

#8006

FED. AID DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR
10	OHIO	496-C	1927

S.H.(I.C.H.) No 224-225 Sec B-Hoytville Wood County

STATE OF OHIO
~~DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS~~
DEPARTMENT OF HIGHWAYS
DESHLER FINDLAY, BALTIMORE FOSTORIA ROAD
S.H.(I.C.H.) NO. 225 SEC. HOYTVILLE I.C.H. NO. 224 SEC. B PET. NO. 5390
WOOD COUNTY

JACKSON TOWNSHIP

AUG. 1927

The Standard Specifications of the State of Ohio, Division of Highways, 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 detours will be provided as shown on the plan and estimates.

Approved: *W. W. Locke*
Date, 2/9/28 Resident District Deputy Director

Approved: *M. J. Henahan*
Date, 5/26/28 Resident Division Deputy Director

Approved: *Robt. J. Beightler*
Date, 6/7/28 Chief Engineer Bureau of Construction

Approved: _____
Date, _____ Chief Engineer Bureau of Maintenance

Approved: _____
Date, _____ Chief Engineer Bureau of Bridges

Approved: *Harry D. Kirk*
Date, 6-6-28 Chief Highway Engineer

Approved: *E. F. Schlesinger*
Date, 6-6-28 Director of Highways

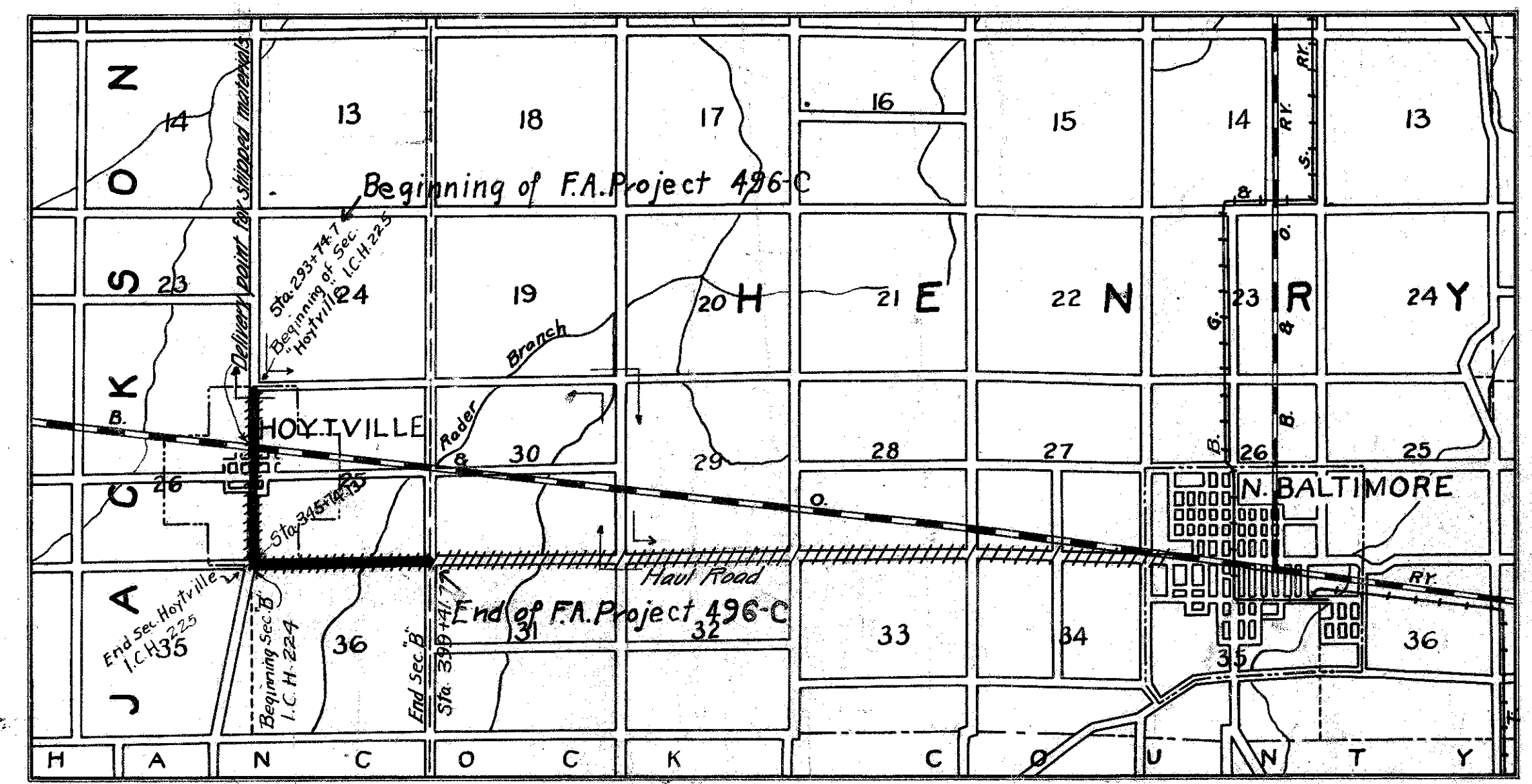
Recommended for Approval: _____
Date, _____ District Engineer Bureau of Public Roads

Recommended for Approval: _____
Date, _____ Chief Engineer Bureau of Public Roads

Approved: _____
Date, _____ Chief of Bureau

CONVENTIONAL SIGNS

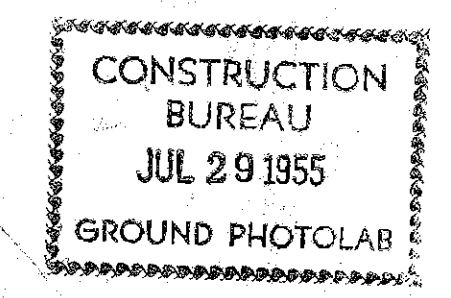
State Line	-----
County Line	-----
Township Line	-----
Section Line	-----
Property Line not fenced	-----
Center Line	-----
City or Village Line	-----
Fence	-----
Telephone or Telegraph	T T T T
Steam Railroad	-----
Electric Line	-----
Guard Rail	-----
Drain Pipe - new	-----
Drain Pipe - old	-----



LOCATION PLAN

SCALE OF MILES

PORTION TO BE IMPROVED	=====
DETOURS SHOWN THUS	----->
IMPROVED ROADS	=====
HAUL ROADS	#####



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.

D. J. Pettit
F. E. Fox
J. M. Beard

Date April 23 1928 County Commissioners

SCALES

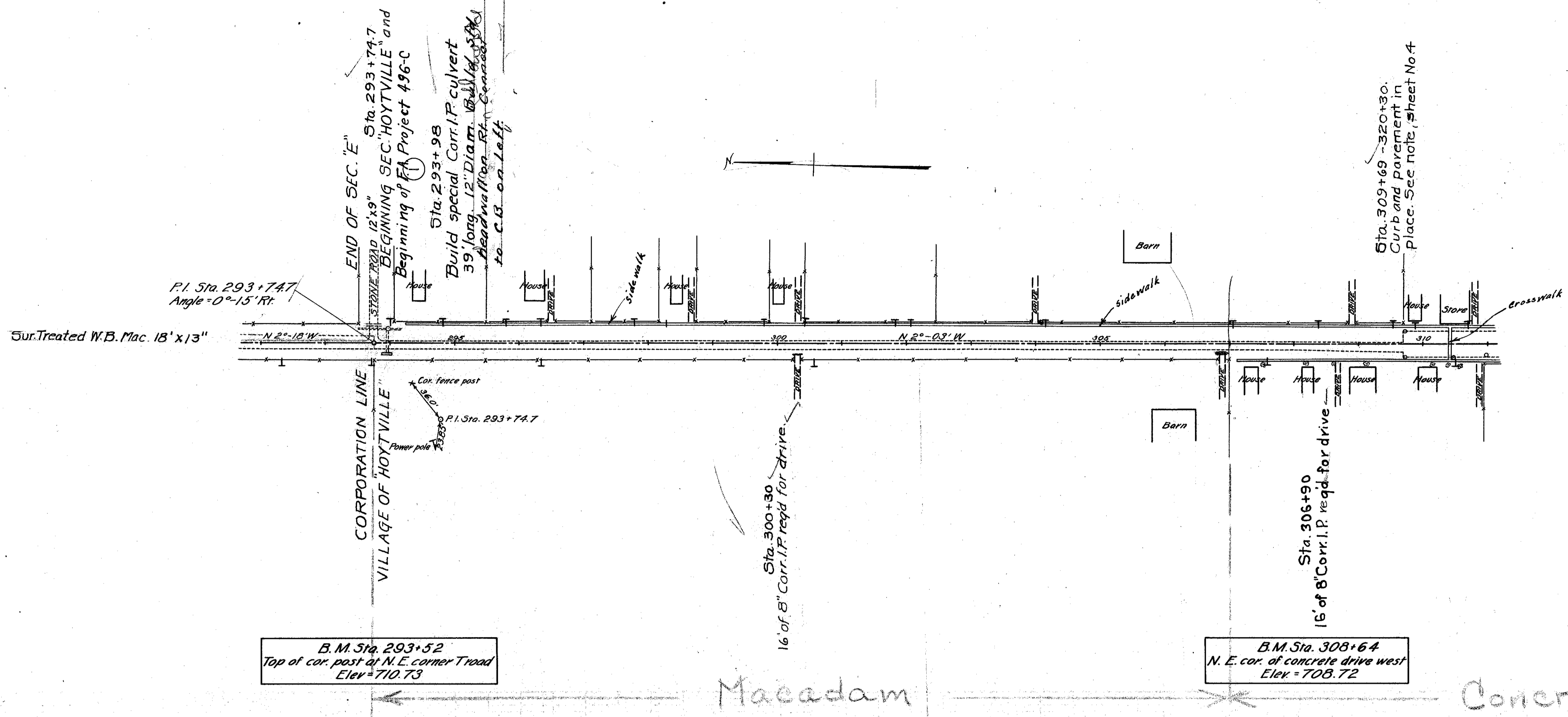
Plan	1"=100'
Profile (Vertical)	1"=10'
Profile (Horizontal)	1"=100'
Cross Sections	1"=5'

INDEX OF SHEETS PROJECT TRACINGS

Title Page	p. 1
Typical Cross Section	p. 2
Plans and Profile	p. 3-6
Cross Sections	p. 7-11
Structural Plans	p. 12-15
Summary Sheet	p. 16

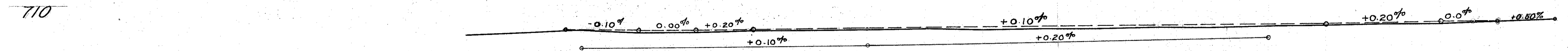
SUPPLEMENTAL PRINTS OF STRUCTURAL STANDARDS

Drawing Number	A5-2430
"	SB-2430
"	RR-A
"	300, 300-C
"	305
"	28 or 100
"	138



Macadam Concrete

Note - Tile ditch in place on left side, Sta. 293+98 - 310+00.



Gutter Ditch West Sta. 393+75 - 306

SURFACE FINISHED DITCH ELEVATION GRADE

706.87	707.12	707.65	707.10	707.15	707.45	707.60	707.80	707.96	707.96	707.96	707.96	707.96	708.06	708.06	708.28	708.48	708.53	708.58	709.18	709.68
		+74.7 Beginning of F.A. Project 496C	Gutter W.	Gutter W.											Gutter W.					
292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	

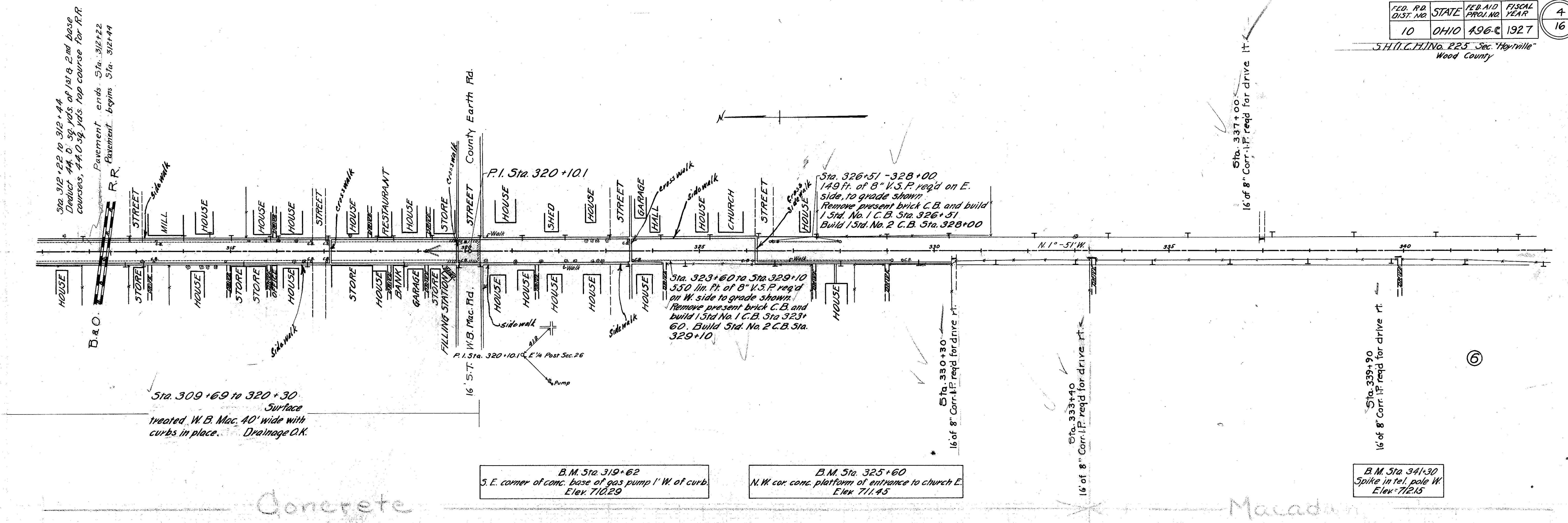
EXCAV. = 459 CU. YDS.
EMB. +15% = 460 CU. YDS.
BORROW = 1 CU. YD.

EXCAV. = 352 CU. YDS.
EMB. +15% = 347 CU. YDS.
WASTE = 41 CU. YDS.

WASTE TO BE DISTRIBUTED EVENLY ALONG BERMS

FOR ANY QUESTIONS PLEASE CONTACT OBOT DISTRICT 2 REAL ESTATE AT 419-353-8131

S.H. C. H. No. 225 Sec. 14, 15, 16 Wood County



Sta. 309+69 to 320+30
Surface treated, W.B. Mac. 40' wide with curbs in place. Drainage O.K.

B.M. Sta. 319+62
S.E. corner of conc. base of gas pump 1' W. of curb.
Elev. 710.29

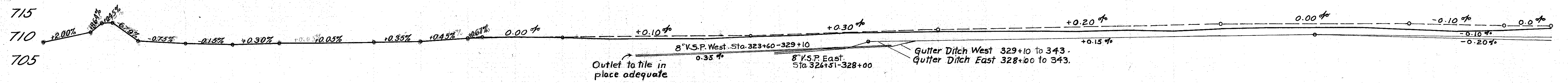
B.M. Sta. 325+60
N.W. cor. conc. platform of entrance to church E.
Elev. 711.45

B.M. Sta. 341+30
Spike in tel. pole W.
Elev. 712.15

Concrete

Macadam

Note: - Drainage tile in place on left, sta. 320+30 - 326+51



Station	Surface Finished Elevation	Ditch Grade	Excavation	Waste	Notes
311	709.68	709.70			
312	711.60	711.70			
313	709.88	709.90			
314	709.13	709.15			
315	709.98	709.00			
316	709.28	709.30			
317	709.33	709.35			
318	709.38	709.40			
319	709.73	709.75			
320	710.18	710.20			
321	710.45	710.40			
322	710.25	710.40			
323	710.05	710.50			
324	710.05	710.60			
325	710.05	710.70			
326	710.45	710.80			
327	710.85	711.10			
328	711.23	711.40			
329	711.33	711.70			
330	711.53	712.00			
331	711.63	712.20			
332	711.73	712.40			
333	711.63	712.60			
334	711.93	712.80			
335	711.83	713.00			
336	712.28	713.20			
337	712.28	713.20			
338	712.28	713.20			
339	712.38	713.20			
340	712.08	713.20			
341	711.78	713.10			
342	711.98	713.00			
343	712.28	713.00			

EMB = 0 CU. YDS.
EXCAV. = 695 CU. YDS.
WASTE = 695 CU. YDS.

EXCAV. = 818 CU. YDS.
EMB + 15% = 89 CU. YDS.
WASTE = 729 CU. YDS.
Note - Waste to be used Sta. 340-351

EXCAV. = 743 CU. YDS.
EMB + 15% = 407 CU. YDS.
WASTE = 336 CU. YDS.
Note - Waste to be used Sta. 340-351

FOR ANY QUESTIONS PLEASE CONTACT ODOT DISTRICT 2 REAL ESTATE AT 419-353-8131

FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR
10	OHIO	496-C	1927

S.H.(L.C.H.) No. 224 Sec. "B"
Wood County

Pavement Yardage Approaches
Sec. "Hoytville"

Type C Type M(B)
567.10 1st base 595.54
2nd base 595.54
Top 567.10

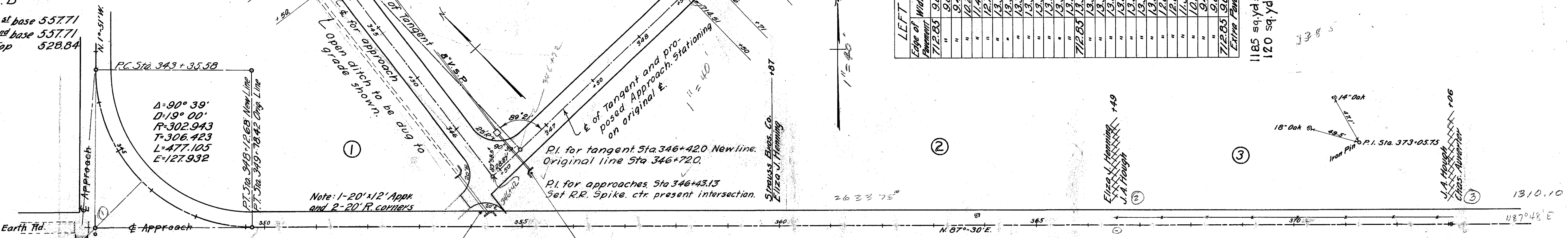
Sec. "B"
528.84 1st base 557.71
2nd base 557.71
Top 528.84

DETAIL OF CURVE & APPROACHES
STA 343+35.58 TO STA 348+12.65

NOTE: Original line was run to R.I. at ctr. of intersection and thence East. New line is run to R.I. 28.87' East of ctr. of intersection and thence East on original line.
Sta 345+00 to 346+20
Lay 320' of 8" V.S.P. on left to grade shown. Connect to C.B. at outlet end.
Build C.B. at Sta 343+00 Lt.

LEFT	RIGHT
Edge of Pavement	Edge of Pavement
Station	Station
Width	Width
Grade	Grade
Area	Area
712.85	9.00
713.02	9.00
713.32	9.00
713.62	9.00
713.92	9.00
714.22	9.00
714.52	9.00
714.82	9.00
715.12	9.00
715.42	9.00
715.72	9.00
716.02	9.00
716.32	9.00
716.62	9.00
716.92	9.00
717.22	9.00
717.52	9.00
717.82	9.00
718.12	9.00
718.42	9.00
718.72	9.00
719.02	9.00
719.32	9.00
719.62	9.00
719.92	9.00
720.22	9.00
720.52	9.00
720.82	9.00
721.12	9.00
721.42	9.00
721.72	9.00
722.02	9.00
722.32	9.00
722.62	9.00
722.92	9.00
723.22	9.00
723.52	9.00
723.82	9.00
724.12	9.00
724.42	9.00
724.72	9.00
725.02	9.00
725.32	9.00
725.62	9.00
725.92	9.00
726.22	9.00
726.52	9.00
726.82	9.00
727.12	9.00
727.42	9.00
727.72	9.00
728.02	9.00
728.32	9.00
728.62	9.00
728.92	9.00
729.22	9.00
729.52	9.00
729.82	9.00
730.12	9.00
730.42	9.00
730.72	9.00
731.02	9.00
731.32	9.00
731.62	9.00
731.92	9.00
732.22	9.00
732.52	9.00
732.82	9.00
733.12	9.00
733.42	9.00
733.72	9.00
734.02	9.00
734.32	9.00
734.62	9.00
734.92	9.00
735.22	9.00
735.52	9.00
735.82	9.00
736.12	9.00
736.42	9.00
736.72	9.00
737.02	9.00
737.32	9.00
737.62	9.00
737.92	9.00
738.22	9.00
738.52	9.00
738.82	9.00
739.12	9.00
739.42	9.00
739.72	9.00
740.02	9.00
740.32	9.00
740.62	9.00
740.92	9.00
741.22	9.00
741.52	9.00
741.82	9.00
742.12	9.00
742.42	9.00
742.72	9.00
743.02	9.00
743.32	9.00
743.62	9.00
743.92	9.00
744.22	9.00
744.52	9.00
744.82	9.00
745.12	9.00
745.42	9.00
745.72	9.00
746.02	9.00
746.32	9.00
746.62	9.00
746.92	9.00
747.22	9.00
747.52	9.00
747.82	9.00
748.12	9.00
748.42	9.00
748.72	9.00
749.02	9.00
749.32	9.00
749.62	9.00
749.92	9.00
750.22	9.00
750.52	9.00
750.82	9.00
751.12	9.00
751.42	9.00
751.72	9.00
752.02	9.00
752.32	9.00
752.62	9.00
752.92	9.00
753.22	9.00
753.52	9.00
753.82	9.00
754.12	9.00
754.42	9.00
754.72	9.00
755.02	9.00
755.32	9.00
755.62	9.00
755.92	9.00
756.22	9.00
756.52	9.00
756.82	9.00
757.12	9.00
757.42	9.00
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758.02	9.00
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760.72	9.00
761.02	9.00
761.32	9.00
761.62	9.00
761.92	9.00
762.22	9.00
762.52	9.00
762.82	9.00
763.12	9.00
763.42	9.00
763.72	9.00
764.02	9.00
764.32	9.00
764.62	9.00
764.92	9.00
765.22	9.00
765.52	9.00
765.82	9.00
766.12	9.00
766.42	9.00
766.72	9.00
767.02	9.00
767.32	9.00
767.62	9.00
767.92	9.00
768.22	9.00
768.52	9.00
768.82	9.00
769.12	9.00
769.42	9.00
769.72	9.00
770.02	9.00
770.32	9.00
770.62	9.00
770.92	9.00
771.22	9.00
771.52	9.00
771.82	9.00
772.12	9.00
772.42	9.00
772.72	9.00
773.02	9.00
773.32	9.00
773.62	9.00
773.92	9.00
774.22	9.00
774.52	9.00
774.82	9.00
775.12	9.00
775.42	9.00
775.72	9.00
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777.22	9.00
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778.42	9.00
778.72	9.00
779.02	9.00
779.32	9.00
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779.92	9.00
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780.52	9.00
780.82	9.00
781.12	9.00
781.42	9.00
781.72	9.00
782.02	9.00
782.32	9.00
782.62	9.00
782.92	9.00
783.22	9.00
783.52	9.00
783.82	9.00
784.12	9.00
784.42	9.00
784.72	9.00
785.02	9.00
785.32	9.00
785.62	9.00
785.92	9.00
786.22	9.00
786.52	9.00
786.82	9.00
787.12	9.00
787.42	9.00
787.72	9.00
788.02	9.00
788.32	9.00
788.62	9.00
788.92	9.00
789.22	9.00
789.52	9.00
789.82	9.00
790.12	9.00
790.42	9.00
790.72	9.00
791.02	9.00
791.32	9.00
791.62	9.00
791.92	9.00
792.22	9.00
792.52	9.00
792.82	9.00
793.12	9.00
793.42	9.00
793.72	9.00
794.02	9.00
794.32	9.00
794.62	9.00
794.92	9.00
795.22	9.00
795.52	9.00
795.82	9.00
796.12	9.00
796.42	9.00
796.72	9.00
797.02	9.00
797.32	9.00
797.62	9.00
797.92	9.00
798.22	9.00
798.52	9.00
798.82	9.00
799.12	9.00
799.42	9.00
799.72	9.00
800.02	9.00

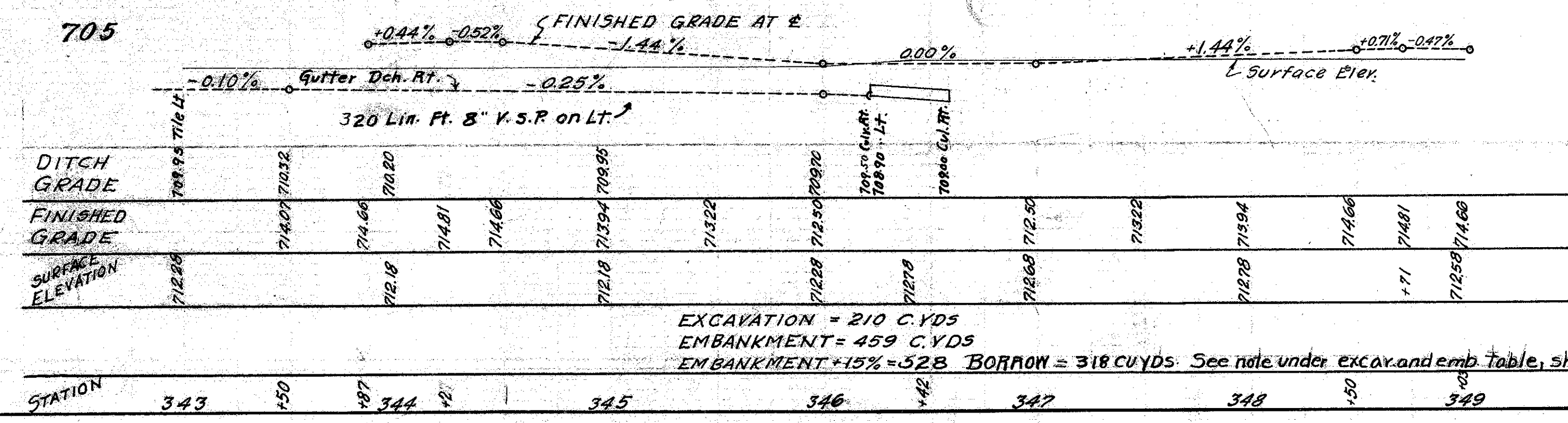
1185 sq. yds. in Sec. Hoytville
120 sq. yds. in Sec. B



B.M. Sta. 346+58
S.E. cor. of E. headwall of cross roads
Elev. 712.72

Note: Pavement for Approaches shall be of same width depth and type as pavement on the main road.

PROFILE OF APPROACHES
STA. 343+87 TO STA. 349+03
SCALE (HOR.) 1"=50'



EXCAVATION = 210 C.YDS
EMBANKMENT = 459 C.YDS
EMBANKMENT + 15% = 528 BORROW = 318 CU.YDS. See note under EXCAV. and emb. table, sheet No. 16.

STATION	343	344	345	346	347	348	349
SURFACE FINISHED DITCH GRADE	712.28	711.83	711.03	711.03	712.23	712.63	712.70
SURFACE GRADE	713.00	713.00	713.00	713.00	713.00	713.00	713.00
DITCH GRADE	709.95	710.05	710.15	710.25	710.35	710.45	710.55
FINISHED GRADE	712.28	711.83	711.03	711.03	712.23	712.63	712.70
SURFACE ELEVATION	712.28	711.83	711.03	711.03	712.23	712.63	712.70

EXCAV. = 288 CU.YDS.
EMB.+15% = 1535 CU.YDS.
BORROW = 1247 CU.YDS. See note under EXCAV. and emb. table, page 16.

EXCAV. = 351 CU.YDS.
EMB.+15% = 289 CU.YDS.
WASTE = 62 CU.YDS. To be placed in fill between last balance points

EXCAV. = 397 CU.YDS.
EMB.+15% = 383 CU.YDS.
WASTE = 14 CU.YDS. To be placed in fill between Stations 343 and 351

343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374

LEFT				RIGHT			
EDGE PAVE.	WIDTH	STATION	GRADE	WIDTH	EDGE PAVE.	STATION	GRADE
711.20	9.00	393+03.57	711.35	9.00	711.20		
711.20	9.10	+28.57	711.35	9.00	711.42		
711.20	9.38	+53.57	711.35	9.00	711.64		
711.20	9.86	+78.57	711.35	9.00	711.85		
711.20	10.56	394+03.57	711.35	9.00	712.07		
711.20	11.22	+28.57	711.35	9.00	712.29		
711.19	11.50	+52.70	711.34	9.00	712.50		
711.18	11.22	+76.66	711.33	9.00	712.27		
711.17	10.56	395+01.66	711.32	9.00	712.04		
711.17	9.86	+26.66	711.32	9.00	711.82		
711.16	9.38	+51.66	711.31	9.00	711.60		
711.15	9.10	+76.66	711.30	9.00	711.37		
711.15	9.00	396+01.66	711.30	9.00	711.15		

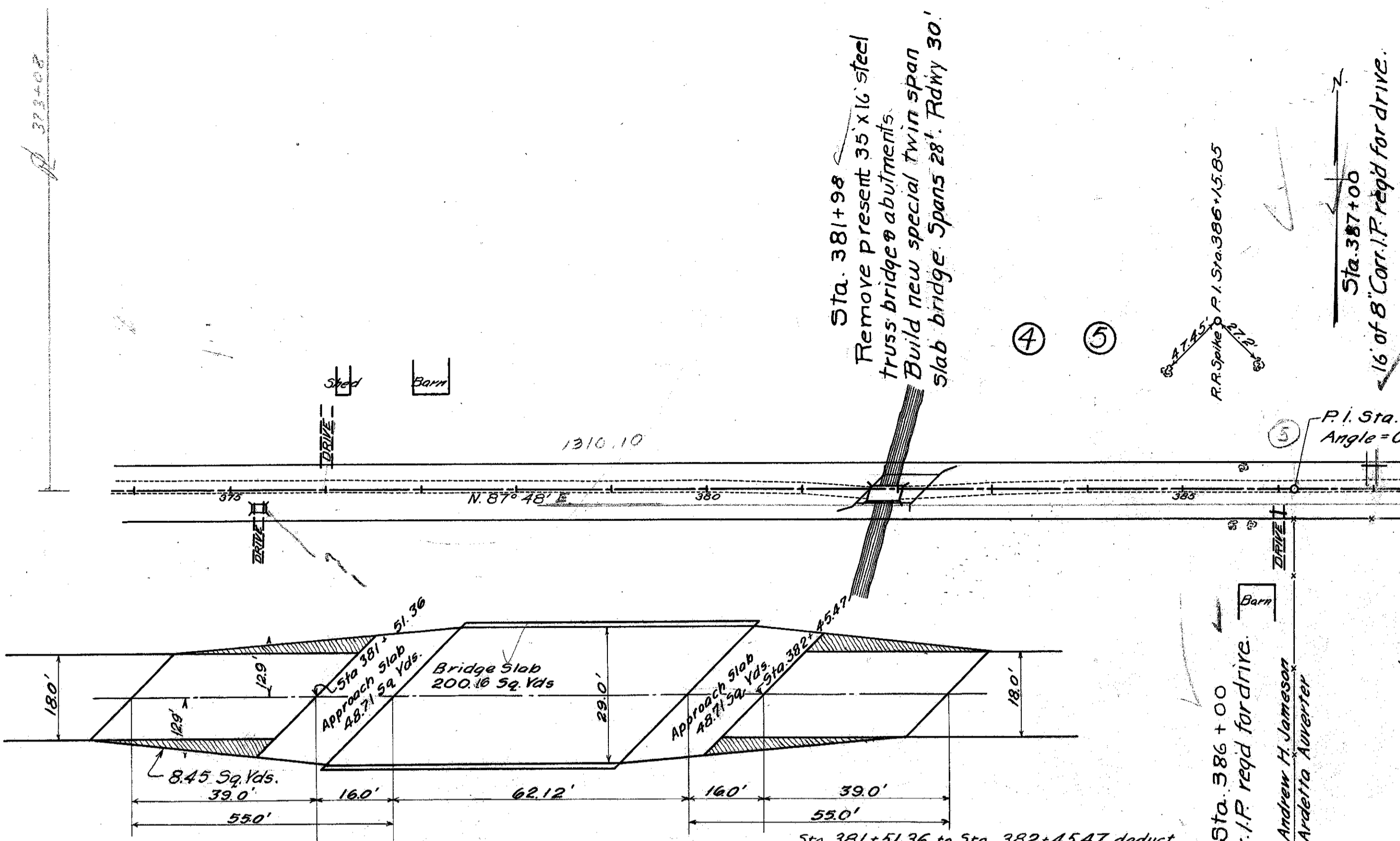
Extra Pavement = 35 Sq. Yds.

$\Delta = 6^{\circ}52'$
 $D = 7^{\circ}$
 $R = 819.02$
 $T = 49.13$
 $L = 98.09$
 $E = 1.47$

LEFT				RIGHT			
EDGE PAVE.	WIDTH	STATION	GRADE	WIDTH	EDGE PAVE.	STATION	GRADE
711.15	9.00	396+01.2	711.30	9.00	711.15		
711.36	9.00	+26.2	711.29	9.10	711.14		
711.57	9.00	+51.2	711.28	9.41	711.13		
711.78	9.00	+76.2	711.28	9.92	711.13		
711.99	9.00	397+01.2	711.27	10.66	711.12		
712.21	9.00	+26.2	711.27	11.34	711.12		
712.42	9.00	397+50.2	711.26	11.61	711.11		
712.19	9.00	+74	711.25	11.34	711.10		
711.96	9.00	397+99	711.24	10.66	711.09		
711.79	9.00	398+24	711.23	9.92	711.08		
711.52	9.00	+49	711.23	9.41	711.08		
711.29	9.00	+74	711.22	9.10	711.07		
711.06	9.00	+99	711.21	9.00	711.06		

Extra Pavement = 37 Sq. Yds.

$\Delta = 7^{\circ}20'$
 $D = 7^{\circ}30'$
 $R = 764.489$
 $T = 48.988$
 $L = 97.77$
 $E = 1.56$



PLAN OF EXTRA WIDENING BRIDGE STA. 381+98
Extra pavement = 33.85 Sq. Yds.

B.M. Sta. 377+00
Bottom 4" air hole in foundation of barn N.
E.I. = 710.92

Sta. 381+51.36 to Sta. 382+45.47 deduct 198.7 sq. yds. for base course of type M(B) and 188.24 sq. yds. for type C.
Type M(B) Top course continuous over bridge. Add 109.36 sq. yds. for extra wearing surface.
Type C wearing course to be 4" 1:5 mix concrete over bridge slab only. Approach slab to be built to top of pavement.

Sta. 386+00
16" of 8" Corr. I.P. req'd for drive.
Andrew H. Jameson
Audrey A. Auverter

PLAN OF EXTRA PAVEMENT WIDENING BRIDGE STA. 399+14
Extra pavement = 34.3 Sq. Yds.

Sta. 398+96.87 to 399+31.2 deduct 72.48 sq. yds. for 2 base courses of type M(B) and 68.67 sq. yds. for type C.
Type M(B) top course continuous over bridge. Add 40.5 sq. yds. for extra wearing surface.
Type C wearing course 4" 1:5 mix. over bridge slab only. App. slab built to top of pavement.

B.M. Sta. 399+20
S. pt. of S.E. wing of bridge
E.I. = 711.06

