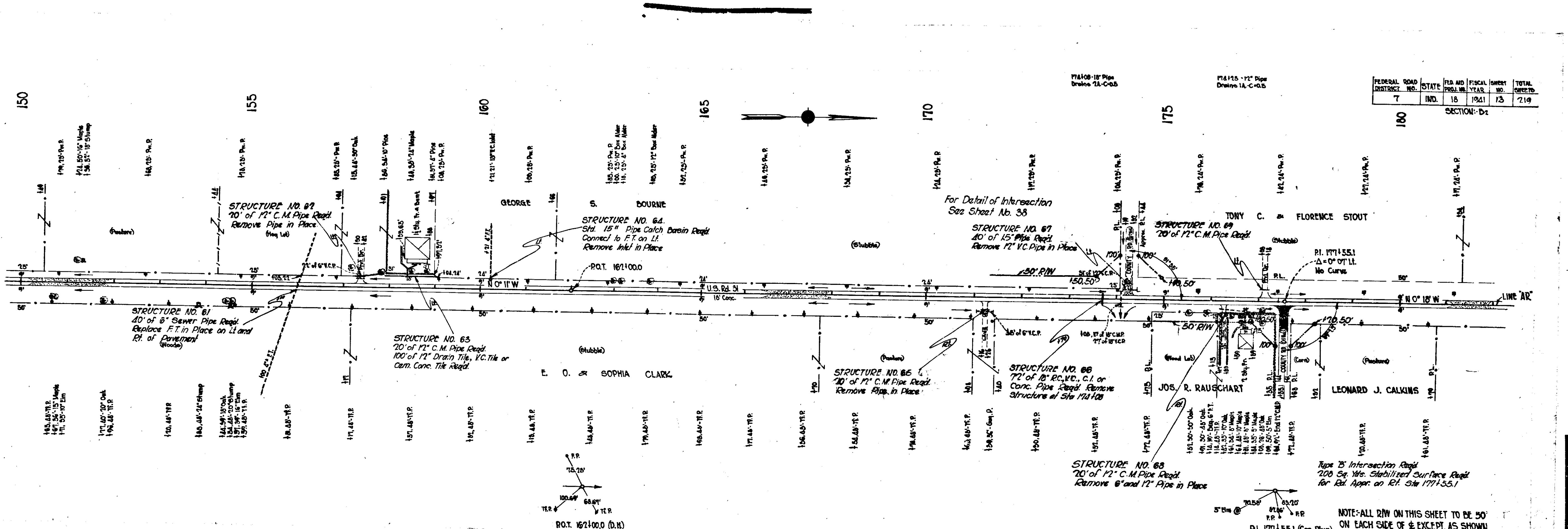
Cut 9.4 Cu. Yds.
 Fill 12.5 " 780
 Spec. Borrow 686

89880	89885	89890	89895	89900	89905	89910	89915	89920	89925	89930	89935	89940	89945	89950	89955	89960	89965	89970	89975	89980	89985	89990	89995	90000	90005	90010	90015	90020	90025	90030	90035	90040	90045	90050	90055	90060	90065	90070	90075	90080	90085	90090	90095	90100	90105	90110	90115	90120	
120	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52																	

C.E.V. 7-16-40

FEDERAL ROAD DISTRICT NO.	STATE	FED. AID FISCAL YEAR	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	IND.	18	1941	73	219

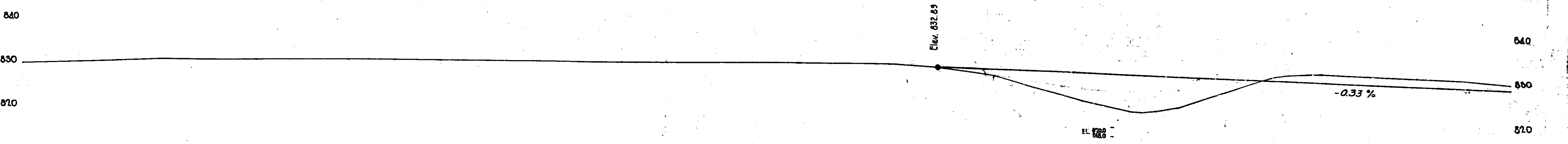
SECTION-D2



D.M. No. 15 - Elev. 651.10 - D.S. in 50' Maple 50' Lt. Sta 151+15
 D.M. No. 12 - Elev. 653.69 - D.S. in Tel. Pole 50' Lt. Sta 161+40

5 Guide Posts Reqd. Lt.
 5 Guide Posts Reqd. Rt.

NOTE: ALL R/W ON THIS SHEET TO BE 50' ON EACH SIDE OF & EXCEPT AS SHOWN



Cut 194 Cu. Yds.
 Fill 754 405
 Spec. Bor. 711

Cut 2108 Cu. Yds.
 Fill 2895
 Borrow 2848
 Spec. Bor. 2519

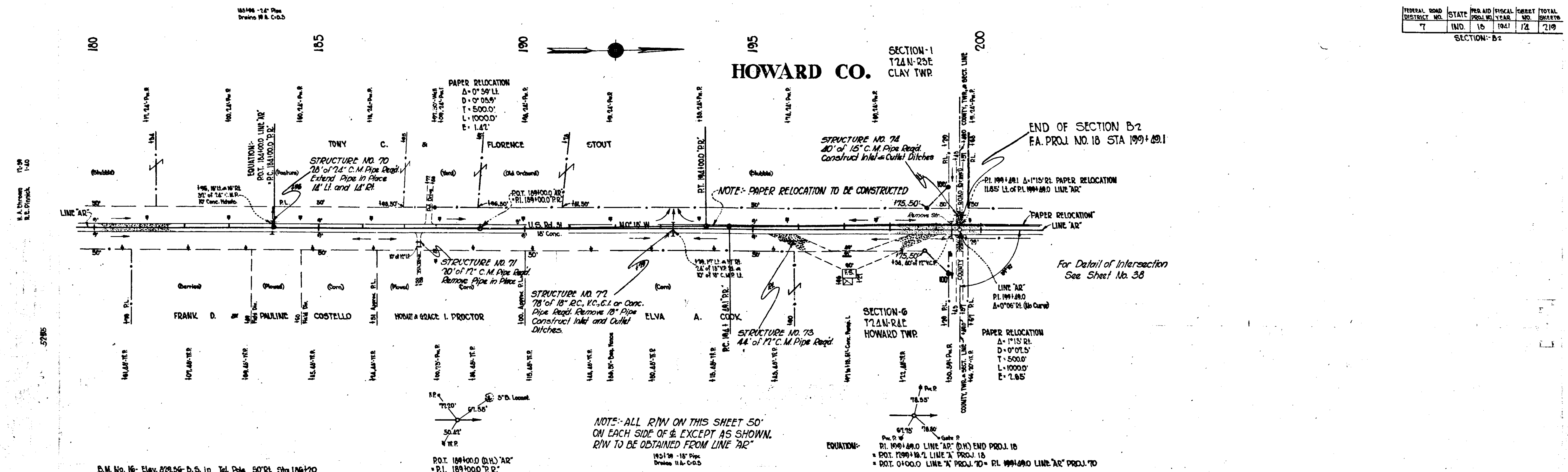
Above Quantities include 200 Cu. Yds. of Fill for Rd. Appr. Lt. Sta. 174+25 and 50 Cu. Yds. of Cut for Rd. Appr. Rt. Sta. 177+55
 2848 Cu. Yds. of Borrow to be obtained in Balance Sta. 180 to 193+49

Station	Elevation	Structure	Notes
150.00	680.00		
151.00	681.00		
152.00	682.00		
153.00	683.00		
154.00	684.00		
155.00	685.00		
156.00	686.00		
157.00	687.00		
158.00	688.00		
159.00	689.00		
160.00	690.00		
161.00	691.00		
162.00	692.00		
163.00	693.00		
164.00	694.00		
165.00	695.00		
166.00	696.00		
167.00	697.00		
168.00	698.00		
169.00	699.00		
170.00	700.00		
171.00	701.00		
172.00	702.00		
173.00	703.00		
174.00	704.00		
175.00	705.00		
176.00	706.00		
177.00	707.00		
178.00	708.00		
179.00	709.00		
180.00	710.00		

C.C.O. 7-16-40

FEDERAL ROAD DISTRICT NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	IND.	1941	124	219

HOWARD CO.

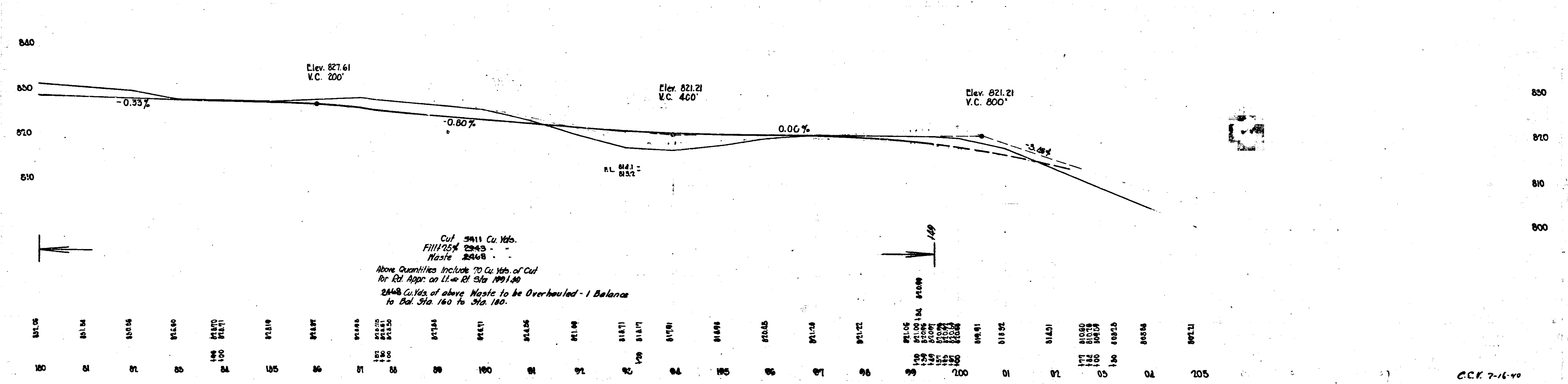


NOTE: ALL R/W ON THIS SHEET 50' ON EACH SIDE OF & EXCEPT AS SHOWN, R/W TO BE OBTAINED FROM LINE 'AR'

B.M. No. 16 - Elev. 822.56 - D.S. in Tol. Pole 50' R.L. Sta 186+20
 B.M. No. 17 - Elev. 813.97 - D.S. in 36" Maple 60' R.L. Sta 197+10

P.O.T. 189+00.0 (H) 'AR'
 = P.I. 189+00.0 'R.R.'

EQUATION:
 P.C. 199+48.0 LINE 'AR' (H) END PROJ. 18
 = P.O.T. 199+18.2 LINE 'X' PROJ. 18
 = P.O.T. 0+00.0 LINE 'X' PROJ. 70 = P.I. 199+69.0 LINE 'AR' PROJ. 70



C.C. 7-16-40

H. A. Ebbeson
R. E. Primmick

H. A. Ebbeson
R. E. Primmick

3878

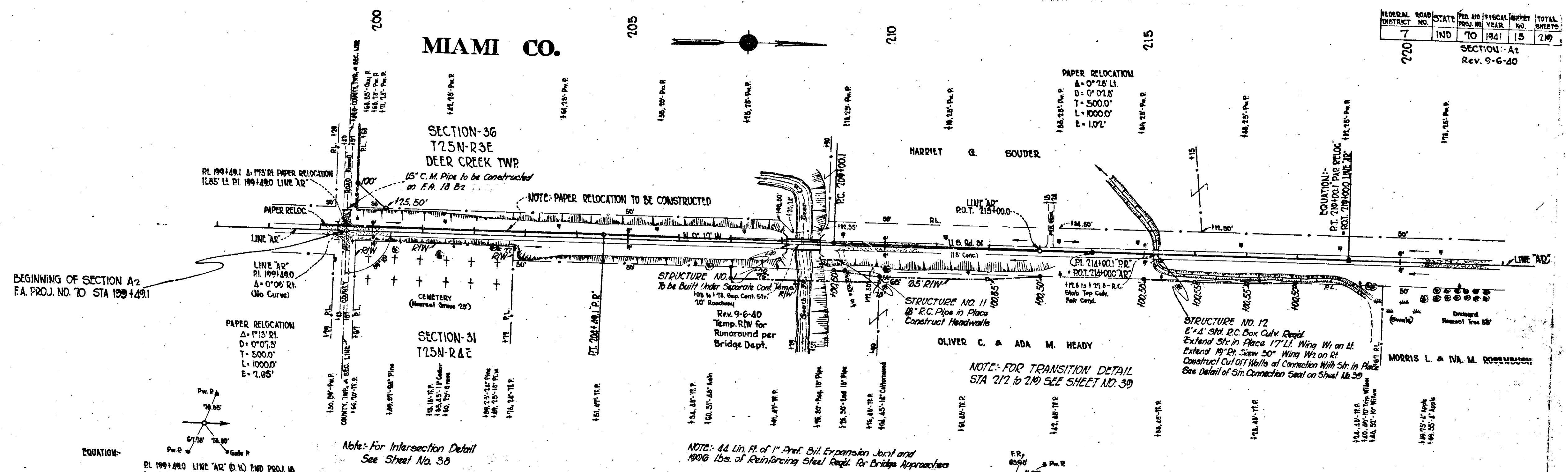
FEDERAL ROAD DISTRICT NO.	STATE	FISCAL YEAR	SECTION	TOTAL SHEETS
7	IND	1921	A2	219

SECTION: A2
Rev. 9-6-20

MIAMI CO.

SECTION-36
T25N-R3E
DEER CREEK TWP

SECTION-31
T25N-R4E



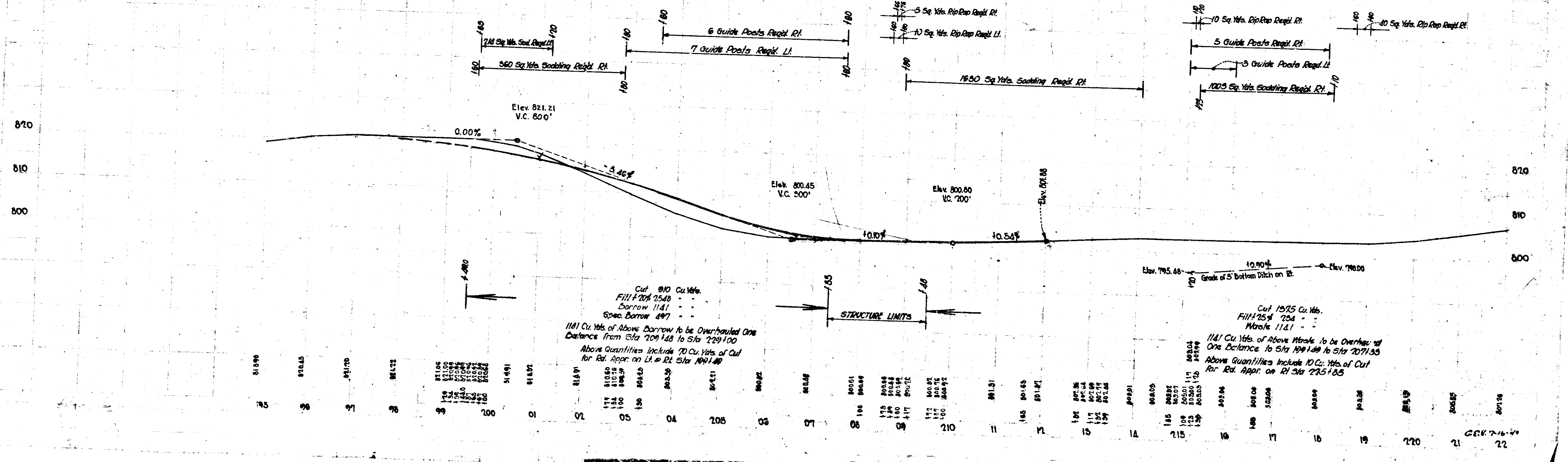
D.M. No. 17- Elev. 523.92 - D.S. in 56' Maple 80' Rt. Sta 191+70
 D.M. No. 18- Elev. 801.50 - D.S. in 48' Oak 75' Rt. Sta 206+75
 D.M. No. 19 Elev. 801.66 - D.S. in Cor. F.R. 50' Lt. Sta 216+10

EQUATION:-
 P.C. 199+480.0
 P.T. 199+480.0
 P.O.T. 199+480.0
 P.T. 199+480.0
 P.C. 199+480.0

Note: For Intersection Detail
 See Sheet No. 38

Note: 44 Lin. Ft. of 1" Prof. Bolt Expansion Joint and
 1900 Lbs. of Reinforcing Steel Req'd. for Bridge Approaches

NOTE: ALL R/W ON THIS SHEET TO BE 50'
 ON EACH SIDE OF & EXCEPT AS SHOWN
 R/W TO BE OBTAINED FROM LINE 'AR'



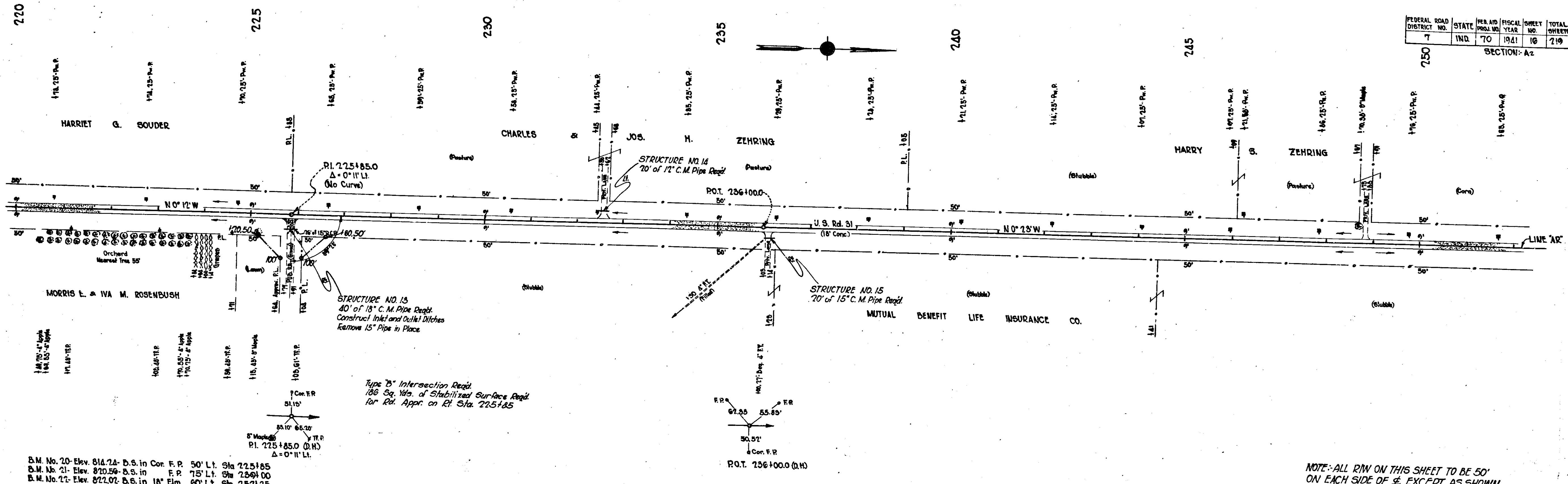
Cut 910 Cu. Yds.
 Fill 205' 2540'
 Borrow 1141
 Spec. Borrow 897
 1141 Cu. Yds. of Above Borrow to be Overhaul'd One
 Distance from Sta 209+48 to Sta 229+00
 Above Quantities include 70 Cu. Yds. of Cut
 for Bat. Appr. on Lt. at Sta 199+48

Cut 1975 Cu. Yds.
 Fill 254' 254
 Waste 1141
 1141 Cu. Yds. of Above Waste to be Overhaul'd
 One Distance to Sta 199+48 to Sta 207+35
 Above Quantities include 10 Cu. Yds. of Cut
 for Bat. Appr. on Rt. at Sta 225+05

3878

FEDERAL ROAD DISTRICT NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	IND.	1941	10	219

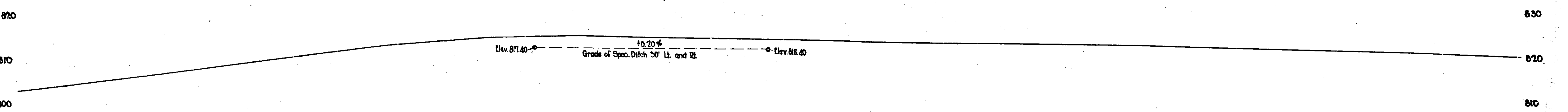
SECTION: A2



B.M. No. 20: Elev. 814.72 - D.S. in Cor. F.P. 50' Lt. Sta 225+85
 B.M. No. 21: Elev. 810.59 - D.S. in F.P. 75' Lt. Sta 256+00
 B.M. No. 22: Elev. 822.07 - D.S. in 18' Elm 60' Lt. Sta 257+25

Type 'B' Intersection Road
 186 Sq. Yds. of Stabilized Surface Road
 for Rd. Appr. on Rt. Sta. 225+85

NOTE: ALL R/W ON THIS SHEET TO BE 50' ON EACH SIDE OF & EXCEPT AS SHOWN

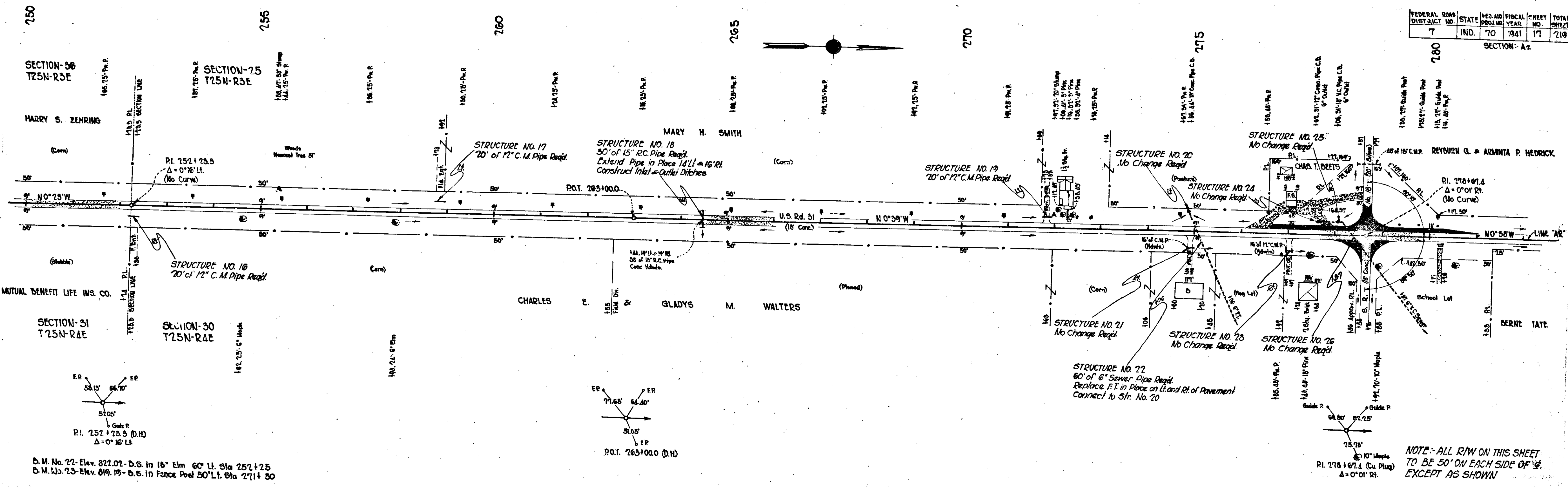


Cut 105.4 Cu. Yds.
 Fill 125.4 602 - -
 Waste 452 - -
 452 Cu. Yds. of Above Waste to be Overhauled
 One Distance to Sta 240+00 to Sta 264+00

80815	80855	80716	80874	81036	81225	81512	81564	81600	81695	81355	81204	81611	81919	81990	82050	82026	82044	81640	82034	82065	82065	82064	82071	82085	82097	82109	82122	82129	82136	82121	82136	82150	82148	82146	82147	82126	82111
220	21	22	23	24	22.5	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56

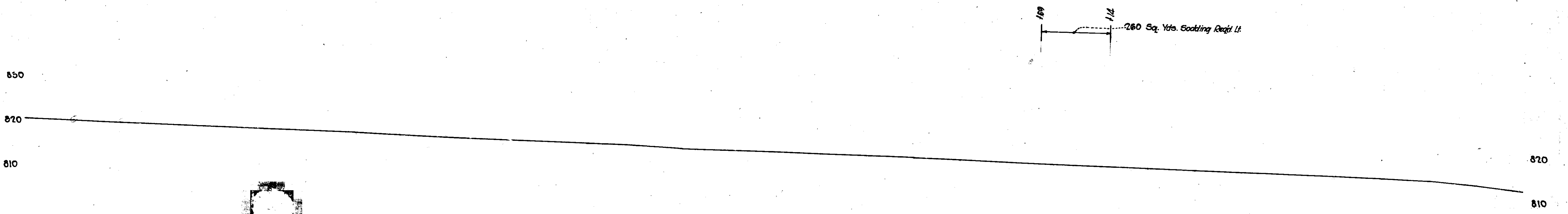
FEDERAL ROAD DISTRICT NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	IND.	70	17	219

SECTION: A2



D.M. No. 22-Elev. 822.02-D.S. in 18\"/>

NOTE: ALL R/W ON THIS SHEET TO BE 50' ON EACH SIDE OF THE EXCEPT AS SHOWN



Cut 527 Cu. Yds.
Fill 1254 1051
Borrow 504
452 Cu. Yds. of Above Dorrow to be Overhauled
One Balance From Sta 229100 to Sta 249100

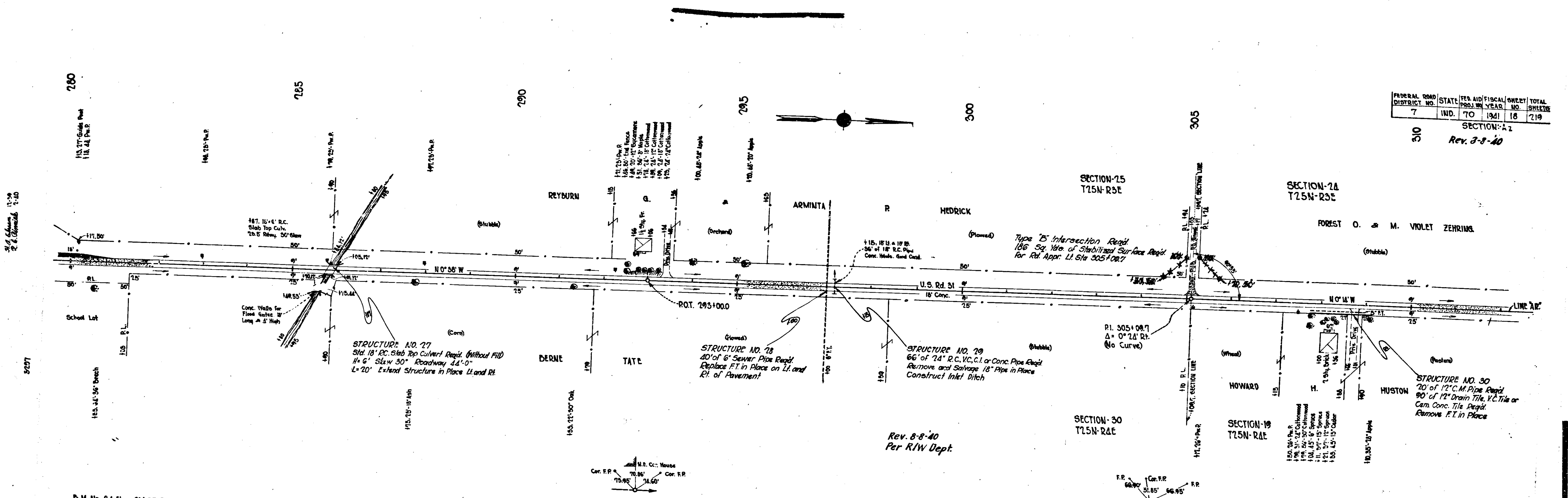
Cut 525 Cu. Yds.
Fill 1254 480
Waste 43

Cut 733 Cu. Yds.
Fill 1254 777
Borrow 44

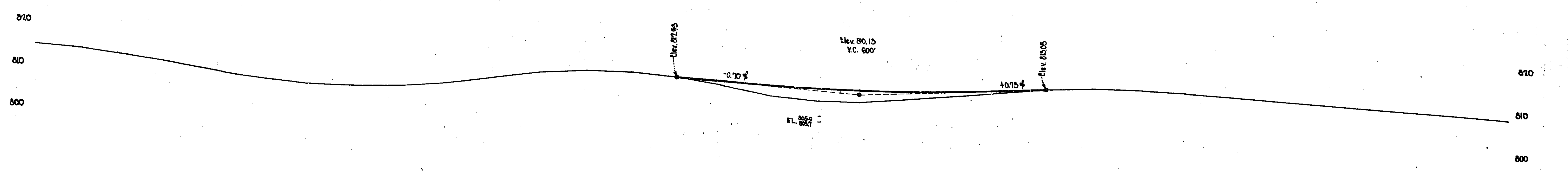
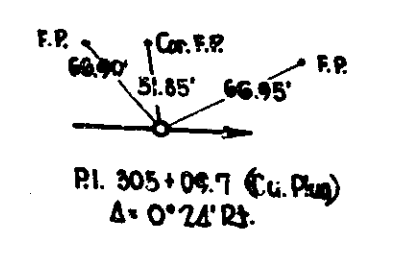
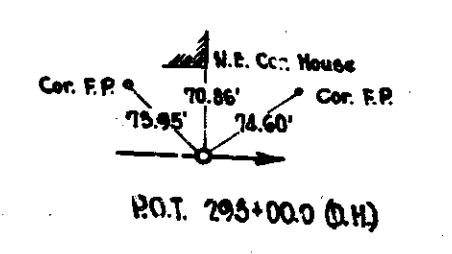
811.7	811.28	811.11	811.00	811.03	810.75	810.83	810.77	810.11	810.91	810.81	810.80	810.81	810.82	810.83	810.84	810.85	810.86	810.87	810.88	810.89	810.90	810.91	810.92	810.93	810.94	810.95	810.96	810.97	810.98	810.99	811.00	811.01	811.02	811.03	811.04	811.05	811.06	811.07	811.08	811.09	811.10	811.11	811.12	811.13	811.14	811.15	811.16	811.17	811.18	811.19	811.20	811.21	811.22	811.23	811.24	811.25	811.26	811.27	811.28	811.29	811.30	811.31	811.32	811.33	811.34	811.35	811.36	811.37	811.38	811.39	811.40	811.41	811.42	811.43	811.44	811.45	811.46	811.47	811.48	811.49	811.50	811.51	811.52	811.53	811.54	811.55	811.56	811.57	811.58	811.59	811.60	811.61	811.62	811.63	811.64	811.65	811.66	811.67	811.68	811.69	811.70	811.71	811.72	811.73	811.74	811.75	811.76	811.77	811.78	811.79	811.80	811.81	811.82	811.83	811.84	811.85	811.86	811.87	811.88	811.89	811.90	811.91	811.92	811.93	811.94	811.95	811.96	811.97	811.98	811.99	812.00
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FEDERAL ROAD DISTRICT NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	IND.	70	18	219

SECTION-21
Rev. 8-8-40



D.M. No. 24: Elev. 814.07' D.S. in 48" Bench 60' Rt. Sta 261+50
 D.M. No. 25: Elev. 803.39' D.S. in Coc. F. Post 25' Rt. Sta 265+90
 D.M. No. 26: Elev. 809.91' D.S. in 24" Apple 50' Lt. Sta 295+15
 D.M. No. 27: Elev. 815.80' D.S. in 50" Callowood 60' Rt. Sta 307+80



Cut 7897 Cu. Yds.
 Fill 1208 5180
 Spec. Borrow 1888

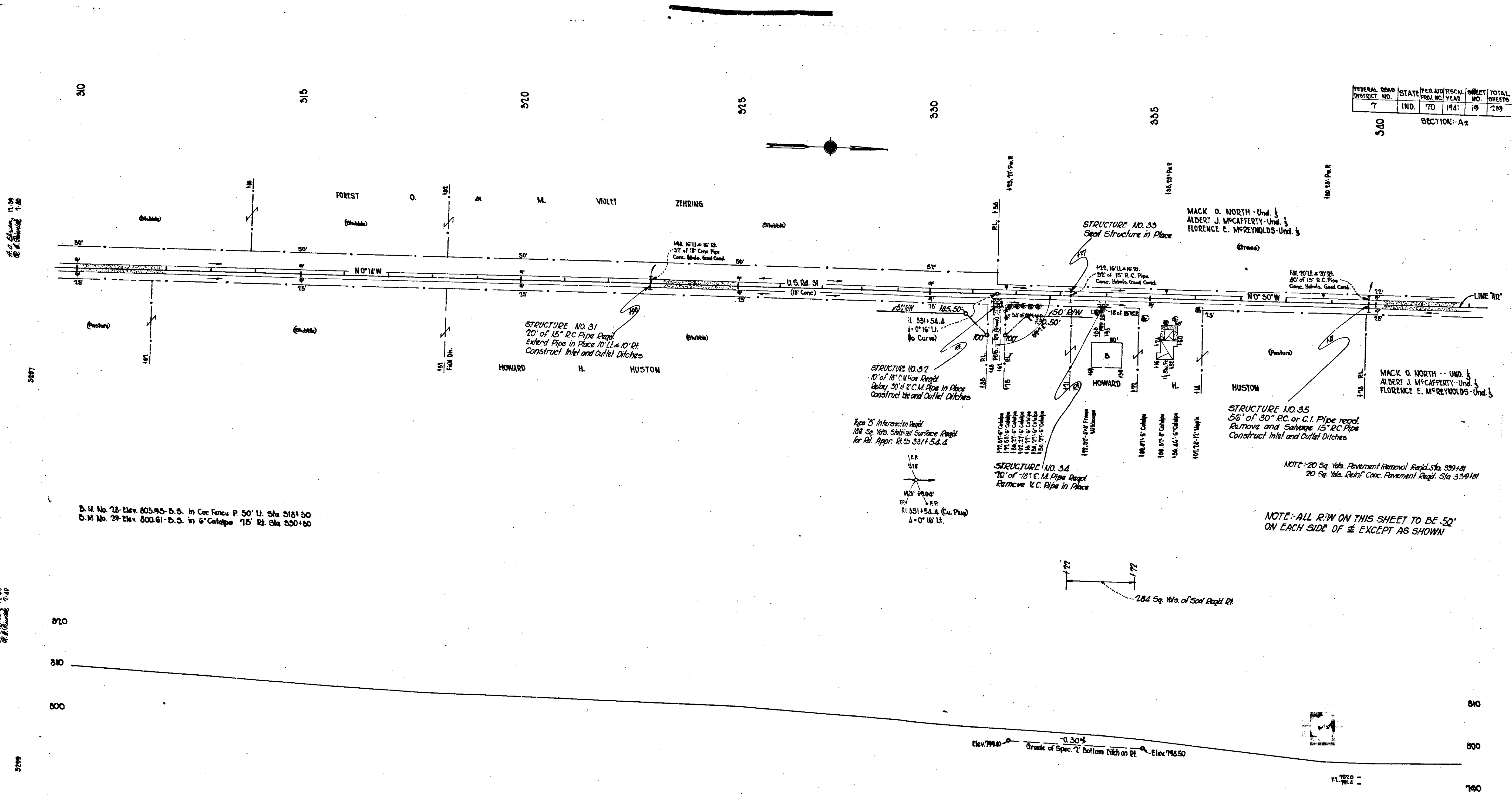
Above Quantities Include 10 Cu. Yds. of Cut for Rd. Appr. on Lt. Sta 305+09.7

815.44	814.19	813.51	812.01	810.39	808.70	806.15	803.75	801.57	800.08	798.61	797.60	796.12	794.27	792.64	791.64	790.45	789.05	787.60	786.10	784.60	783.10	781.60	780.10	778.60	777.10	775.60	774.10	772.60	771.10	769.60	768.10	766.60	765.10	763.60	762.10	760.60	759.10	757.60	756.10	754.60	753.10	751.60	750.10	748.60	747.10	745.60	744.10	742.60	741.10	739.60	738.10	736.60	735.10	733.60	732.10	730.60	729.10	727.60	726.10	724.60	723.10	721.60	720.10	718.60	717.10	715.60	714.10	712.60	711.10	709.60	708.10	706.60	705.10	703.60	702.10	700.60	699.10	697.60	696.10	694.60	693.10	691.60	690.10	688.60	687.10	685.60	684.10	682.60	681.10	679.60	678.10	676.60	675.10	673.60	672.10	670.60	669.10	667.60	666.10	664.60	663.10	661.60	660.10	658.60	657.10	655.60	654.10	652.60	651.10	649.60	648.10	646.60	645.10	643.60	642.10	640.60	639.10	637.60	636.10	634.60	633.10	631.60	630.10	628.60	627.10	625.60	624.10	622.60	621.10	619.60	618.10	616.60	615.10	613.60	612.10	610.60	609.10	607.60	606.10	604.60	603.10	601.60	600.10	598.60	597.10	595.60	594.10	592.60	591.10	589.60	588.10	586.60	585.10	583.60	582.10	580.60	579.10	577.60	576.10	574.60	573.10	571.60	570.10	568.60	567.10	565.60	564.10	562.60	561.10	559.60	558.10	556.60	555.10	553.60	552.10	550.60	549.10	547.60	546.10	544.60	543.10	541.60	540.10	538.60	537.10	535.60	534.10	532.60	531.10	529.60	528.10	526.60	525.10	523.60	522.10	520.60	519.10	517.60	516.10	514.60	513.10	511.60	510.10	508.60	507.10	505.60	504.10	502.60	501.10	499.60	498.10	496.60	495.10	493.60	492.10	490.60	489.10	487.60	486.10	484.60	483.10	481.60	480.10	478.60	477.10	475.60	474.10	472.60	471.10	469.60	468.10	466.60	465.10	463.60	462.10	460.60	459.10	457.60	456.10	454.60	453.10	451.60	450.10	448.60	447.10	445.60	444.10	442.60	441.10	439.60	438.10	436.60	435.10	433.60	432.10	430.60	429.10	427.60	426.10	424.60	423.10	421.60	420.10	418.60	417.10	415.60	414.10	412.60	411.10	409.60	408.10	406.60	405.10	403.60	402.10	400.60	399.10	397.60	396.10	394.60	393.10	391.60	390.10	388.60	387.10	385.60	384.10	382.60	381.10	379.60	378.10	376.60	375.10	373.60	372.10	370.60	369.10	367.60	366.10	364.60	363.10	361.60	360.10	358.60	357.10	355.60	354.10	352.60	351.10	349.60	348.10	346.60	345.10	343.60	342.10	340.60	339.10	337.60	336.10	334.60	333.10	331.60	330.10	328.60	327.10	325.60	324.10	322.60	321.10	319.60	318.10	316.60	315.10	313.60	312.10	310.60	309.10	307.60	306.10	304.60	303.10	301.60	300.10	298.60	297.10	295.60	294.10	292.60	291.10	289.60	288.10	286.60	285.10	283.60	282.10	280.60	279.10	277.60	276.10	274.60	273.10	271.60	270.10	268.60	267.10	265.60	264.10	262.60	261.10	259.60	258.10	256.60	255.10	253.60	252.10	250.60	249.10	247.60	246.10	244.60	243.10	241.60	240.10	238.60	237.10	235.60	234.10	232.60	231.10	229.60	228.10	226.60	225.10	223.60	222.10	220.60	219.10	217.60	216.10	214.60	213.10	211.60	210.10	208.60	207.10	205.60	204.10	202.60	201.10	199.60	198.10	196.60	195.10	193.60	192.10	190.60	189.10	187.60	186.10	184.60	183.10	181.60	180.10	178.60	177.10	175.60	174.10	172.60	171.10	169.60	168.10	166.60	165.10	163.60	162.10	160.60	159.10	157.60	156.10	154.60	153.10	151.60	150.10	148.60	147.10	145.60	144.10	142.60	141.10	139.60	138.10	136.60	135.10	133.60	132.10	130.60	129.10	127.60	126.10	124.60	123.10	121.60	120.10	118.60	117.10	115.60	114.10	112.60	111.10	109.60	108.10	106.60	105.10	103.60	102.10	100.60	99.10	97.60	96.10	94.60	93.10	91.60	90.10	88.60	87.10	85.60	84.10	82.60	81.10	79.60	78.10	76.60	75.10	73.60	72.10	70.60	69.10	67.60	66.10	64.60	63.10	61.60	60.10	58.60	57.10	55.60	54.10	52.60	51.10	49.60	48.10	46.60	45.10	43.60	42.10	40.60	39.10	37.60	36.10	34.60	33.10	31.60	30.10	28.60	27.10	25.60	24.10	22.60	21.10	19.60	18.10	16.60	15.10	13.60	12.10	10.60	9.10	7.60	6.10	4.60	3.10	1.60	0.10
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C.E.R. 7-16-40
12

FEDERAL ROAD DISTRICT NO.	STATE	FISCAL YEAR	PROJECT NO.	TOTAL SHEETS
7	IND.	1941	19	219

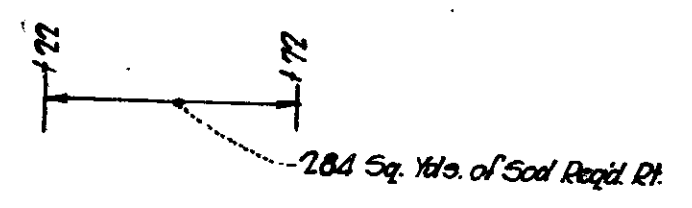
SECTION: A2



B.M. No. 75 - Elev. 805.95 - D.S. in Cor Fence P 50' U. Sta 5181.50
 B.M. No. 29 - Elev. 800.61 - D.S. in 6" Catwalk 15' R. Sta 5301.50

NOTE: 20 Sq. Yds. Pavement Removal Req'd. Sta. 339+81
 20 Sq. Yds. Runt Conc. Pavement Req'd. Sta. 339+81

NOTE: ALL R/W ON THIS SHEET TO BE 50' ON EACH SIDE OF \pm EXCEPT AS SHOWN



Cut 417 Cu. Yds.
 Fill 1254 1064
 Borrow 165
 Spec. Borrow 437
 165 Cu. Yds. of Above Borrow to be Overhauled
 One Balance from Sta 329+00 to Sta 347+00

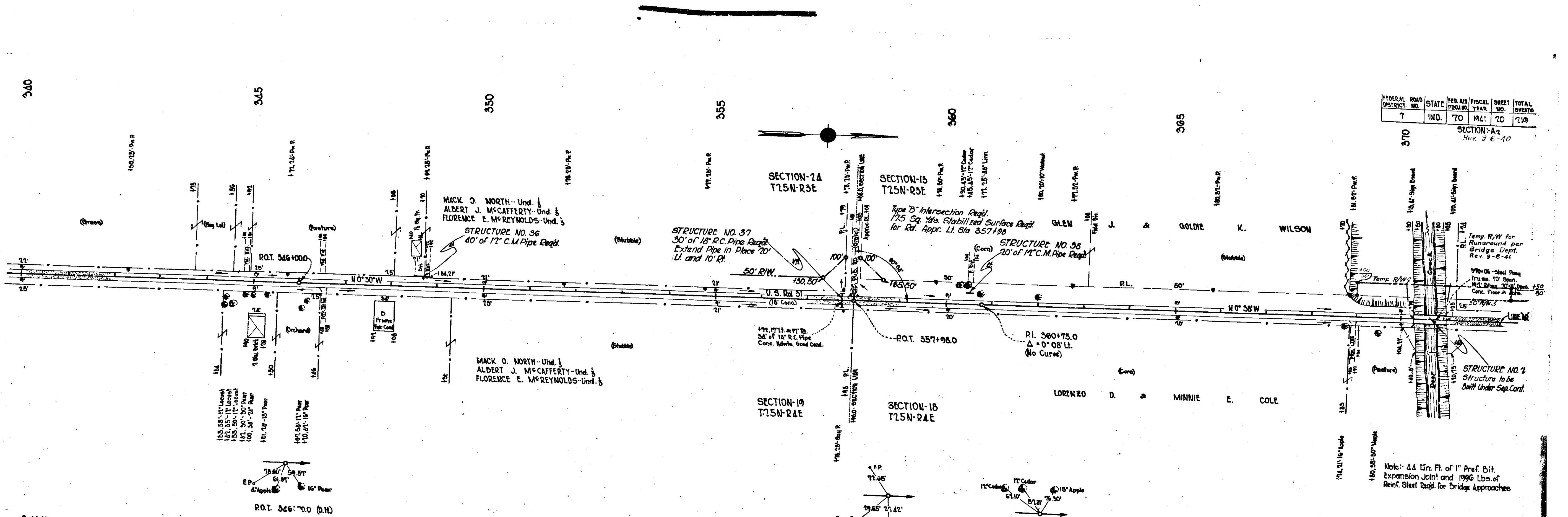
Cut 1258 Cu. Yds.
 Fill 1254 1093
 Waste 165
 165 Cu. Yds. of Above Waste to be Overhauled
 One Balance to Sta 309+00 to Sta 329+00
 Above Quantities include 10 Cu. Yds. of Cut for Rel. Appr. on Rt. Sta 331+54.4

310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342
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C.S.U. 7-16-40

FEDERAL DISTRICT NO.	ROAD PROJECT	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	IND.	70	1941	20	219

SECTION-A2
Rev. 3-6-40



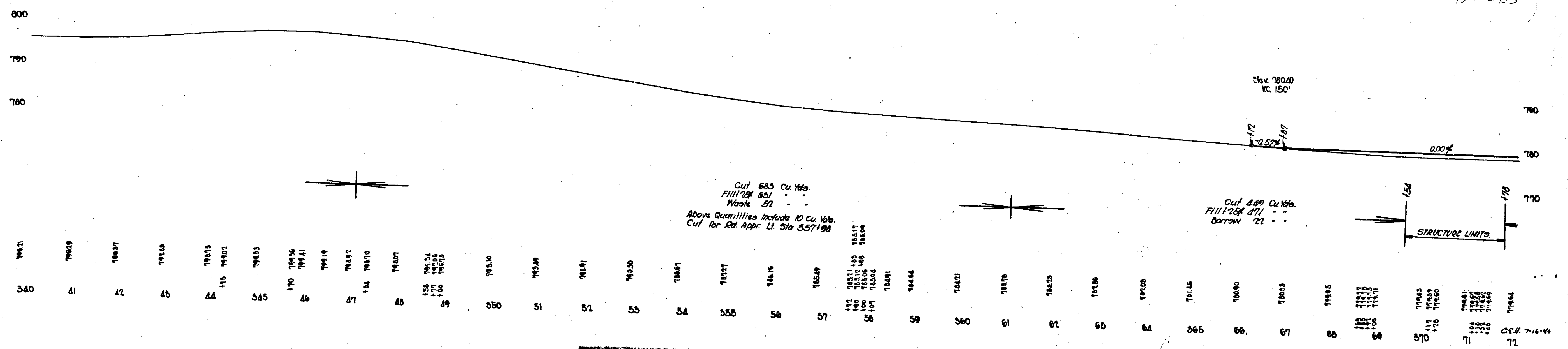
D.M. No. 30 - Elev. 801.66 D.S. in 15" Apple 65' Rt. Sta. 345+05
 D.M. No. 31 - Elev. 785.23 D.S. in 20" Maple 80' Lt. Sta. 360+00
 D.M. No. 32 - Elev. 777.47 D.S. in 48" Oak 100' Rt. Sta. 372+40

240 Sq. Yds. Soaking Rapid Rt.

P.O.T. 3571+00.0 (D.H.)
 P.I. 360+75.0 (D.H.)
 $\Delta = 0^{\circ}08'11''$

NOTE: ALL R/W ON THIS SHEET TO BE 50' ON EACH SIDE OF & EXCEPT AS SHOWN

7A-18-A-1
70 A2 B3



H. A. Eversman
C. E. Pinnick
7-40

5297

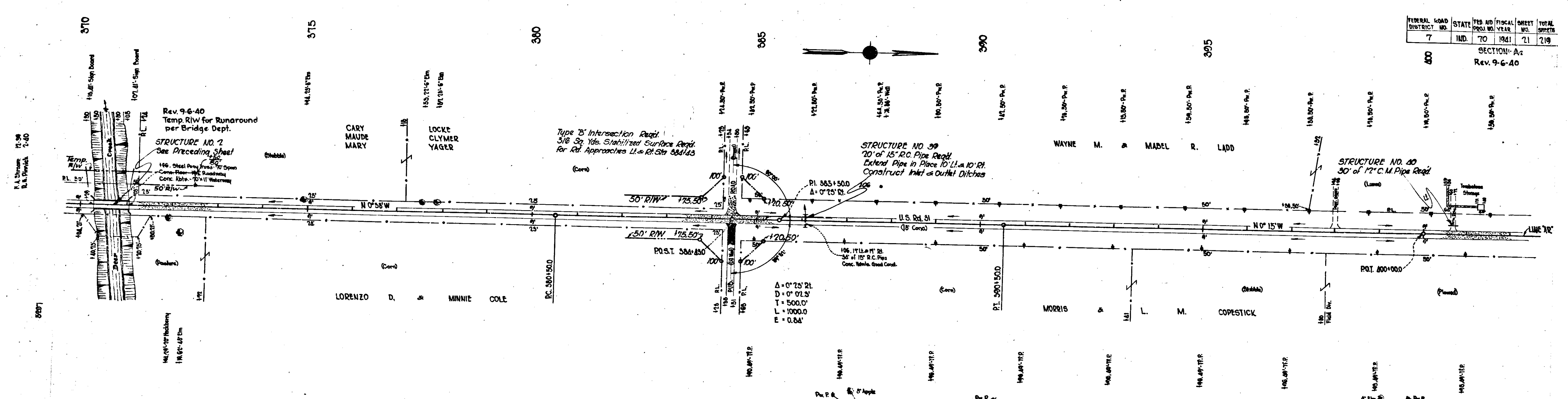
H. A. Eversman
C. E. Pinnick
7-40

5299

C.E. 7-16-40

FEDERAL ROAD DISTRICT NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	IND.	70	1841	219

SECTION: A2
Rev. 9-6-40



B.M. No. 52: Elev. 777.47-5.5 in 45" Oak. 100' R.I. Sta 3712+40
 B.M. No. 53: Elev. 793.13 5. In Power Pole 50' L.I. Sta 3861+76
 B.M. No. 54: Elev. 796.55-7" Cut in Conc. Sign Base 70' L.I. Sta 3991+07

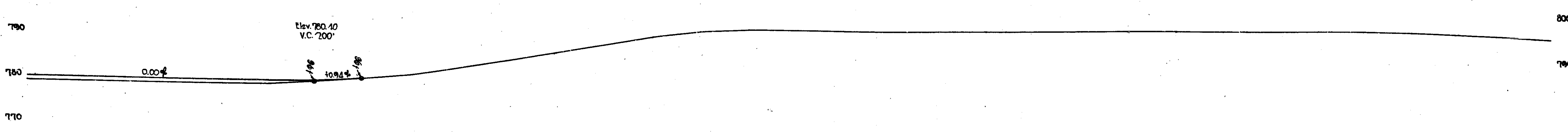
PC. 580+50.0 (D.H.)
 POST. 584+43.0
 1 Pub. Rd. (1st 5th)

PI. 585+50.0 (D.H.)
 RT. 590+50.0 (D.H.)

NOTE: ALL R/W ON THIS SHEET TO BE 50' ON EACH SIDE OF & EXCEPT AS SHOWN

PT. 800+00.0 (D.H.)

571 Sq. Yds. Sodding Regd. Lt.
 571 Sq. Yds. Sodding Regd. Rt.

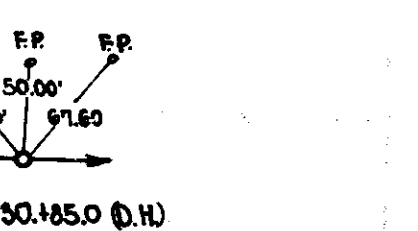
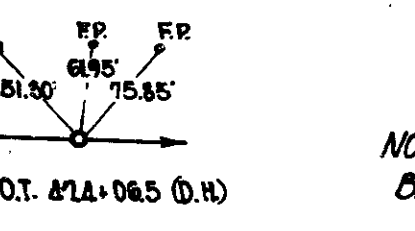
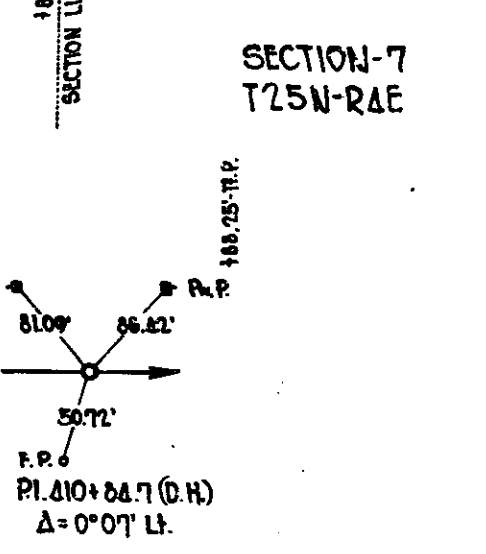
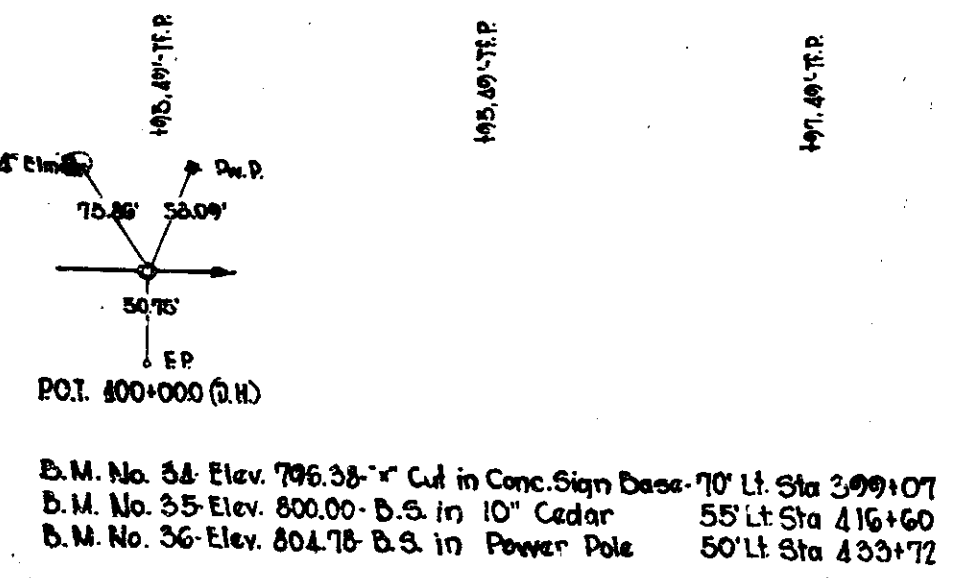
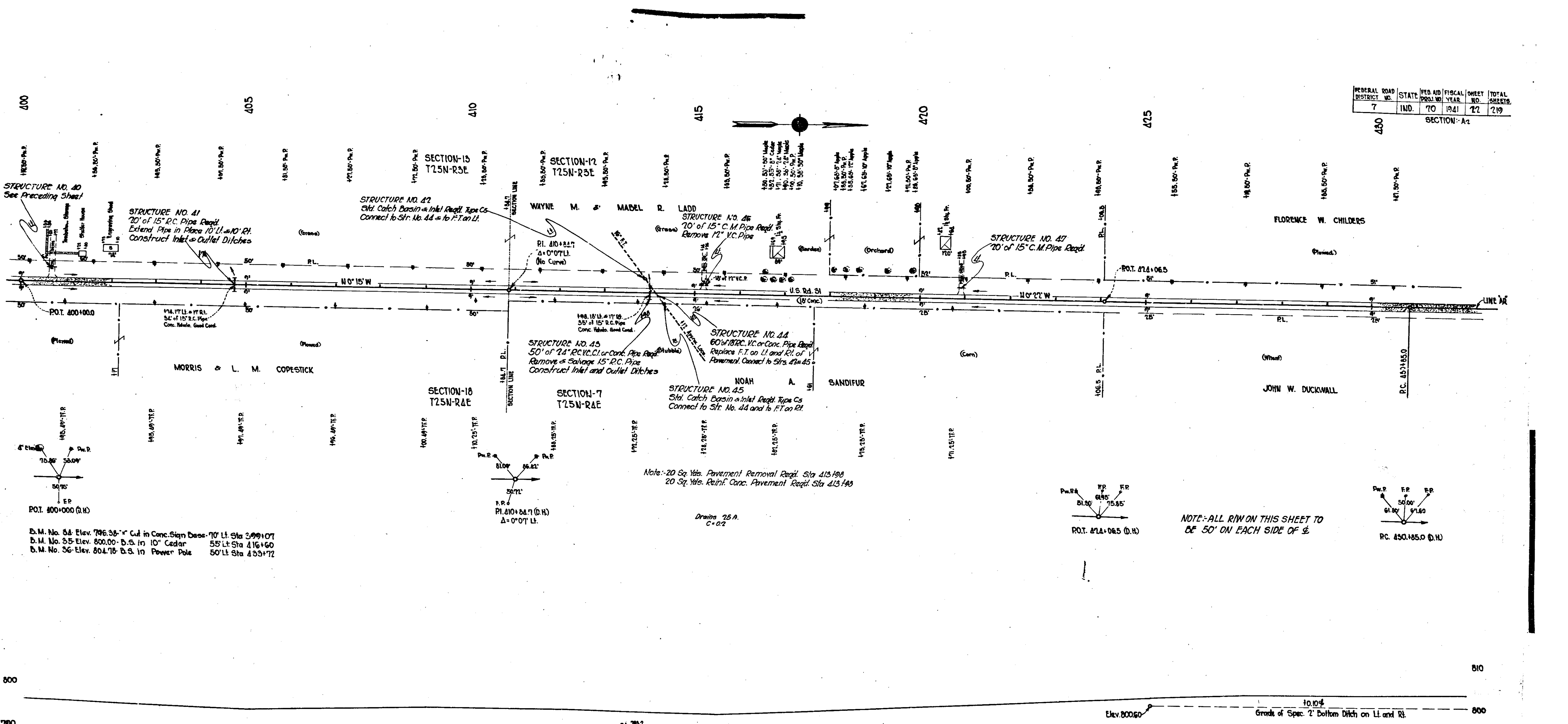


Cut 1097 Cu. Yds.
 Fill 1258 876
 Spec. Borrow 1484

Cut 967 Cu. Yds.
 Fill 1258 876
 Waste 91
 Above Quantities Include 15 Cu. Yds. Cut for Rd. Appr. Lt. and Rt. Sta 584+43

716.52	716.51	716.50	716.49	716.48	716.47	716.46	716.45	716.44	716.43	716.42	716.41	716.40	716.39	716.38	716.37	716.36	716.35	716.34	716.33	716.32	716.31	716.30	716.29	716.28	716.27	716.26	716.25	716.24	716.23	716.22	716.21	716.20	716.19	716.18	716.17	716.16	716.15	716.14	716.13	716.12	716.11	716.10	716.09	716.08	716.07	716.06	716.05	716.04	716.03	716.02	716.01	716.00	715.99	715.98	715.97	715.96	715.95	715.94	715.93	715.92	715.91	715.90	715.89	715.88	715.87	715.86	715.85	715.84	715.83	715.82	715.81	715.80	715.79	715.78	715.77	715.76	715.75	715.74	715.73	715.72	715.71	715.70	715.69	715.68	715.67	715.66	715.65	715.64	715.63	715.62	715.61	715.60	715.59	715.58	715.57	715.56	715.55	715.54	715.53	715.52	715.51	715.50	715.49	715.48	715.47	715.46	715.45	715.44	715.43	715.42	715.41	715.40	715.39	715.38	715.37	715.36	715.35	715.34	715.33	715.32	715.31	715.30	715.29	715.28	715.27	715.26	715.25	715.24	715.23	715.22	715.21	715.20	715.19	715.18	715.17	715.16	715.15	715.14	715.13	715.12	715.11	715.10	715.09	715.08	715.07	715.06	715.05	715.04	715.03	715.02	715.01	715.00
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FEDERAL ROAD DISTRICT NO.	STATE	FISCAL YEAR	PROJ. NO.	SHEET NO.	TOTAL SHEETS
7	IND.	1941	22	219	



Note: 20 Sq. Yds. Pavement Removal Req'd. Sta 413+90
20 Sq. Yds. Reinf. Conc. Pavement Req'd. Sta 413+90

NOTE: ALL R/W ON THIS SHEET TO BE 50' ON EACH SIDE OF ϕ

Cut 1044 Cu. Yds.
Fill 1754 1051
Borrow 7

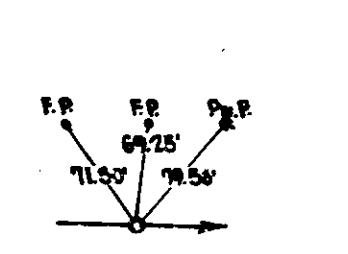
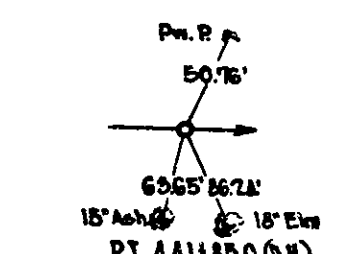
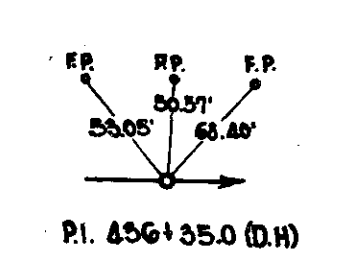
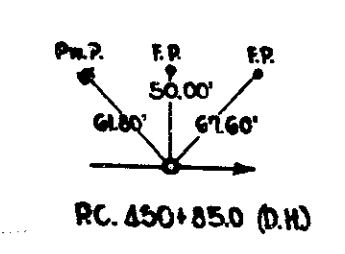
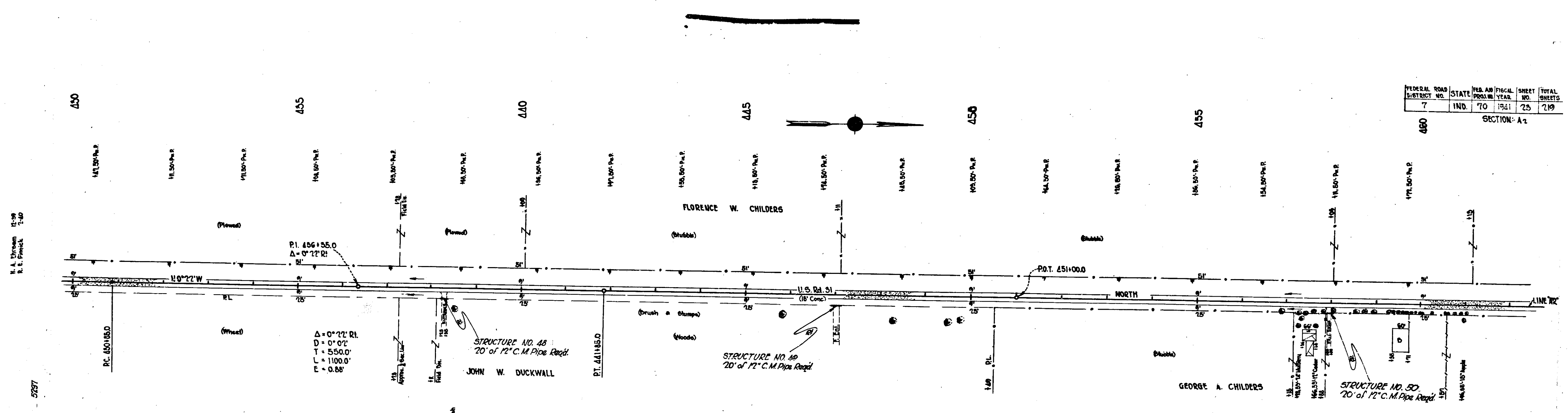
Cut 1478 Cu. Yds.
Fill 1254 612
Waste 816

79840	79851	79862	79873	79884	79895	79906	79917	79928	79939	79950	79961	79972	79983	79994	80005	80016	80027	80038	80049	80060	80071	80082	80093	80104	80115	80126	80137	80148	80159	80170	80181	80192	80203	80214	80225	80236	80247	80258	80269	80280	80291	80302	80313	80324	80335	80346	80357	80368	80379	80390	80401	80412	80423	80434	80445	80456	80467	80478	80489	80500	80511	80522	80533	80544	80555	80566	80577	80588	80599	80610	80621	80632	80643	80654	80665	80676	80687	80698	80709	80720	80731	80742	80753	80764	80775	80786	80797	80808	80819	80830	80841	80852	80863	80874	80885	80896	80907	80918	80929	80940	80951	80962	80973	80984	80995	81006	81017	81028	81039	81050	81061	81072	81083	81094	81105	81116	81127	81138	81149	81160	81171	81182	81193	81204	81215	81226	81237	81248	81259	81270	81281	81292	81303	81314	81325	81336	81347	81358	81369	81380	81391	81402	81413	81424	81435	81446	81457	81468	81479	81490	81501	81512	81523	81534	81545	81556	81567	81578	81589	81600	81611	81622	81633	81644	81655	81666	81677	81688	81699	81710	81721	81732	81743	81754	81765	81776	81787	81798	81809	81820	81831	81842	81853	81864	81875	81886	81897	81908	81919	81930	81941	81952	81963	81974	81985	81996	82007	82018	82029	82040	82051	82062	82073	82084	82095	82106	82117	82128	82139	82150	82161	82172	82183	82194	82205	82216	82227	82238	82249	82260	82271	82282	82293	82304	82315	82326	82337	82348	82359	82370	82381	82392	82403	82414	82425	82436	82447	82458	82469	82480	82491	82502	82513	82524	82535	82546	82557	82568	82579	82590	82601	82612	82623	82634	82645	82656	82667	82678	82689	82700	82711	82722	82733	82744	82755	82766	82777	82788	82799	82810	82821	82832	82843	82854	82865	82876	82887	82898	82909	82920	82931	82942	82953	82964	82975	82986	82997	83008	83019	83030	83041	83052	83063	83074	83085	83096	83107	83118	83129	83140	83151	83162	83173	83184	83195	83206	83217	83228	83239	83250	83261	83272	83283	83294	83305	83316	83327	83338	83349	83360	83371	83382	83393	83404	83415	83426	83437	83448	83459	83470	83481	83492	83503	83514	83525	83536	83547	83558	83569	83580	83591	83602	83613	83624	83635	83646	83657	83668	83679	83690	83701	83712	83723	83734	83745	83756	83767	83778	83789	83800	83811	83822	83833	83844	83855	83866	83877	83888	83899	83910	83921	83932	83943	83954	83965	83976	83987	83998	84009	84020	84031	84042	84053	84064	84075	84086	84097	84108	84119	84130	84141	84152	84163	84174	84185	84196	84207	84218	84229	84240	84251	84262	84273	84284	84295	84306	84317	84328	84339	84350	84361	84372	84383	84394	84405	84416	84427	84438	84449	84460	84471	84482	84493	84504	84515	84526	84537	84548	84559	84570	84581	84592	84603	84614	84625	84636	84647	84658	84669	84680	84691	84702	84713	84724	84735	84746	84757	84768	84779	84790	84801	84812	84823	84834	84845	84856	84867	84878	84889	84900	84911	84922	84933	84944	84955	84966	84977	84988	84999
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C.C.P. 7-16-40

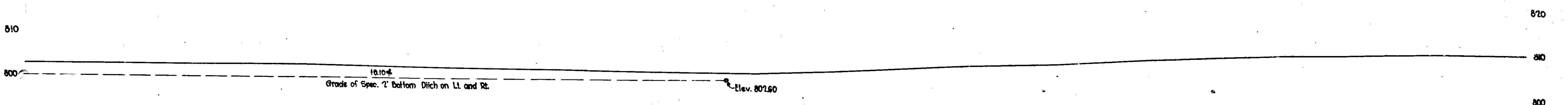
FEDERAL ROAD DISTRICT NO.	STATE	FED. AID PROGRAM YEAR	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	IND.	70	1961	25	719

SECTION: A1



Station	Water	Sewer	Gas	Electric
430+00	18.00	18.00	18.00	18.00
435+00	18.00	18.00	18.00	18.00
440+00	18.00	18.00	18.00	18.00
445+00	18.00	18.00	18.00	18.00
450+00	18.00	18.00	18.00	18.00
455+00	18.00	18.00	18.00	18.00
460+00	18.00	18.00	18.00	18.00

ALL R/W ON THIS SHEET TO BE 50' ON EACH SIDE OF E.

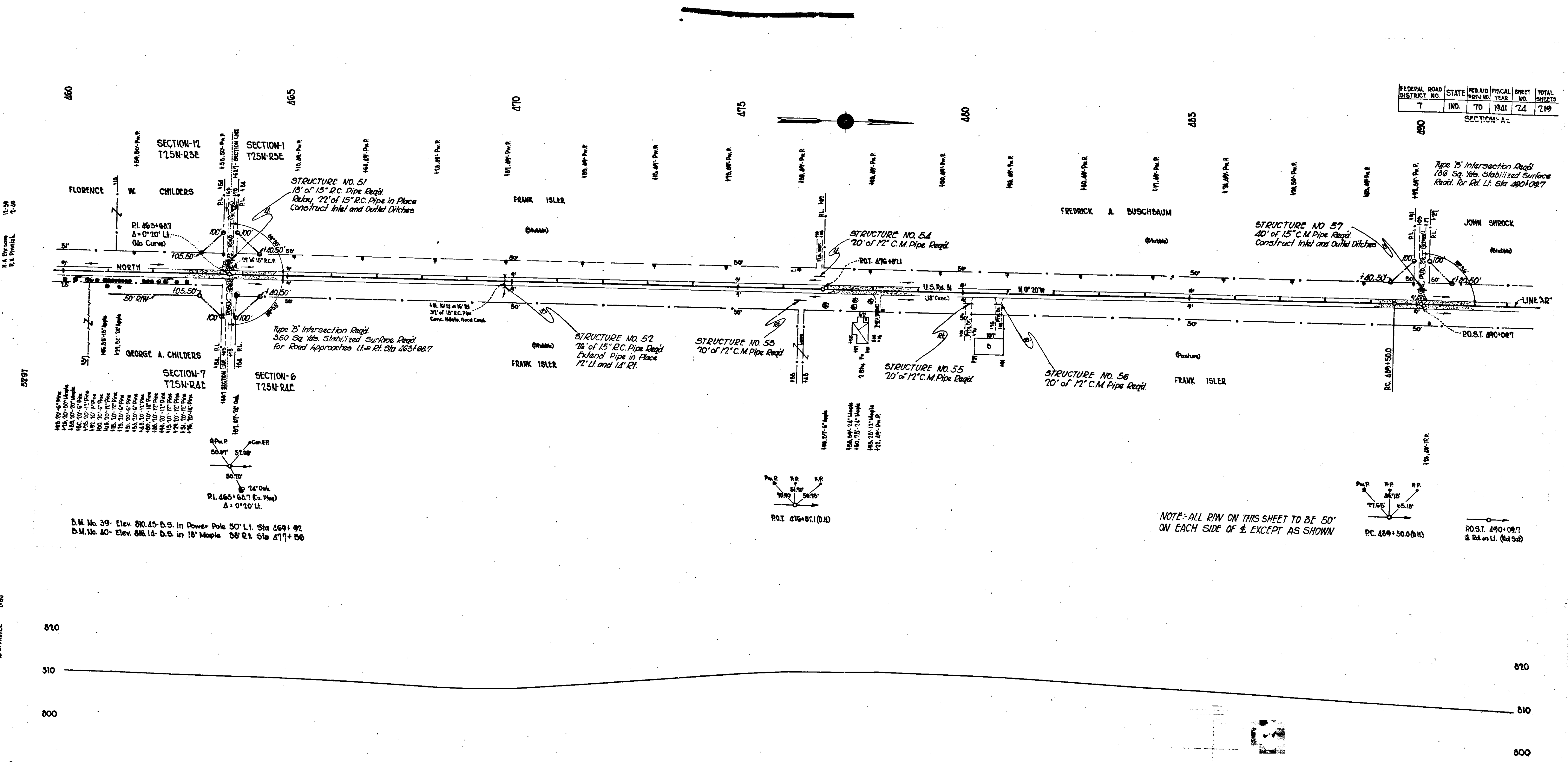


Cut 857 Cu Yds
 Fill 754 Cu Yds
 Waste 205

Station	8085	8087	8089	8091	8093	8095	8097	8099	8101	8103	8105	8107	8109	8111	8113	8115	8117	8119	8121
430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449
450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469

FEDERAL ROAD DISTRICT NO.	STATE	FISCAL YEAR	PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	IND.	70	1941	24	219

SECTION-A-1

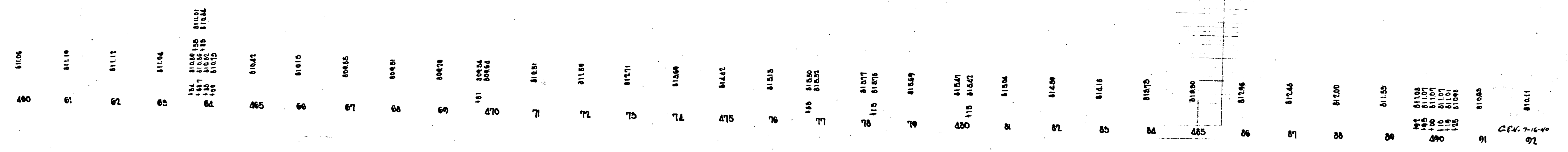


D.M. No. 39- Elev. 80.25- D.S. in Power Pole 50' Lt. Sta 469+92
 D.M. No. 40- Elev. 81.15- D.S. in 18' Maple 58' Rt. Sta 471+56

5797

Cut 576 Cu. Yds.
 Fill 125 585
 Dorrow 58
 Above Quantities Include 10 Cu. Yd. Cut
 and 15 Cu. Yds. Fill for Rd. Appr. Lt. Sta 463+82.7

Cut 499 Cu. Yds.
 Fill 125 580
 Dorrow 61
 Above Quantities Include 10 Cu. Yds.
 Cut for Rd. Appr. on Lt. Sta 490+08.7

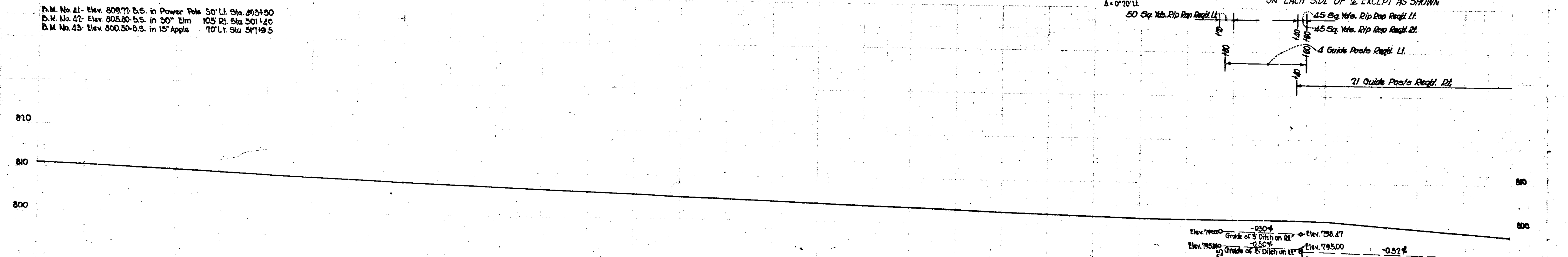
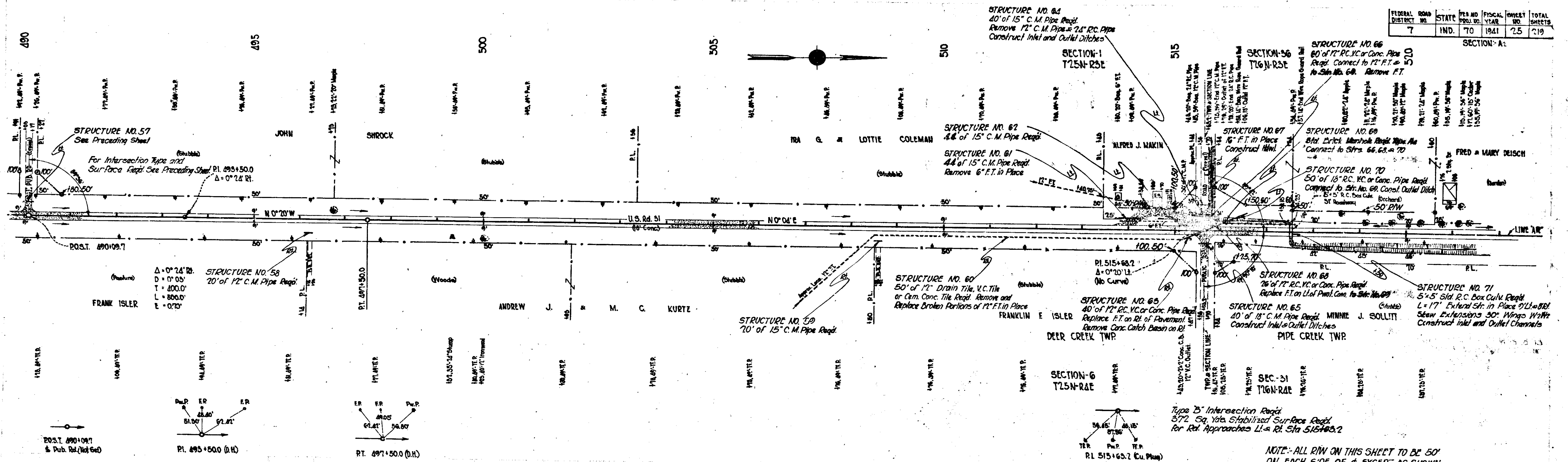


H.A. Johnson
 D.L. Primm

H.A. Johnson
 D.L. Primm

5289

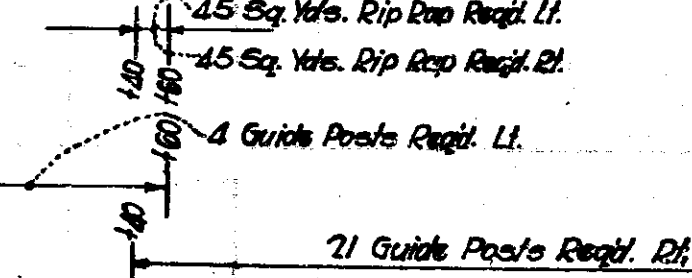
FEDERAL ROAD DISTRICT NO.	STATE	FED. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	IND.	70	1961	25	219



Station	Elevation	Notes
490	810.7	Top of 12" C.M. Pipe
491	810.0	Top of 12" C.M. Pipe
492	809.3	Top of 12" C.M. Pipe
493	808.6	Top of 12" C.M. Pipe
494	807.9	Top of 12" C.M. Pipe
495	807.2	Top of 12" C.M. Pipe
496	806.5	Top of 12" C.M. Pipe
497	805.8	Top of 12" C.M. Pipe
498	805.1	Top of 12" C.M. Pipe
499	804.4	Top of 12" C.M. Pipe
500	803.7	Top of 12" C.M. Pipe
501	803.0	Top of 12" C.M. Pipe
502	802.3	Top of 12" C.M. Pipe
503	801.6	Top of 12" C.M. Pipe
504	800.9	Top of 12" C.M. Pipe
505	800.2	Top of 12" C.M. Pipe
506	799.5	Top of 12" C.M. Pipe
507	798.8	Top of 12" C.M. Pipe
508	798.1	Top of 12" C.M. Pipe
509	797.4	Top of 12" C.M. Pipe
510	796.7	Top of 12" C.M. Pipe
511	796.0	Top of 12" C.M. Pipe
512	795.3	Top of 12" C.M. Pipe
513	794.6	Top of 12" C.M. Pipe
514	793.9	Top of 12" C.M. Pipe
515	793.2	Top of 12" C.M. Pipe
516	792.5	Top of 12" C.M. Pipe
517	791.8	Top of 12" C.M. Pipe
518	791.1	Top of 12" C.M. Pipe
519	790.4	Top of 12" C.M. Pipe
520	789.7	Top of 12" C.M. Pipe
521	789.0	Top of 12" C.M. Pipe
522	788.3	Top of 12" C.M. Pipe

D.M. No. 41 - Elev. 809.72 B.S. in Power Pole 50' Lt. Sta. 493+50
 D.M. No. 42 - Elev. 805.80 B.S. in 30" Elm 105' Rt. Sta. 501+40
 D.M. No. 43 - Elev. 800.50 B.S. in 15" Apple 70' Lt. Sta. 517+19.5

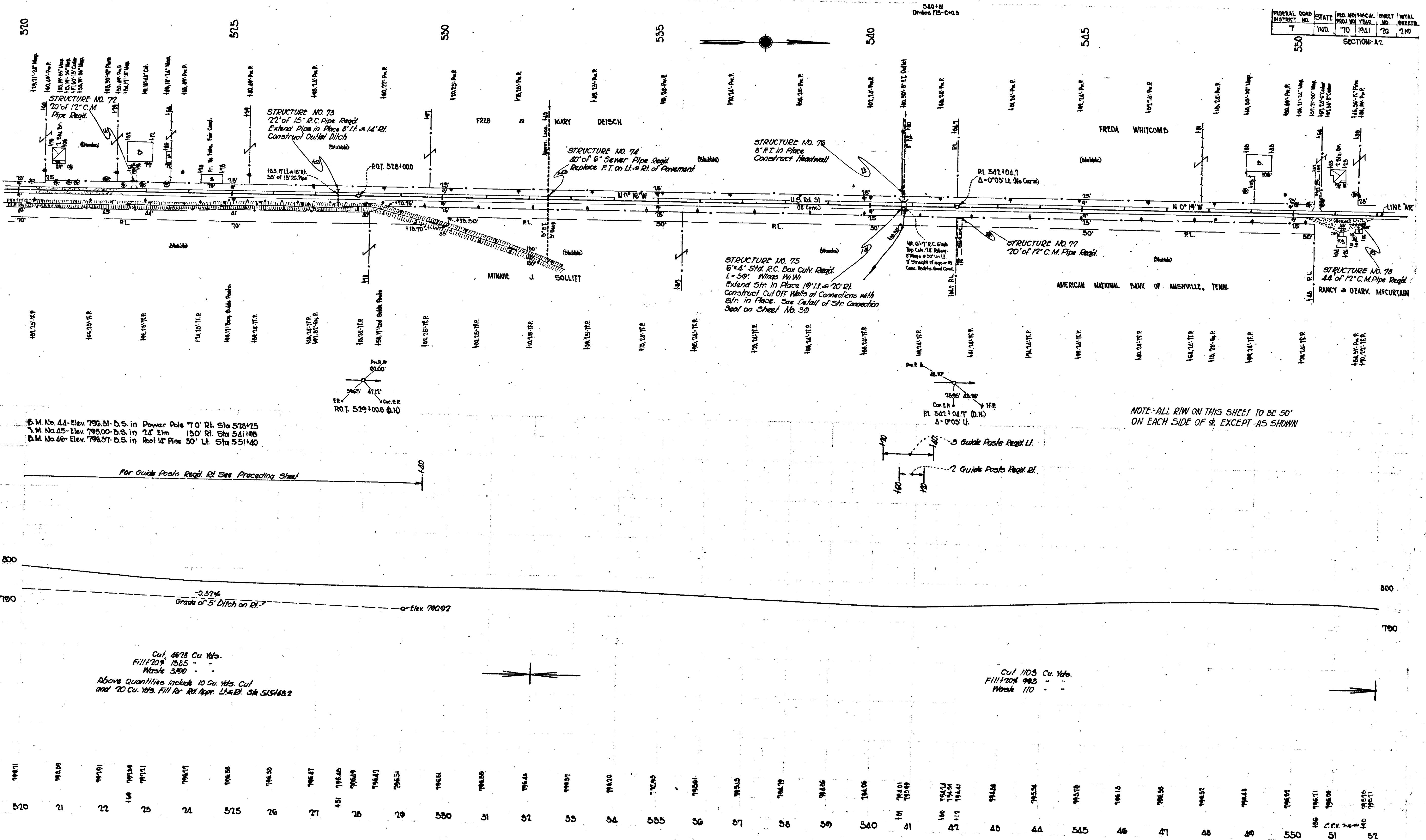
NOTE: ALL R/W ON THIS SHEET TO BE 50' ON EACH SIDE OF & EXCEPT AS SHOWN



Cut 597 Cu. Yds.
 Fill 1223 564
 Waste 35

FEDERAL ROAD DISTRICT NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	IND.	70	1941	26	219

SECTION-A-2



N. A. Brown, P.E.
R. E. Pinnick, P.E.

N. A. Brown, P.E.
R. E. Pinnick, P.E.

5299

79871	79879	79891	79904	79917	79930	79943	79956	79969	79982	79995	80008	80021	80034	80047	80060	80073	80086	80099	80112	80125	80138	80151	80164	80177	80190	80203	80216	80229	80242	80255	80268	80281	80294	80307	80320	80333	80346	80359	80372	80385	80398	80411	80424	80437	80450	80463	80476	80489	80502	80515	80528	80541	80554	80567	80580	80593	80606	80619	80632	80645	80658	80671	80684	80697	80710	80723	80736	80749	80762	80775	80788	80801	80814	80827	80840	80853	80866	80879	80892	80905	80918	80931	80944	80957	80970	80983	80996	81009	81022	81035	81048	81061	81074	81087	81100	81113	81126	81139	81152	81165	81178	81191	81204	81217	81230	81243	81256	81269	81282	81295	81308	81321	81334	81347	81360	81373	81386	81399	81412	81425	81438	81451	81464	81477	81490	81503	81516	81529	81542	81555	81568	81581	81594	81607	81620	81633	81646	81659	81672	81685	81698	81711	81724	81737	81750	81763	81776	81789	81802	81815	81828	81841	81854	81867	81880	81893	81906	81919	81932	81945	81958	81971	81984	81997	82010	82023	82036	82049	82062	82075	82088	82101	82114	82127	82140	82153	82166	82179	82192	82205	82218	82231	82244	82257	82270	82283	82296	82309	82322	82335	82348	82361	82374	82387	82400	82413	82426	82439	82452	82465	82478	82491	82504	82517	82530	82543	82556	82569	82582	82595	82608	82621	82634	82647	82660	82673	82686	82699	82712	82725	82738	82751	82764	82777	82790	82803	82816	82829	82842	82855	82868	82881	82894	82907	82920	82933	82946	82959	82972	82985	82998	83011	83024	83037	83050	83063	83076	83089	83102	83115	83128	83141	83154	83167	83180	83193	83206	83219	83232	83245	83258	83271	83284	83297	83310	83323	83336	83349	83362	83375	83388	83401	83414	83427	83440	83453	83466	83479	83492	83505	83518	83531	83544	83557	83570	83583	83596	83609	83622	83635	83648	83661	83674	83687	83700	83713	83726	83739	83752	83765	83778	83791	83804	83817	83830	83843	83856	83869	83882	83895	83908	83921	83934	83947	83960	83973	83986	83999	84012	84025	84038	84051	84064	84077	84090	84103	84116	84129	84142	84155	84168	84181	84194	84207	84220	84233	84246	84259	84272	84285	84298	84311	84324	84337	84350	84363	84376	84389	84402	84415	84428	84441	84454	84467	84480	84493	84506	84519	84532	84545	84558	84571	84584	84597	84610	84623	84636	84649	84662	84675	84688	84701	84714	84727	84740	84753	84766	84779	84792	84805	84818	84831	84844	84857	84870	84883	84896	84909	84922	84935	84948	84961	84974	84987	84999
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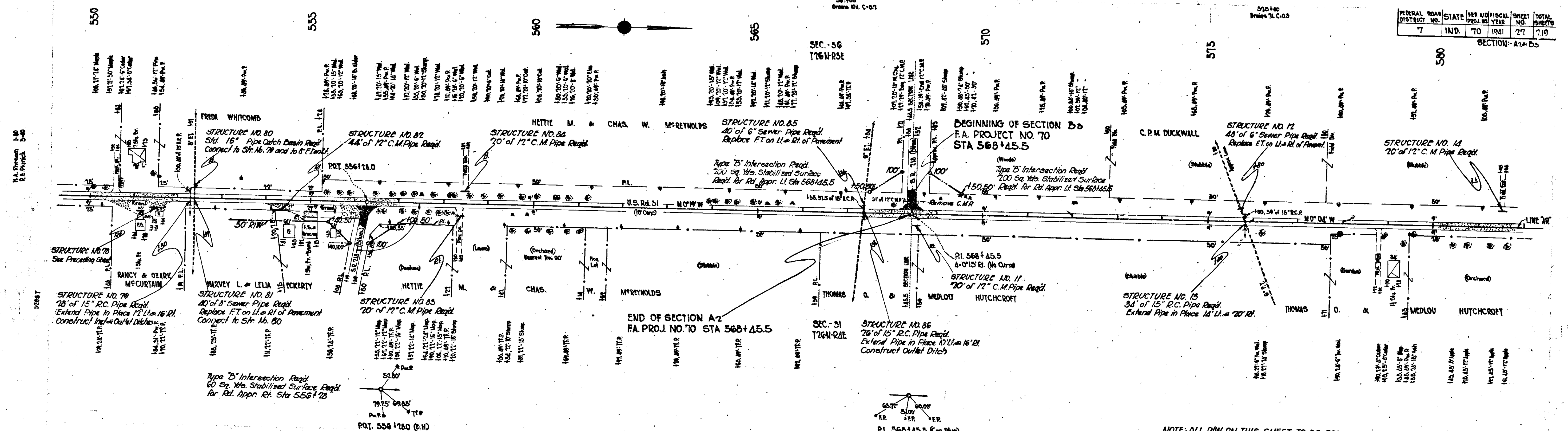
55190
Drains R.A. C-05

56165
Drains R.A. C-01

57040
Drains R.A. C-03

FEDERAL DISTRICT NO.	ROAD NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	IND.	70	1941	27	719

SECTION: A2-B5



D.M. No. 65 - Elev. 796.57 - D.S. in 10' Pipe 50' Lt. Sta. 551+40
 D.M. No. 67 - Elev. 795.71 - D.S. in 10' Apple 60' Rt. Sta. 561+06
 D.M. No. 68 - Elev. 795.11 - D.S. in 18' Branch 60' Lt. Sta. 571+05
 D.M. No. 69 - Elev. 790.01 - D.S. in 10' Apple 70' Rt. Sta. 581+40

NOTE: ALL R/W ON THIS SHEET TO BE 50' ON EACH SIDE OF & EXCEPT AS SHOWN

For Soothing Lt. - Rt. See Next Sheet

Cut: 1768 Cu Yds.
 Fill: 754 Cu Yds.
 Waste: 700
 Above Quantities Include 5 Cu Yds. Cut for Rd. Appr. on Rt. Sta. 556+78 and 150 Cu Yds. Cut for Rd. Appr. on Lt. Sta. 568+45.5

Cut: 8599 Cu Yds.
 Fill: 2046 Cu Yds.
 Waste: 790.1
 Above Quantities Include 150 Cu Yds. of Cut for Rd. Appr. Lt. Sta. 568+45.5

Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation
550	796.57	551	796.03	552	795.71	553	795.11
554	794.84	555	793.57	556	793.55	557	793.01
558	792.89	559	792.86	560	792.86	561	792.86
562	792.86	563	792.86	564	792.86	565	792.86
567	792.86	568	792.86	569	792.86	570	792.86
572	792.86	573	792.86	574	792.86	575	792.86
577	792.86	578	792.86	579	792.86	580	792.86
582	792.86	583	792.86	584	792.86	585	792.86
588	792.86	589	792.86	590	792.86	591	792.86
594	792.86	595	792.86	596	792.86	597	792.86
599	792.86	600	792.86	601	792.86	602	792.86

580

585

590

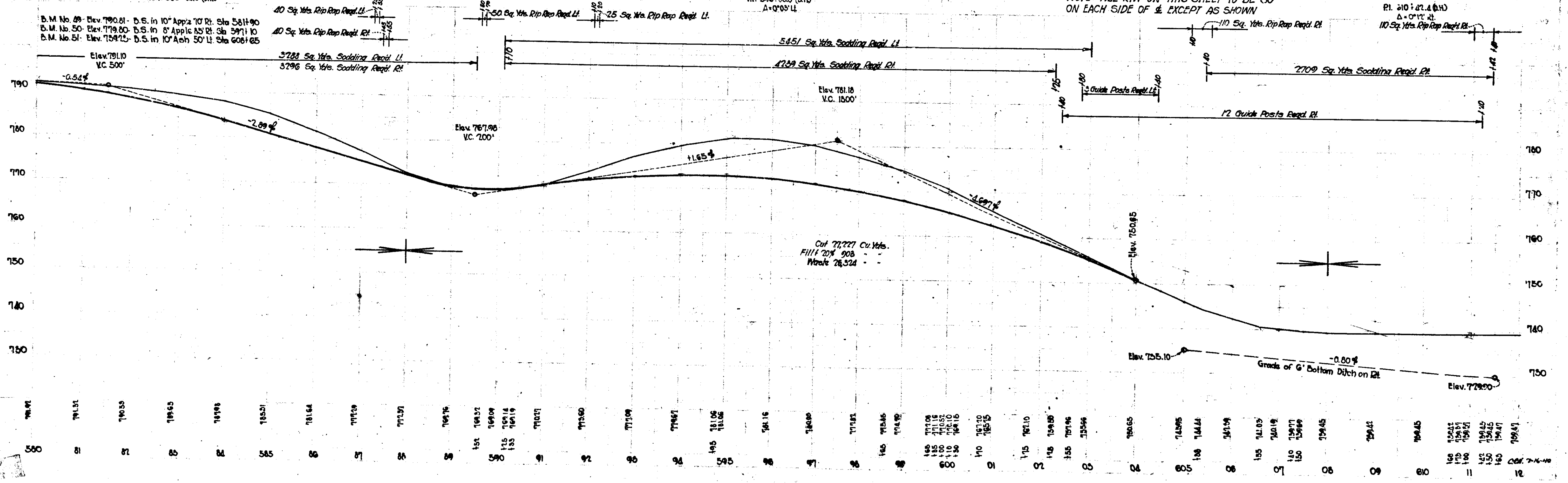
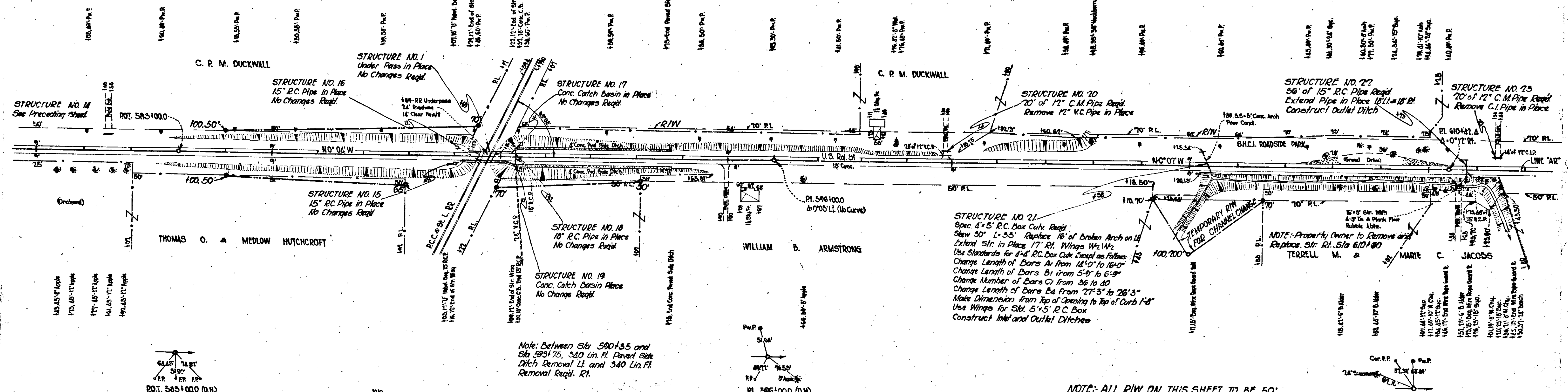
595

600

605

FEDERAL ROAD DISTRICT NO.	STATE	FED. AID FISCAL YEAR	PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	IND.	1941	76	119	119

SECTION: D-D
 64170
 Draw: AA-C-05



H. L. DICKSON, T. G. B. & COMPANY, 540

5299

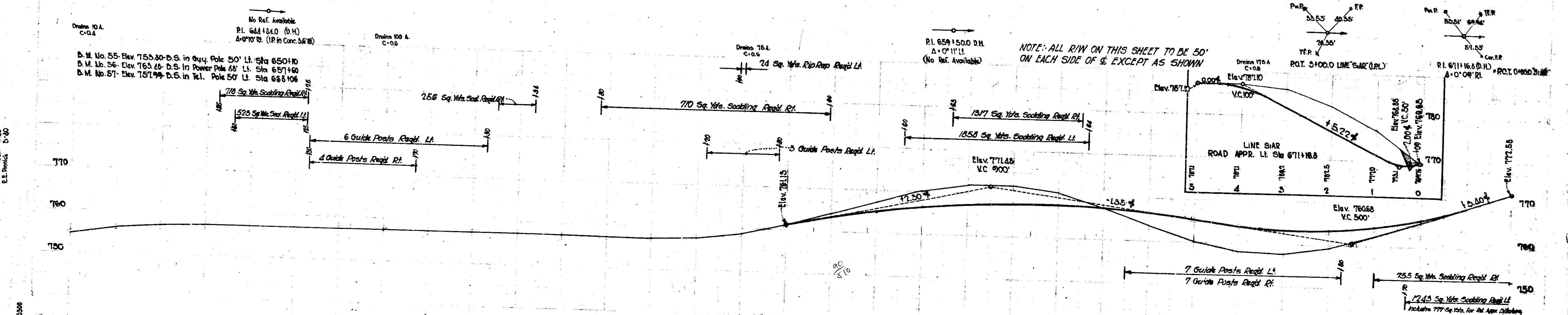
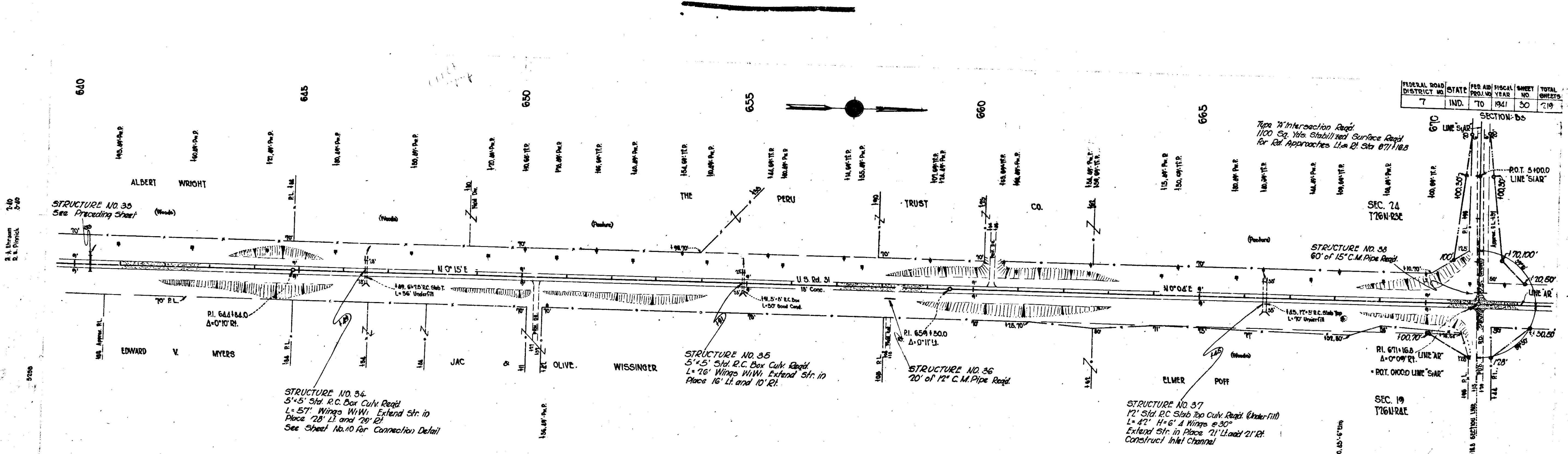
1-06
E.L. THOMAS
5-40

5500

580

119

FEDERAL ROAD DISTRICT NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	IND.	70	1941	30	719

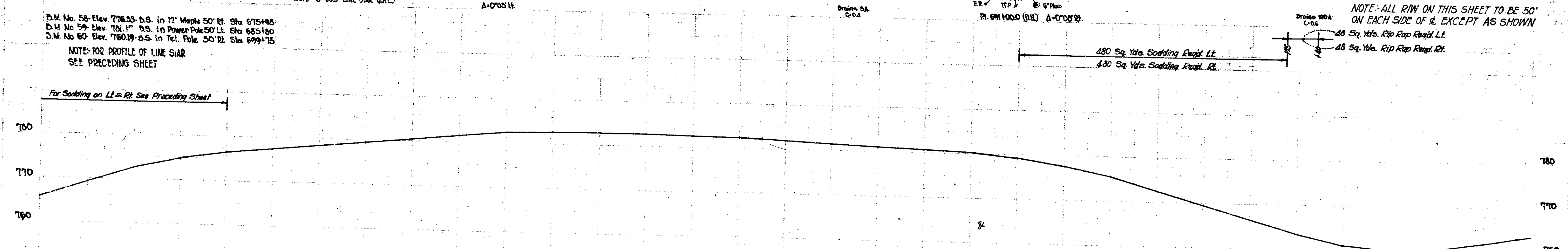
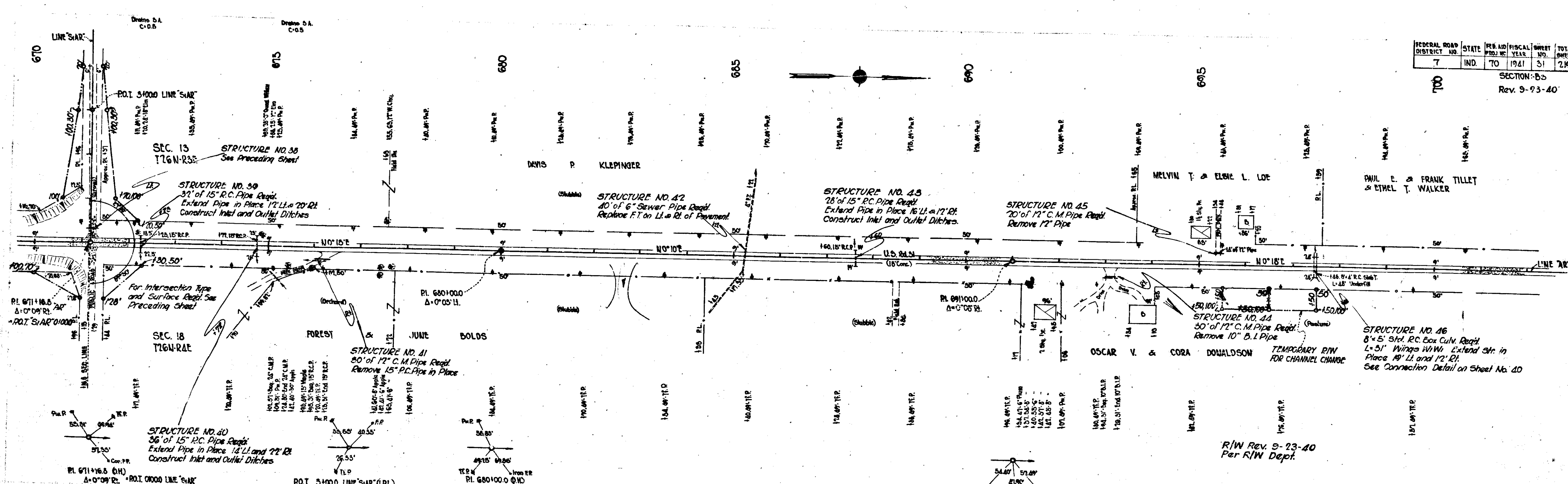


Cut 7495 Cu. Yds.
Fill 1204 7136
Natch 307

6	754.80
7	754.45
8	754.10
9	753.75
10	753.40
11	753.05
12	752.70
13	752.35
14	752.00
15	751.65
16	751.30
17	750.95
18	750.60
19	750.25
20	749.90
21	749.55
22	749.20
23	748.85
24	748.50
25	748.15
26	747.80
27	747.45
28	747.10
29	746.75
30	746.40
31	746.05
32	745.70
33	745.35
34	745.00
35	744.65
36	744.30
37	743.95
38	743.60
39	743.25
40	742.90
41	742.55
42	742.20
43	741.85
44	741.50
45	741.15
46	740.80
47	740.45
48	740.10
49	739.75
50	739.40
51	739.05
52	738.70
53	738.35
54	738.00
55	737.65
56	737.30
57	736.95
58	736.60
59	736.25
60	735.90
61	735.55
62	735.20
63	734.85
64	734.50
65	734.15
66	733.80
67	733.45
68	733.10
69	732.75
70	732.40
71	732.05
72	731.70
73	731.35

FEDERAL DISTRICT NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	IND.	TO	1941	31	219

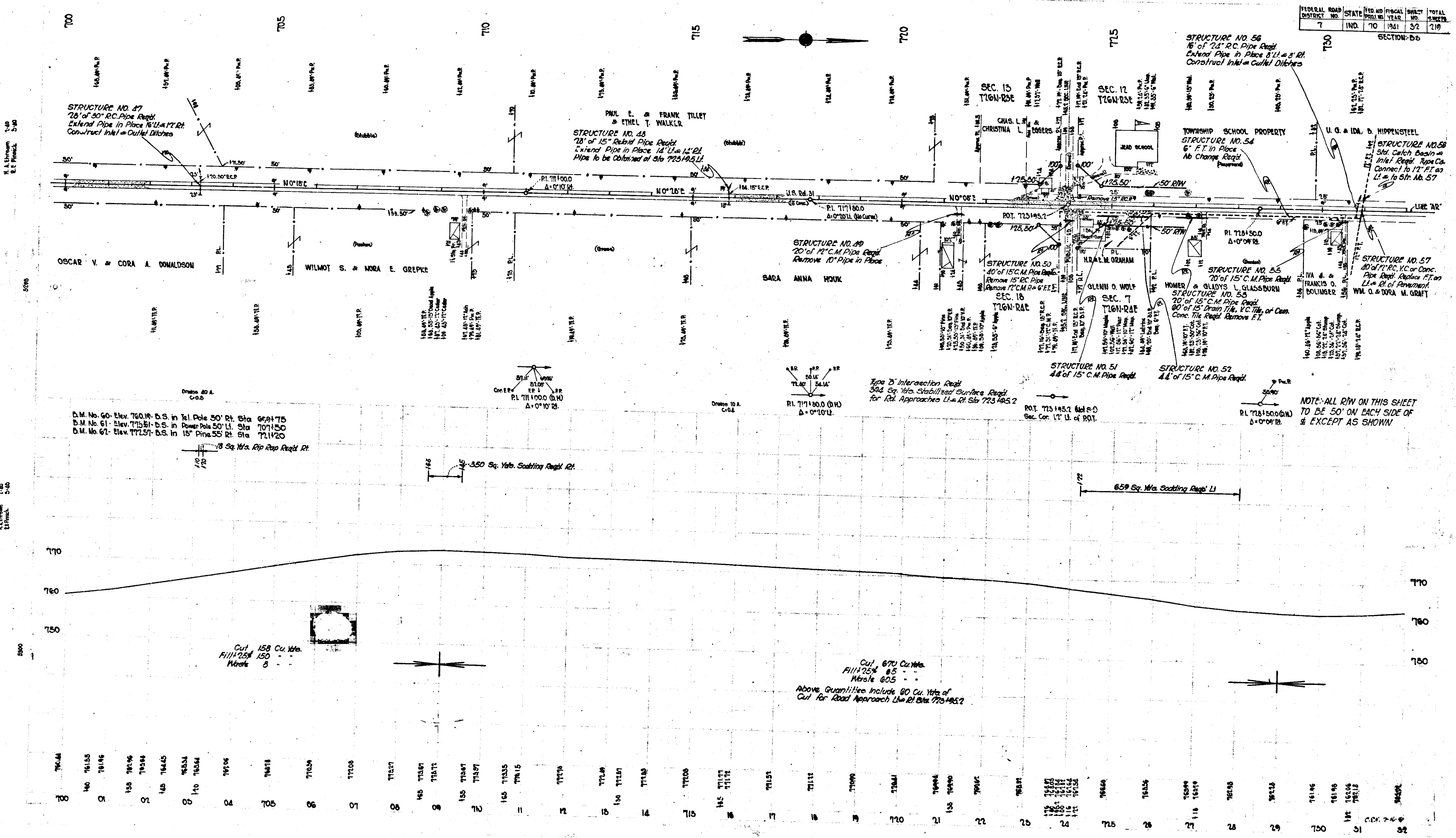
SECTION-B-5
Rev. 9-23-40



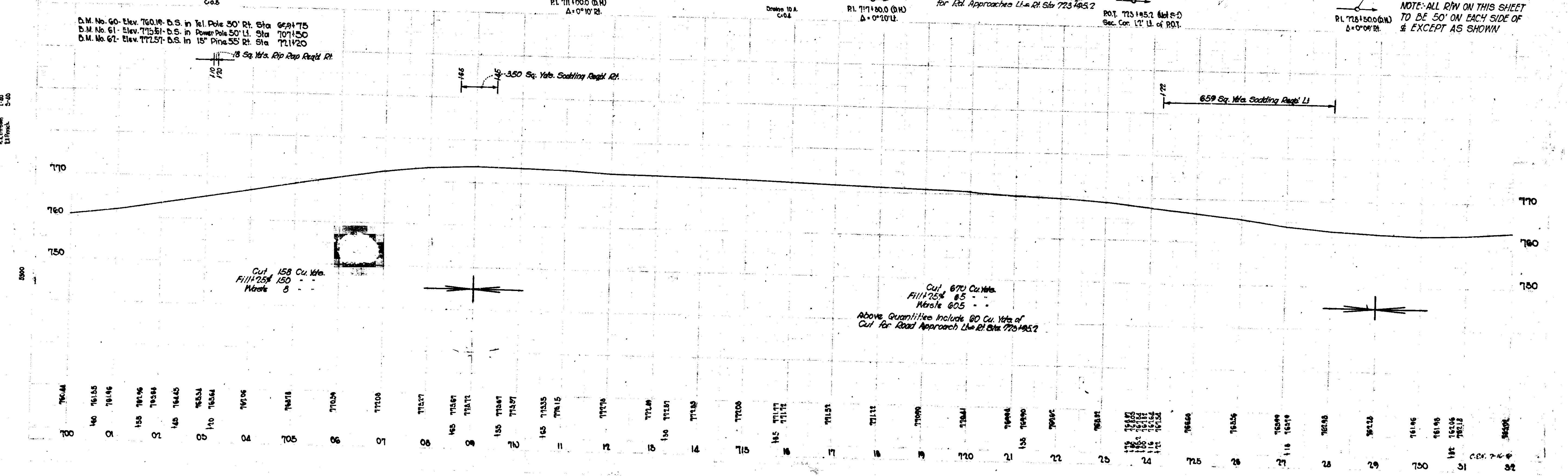
763.2	763.1	763.0	762.9	762.8	762.7	762.6	762.5	762.4	762.3	762.2	762.1	762.0	761.9	761.8	761.7	761.6	761.5	761.4	761.3	761.2	761.1	761.0	760.9	760.8	760.7	760.6	760.5	760.4	760.3	760.2	760.1	760.0	759.9	759.8	759.7	759.6	759.5	759.4	759.3	759.2	759.1	759.0	758.9	758.8	758.7	758.6	758.5	758.4	758.3	758.2	758.1	758.0	757.9	757.8	757.7	757.6	757.5	757.4	757.3	757.2	757.1	757.0	756.9	756.8	756.7	756.6	756.5	756.4	756.3	756.2	756.1	756.0	755.9	755.8	755.7	755.6	755.5	755.4	755.3	755.2	755.1	755.0	754.9	754.8	754.7	754.6	754.5	754.4	754.3	754.2	754.1	754.0	753.9	753.8	753.7	753.6	753.5	753.4	753.3	753.2	753.1	753.0	752.9	752.8	752.7	752.6	752.5	752.4	752.3	752.2	752.1	752.0	751.9	751.8	751.7	751.6	751.5	751.4	751.3	751.2	751.1	751.0	750.9	750.8	750.7	750.6	750.5	750.4	750.3	750.2	750.1	750.0	749.9	749.8	749.7	749.6	749.5	749.4	749.3	749.2	749.1	749.0	748.9	748.8	748.7	748.6	748.5	748.4	748.3	748.2	748.1	748.0	747.9	747.8	747.7	747.6	747.5	747.4	747.3	747.2	747.1	747.0	746.9	746.8	746.7	746.6	746.5	746.4	746.3	746.2	746.1	746.0	745.9	745.8	745.7	745.6	745.5	745.4	745.3	745.2	745.1	745.0	744.9	744.8	744.7	744.6	744.5	744.4	744.3	744.2	744.1	744.0	743.9	743.8	743.7	743.6	743.5	743.4	743.3	743.2	743.1	743.0	742.9	742.8	742.7	742.6	742.5	742.4	742.3	742.2	742.1	742.0	741.9	741.8	741.7	741.6	741.5	741.4	741.3	741.2	741.1	741.0	740.9	740.8	740.7	740.6	740.5	740.4	740.3	740.2	740.1	740.0	739.9	739.8	739.7	739.6	739.5	739.4	739.3	739.2	739.1	739.0	738.9	738.8	738.7	738.6	738.5	738.4	738.3	738.2	738.1	738.0	737.9	737.8	737.7	737.6	737.5	737.4	737.3	737.2	737.1	737.0	736.9	736.8	736.7	736.6	736.5	736.4	736.3	736.2	736.1	736.0	735.9	735.8	735.7	735.6	735.5	735.4	735.3	735.2	735.1	735.0	734.9	734.8	734.7	734.6	734.5	734.4	734.3	734.2	734.1	734.0	733.9	733.8	733.7	733.6	733.5	733.4	733.3	733.2	733.1	733.0	732.9	732.8	732.7	732.6	732.5	732.4	732.3	732.2	732.1	732.0	731.9	731.8	731.7	731.6	731.5	731.4	731.3	731.2	731.1	731.0	730.9	730.8	730.7	730.6	730.5	730.4	730.3	730.2	730.1	730.0	729.9	729.8	729.7	729.6	729.5	729.4	729.3	729.2	729.1	729.0	728.9	728.8	728.7	728.6	728.5	728.4	728.3	728.2	728.1	728.0	727.9	727.8	727.7	727.6	727.5	727.4	727.3	727.2	727.1	727.0	726.9	726.8	726.7	726.6	726.5	726.4	726.3	726.2	726.1	726.0	725.9	725.8	725.7	725.6	725.5	725.4	725.3	725.2	725.1	725.0	724.9	724.8	724.7	724.6	724.5	724.4	724.3	724.2	724.1	724.0	723.9	723.8	723.7	723.6	723.5	723.4	723.3	723.2	723.1	723.0	722.9	722.8	722.7	722.6	722.5	722.4	722.3	722.2	722.1	722.0	721.9	721.8	721.7	721.6	721.5	721.4	721.3	721.2	721.1	721.0	720.9	720.8	720.7	720.6	720.5	720.4	720.3	720.2	720.1	720.0	719.9	719.8	719.7	719.6	719.5	719.4	719.3	719.2	719.1	719.0	718.9	718.8	718.7	718.6	718.5	718.4	718.3	718.2	718.1	718.0	717.9	717.8	717.7	717.6	717.5	717.4	717.3	717.2	717.1	717.0	716.9	716.8	716.7	716.6	716.5	716.4	716.3	716.2	716.1	716.0	715.9	715.8	715.7	715.6	715.5	715.4	715.3	715.2	715.1	715.0	714.9	714.8	714.7	714.6	714.5	714.4	714.3	714.2	714.1	714.0	713.9	713.8	713.7	713.6	713.5	713.4	713.3	713.2	713.1	713.0	712.9	712.8	712.7	712.6	712.5	712.4	712.3	712.2	712.1	712.0	711.9	711.8	711.7	711.6	711.5	711.4	711.3	711.2	711.1	711.0	710.9	710.8	710.7	710.6	710.5	710.4	710.3	710.2	710.1	710.0	709.9	709.8	709.7	709.6	709.5	709.4	709.3	709.2	709.1	709.0	708.9	708.8	708.7	708.6	708.5	708.4	708.3	708.2	708.1	708.0	707.9	707.8	707.7	707.6	707.5	707.4	707.3	707.2	707.1	707.0	706.9	706.8	706.7	706.6	706.5	706.4	706.3	706.2	706.1	706.0	705.9	705.8	705.7	705.6	705.5	705.4	705.3	705.2	705.1	705.0	704.9	704.8	704.7	704.6	704.5	704.4	704.3	704.2	704.1	704.0	703.9	703.8	703.7	703.6	703.5	703.4	703.3	703.2	703.1	703.0	702.9	702.8	702.7	702.6	702.5	702.4	702.3	702.2	702.1	702.0	701.9	701.8	701.7	701.6	701.5	701.4	701.3	701.2	701.1	701.0	700.9	700.8	700.7	700.6	700.5	700.4	700.3	700.2	700.1	700.0	699.9	699.8	699.7	699.6	699.5	699.4	699.3	699.2	699.1	699.0	698.9	698.8	698.7	698.6	698.5	698.4	698.3	698.2	698.1	698.0	697.9	697.8	697.7	697.6	697.5	697.4	697.3	697.2	697.1	697.0	696.9	696.8	696.7	696.6	696.5	696.4	696.3	696.2	696.1	696.0	695.9	695.8	695.7	695.6	695.5	695.4	695.3	695.2	695.1	695.0	694.9	694.8	694.7	694.6	694.5	694.4	694.3	694.2	694.1	694.0	693.9	693.8	693.7	693.6	693.5	693.4	693.3	693.2	693.1	693.0	692.9	692.8	692.7	692.6	692.5	692.4	692.3	692.2	692.1	692.0	691.9	691.8	691.7	691.6	691.5	691.4	691.3	691.2	691.1	691.0	690.9	690.8	690.7	690.6	690.5	690.4	690.3	690.2	690.1	690.0	689.9	689.8	689.7	689.6	689.5	689.4	689.3	689.2	689.1	689.0	688.9	688.8	688.7	688.6	688.5	688.4	688.3	688.2	688.1	688.0	687.9	687.8	687.7	687.6	687.5	687.4	687.3	687.2	687.1	687.0	686.9	686.8	686.7	686.6	686.5	686.4	686.3	686.2	686.1	686.0	685.9	685.8	685.7	685.6	685.5	685.4	685.3	685.2	685.1	685.0	684.9	684.8	684.7	684.6	684.5	684.4	684.3	684.2	684.1	684.0	683.9	683.8	683.7	683.6	683.5	683.4	683.3	683.2	683.1	683.0	682.9	682.8	682.7	682.6	682.5	682.4	682.3	682.2	682.1	682.0	681.9	681.8	681.7	681.6	681.5	681.4	681.3	681.2	681.1	681.0	680.9	680.8	680.7	680.6	680.5	680.4	680.3	680.2	680.1	680.0	679.9	679.8	679.7	679.6	679.5	679.4	679.3	679.2	679.1	679.0	678.9	678.8	678.7	678.6	678.5	678.4	678.3	678.2	678.1	678.0	677.9	677.8	677.7	677.6	677.5	677.4	677.3	677.2	677.1	677.0	676.9	676.8	676.7	676.6	676.5	676.4	676.3	676.2	676.1	676.0	675.9	675.8	675.7	675.6	675.5	675.4	675.3	675.2	675.1	675.0	674.9	674.8	674.7	674.6	674.5	674.4	674.3	674.2	674.1	674.0	673.9	673.8	673.7	673.6	673.5	673.4	673.3	673.2	673.1	673.0	672.9	672.8	672.7	672.6	672.5	672.4	672.3	672.2	672.1	672.0	671.9	671.8	671.7	671.6	671.5	671.4	671.3	671.2	671.1	671.0	670.9	670.8	670.7	670.6	670.5	670.4	670.3	670.2	670.1	670.0	669.9	669.8	669.7	669.6	669.5	669.4	669.3	669.2	669.1	669.0	668.9	668.8	668.7	668.6	668.5	668.4	668.3	668.2	668.1	668.0	667.9	667.8	667.7	667.6	667.5	667.4	667.3	667.2	667.1	667.0	666.9	666.8	666.7	666.6	666.5	666.4	666.3	666.2	666.1	666.0	665.9	665.8	665.7	665.6	665.5	665.4	665.3	665.2	665.1	665.0	664.9	664.8	664.7	664.6	664.5	664.4	664.3	664.2	664.1	664.0	663.9	663.8	663.7	663.6	663.5	663.4	663.3	663.2	663.1	663.0	662.9	662.8	662.7	662.6	662.5	662.4	662.3	662.2	662.1	662.0	661.9	661.8	661.7	661.6	661.5	661.4	661.3	661.2	661.1	661.0	660.9	660.8	660.7	660.6	660.5	660.4	660.3	660.2	660.1	660.0	659.9
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FEDERAL ROAD DISTRICT NO.	STATE	FED. AID FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	IND.	70	32	219

SECTION-55



NOTE: ALL R/W ON THIS SHEET TO BE 50' ON EACH SIDE OF & EXCEPT AS SHOWN



Cut 870 Cu. Yds.
Fill 258 Cu. Yds.
Above Quantities include 60 Cu. Yds. of
Cut for Road Approach at Sta. 775+45.2

Cut 158 Cu. Yds.
Fill 125 Cu. Yds.
Work 8

350 Sq. Yds. Sodding Right Rt.

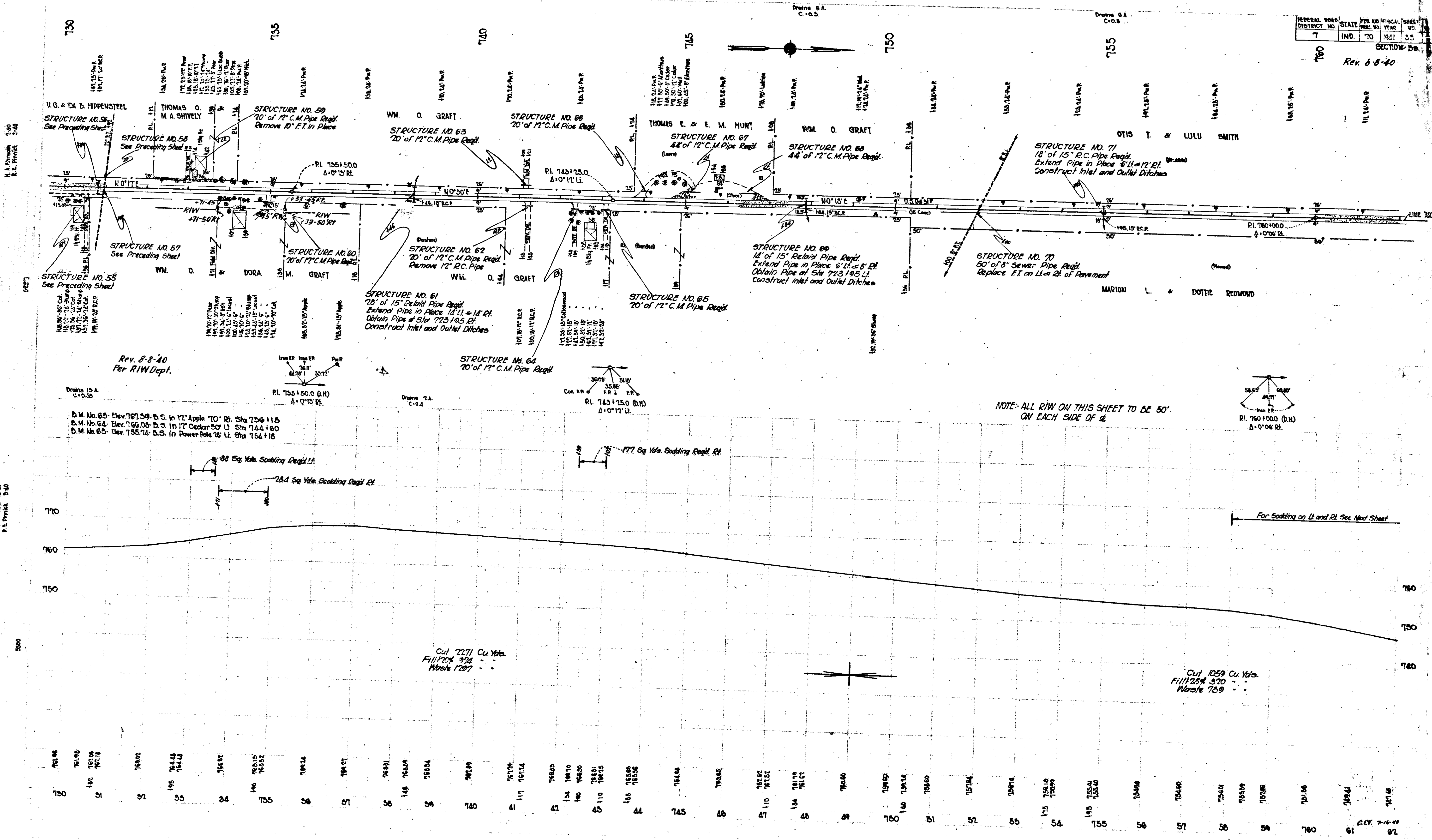
659 Sq. Yds. Sodding Right Lt.

N. A. Shuman 7-40
E. C. Primm 5-40

5295

N. A. Shuman 7-40
E. C. Primm 5-40

5000



N.A. Drawn 2-40
R.E. Powell 5-40

5277

N.A. Drawn 2-40
R.E. Powell 5-40

5900

D.C.V. 7-16-40

SECTION 66
REV. 5-15-41
Per. Constr. Dept.

PLAN

DATE	APR 1941
BY	A. L. DUNN
CHECKED BY	A. L. DUNN
APPROVED BY	A. L. DUNN
SCALE	AS SHOWN

PROFILE

DATE	APR 1941
BY	A. L. DUNN
CHECKED BY	A. L. DUNN
APPROVED BY	A. L. DUNN
SCALE	AS SHOWN

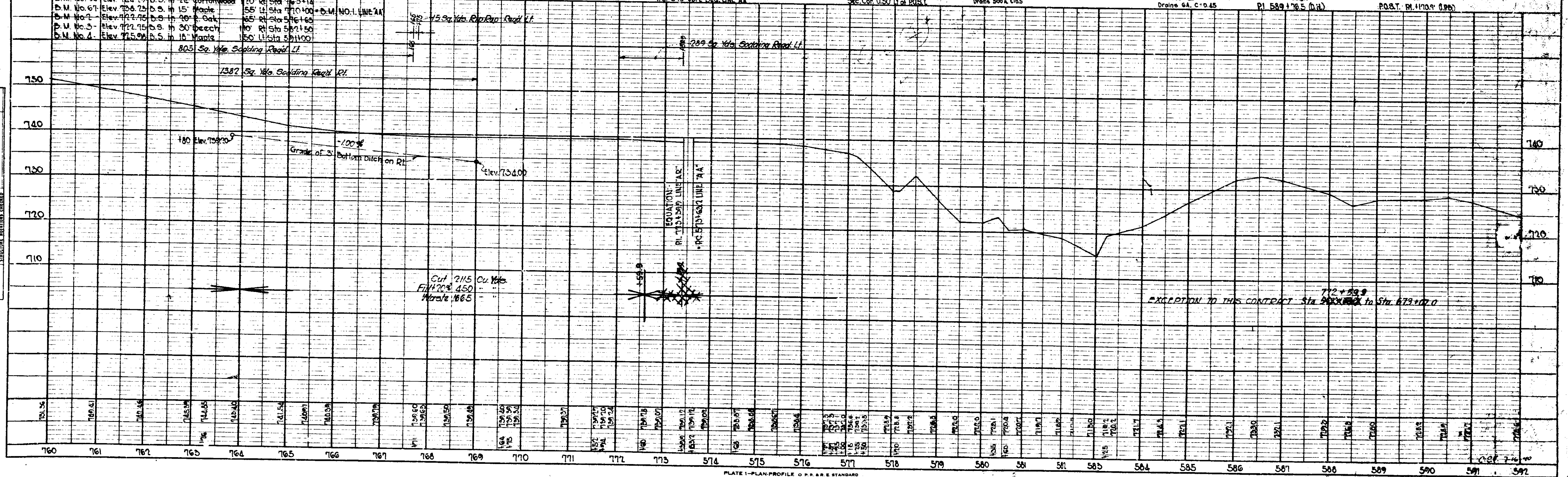
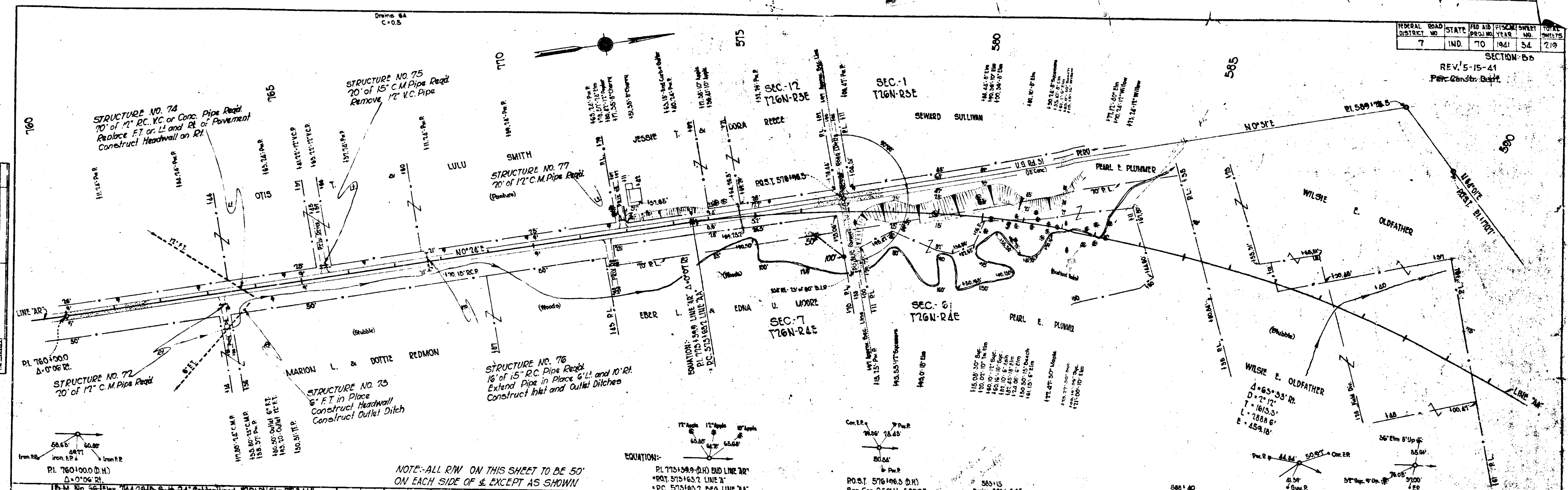


PLATE 1-PLAN-PROFILE O. R. & E. STANDARD
THE FREDERICK POST CO. CHICAGO

PLAN
 DRAWN BY: A. E. WILSON
 CHECKED BY: R. E. THORNTON
 DATE: 7-16-40

PROFILE
 DRAWN BY: A. E. WILSON
 CHECKED BY: R. E. THORNTON
 DATE: 7-16-40

FEDERAL ROAD DISTRICT	STATE	PROJECT NO.	SECTION	TOTAL SHEETS
7	IND.	70	1941 55	219

SECTION: B-5
 REV. 5-15-41
 Per Constr. Dept.

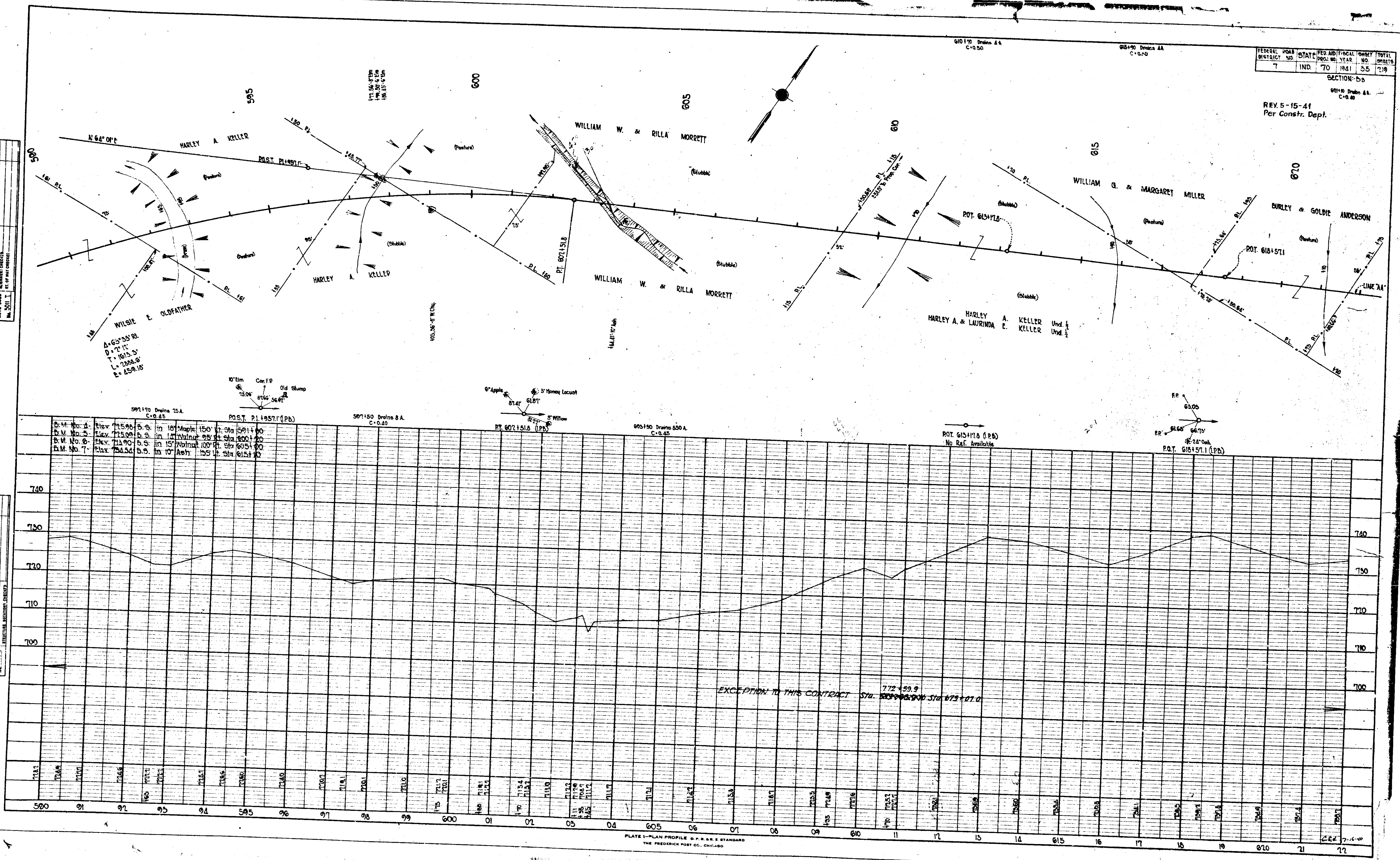


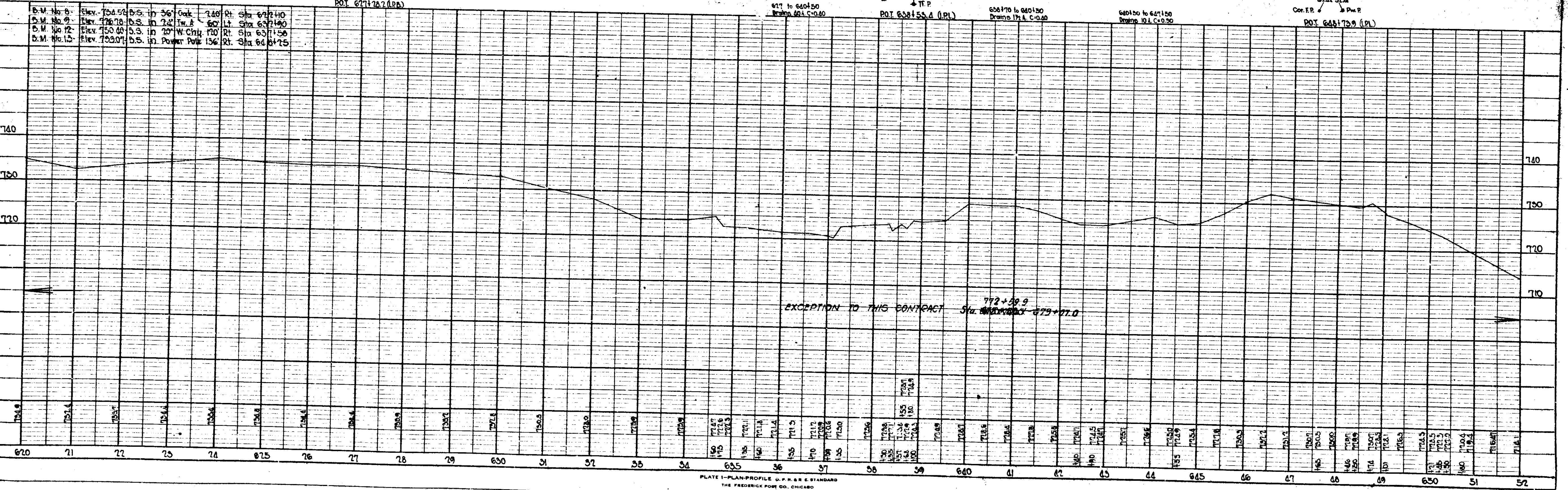
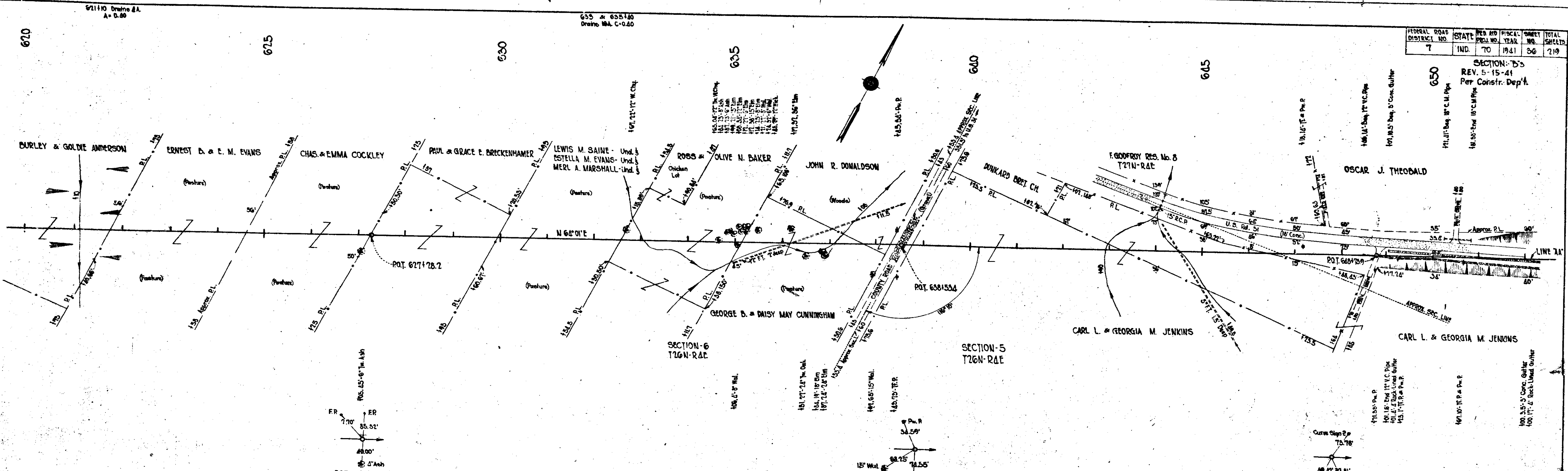
PLATE 1 - PLAN PROFILE OF R.R. & STANDARD
 THE FREDERICK POST CO., CHICAGO

FISCAL YEAR	IND.	TOTAL SHEETS
1941	36	719

SECTION: 55
REV. 5-15-41
Per Constr. Dept.

650
PL. J. H. B. & C. M. P. H.
18.30'-18.30' Conc. gutter
18.30'-18.30' Conc. gutter

650
PL. J. H. B. & C. M. P. H.
18.30'-18.30' Conc. gutter
18.30'-18.30' Conc. gutter



PLAN	DATE	BY	CHECKED
5/15/41	5/15/41	J. H. B.	C. M. P.

DATE	BY	CHECKED
5/15/41	J. H. B.	C. M. P.

PLATE 1-PLAN-PROFILE D. P. H. & S. STANDARD
THE FREDERICK POPE CO. CHICAGO

PLAN	DATE	BY
REVISED		
DATE		
BY		

FILE	DATE	BY
REVISED		
DATE		
BY		

FEDERAL ROAD DISTRICT NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	IND.	70	37	219

SECTION: B3
REV. 5-15-41
Per Constr. Dept.

END OF SECTION B3
F.A. PROJ. NO. 70 STA 673+07.0

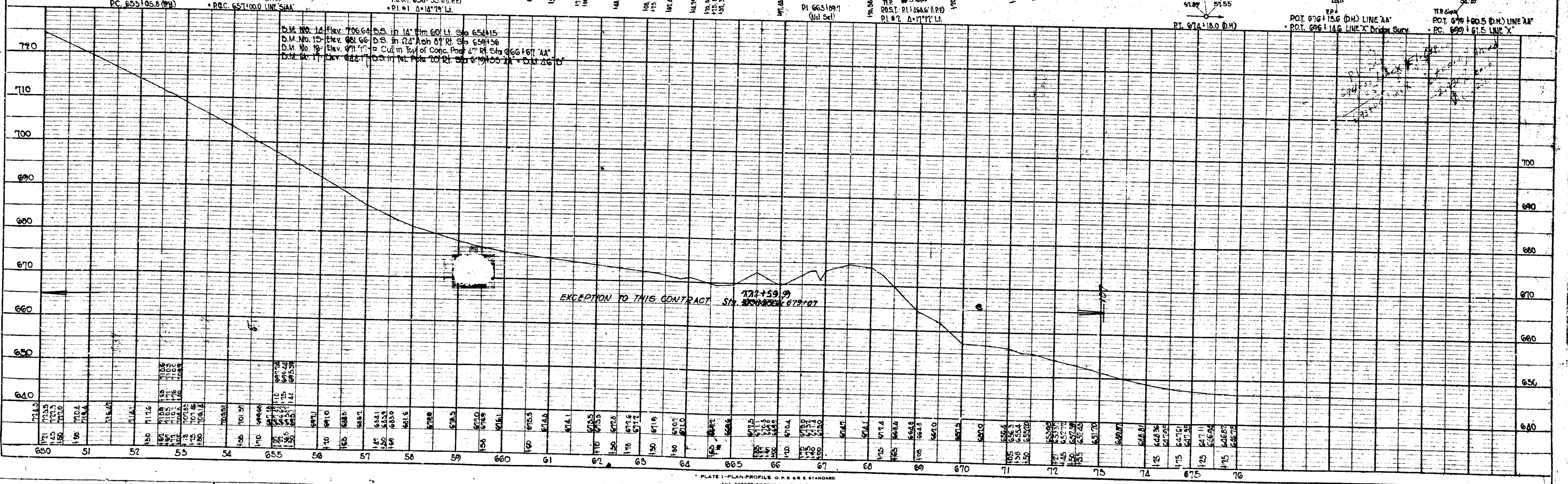
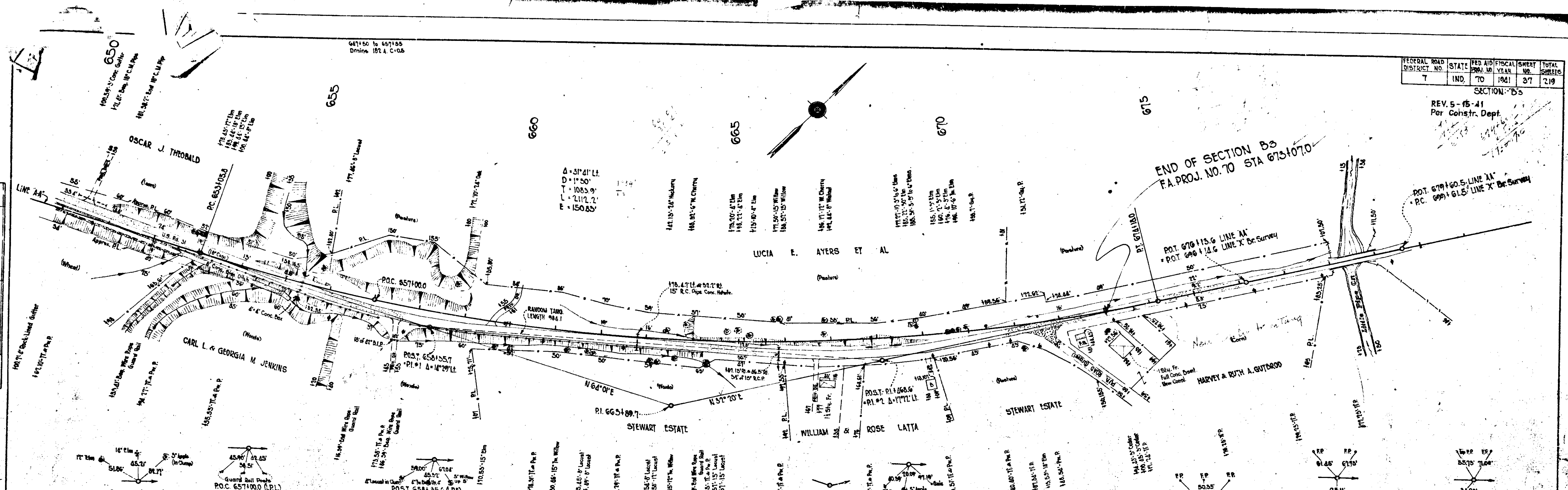


PLATE 1-PLAN-PROFILE OF ROAD STANDARD
THE FREDERICK ROY CO. CHICAGO

S.P.P.

FEDERAL ROAD DISTRICT NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	IND.	18 1941	38	219

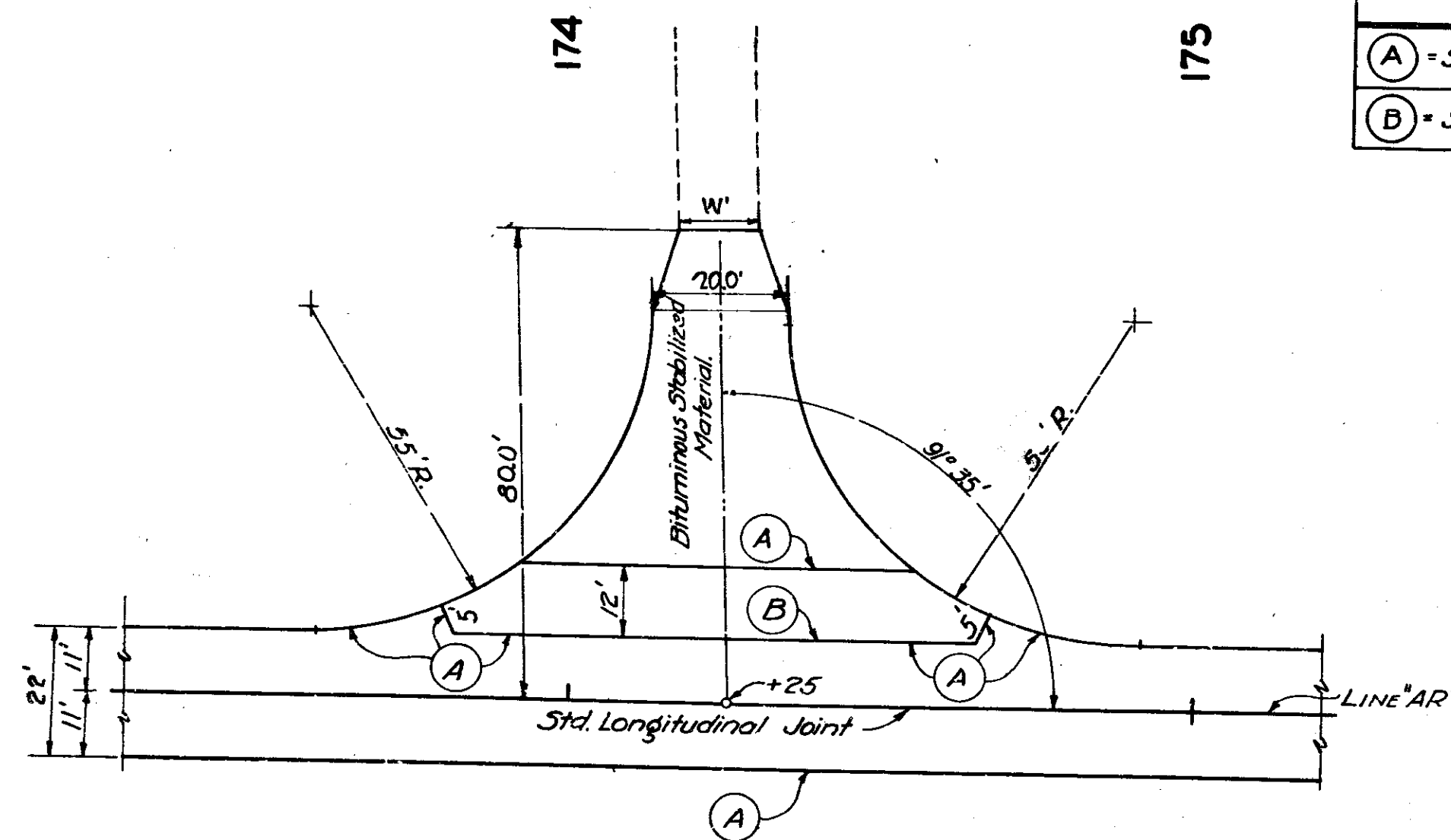
SECTION - B2.

LEGEND

(A)	Std. Thickened Edge.
(B)	Std. Construction Joint

PRIVATE DRIVES & FIELD ENTRANCES.

TYPE	STATION	CUT. CU.YD.	FILL. CU.YD.	CONST. LIMIT.	SURFACE Sq.Yd.
IV	10+38 L.	0	0	40'	159
IV	11+94 L.	0	0	40'	159
V	25+30 L.	0	0	40'	0
V	26+10 R.	0	0	40'	0
V	33+80 L.	0	0	40'	86
IV	36+35 R.	0	0	40'	100
IV	38+20 R.	0	10	40'	100
V	40+10 L.	0	0	35'	0
II	57+65 L.	5	0	30'	34
II	68+82 L.	0	5	35'	40
II	71+08 L.	0	10	40'	161
II	73+32 L.	0	0	40'	161
II	74+00 R.	0	5	35'	40
II	75+25 L.	0	0	35'	40
II/IV	76+18 R.	0	10	40'	402.161
V	76+10 L.	0	5	35'	0
IV	77+65 R.	0	10	40'	161
IV	80+90 R.	0	5	35'	115
II	85+65 L.	0	5	35'	115
II	86+00 R.	0	5	35'	40
II	89+80 R.	0	5	35'	40
II	90+45 L.	5	5	35'	40
II	94+80 R.	0	5	35'	40
V	105+90 R.	0	5	35'	0
II	106+35 R.	0	5	35'	40
IV	110+30 R.	0	10	40'	161
IV	111+45 R.	0	10	40'	161
V	115+65 R.	0	5	35'	0
II	116+50 L.	5	0	30'	34
V	118+55 R.	0	10	35'	0
II	120+25 R.	0	5	30'	34
V	132+10 R.	0	0	30'	0
II	131+55 L.	0	5	30'	34
V	141+75 R.	0	0	30'	0
II	157+35 L.	0	5	35'	40
II	171+20 R.	0	5	31'	34
II	176+25 R.	0	0	30'	34
II	177+15 L.	0	0	33'	37
II	187+55 R.	5	0	55'	62
II	187+30 L.	5	0	53'	38
IV	188+15 R.	0	10	40'	155
IV	190+00 R.	0	0	40'	155

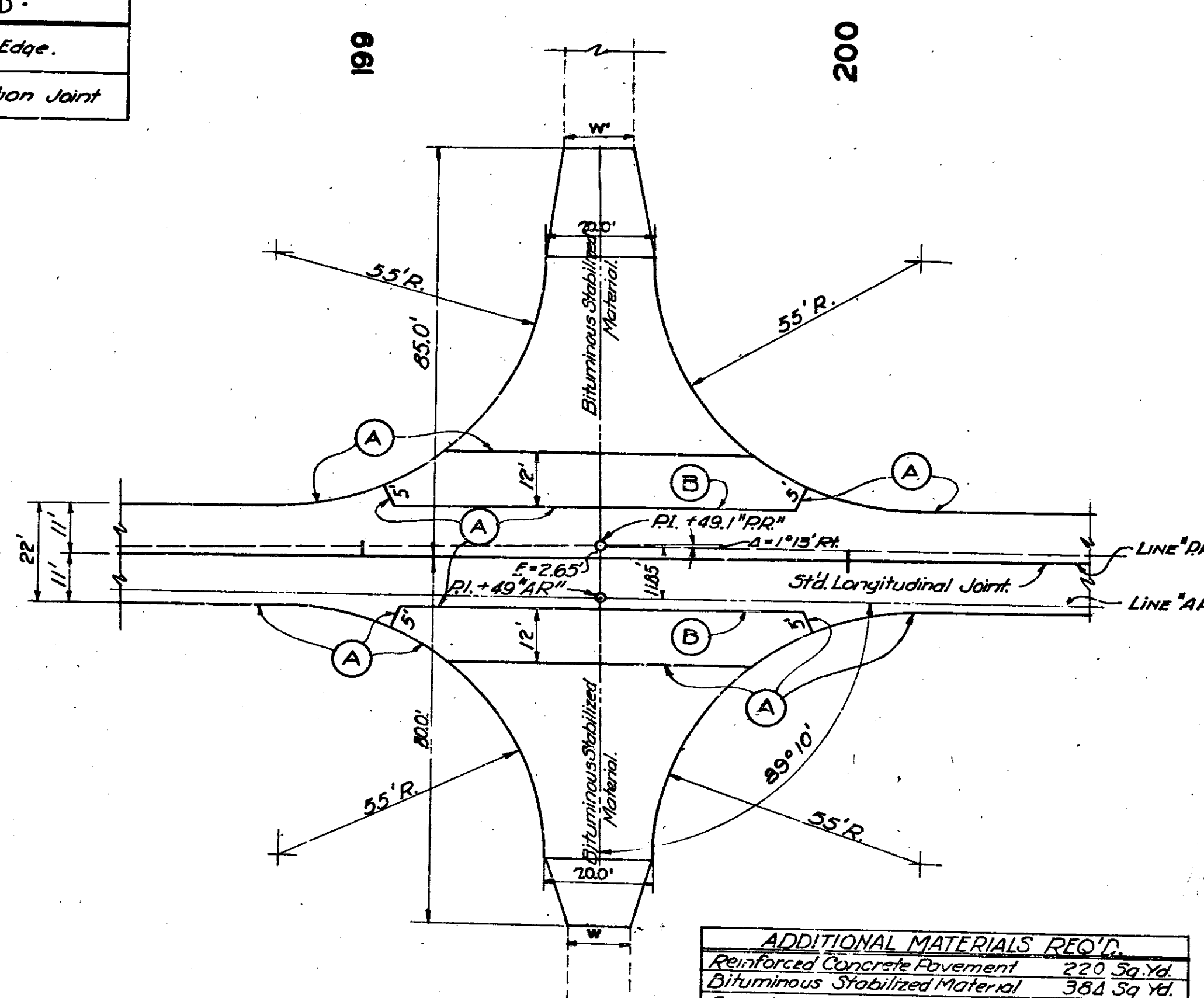


INTERSECTION - STA. 174+25 Lt.
SCALE 1" = 20'

ADDITIONAL MATERIALS REQ'D.

Reinforced Concrete Pavement	110 Sq.Yd.
Bituminous Stabilized Material	199 Sq.Yd.
Type As, D1, D1, or D3 Expansion Joint	17 Lin. Ft.
Type As, D1, or D2 Construction Joint	12 Lin. Ft.

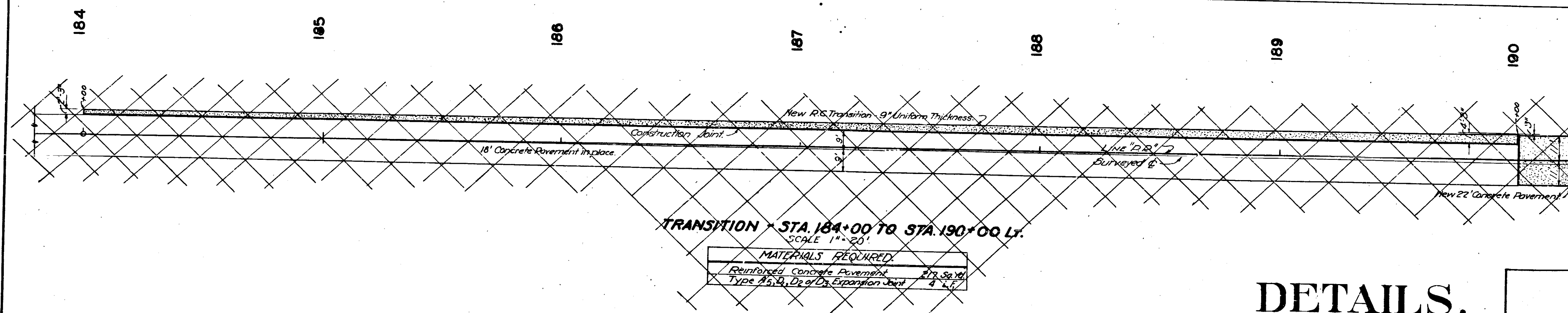
This Detail Typical for Intersection - Sta 177+55 Rt.



INTERSECTION - STA. 199+49.
SCALE 1" = 20'

ADDITIONAL MATERIALS REQ'D.

Reinforced Concrete Pavement	220 Sq.Yd.
Bituminous Stabilized Material	364 Sq.Yd.
Type As, D1, D2 or D3 Expansion Joint	24 Lin. Ft.
Type As, D1 or D2 Construction Joint	24 Lin. Ft.



TRANSITION - STA. 184+00 TO STA. 190+00 Lt.
SCALE 1" = 20'

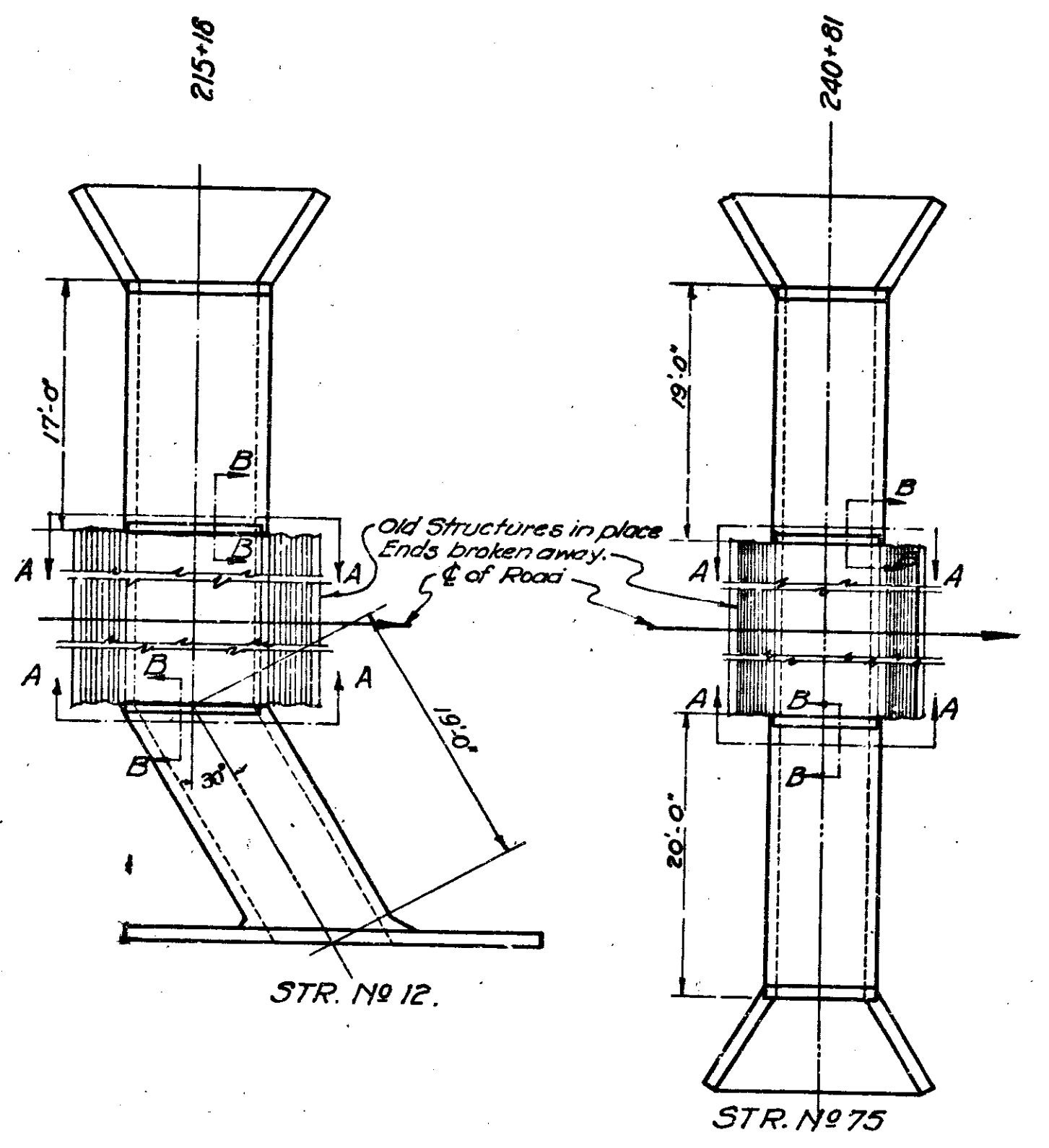
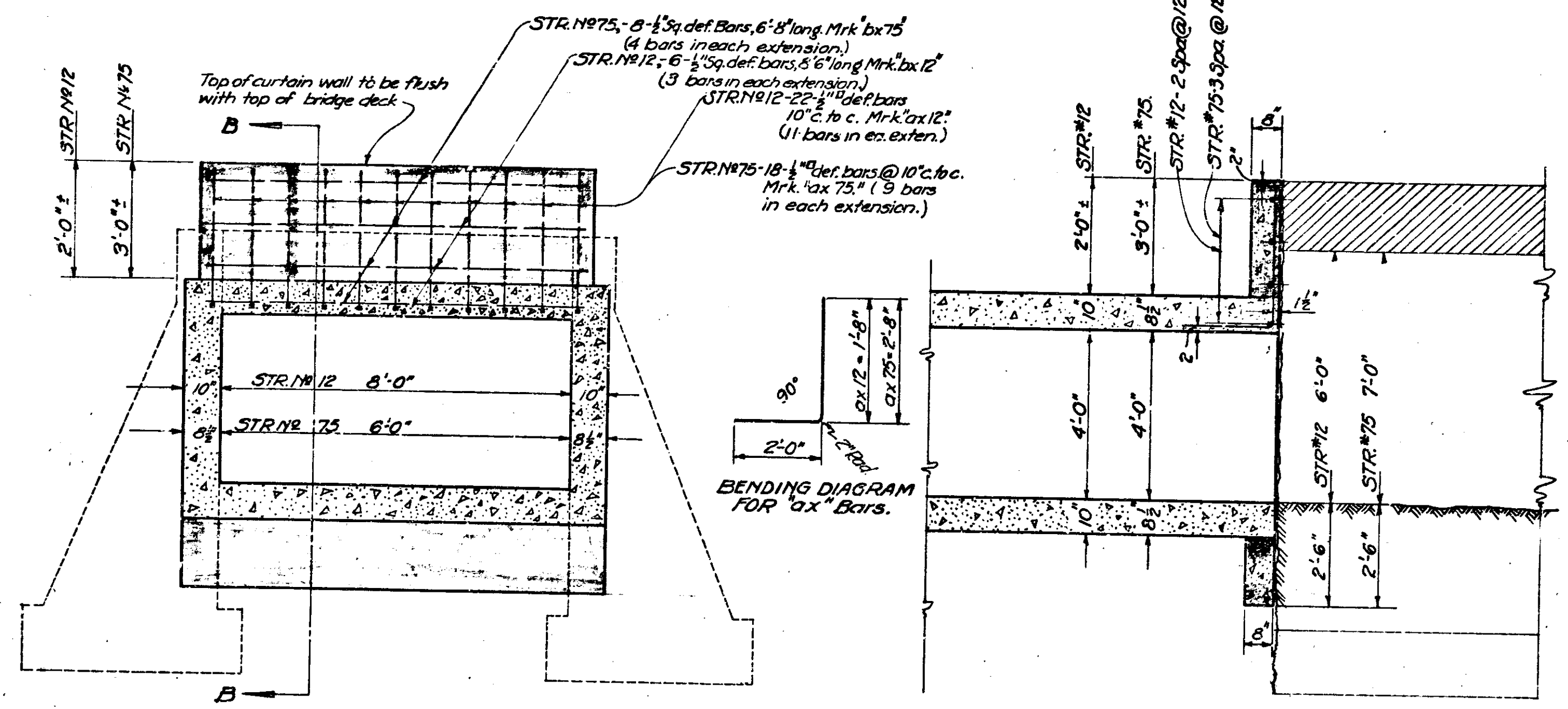
MATERIALS REQUIRED.

Reinforced Concrete Pavement	279 Sq.Yd.
Type As, D1, D2 or D3 Expansion Joint	4 Lin. Ft.

DETAILS.

SECTION A-2
 PRIVATE DRIVES & FIELD ENTRANCES.

TYPE	STATION	CUT Cu. Yd.	FILL Cu. Yd.	CONST'N. LIMIT	SURFACE Sq. Yd.
II	209+10 RT.	0	5	30	52
II	213+20 LT.	0	5	40	25
II	213+20 LT.	0	5	30	32
II	213+20 LT.	0	5	30	32
II	244+80 LT.	0	5	30	36
V	252+30 RT.	0	5	30	0
V	252+30 RT.	0	5	30	0
II	271+20 RT.	2	5	30	56
II	271+20 RT.	2	5	30	34
II	271+20 RT.	0	5	30	34
IV	271+20 LT.	No Change	5	30	34
II	293+40 LT.	0	4	45	51
II	303+72 RT.	0	4	40	45
II	333+94 RT.	0	5	30	56
V	348+85 LT.	0	5	45	0
V	348+85 LT.	0	5	40	0
II	348+85 LT.	0	5	40	45
V	348+85 LT.	0	5	30	0
V	348+85 LT.	0	5	30	0
II	368+92 LT.	0	5	30	32
IV	368+92 LT.	0	5	30	39
II	400+85 LT.	0	5	35	45
V	415+80 LT.	0	5	35	40
II	420+90 LT.	0	5	35	40
V	438+30 RT.	0	10	35	40
V	477+00 RT.	0	5	35	0
II	457+95 RT.	2	5	40	45
V	476+40 RT.	5	0	30	0
II	476+80 LT.	0	5	30	0
II	476+80 LT.	0	5	30	34
II	480+15 RT.	5	0	35	40
II	480+40 RT.	0	5	30	34
V	496+21 RT.	0	5	30	0
V	508+58 RT.	0	10	35	0
V	514+00 LT.	0	2	40	161
IV	514+80 LT.	0	3	40	161
II	522+70 LT.	0	10	40	45
II	542+10 RT.	0	5	30	0
II	550+58 LT.	5	5	40	161
IV	550+78 RT.	0	5	40	161
IV	551+54 RT.	0	5	40	161
IV	551+44 RT.	0	5	40	161
IV	555+10 RT.	0	5	40	161
IV	558+35 RT.	3	0	50	56
V	558+47 LT.	5	0	50	0
V	555+85 RT.	0	10	34	0

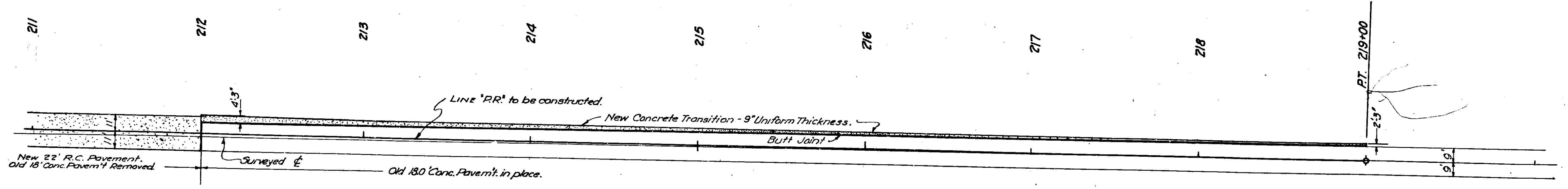


LAYOUT SHOWING EXTENSIONS TO OLD STRUCTURES IN PLACE AT STA. 215+18 AND STA. 240+81 SCALE 1/2" = 1'-0"

NOTE: ADDITIONAL CONCRETE AND REINFORCING STEEL IN ABOVE CURTAIN AND CUT-OFF WALLS TO BE PAID FOR AS CONCRETE FOR STRUCTURES, SPEC. CL. D' AND REINFORCING STEEL FOR STRUCTURES, RESPECTIVELY.

STR. NO.	SPEC. CL. D CONC.	REINF. STEEL
12	1.70	115
75	1.70	110

SECTION "A-A"
 SECTION "BB"
 DETAILS OF METHOD OF CONNECTING STD. R.C. BOX CULVERT EXTENSIONS TO OLD STRUCTURES IN PLACE AT STA. 215+18 AND STA. 240+81. Dimensions as shown; no scale.



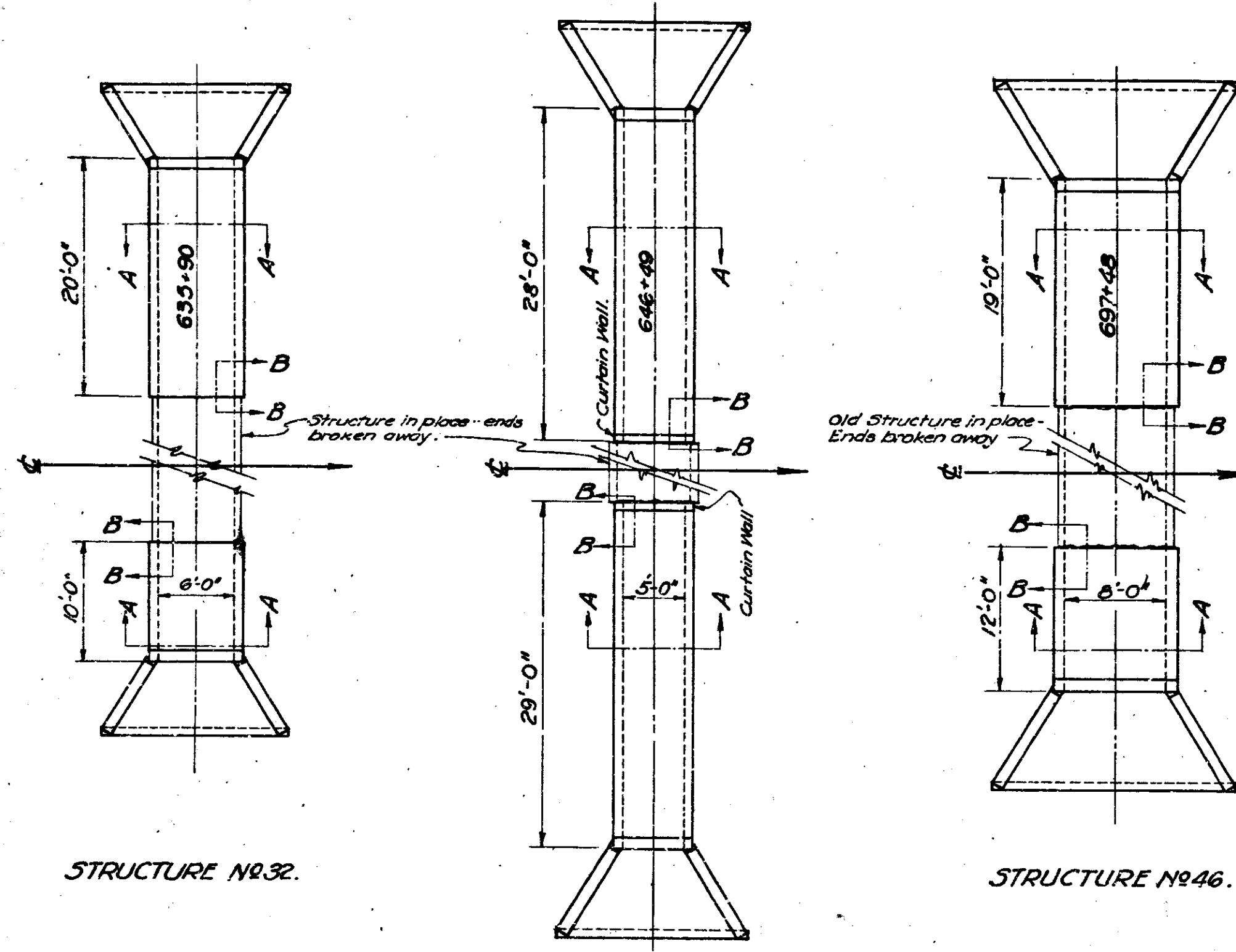
DETAILS

FEDERAL ROAD DISTRICT NO.	STATE	FISCAL YEAR	PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	IND.	70	1941	40	219

SECTION: B(3)

PRIVATE DRIVES & FIELD ENTRANCES

TYPE	STATION	CUT Cu. Yds.	FILL Cu. Yds.	CONST. LIMIT.	SURFACE Sq. Yds.
II	568+53 R	0	5	30'	34
II	578+77 R	0	5	30'	34
V	581+50 L	5	5	50'	0
II	595+00 R	205	0	107'	117
II	595+85 L	205	0	107'	117
II	610+60 R	20	60	25'	25
V	611+43 L	10	0	75'	0
II	611+65 R	0	0	30'	34
II	612+19 R	5	0	40'	50
IV	622+78 R	10	0	40'	161
II	623+72 R	5	0	40'	161
II	624+35 L	5	0	30'	34
II	631+37 R	40	0	30'	101
II	634+30 R	0	0	45'	51
II	640+00 R	10	0	75'	46
II	650+32 R	10	0	75'	46
V	658+13 R	40	0	81'	0
II	660+41 L	200	0	95'	104
II	676+20 R	5	0	25'	30
V	680+10 R	5	0	30'	0
II	693+20 R	5	0	30'	34
II	695+39 L	5	0	30'	34
II	709+55 R	15	0	66'	74
II	721+45 R	5	0	30'	34
IV	722+30 L	5	0	40'	161
II	723+07 L	15	0	40'	161
II	724+35 R	0	0	40'	161
II	725+65 R	0	0	40'	161
II	727+10 R	0	0	40'	45
II	730+50 R	0	0	25'	29
II	732+96 L	5	0	40'	45
II	734+95 R	0	0	45'	51
V	741+15 L	0	0	40'	0
II	741+19 R	5	0	45'	30
II	742+34 R	5	0	35'	60
II	743+10 R	5	0	45'	51
II	743+85 L	5	0	45'	51
IV	745+98 L	5	0	40'	161
IV	746+80 L	5	0	40'	161
II	767+25 R	0	0	30'	34
II	765+50 L	5	0	40'	45
II	771+52 R	5	0	30'	56
II	771+94 L	80	0	90'	96



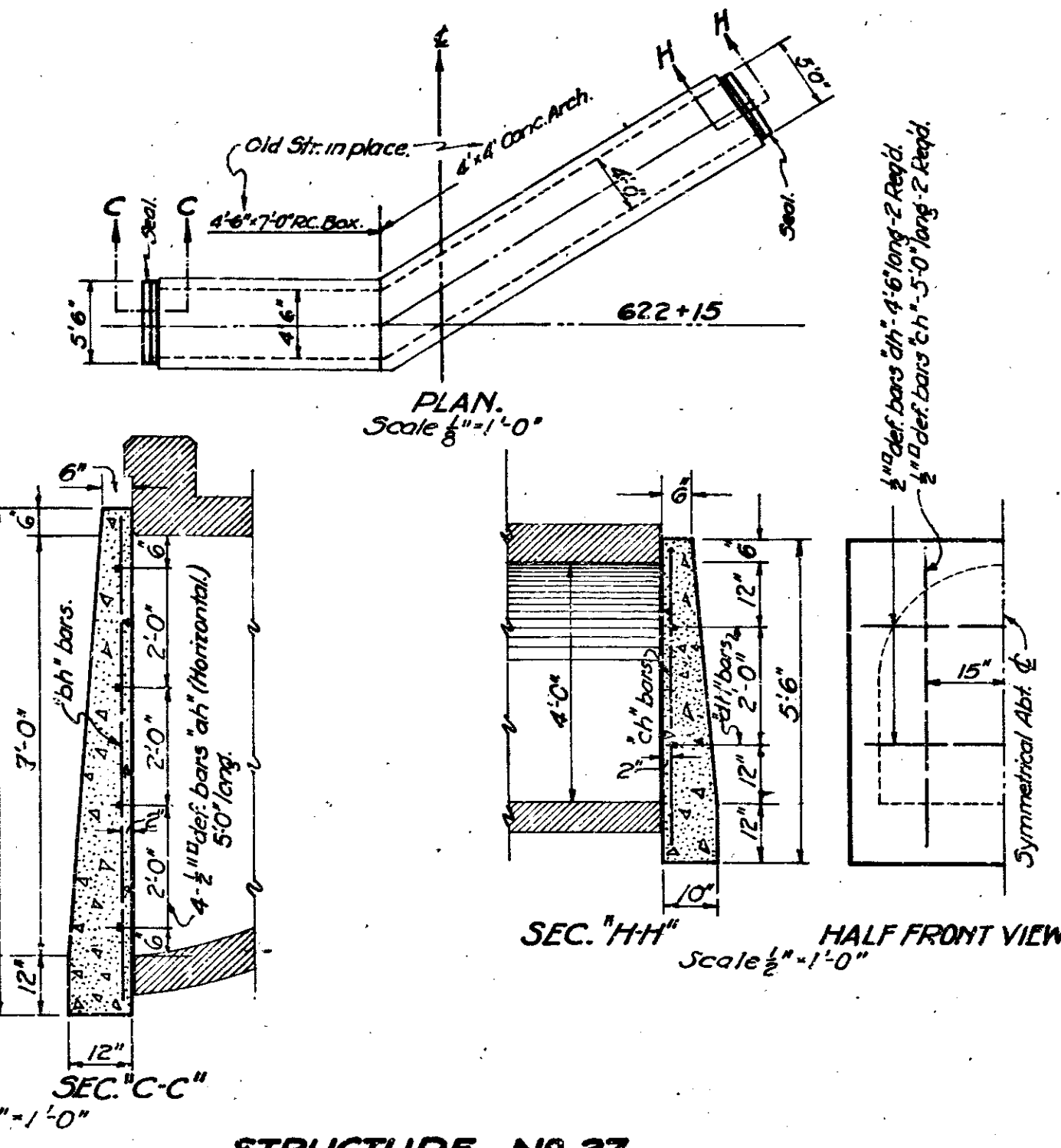
PLANS - SHOWING EXTENSIONS TO STRUCTURES IN PLACE. SCALE 1/8" = 1'-0"

STR. NO.	LOCATION	MARK	KIND	No. Req'd	Total Length
27	622+15	ah	1/2" def.	4 @ 5'	20'
		bh	"	2 @ 8'	16'
		ch	"	2 @ 5'	10'
32	635+00	-	None	2 @ 4.5'	9'
34	646+49	ap	1/2" def.	20 @ 4.6'	93.2'
		bp	"	6 @ 6'	36'
46	697+48	-	None	-	-

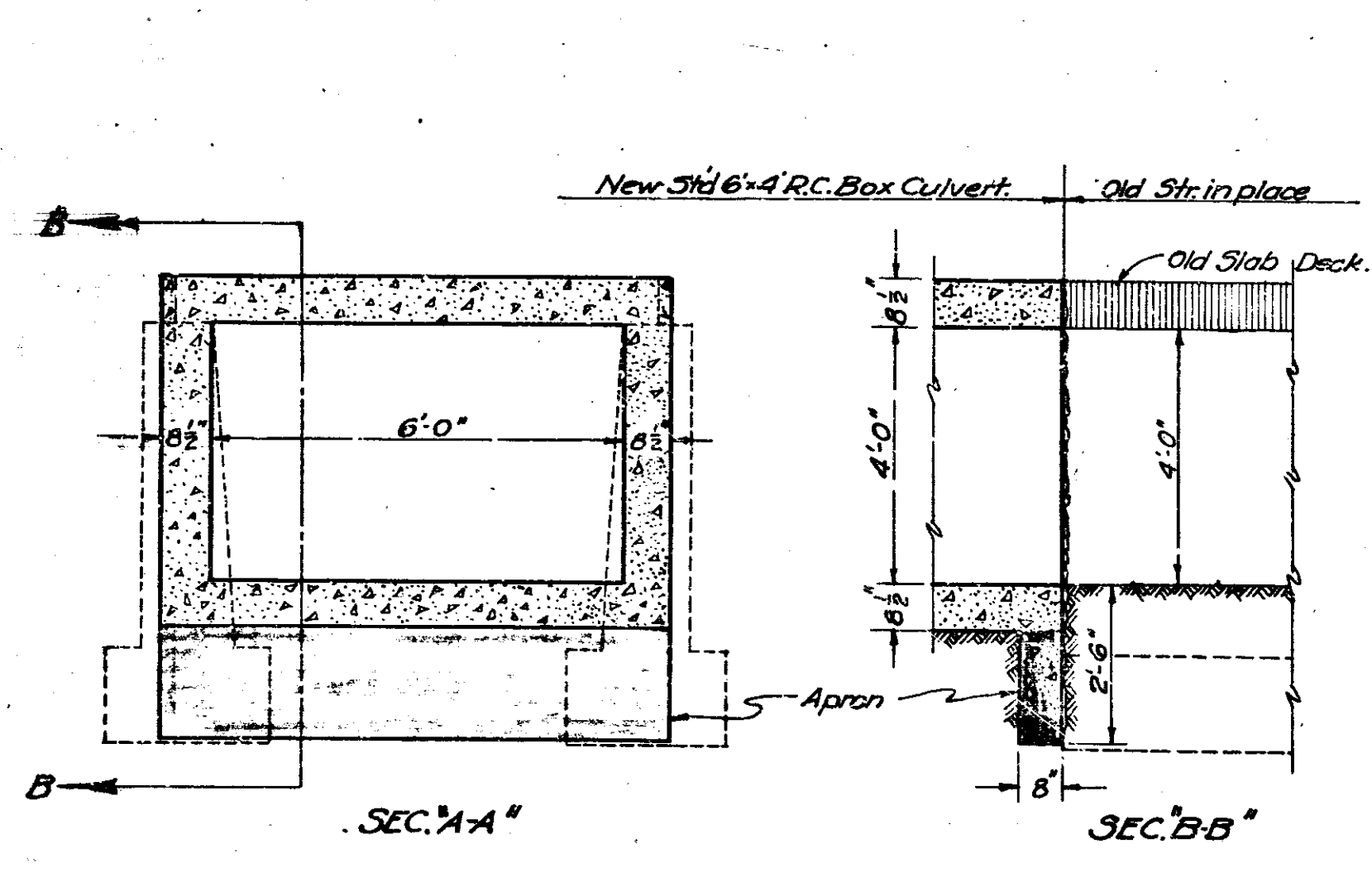
STR. NO.	SPEC. C. I. D. CONC. CU. YDS.	REINFORCING STEEL POUNDS.
27	0.60	0
34	1.36	111
46	0.80	0

1/2" Def. Bars 2x5' 5'0" long 2 Req'd. 2x8' bars.

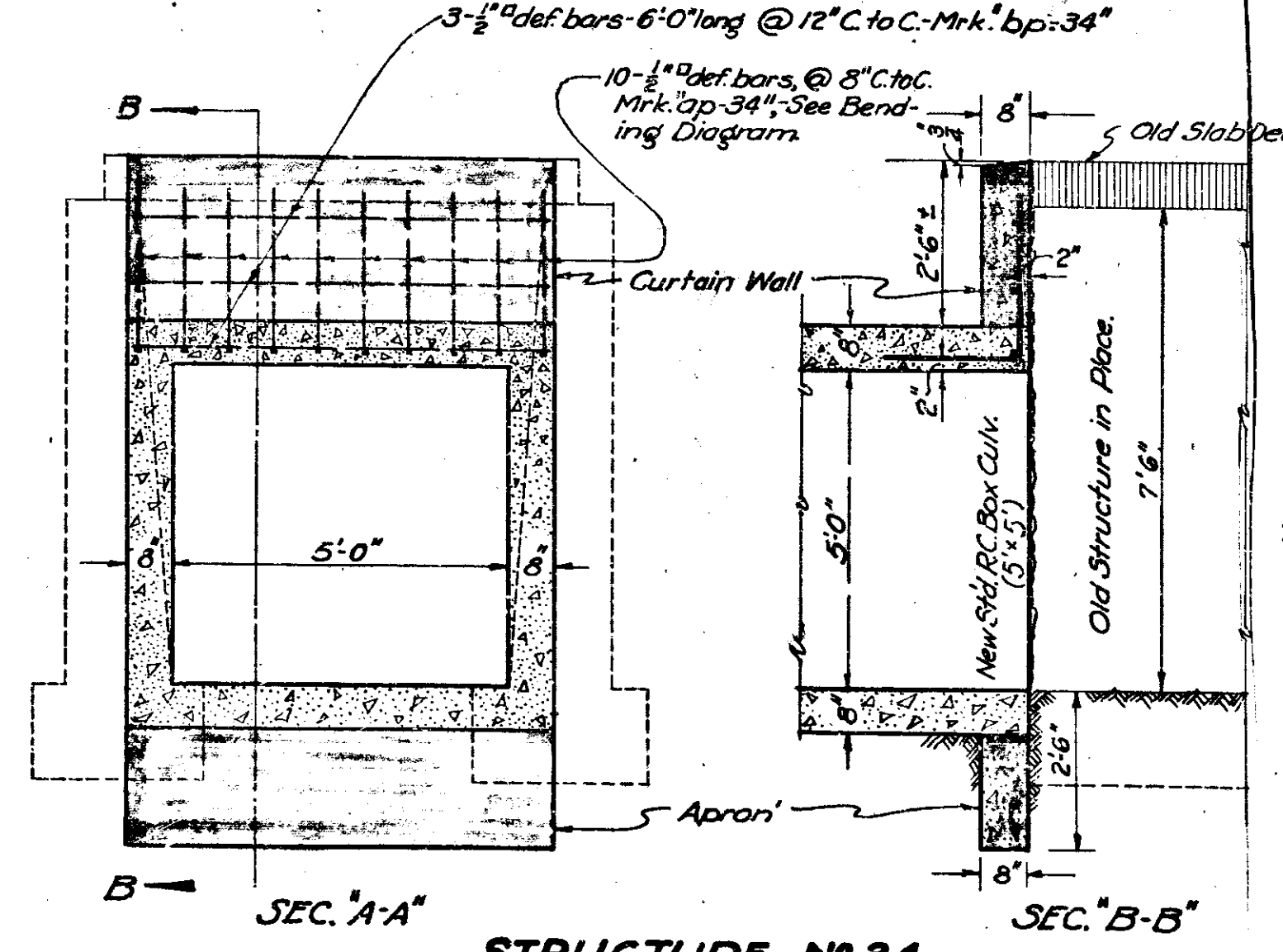
Symmetrical about C-C



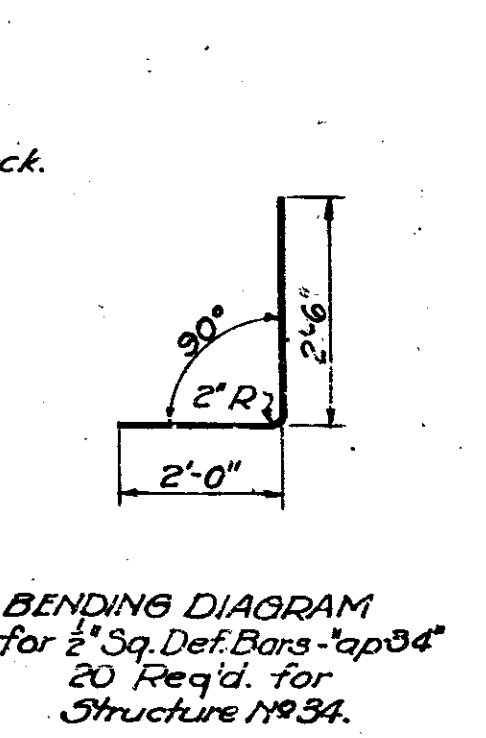
STRUCTURE NO. 27. DETAILS FOR SEALING ENDS OF STR. IN PLACE. 2.05 Cu. Yds. Spec. C. I. D. Conc. and 48 Lbs. Rein. Steel for Structures Req'd.



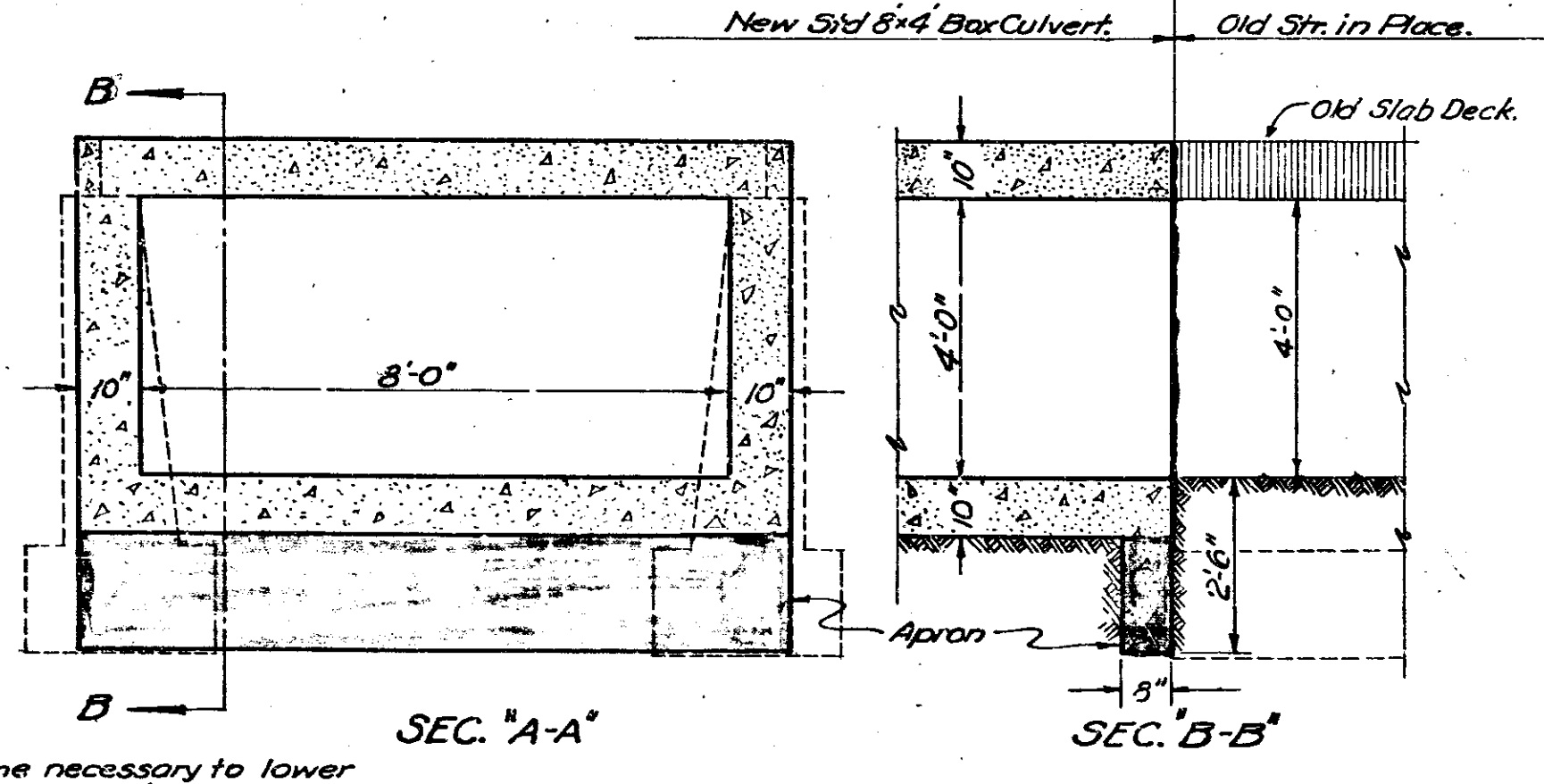
STRUCTURE NO. 32.



STRUCTURE NO. 34. CONNECTION DETAILS. SCALE 1/4" = 1'-0"



BENDING DIAGRAM for 1/2" Sq. Def. Bars - 2x8' for Structure No. 34.



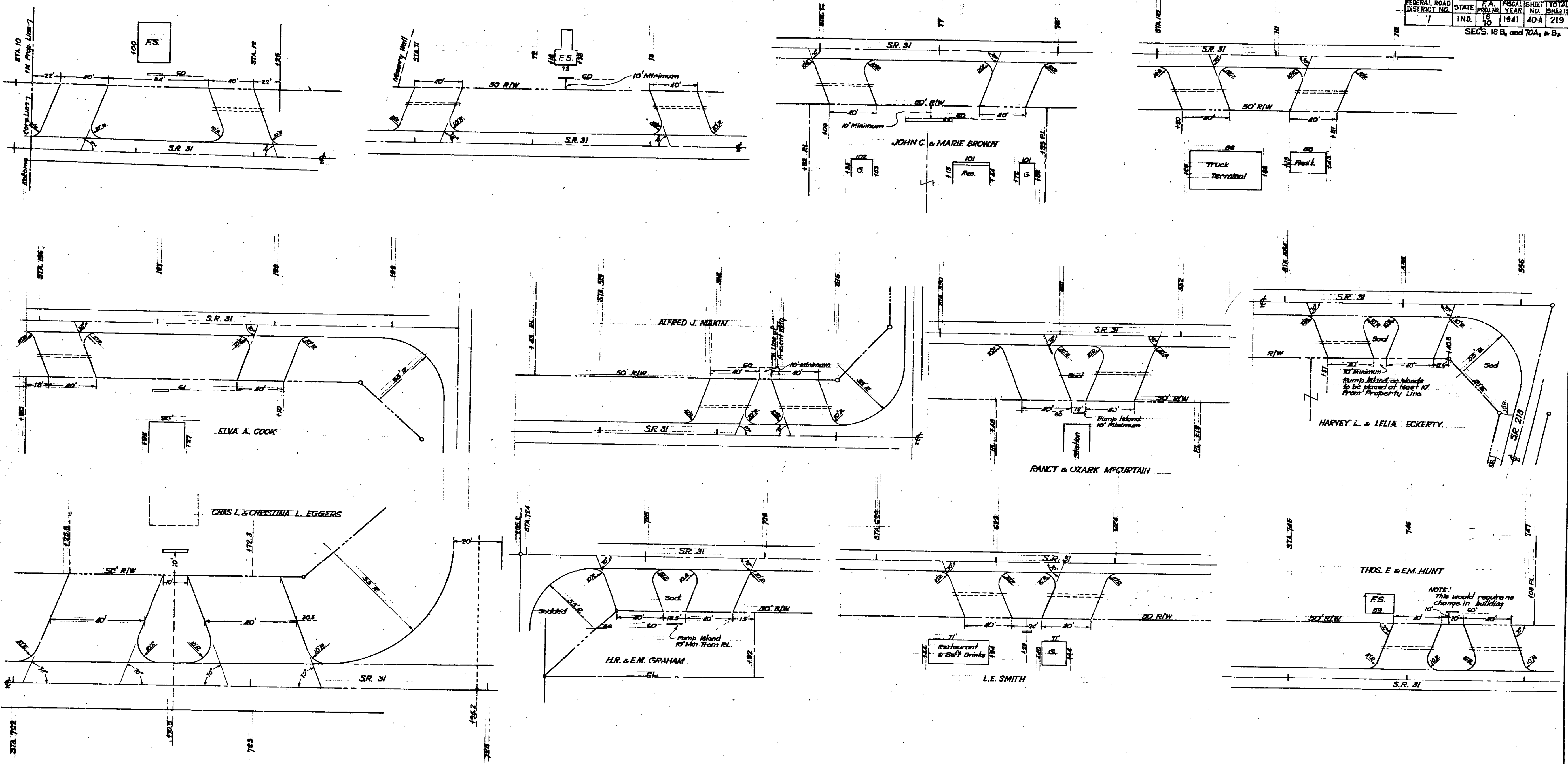
STRUCTURE NO. 46.

NOTE: Should it become necessary to lower the flow line grades of Str. No. 32 & No. 46, these structures shall be provided with CURTAIN WALLS, as shown for Str. No. 34 except that reinforcing steel need not be used if the walls do not exceed 12" in height. In case these walls are needed and constructed the CONTRACTOR shall be paid for the additional materials required at the Contract Unit Price for Spec. Class D Concrete and for Reinforcing Steel for Structures.

DETAILS.

FEDERAL ROAD DISTRICT NO.	STATE	F. A. DESIGN YEAR	SHEET NO.	TOTAL SHEETS
7	IND.	1941	40A	219

SECS. 18 B, and 70A, & B.



COMMERCIAL DRIVES

CRD 7-16-40

