

STATE HIGHWAY DEPARTMENT OF OHIO
Bureau of Construction

SECTIONS "A",
"B" & "HASKINS"

BOWLING GREEN - WATERVILLE ROAD

I.C.H. N° 283 PET. N° 4152 & 4174

WOOD COUNTY

MIDDLETON TOWNSHIP

— INDEX —

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— SCALES —

- Plans 1 Inch = 100 Feet.
- Profiles 1 Inch = 100 Ft. Horizontal & 1 Inch = 10 Ft. Vertical.
- Cross Sections 1 Inch = 5 Feet Vertical & Horizontal.
- Details 1 Inch = Foot.

— CONVENTIONAL SIGNS —

- County Line -----
- Township Line -----
- Section Line -----
- Corporation Line -----
- Property Line -----
- Fence Line -----
- Center Line of Survey -----
- Telephone or Telegraph Poles T T T T T
- Railroads -----
- Electric Lines -----

The Standard Specifications of the State Highway Department of Ohio in force on date of contract will govern this improvement.

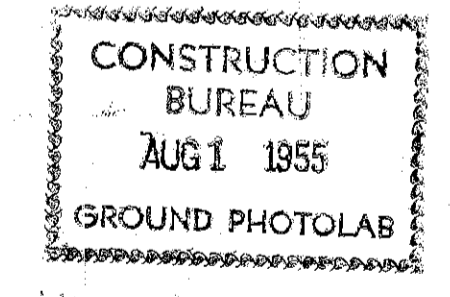
I hereby approve these plans and declare that the making of this improvement will require the closing to traffic of the highway and that the detours will be indicated by signs as shown on the plans and estimates.

Approved *J. L. Stinebaugh*
Date, 6-27-1921 Resident Engineer.

Approved *Edwin Hilly*
Date, 7/14/1921 Division Engineer.

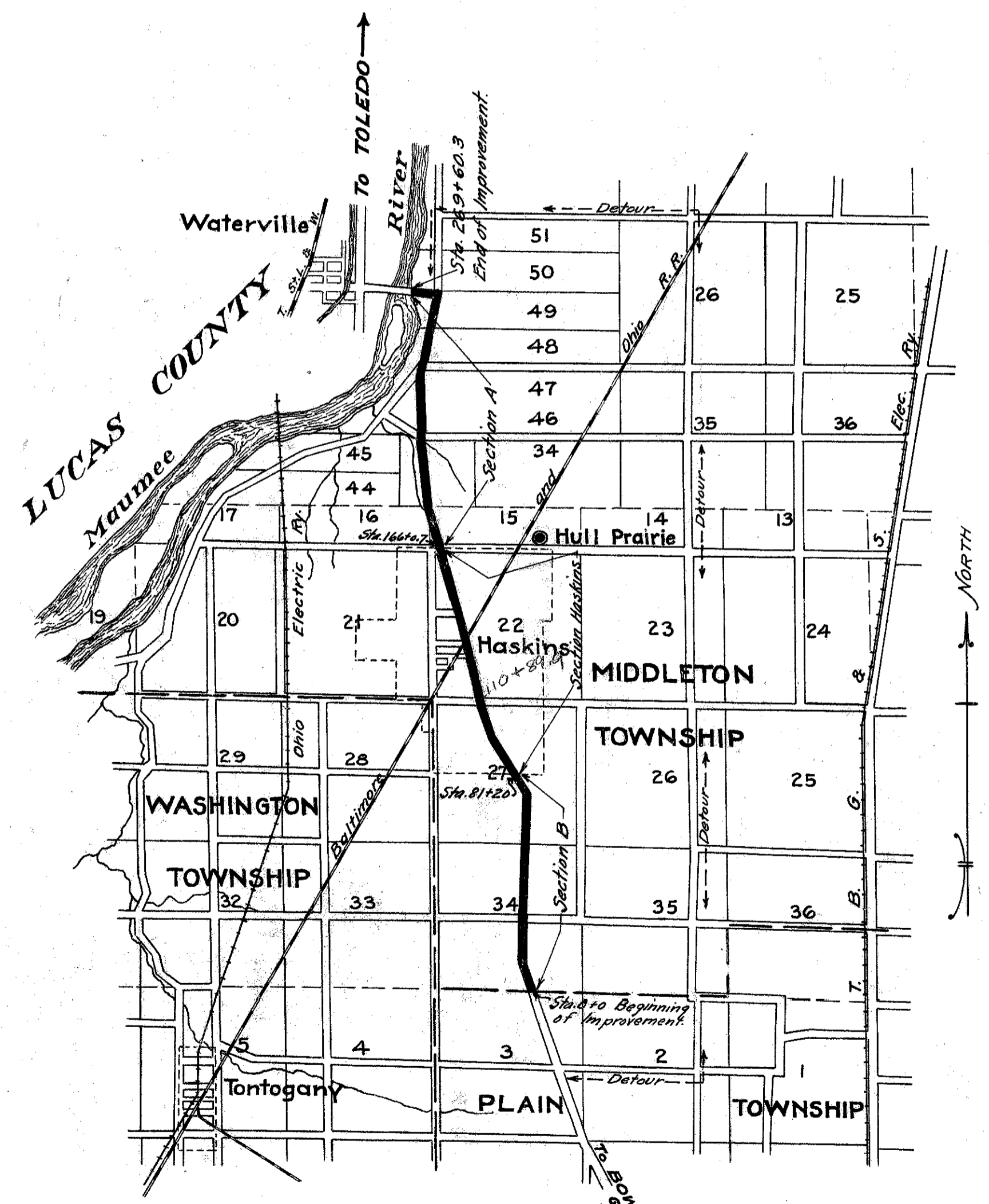
Approved *E. D. Dwyer*
Date, 8/17/21 Chief Highway Engineer.

Approved *Leon C. Henrich*
Date, 8/19/21 State Highway Commissioner.



We, the Commissioners of Wood County, hereby approve these plans and certify that the right-of-way 60 feet wide, is available for the construction, maintenance and repair of the above highway.

J. M. Adams
L. S. Eggleston
Date 6-27-1921 County Commissioners.



LOCATION PLAN
Scale 1 1/2 Inches = 1 Mile
PORTION TO BE IMPROVED

Left				Right			
Edge of Pav.	Width	Station	Grade Elev.	Width	Edge of Pav.	Station	Grade Elev.
671.58	8.00	3+62.42	671.75	8.00	671.58		
671.94	8.00	4+00	671.75	8.70	671.58		
672.00	8.00	4+12.42	671.75	9.08	671.58		
672.32	8.00	4+50	671.75	9.00	671.58		
672.42	8.00	4+75	671.75	10.00	671.58		
672.42	8.00	5+00	671.75	10.00	671.58		
672.29	8.00	5+25	671.80	9.00	671.63		
672.12	8.00	5+50	671.85	9.20	671.68		
672.10	8.00	5+53.75	671.85	9.08	671.68		
672.31	8.00	5+75	671.85	8.37	671.68		
671.69	8.00	6+00	671.85	8.01	671.68		
671.67	8.00	6+03.75	671.84	8.00	671.67		

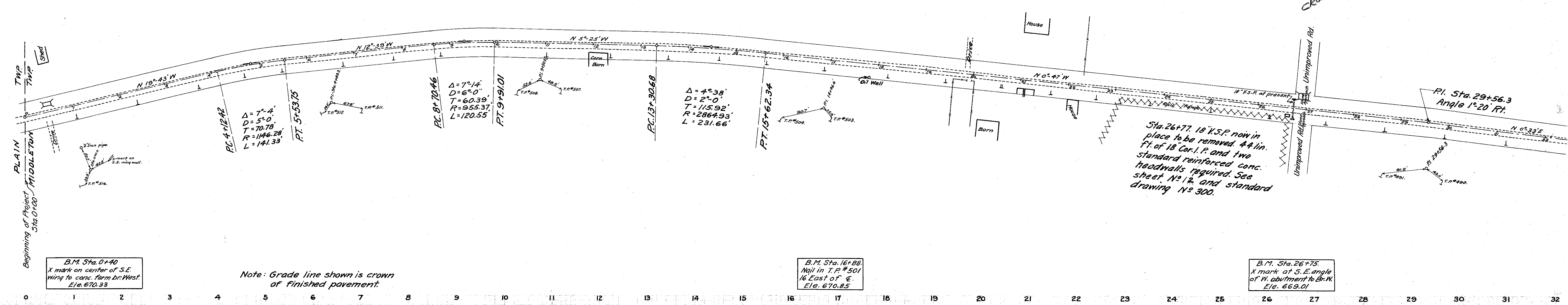
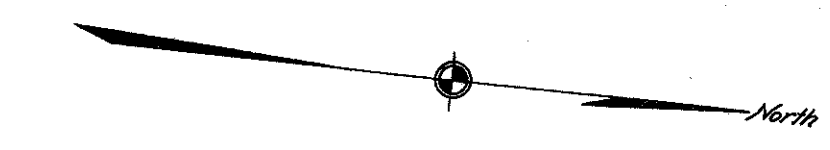
32.96 sq. yds. extra pavement

Left				Right			
Edge of Pav.	Width	Station	Grade Elev.	Width	Edge of Pav.	Station	Grade Elev.
671.63	8.00	8+20.46	671.80	8.00	671.63		
671.93	8.00	8+50	671.80	8.60	671.63		
672.13	8.00	8+70.46	671.80	9.30	671.63		
672.43	8.00	9+00	671.80	10.15	671.63		
672.57	8.00	9+20.46	671.74	10.40	671.57		
672.51	8.00	9+41.1	671.68	10.40	671.51		
672.43	8.00	9+50	671.65	10.33	671.48		
672.06	8.00	9+91.1	671.73	9.30	671.56		
671.99	8.00	10+00	671.75	8.37	671.58		
671.54	8.00	10+41.1	671.71	8.00	671.54		

32.96 sq. yds. extra pavement

Left				Right			
Edge of Pav.	Width	Station	Grade Elev.	Width	Edge of Pav.	Station	Grade Elev.
671.32	8.00	12+80.68	671.51	8.00	671.32		
671.43	8.00	13+00	671.55	8.00	671.36		
671.65	8.00	13+30.68	671.67	8.00	671.48		
671.80	8.00	13+50	671.75	8.00	671.54		
672.02	8.00	13+80.68	671.87	8.00	671.68		
672.10	8.00	14+00	671.95	8.00	671.74		
672.15	8.00	14+25	672.00	8.00	671.81		
672.20	8.00	14+50	672.05	8.00	671.86		
672.00	8.00	15+00	671.85	8.00	671.66		
672.00	8.00	15+12.34	671.85	8.00	671.66		
671.87	8.00	15+50	671.85	8.00	671.66		
671.80	8.00	15+62.34	671.82	8.00	671.63		
671.60	8.00	16+00	671.75	8.00	671.56		
671.55	8.00	16+12.34	671.74	8.00	671.55		

No extra pavement.



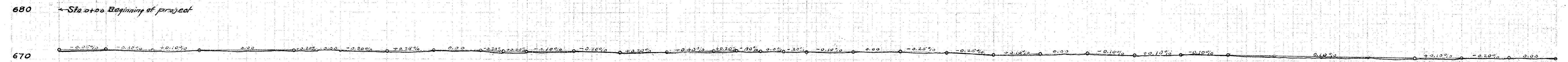
Sta. 26+77.18 18" I.S.P. now in place to be removed 44 in. of 18 Cor. I.P. and two standard reinforced conc. headwalls required. See sheet N° 12 and standard drawing N° 300.

B.M. Sta. 0+40
X mark on center of S.E. wing to conc. farm br West Elev. 670.33

Note: Grade line shown is crown of finished pavement.

B.M. Sta. 16+80
Nail in T.P. #501 1/8 East of E. Elev. 670.85

B.M. Sta. 26+75
X mark at S.E. angle of W. abutment to Br. N. Elev. 669.01

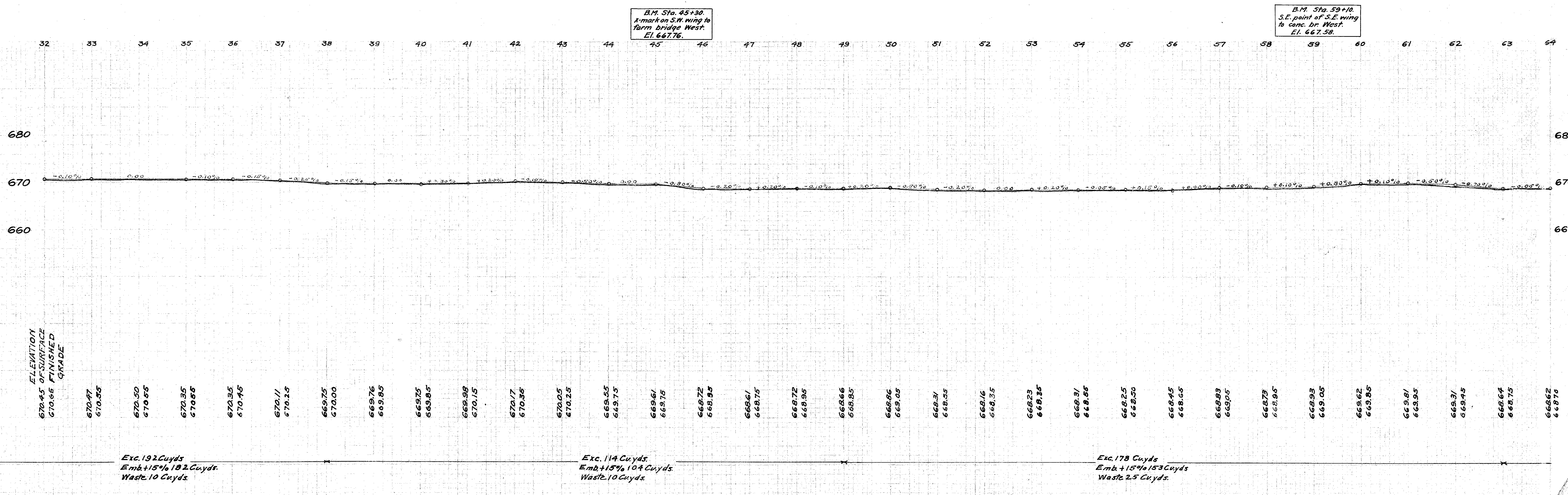
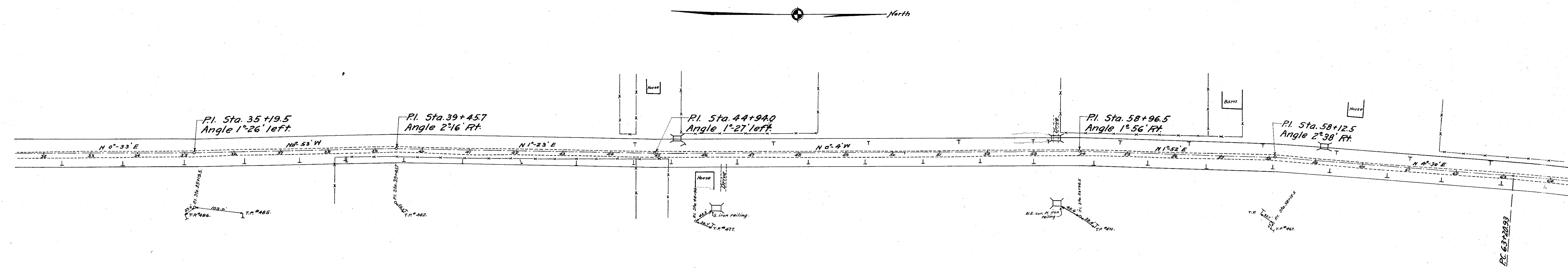


Station	Surface Elevation	Finished Grade Elevation
671.87	671.95	
671.47	671.65	
671.61	671.75	
671.68	671.75	
671.77	671.75	
671.75	671.75	
671.85	671.85	
671.95	671.95	
671.71	671.85	
671.91	671.65	
671.65	671.80	
671.65	671.80	
671.51	671.65	
671.51	671.65	
671.63	671.65	
671.27	671.35	
671.57	671.55	
671.55	671.55	
671.85	671.85	
671.95	671.95	
672.05	672.05	
671.81	671.85	
671.75	671.85	
671.65	671.65	
671.75	671.75	
671.55	671.65	
671.49	671.65	
671.35	671.40	
670.96	671.15	
671.05	671.25	
671.11	671.25	
670.95	671.15	
671.16	671.25	
671.05	671.15	
670.84	671.05	
670.71	670.95	
670.65	670.85	
670.65	670.85	
670.47	670.65	
670.45	670.65	

Exc. 134 Cu yds.
Emb + 15% 130 Cu yds.
Waste 4 Cu yds.

Exc. 219 Cu yds.
Emb + 15% 233 Cu yds.
Borrow 14 Cu yds.

Exc. 192 Cu yds.
Emb + 15% 182 Cu yds.
Waste 10 Cu yds.

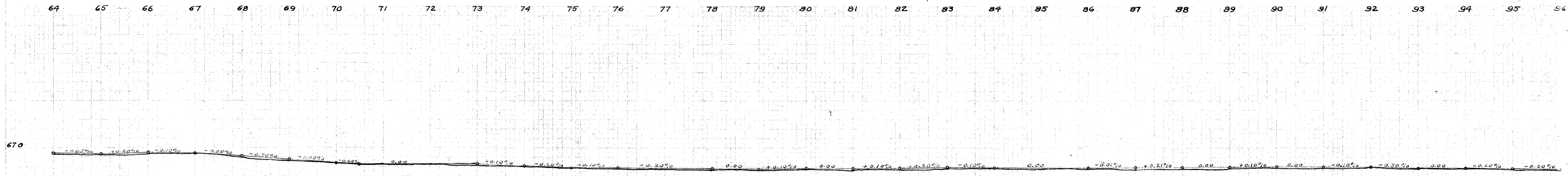
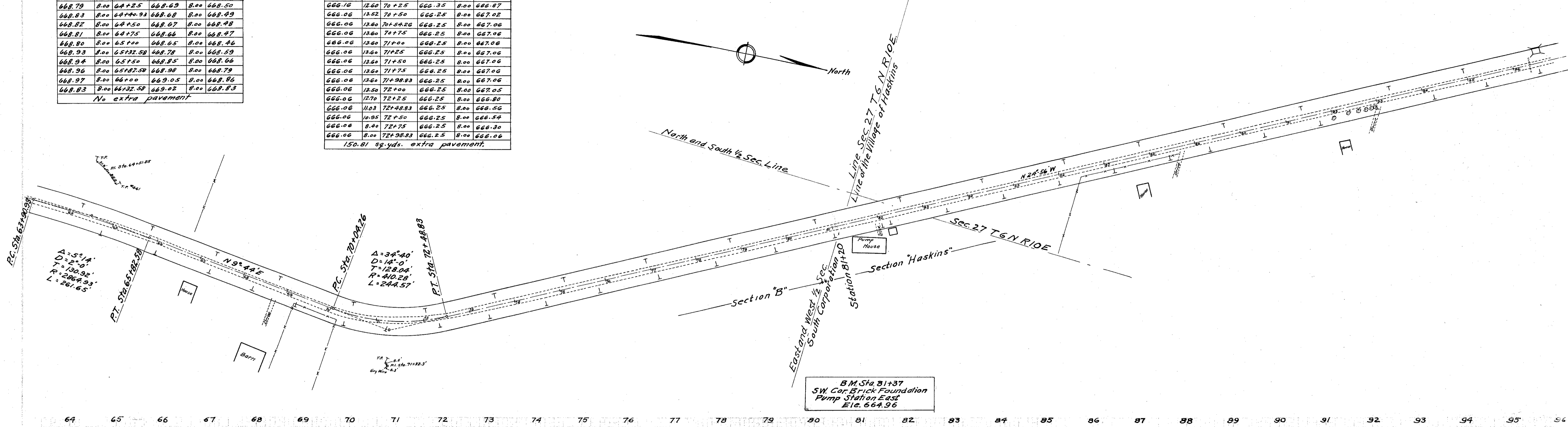


Left Pav.	Width	Station	Grade Elev.	Width	Right Pav.
668.54	8.00	63+40.93	668.73	8.00	668.54
668.56	8.00	63+50.93	668.72	8.00	668.54
668.69	8.00	63+90.93	668.71	8.00	668.52
668.71	8.00	64+00	668.70	8.00	668.51
668.79	8.00	64+25	668.69	8.00	668.50
668.83	8.00	64+40.93	668.68	8.00	668.49
668.82	8.00	64+50	668.67	8.00	668.48
668.81	8.00	64+75	668.66	8.00	668.47
668.80	8.00	65+00	668.65	8.00	668.46
668.93	8.00	65+32.50	668.78	8.00	668.59
668.94	8.00	65+50	668.85	8.00	668.66
668.96	8.00	65+82.50	668.98	8.00	668.79
668.97	8.00	66+00	669.05	8.00	668.86
668.83	8.00	66+32.50	669.02	8.00	668.83

No extra pavement

Left Pav.	Width	Station	Grade Elev.	Width	Right Pav.
666.26	8.00	69+54.26	666.45	8.00	666.26
666.26	8.70	69+75	666.45	8.00	666.46
666.26	10.00	70+00	666.45	8.00	666.71
666.24	11.03	70+40.26	666.43	8.00	666.74
666.16	12.60	70+25	666.35	8.00	666.87
666.06	13.52	70+50	666.25	8.00	667.02
666.06	13.60	70+54.26	666.25	8.00	667.06
666.06	13.60	70+75	666.25	8.00	667.06
666.06	13.60	71+00	666.25	8.00	667.06
666.06	13.60	71+25	666.25	8.00	667.06
666.06	13.60	71+50	666.25	8.00	667.06
666.06	13.60	71+75	666.25	8.00	667.06
666.06	13.60	71+98.83	666.25	8.00	667.06
666.06	13.50	72+00	666.25	8.00	667.05
666.06	12.70	72+25	666.25	8.00	666.80
666.06	11.03	72+48.83	666.25	8.00	666.56
666.06	10.95	72+50	666.25	8.00	666.54
666.06	8.40	72+75	666.25	8.00	666.30
666.06	8.00	72+98.83	666.25	8.00	666.06

150.81 sq.yds. extra pavement.



ELEVATION
668.62
668.70
FINISHED
GRADE

668.34	668.65	668.77	669.05	668.73	668.95	667.93	668.15	667.24	667.45	666.72	666.95	666.98	666.25	666.52	666.25	666.50	666.25	666.25	666.16	666.25	666.06	666.15	665.82	665.95	665.70	665.95	665.50	665.50	665.45	665.45	665.45	665.55	665.92	665.65	665.52	665.65	665.69	665.85	665.59	665.75	665.65	665.75	665.55	665.71	665.79	665.95	665.80	665.95	665.86	666.05	665.86	666.05	665.82	665.95	665.96	665.65	665.53	665.65	665.36	665.45	665.73	665.25
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Exc. 255 Cuyds.
Emb. +15% 227 Cuyds.
Waste 28 Cuyds.

Exc. 124 Cuyds.
Emb. +15% 124 Cuyds.

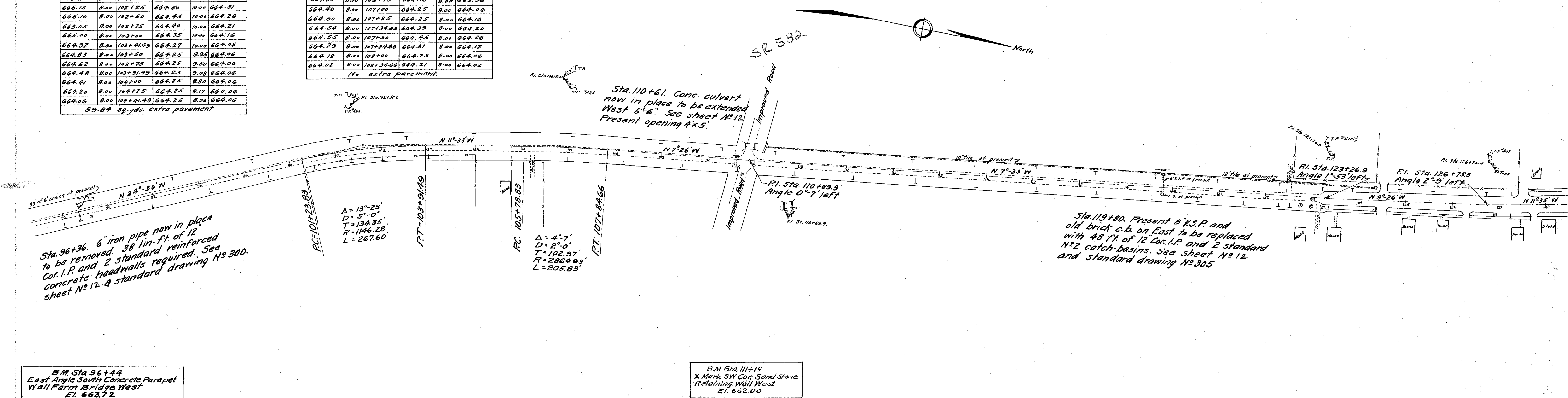
Exc. 186 Cuyds.
Emb. +15% 177 Cuyds.
Waste 9 Cuyds.

Left				Right			
Edge of Pav.	Width	Station	Grade Elev.	Width	Edge of Pav.	Station	Grade Elev.
664.51	8.00	100+73.83	664.70	8.00	664.51		
664.68	8.00	101+00	664.65	8.00	664.76		
664.88	8.00	101+23.83	664.65	9.00	664.44		
664.12	8.00	101+50	664.65	9.75	664.46		
665.23	8.00	101+73.83	664.68	10.00	664.39		
665.20	8.00	102+00	664.55	10.00	664.36		
665.15	8.00	102+25	664.50	10.00	664.31		
665.10	8.00	102+50	664.45	10.00	664.26		
665.05	8.00	102+75	664.40	10.00	664.21		
665.00	8.00	103+00	664.35	10.00	664.16		
664.92	8.00	103+41.49	664.27	10.00	664.08		
664.83	8.00	103+50	664.25	9.95	664.06		
664.62	8.00	103+75	664.25	9.50	664.06		
664.48	8.00	103+91.49	664.25	9.08	664.06		
664.41	8.00	104+00	664.25	8.80	664.06		
664.20	8.00	104+25	664.25	8.17	664.06		
664.06	8.00	104+41.49	664.25	8.00	664.06		

59.84 sq. yds. extra pavement

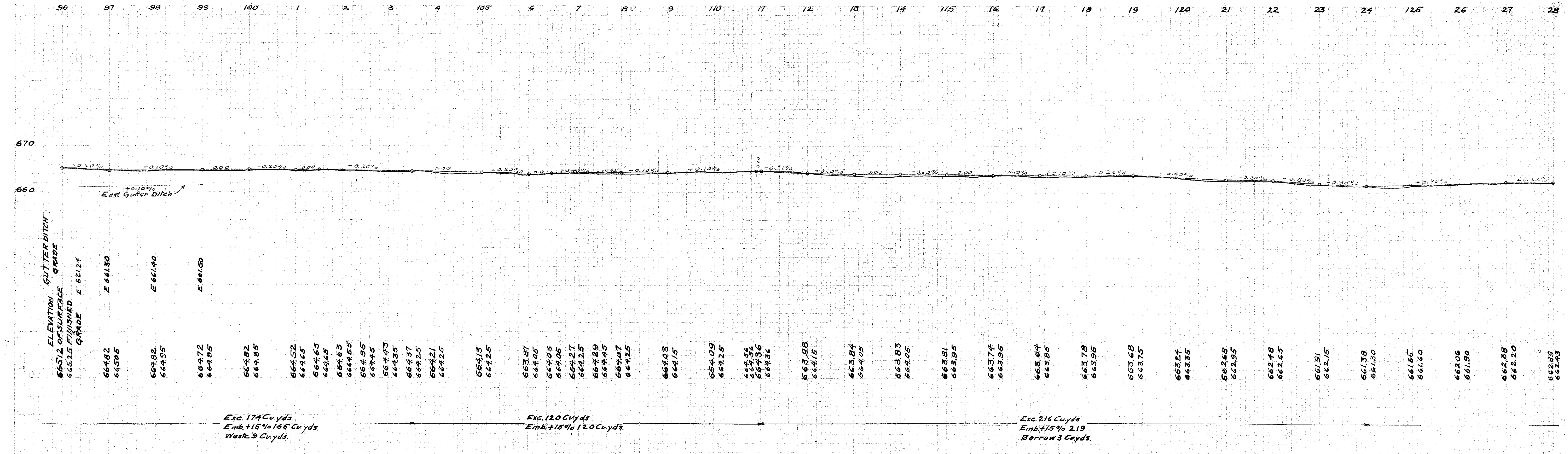
Left				Right			
Edge of Pav.	Width	Station	Grade Elev.	Width	Edge of Pav.	Station	Grade Elev.
664.00	8.00	105+28.83	664.19	8.00	664.00		
664.06	8.00	105+50	664.15	8.00	663.96		
664.07	8.00	105+78.83	664.09	8.00	663.90		
664.10	8.00	106+00	664.05	8.00	663.86		
664.20	8.00	106+28.83	664.05	8.00	663.86		
664.20	8.00	106+50	664.05	8.00	663.86		
664.30	8.00	106+75	664.15	8.00	663.96		
664.40	8.00	107+00	664.25	8.00	664.06		
664.50	8.00	107+25	664.35	8.00	664.16		
664.54	8.00	107+34.66	664.39	8.00	664.20		
664.55	8.00	107+50	664.45	8.00	664.26		
664.29	8.00	107+84.66	664.31	8.00	664.12		
664.18	8.00	108+00	664.25	8.00	664.06		
664.02	8.00	108+34.66	664.21	8.00	664.02		

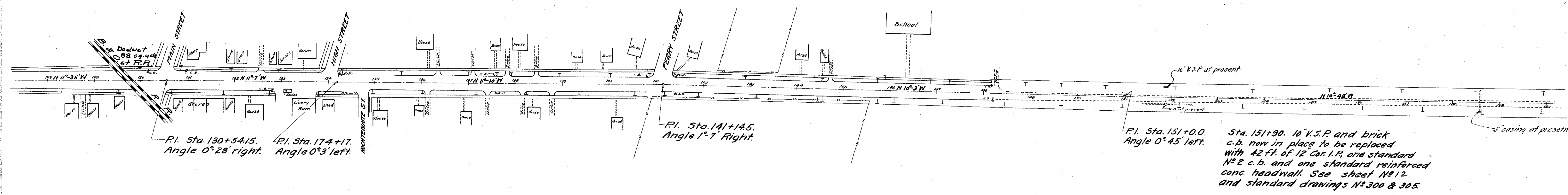
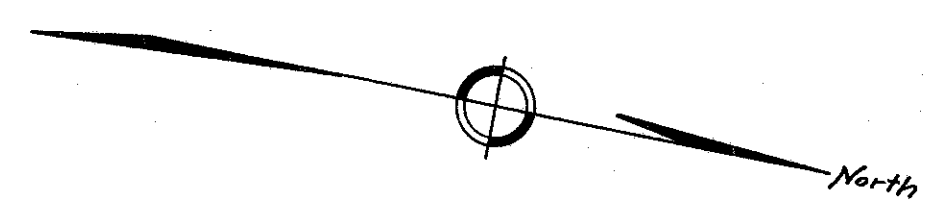
No extra pavement.



B.M. Sta. 96+44
East Angle South Concrete Parapet
Wall Farm Bridge West
El. 663.72

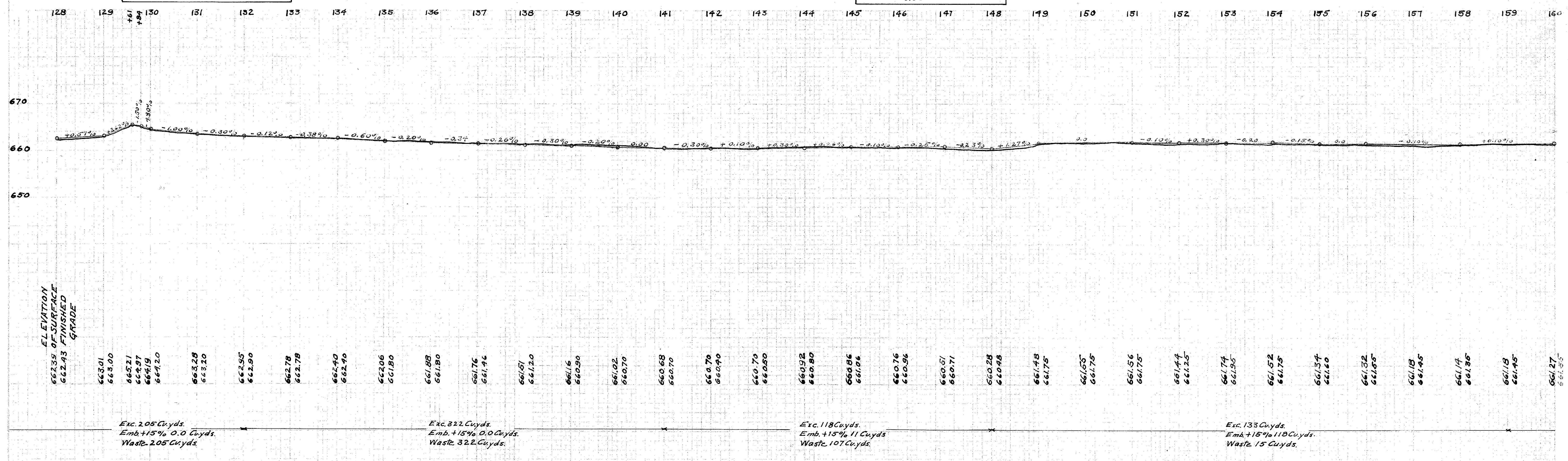
B.M. Sta. 111+19
X Mark SW Cor. Sand Stone
Retaining Wall West
El. 662.00

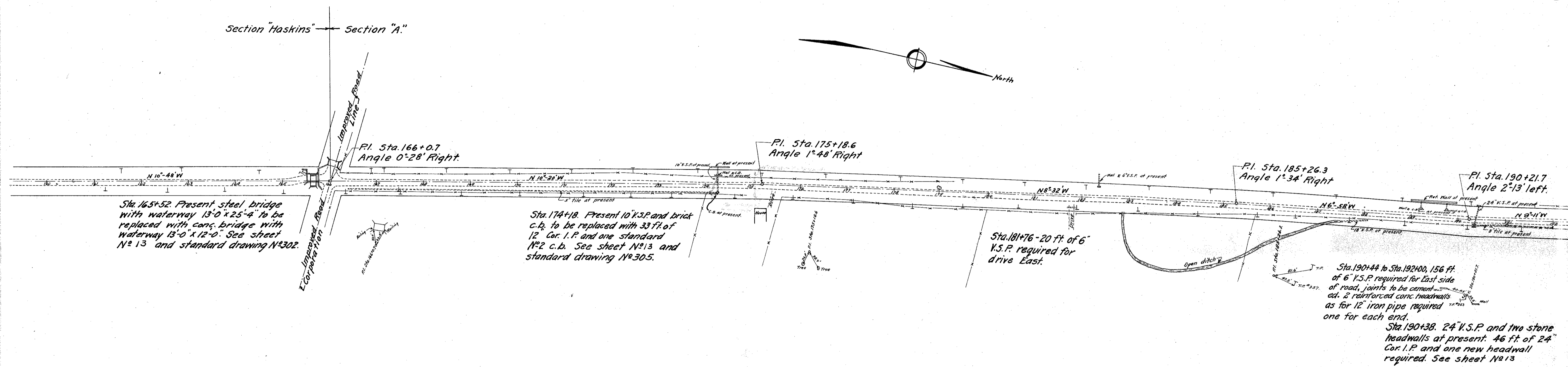




B.M. Sta. 130+80
Center of Iron Plate North Door Column
Bank east.
E1.664.02

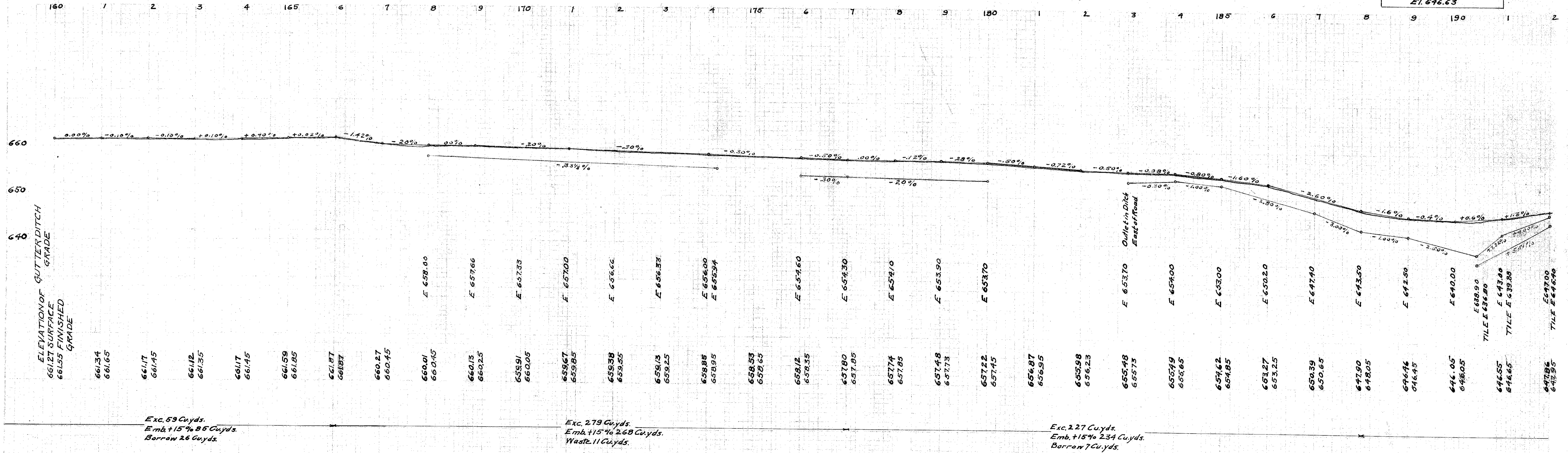
B.M. 146+35
X Marks E. Corner Step Main
Entrance School Building West
E1.663.66





B.M. Sta. 165+85
X Mark S.E. Point S.W. Wing Wall
Concrete Culvert West
Ei. 661.13

B.M. Sta. 189+80
X Mark N.E. End Concrete Wall
North Catch Basin West
Ei. 646.63



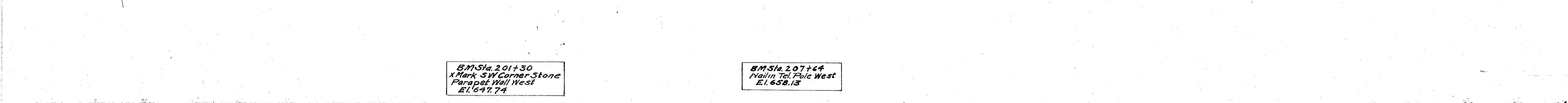
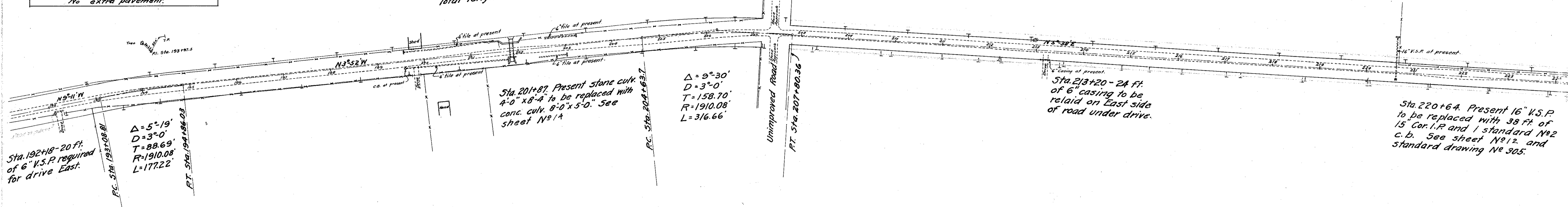
Left Edge of Pav.	Width	Station	Grade	Right Edge of Pav.	Width	Station	Grade
649.34	9.00	192+58.81	649.54	9.0	649.34		
649.86	9.00	192+75	649.97	9.0	649.77		
650.69	9.00	193+00	650.65	9.0	650.45		
650.92	9.00	193+08.81	650.83	9.0	650.63		
651.84	9.00	193+25	651.65	9.0	651.45		
652.98	9.00	193+50	652.65	9.0	652.45		
653.15	9.00	193+58.81	652.77	9.0	652.57		
653.73	9.00	193+75	653.35	9.0	653.15		
654.43	9.00	194+00	654.05	9.0	653.85		
654.98	9.00	194+25	654.60	9.00	654.40		
655.22	9.00	194+36.03	654.84	9.00	654.64		
655.43	9.00	194+50	655.15	9.00	654.95		
655.40	9.00	194+75	655.25	9.00	655.05		
655.38	9.00	194+86.03	655.29	9.00	655.09		
655.36	9.00	195+00	655.35	9.00	655.15		
655.28	9.00	195+25	655.42	9.00	655.22		
655.26	9.00	195+36.03	655.46	9.00	655.26		

No extra pavement.

Left Edge of Pav.	Width	Station	Grade	Right Edge of Pav.	Width	Station	Grade
653.00	9.00	204+13.7	653.20	9.00	653.00		
653.73	9.00	204+50	653.85	9.00	653.65		
654.19	9.00	204+63.7	654.10	9.00	653.90		
655.05	9.00	205+00	654.75	9.00	654.55		
654.39	9.00	205+13.7	655.01	9.00	654.81		
656.08	9.00	205+50	655.70	9.00	655.50		
656.03	9.00	206+00	655.65	9.00	655.45		
656.48	9.00	206+50	656.10	9.00	655.90		
656.93	9.00	207+00	656.55	9.00	656.35		
657.02	9.00	207+30.36	656.64	9.00	656.44		
656.88	9.00	207+80.36	656.79	9.00	656.59		
656.82	9.00	208+00	656.85	9.00	656.65		
656.62	9.00	208+30.36	656.82	9.00	656.62		

No extra pavement.

Standard type "A" guard rail
Sta. 200+75 to Sta. 202+65 both sides
Total length 380 ft.



Station	Surface Elevation	Finished Grade	Exc. Emb.	Borrow	Waste
192	650.65	649.00			
193	650.65	649.00			
194	650.65	649.00			
195	650.65	649.00			
196	650.65	649.00			
197	650.65	649.00			
198	650.65	649.00			
199	650.65	649.00			
200	650.65	649.00			
201	650.65	649.00			
202	650.65	649.00			
203	650.65	649.00			
204	650.65	649.00			
205	650.65	649.00			
206	650.65	649.00			
207	650.65	649.00			
208	650.65	649.00			
209	650.65	649.00			
210	650.65	649.00			
211	650.65	649.00			
212	650.65	649.00			
213	650.65	649.00			
214	650.65	649.00			
215	650.65	649.00			
216	650.65	649.00			
217	650.65	649.00			
218	650.65	649.00			
219	650.65	649.00			
220	650.65	649.00			
221	650.65	649.00			
222	650.65	649.00			
223	650.65	649.00			
224	650.65	649.00			

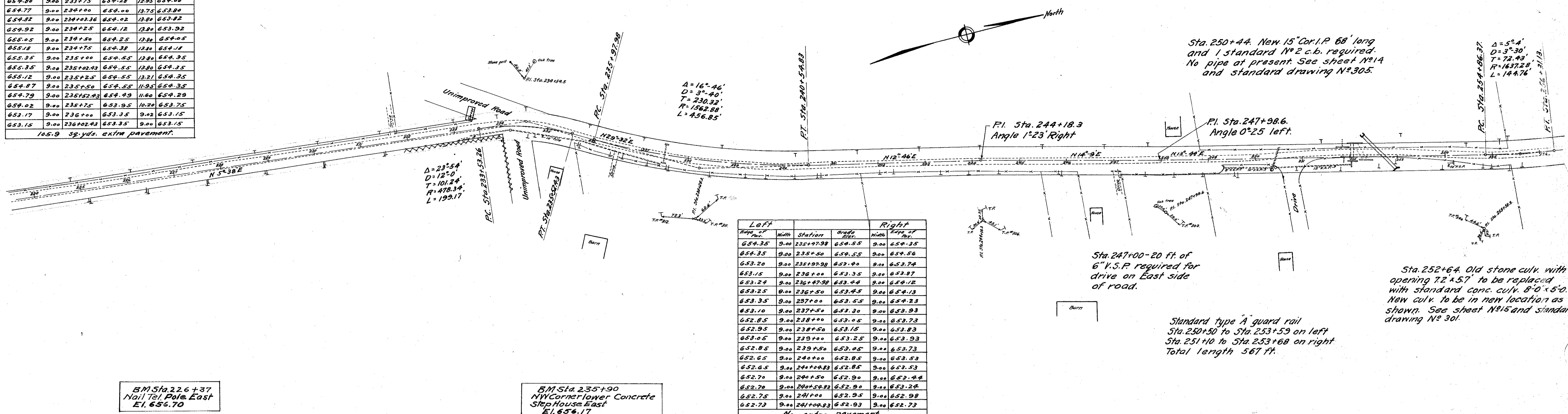
Exc. 583 Cu.yds. Emb. +15% 635 Cu.yds. Borrow 45 Cu.yds.

Exc. 290 Cu.yds. Emb. +15% 300 Cu.yds. Borrow 10 Cu.yd.

Exc. 187 Cu.yds. Emb. +15% 190 Cu.yds. Waste 47 Cu.yds.

Left				Right			
Edge of Pav.	Width	Station	Grade Elev.	Width	Edge of Pav.	Station	Grade Elev.
654.91	9.00	233+03.36	654.11	9.00	654.91		
654.78	9.00	233+25	654.87	9.70	654.67		
654.85	9.00	233+50	654.38	11.40	654.38		
654.84	9.00	233+53.36	654.34	11.60	654.34		
654.80	9.00	233+75	654.28	12.85	654.08		
654.77	9.00	234+00	654.00	13.75	653.80		
654.82	9.00	234+03.36	654.02	13.80	653.82		
654.92	9.00	234+25	654.12	13.80	653.92		
655.05	9.00	234+50	654.25	13.80	654.05		
655.18	9.00	234+75	654.38	13.80	654.18		
655.35	9.00	235+00	654.55	13.80	654.35		
655.35	9.00	235+02.43	654.55	13.80	654.35		
655.12	9.00	235+25	654.55	13.21	654.35		
654.87	9.00	235+50	654.55	11.95	654.35		
654.79	9.00	235+52.43	654.49	11.60	654.29		
654.02	9.00	235+75	653.95	10.20	653.75		
653.17	9.00	236+00	653.35	9.42	653.15		
653.15	9.00	236+02.43	653.35	9.00	653.15		

165.9 sq. yds. extra pavement.

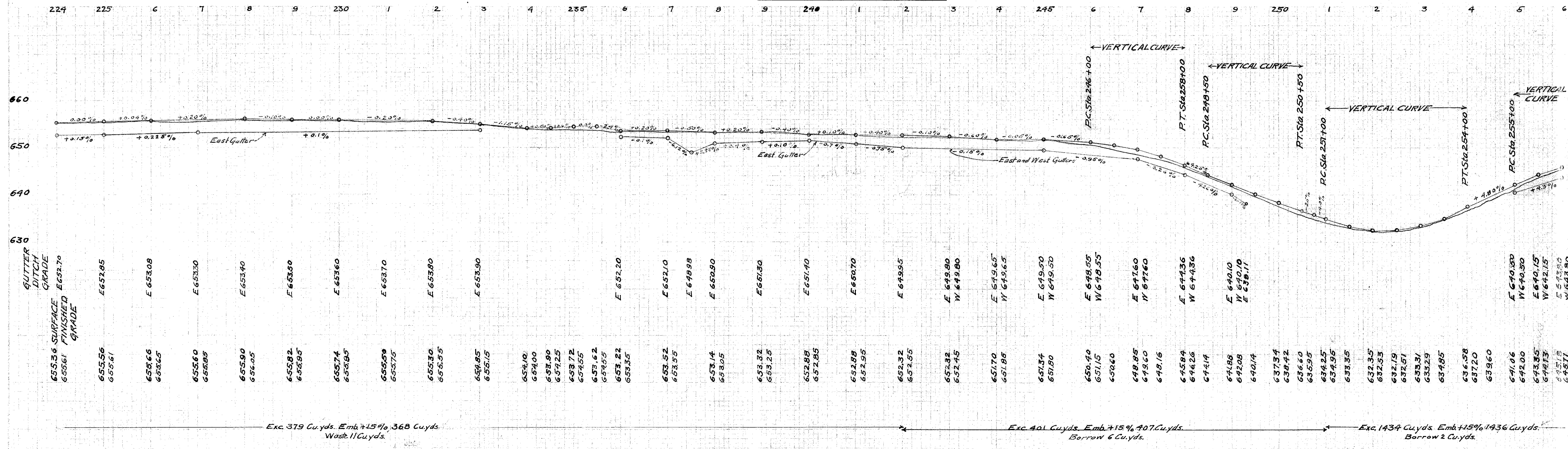


Left				Right			
Edge of Pav.	Width	Station	Grade Elev.	Width	Edge of Pav.	Station	Grade Elev.
654.35	9.00	235+47.98	654.55	9.00	654.35		
654.35	9.00	235+50	654.55	9.00	654.56		
653.20	9.00	235+97.98	653.40	9.00	653.74		
653.15	9.00	236+00	653.35	9.00	653.87		
653.24	9.00	236+47.98	653.44	9.00	654.12		
653.25	9.00	236+50	653.45	9.00	654.13		
653.35	9.00	237+00	653.55	9.00	654.23		
653.10	9.00	237+50	653.30	9.00	653.93		
652.85	9.00	238+00	653.05	9.00	653.73		
652.95	9.00	238+50	653.15	9.00	653.83		
653.05	9.00	239+00	653.25	9.00	653.93		
652.85	9.00	239+50	653.05	9.00	653.73		
652.65	9.00	240+00	652.85	9.00	653.53		
652.65	9.00	240+48.83	652.85	9.00	653.53		
652.70	9.00	240+50	652.90	9.00	653.44		
652.70	9.00	240+52.43	652.90	9.00	653.24		
652.75	9.00	241+00	652.95	9.00	652.98		
652.73	9.00	241+48.83	652.93	9.00	652.73		

No extra pavement.

BM Sta. 226+37
Nail in Pole East
Elev. 656.70

BM Sta. 235+90
NW Corner of Tower Concrete
Shop House East
Elev. 656.17



Left		Right			
Station	Width	Station	Width		
638.78	9.00	254+36.37	638.95	9.00	638.78
640.63	9.00	254+175	640.80	9.00	640.88
641.18	9.00	254+86.37	641.35	9.00	641.51
641.83	9.00	255+00	642.00	9.00	642.25
642.97	9.00	255+25	642.14	9.00	642.55
643.44	9.00	255+36.37	643.61	9.00	644.10
643.96	9.00	255+80	643.13	9.00	644.62
645.00	9.00	255+81.13	645.17	9.00	645.66
645.54	9.00	256+00	645.71	9.00	646.07
646.13	9.00	256+25	646.30	9.00	646.59
646.25	9.00	256+73.13	646.42	9.00	646.59
646.62	9.00	256+50	646.79	9.00	646.82
646.95	9.00	256+81.13	647.12	9.00	646.95

No Extra Pavement

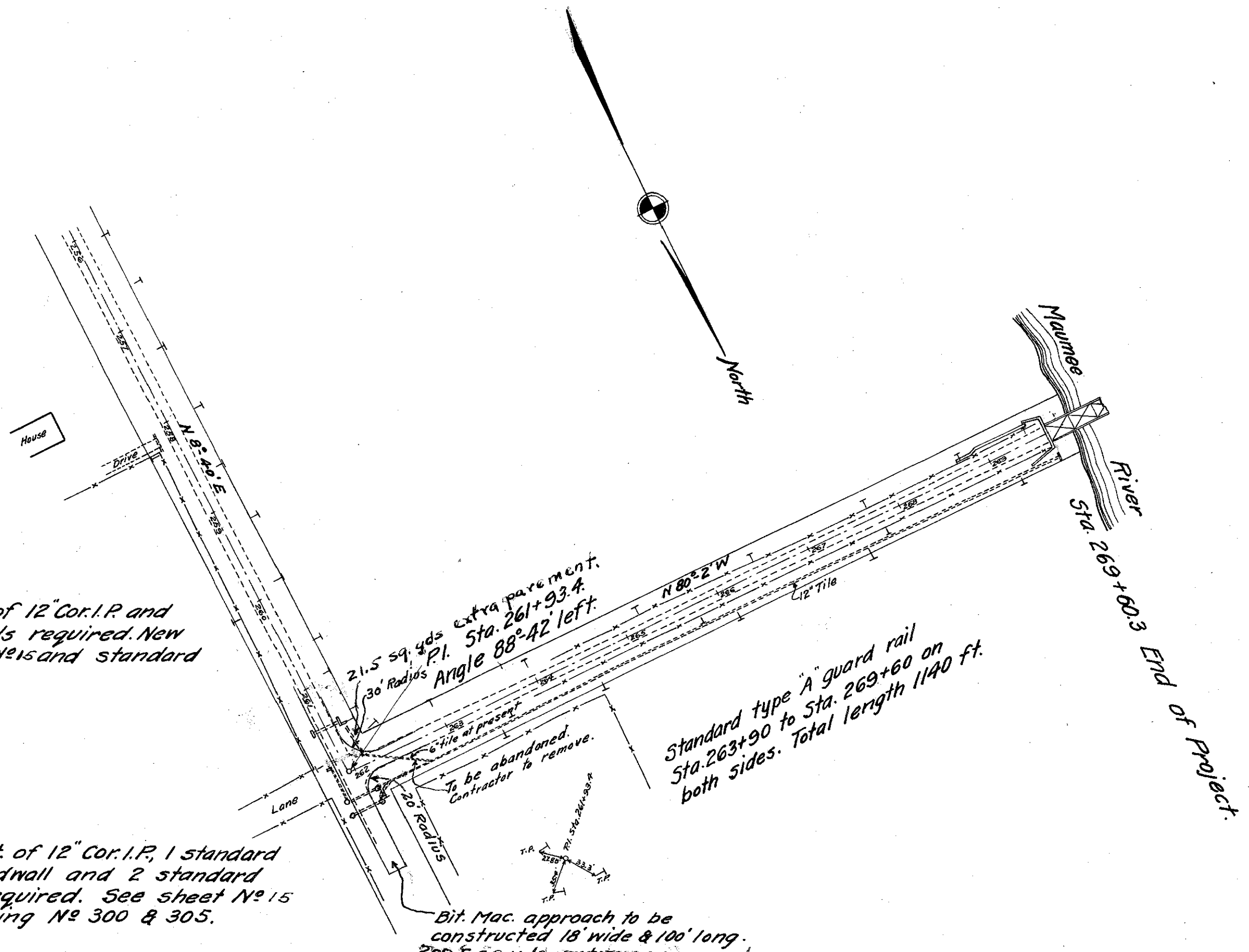
Sta. 258+15-20 ft of 6" V.S.P. required for drive on East side of road

Sta. 261+40. 36 ft. of 12" Cor. I.R. and standard headwalls required. New work. See sheet No. 15 and standard drawing No. 300.

Sta. 261+93.4. 80 ft. of 12" Cor. I.R. 1 standard reinforced conc. headwall and 2 standard No. 2 catch-basins required. See sheet No. 15 and standard drawing No. 300 & 305.

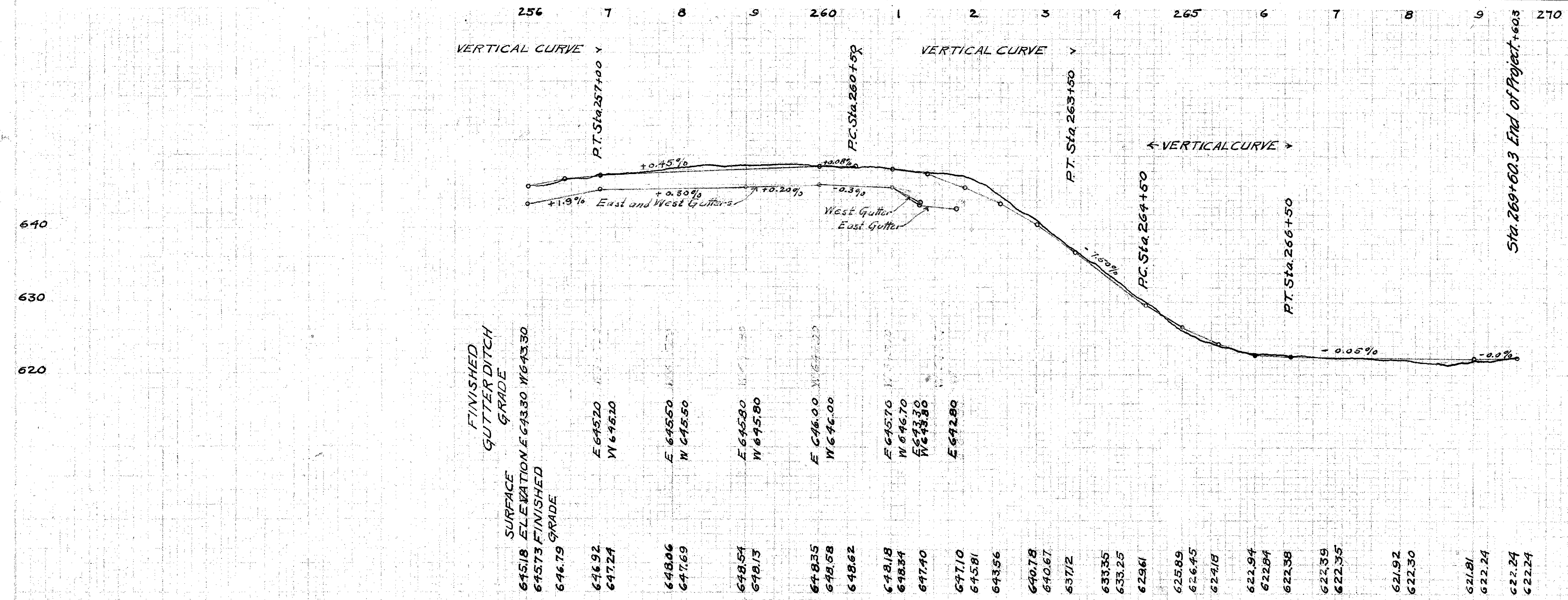
Dit. Mac. approach to be constructed 18' wide & 100' long. 209.5 sq. yds extra pavement.

Standard type 'A' guard rail Sta. 263+90 to Sta. 269+60 on both sides. Total length 1140 ft.



BM Sta. 262+00
Nail in Pole North
Ei. 647.05

BM Sta. 269+60
X NW Corner N.E. Wing E. Bridge
Abutment Maumee River Bridge
Ei. 620.13



Exc. 1435 Cu.yds. Emb. +15% 1436 Cu.yds.
Borrow 4 Cu.yds.

Exc. 637 Cu.yds + 292 Cu.yds at Approach 100 feet
in Length North of Sta. 261+93. = 929 Cu.yds.
Emb. +15% = 929 Cu.yds.
Waste 139 Cu.yds.