

FED. RD. DIST. NO.	STATE	PROJECT	FISCAL YEAR
10	OHIO		1939

S.H. 317 SEC. B (PT.) HENRY COUNTY

STATE OF OHIO DEPARTMENT OF HIGHWAYS

OTTAWA NAPOLEON ROAD

S.H. N^o 317 SEC. B (PT.) HENRY COUNTY

MARION & MONROE TOWNSHIPS

NET LENGTH OF PROJECT = 5414.31 LIN. FT. OR 1.025 MILES

CONVENTIONAL SIGNS

STATE LINE	-----
COUNTY LINE	-----
TOWNSHIP LINE	-----
SECTION LINE	-----
CENTER LINE	-----
PROPERTY LINE	-----
CITY OR VILLAGE LINE	-----
FENCE LINE	-x-x-x-
STEAM RAILROAD	===== =====
ELECTRIC RAILROAD	----- -----
POLE LINE	o-o-o-o
GUARD RAIL	o-o-o-o
DRAIN PIPE, NEW	-----
DRAIN PIPE, OLD	-----

INDEX OF SHEETS

TITLE SHEET	1
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CURVE TABLES	12
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JOINT DETAILS	2-A, 2-B & 2-C

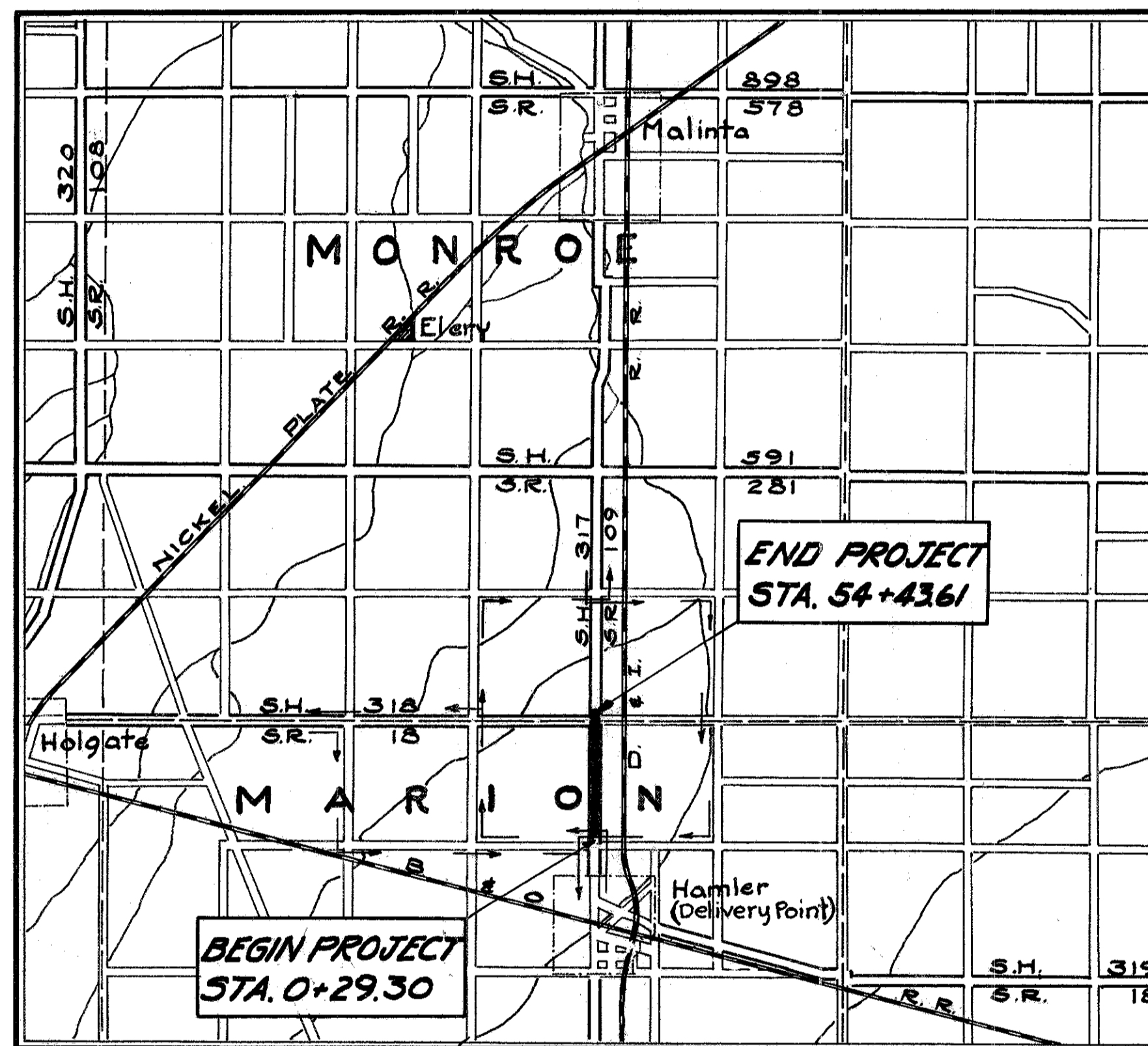
LINE DATA

Beginning of Project	~ Sta 0+29.30
End of Project	~ Sta. 54+43.61
Gross Length of Project	5414.31 Lin. Ft.
Additions	~ None
Deductions	~ None
Net Length of Project	5414.31 Lin. Ft. or 1.025 Miles.

SUPPLEMENTAL PRINTS OF STANDARD CONST. DWGS.	
DRAWING N ^o	DATE
E-5 N ^o 1	8-1-38
B-7-71-R	3-28-39
S-21-PC-2	3-1-39
S-27-PC-3	3-1-39
I-8-CB-1-2 & 22	3-12-39
I-1, 2, 3, 4, 5	3-1-39
G-707	10-33
T-70-71-E	10-33
B-7-71-E	10-33
B-7-70-71-E	10-33
B-7-50-70-71-E	10-33

SUPPLEMENTAL SPECIFICATIONS

M-110.11 (Rev. 9-16-36)
M-110.12 (Rev. 4-1-39)
M-110.13 (Rev. 4-15-39)



LOCATION PLAN

Scale of Miles

PORTION TO BE IMPROVED
 DETOURS SHOWN THUS
 STATE HIGHWAYS
 IMPROVED COUNTY ROADS
 UNIMPROVED COUNTY ROADS

SCALES

PLAN 1" = 100'
 PROFILE - VERTICAL 1" = 5'
 PROFILE - HORIZONTAL 1" = 100'
 CROSS SECTIONS 1" = 5'

Note: Additions to this plan shown in red were made August 11, 1939

The Standard Specifications of the State of Ohio Department of Highways including changes and Supplemental Specifications listed in the proposal shall 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 plans and estimates

The Right of Way necessary for this improvement will be provided by the State of Ohio.

Approved _____
Date _____ Resident District Deputy Director

Approved J. E. Adams P.E. 447
Date 6-24-39 Resident Division Deputy Director

Approved _____
Date _____ Chief Engineer, Bureau of Maintenance

Approved _____
Date _____ Chief Engineer, Bureau of Bridges

Approved J. H. Blaque P.E. 25
Date 7-8-39 Chief Engineer, Location and Right of Way

Approved R. J. Thomas
Date 7-8-39 First Asst. Director and Chief Engineer

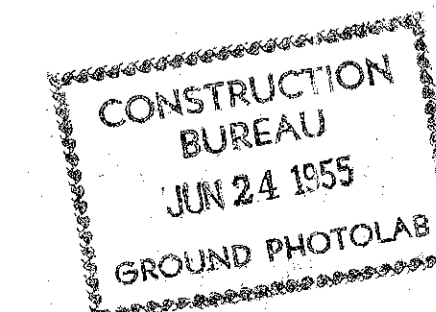
Approved W. C. Benfield
Date 7-8-39 Director of Highways

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.

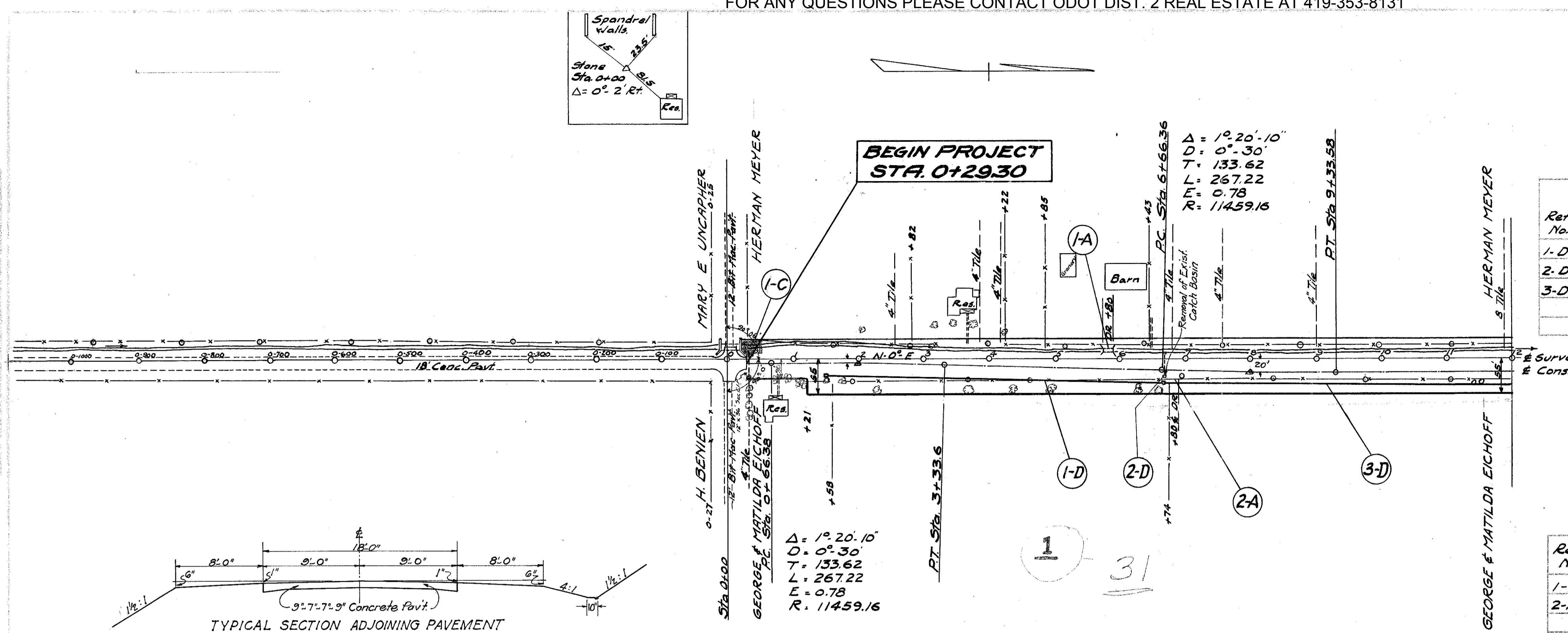
FILE NO	HENRY - 317 B (PT.)
DATE OF LETTING	_____
CONTRACT NO.	_____



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**HENRY COUNTY
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ROADWAY DRAINAGE "D"

Ref. No.	Station		Side	Lin. Ft. Pipe for Roadway Drainage		Class C Concrete for Drains under Drives	Strid No. Cu. Yds. Each	Removal of existing Basins C. B. s	Remarks
	From	To		6"	8"				
1-D	1+50	6+68	R	517			1		Strid No. 1-2 C.B. at Sta. 1+50
2-D	6+68		R&L				.05	1	
3-D	6+68	12+00	R	510	21		1		Strid No. 1-2 C.B. at Sta. 6+68 Pipe at Dr. Sta. 6+80
TOTALS				517	510	21	.05	2	1

STRUCTURES "C"

Ref. No.	Station	Type	Size	See Detail on Sheet No.
1-C	0+29.3	Pipe Culvert	12' x 6'	13

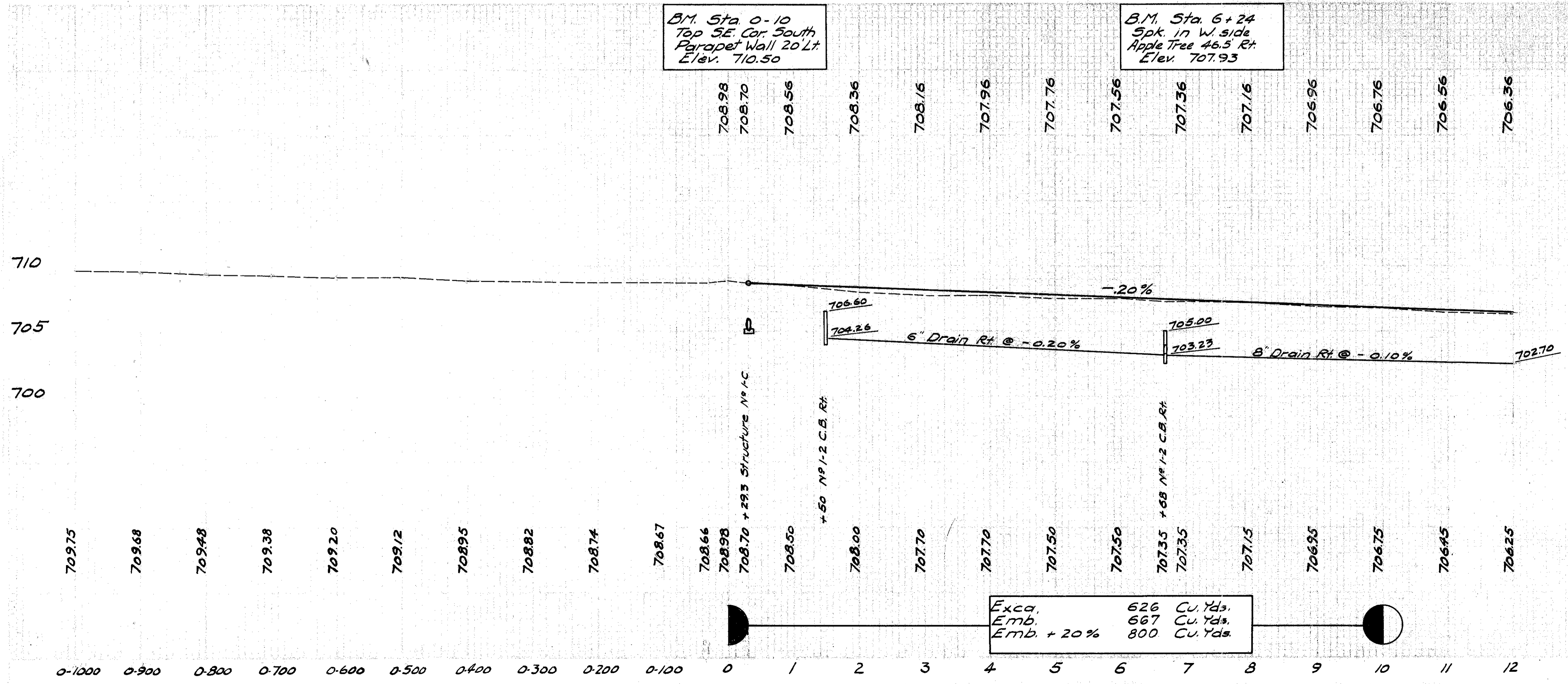
SIDE APPROACHES "A"

Ref. No.	Station	Side	Aggregate Cu. Yds.	Remarks
1-A	5+80	L.	4	
2-A	6+80	R.	4	
TOTALS			8	

MAIL BOXES "M"

Ref. No.	Station	Side	Aggregate for Mail Box Approach Cu. Yds.
1-M	3+62	R	4
TOTALS			4

Note: See Sheet 11 for details of side and mail box approaches.



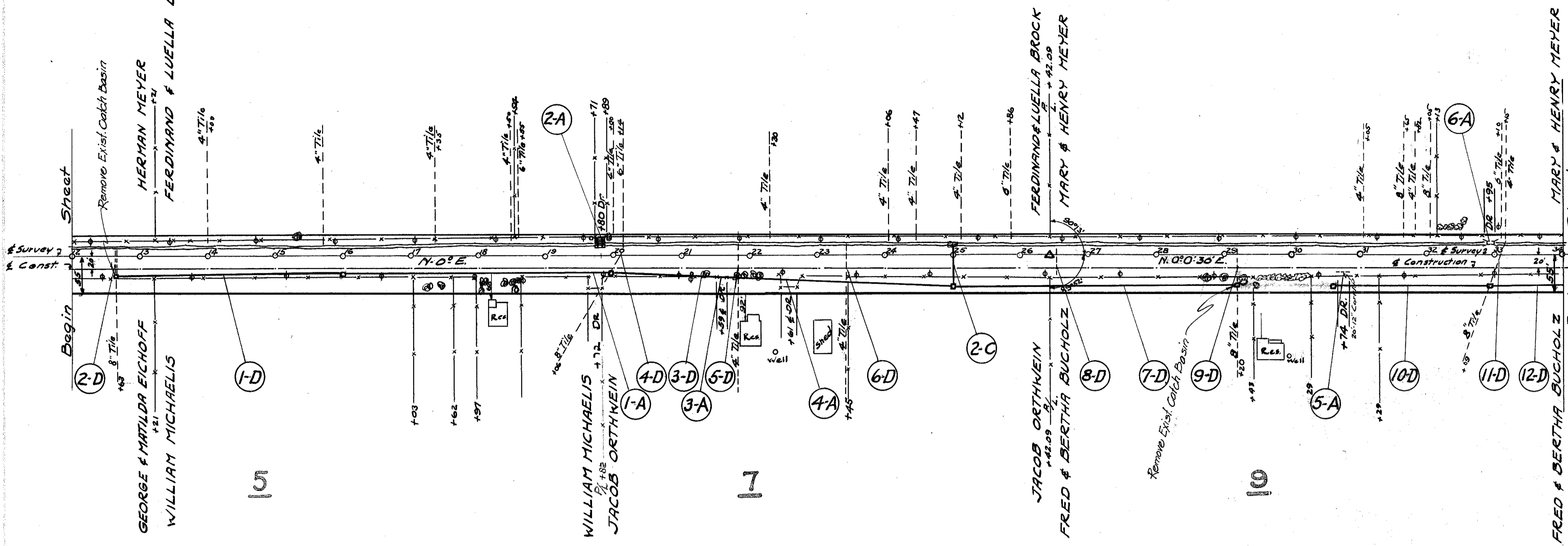
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**HENRY COUNTY
S.H.317-SEC. B (PT.)**

ROADWAY DRAINAGE "D"

Ref No	Station	Side	Lin. Ft. of Pipe for Roadway Drainage				Lin. Ft. Pipe for Drainage under Drives			Class "C" Concrete for Sealing Pipe Ends	Str. No. 1/2 Catch Basins	Removal of existing C.B.s	Remarks
			6"	8"	10"	12"	6"	10"	12"				
1-D	12+00	16+00	R.	62	335						2	No. 1-2 Catch Basin at Sta 12+63 & 16+00	
2-D	12+63		R+L						.03		1	Pipe at Drives	
3-D	16+00	25+00	R.			833		63			1	No. 1-2 C.B. Sta 19+90	
4-D	20+05		R+L						.03				
5-D	21+81		R+L						.01				
6-D	23+44		R+L						.01				
7-D	25+00	29+20	R.	418							1	No. 1-2 C.B. at Sta. 29+20	
8-D	26+52		R+L						.02				
9-D	29+20		R+L						.05		1		
10-D	30+60	33+00	R.	217				21			1	Pipe at Drive No. 1-2 C.B. Sta 30+60	
11-D	33+09		R+L						.03				
12-D	33+00	34+00	R.	99							1	No. 1-2 C.B. at Sta 33+00	
TOTALS				217	579	335	833	21	63	.18	6	2	



STRUCTURES "C"

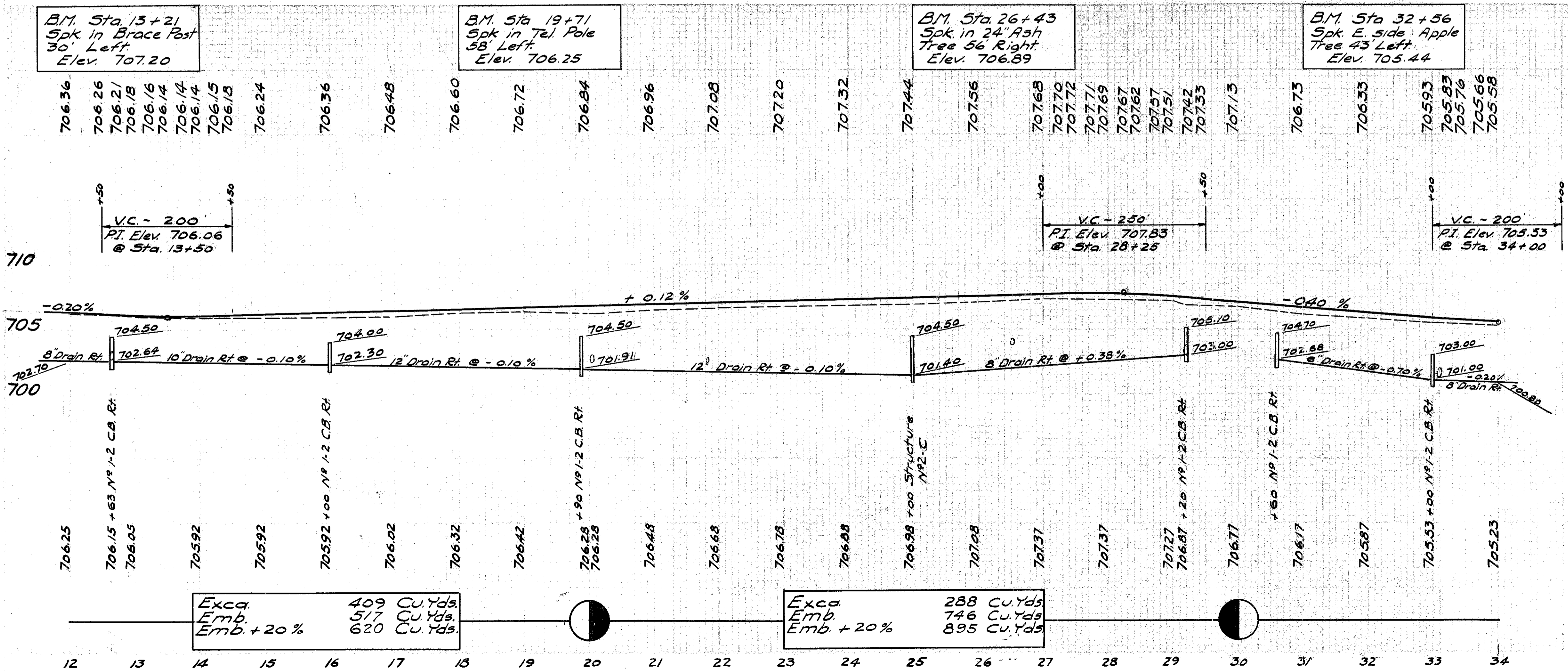
Ref No.	Station	Type	Size	See Detail on Sheet No.
2-C	25+00	Pipe Culvert	15" x 62'	13

SIDE APPROACHES "A"

Ref No.	Station	Side	Aggregate Cu.Yds.	12" Pipe Removed & Stored Lin. Ft.	Remarks
1-A	19+72	R	4		
2-A	19+80	L	4		
3-A	21+59	R	4		
4-A	22+61	R	4		
5-A	30+74	R	4	20	
6-A	32+95	L	4		
TOTALS			24	20	

MAIL BOXES "M"

Ref No.	Station	Side	Aggregate for Mail Box App. Cu.Yds.
1-M	18+13	R	4
2-M	19+90	R	4
3-M	22+17	R	4
4-M	29+85	R	4
5-M	32+95	R	4
TOTAL			20



Exca. 409 Cu.Yds.
Emb. 517 Cu.Yds.
Emb. + 20% 620 Cu.Yds.

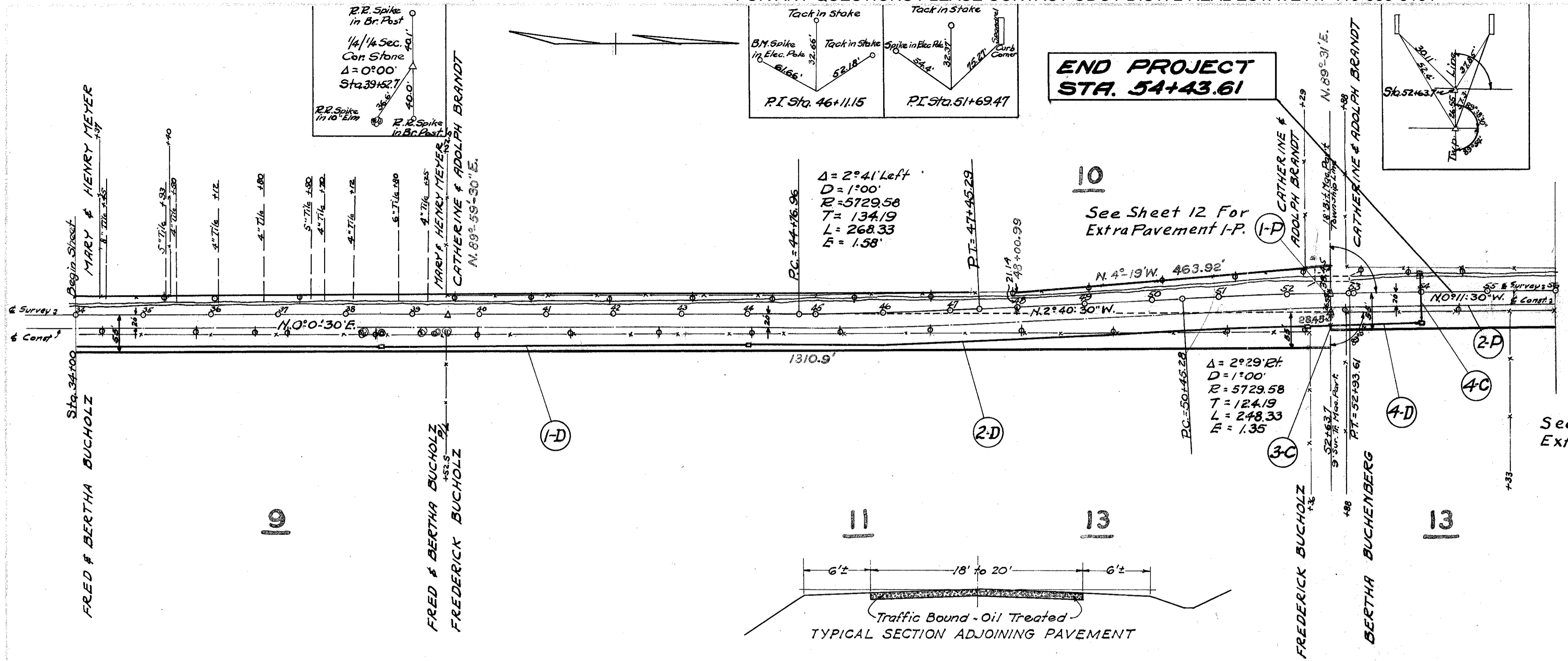
Exca. 288 Cu.Yds.
Emb. 746 Cu.Yds.
Emb. + 20% 895 Cu.Yds.

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**END PROJECT
STA. 54+43.61**



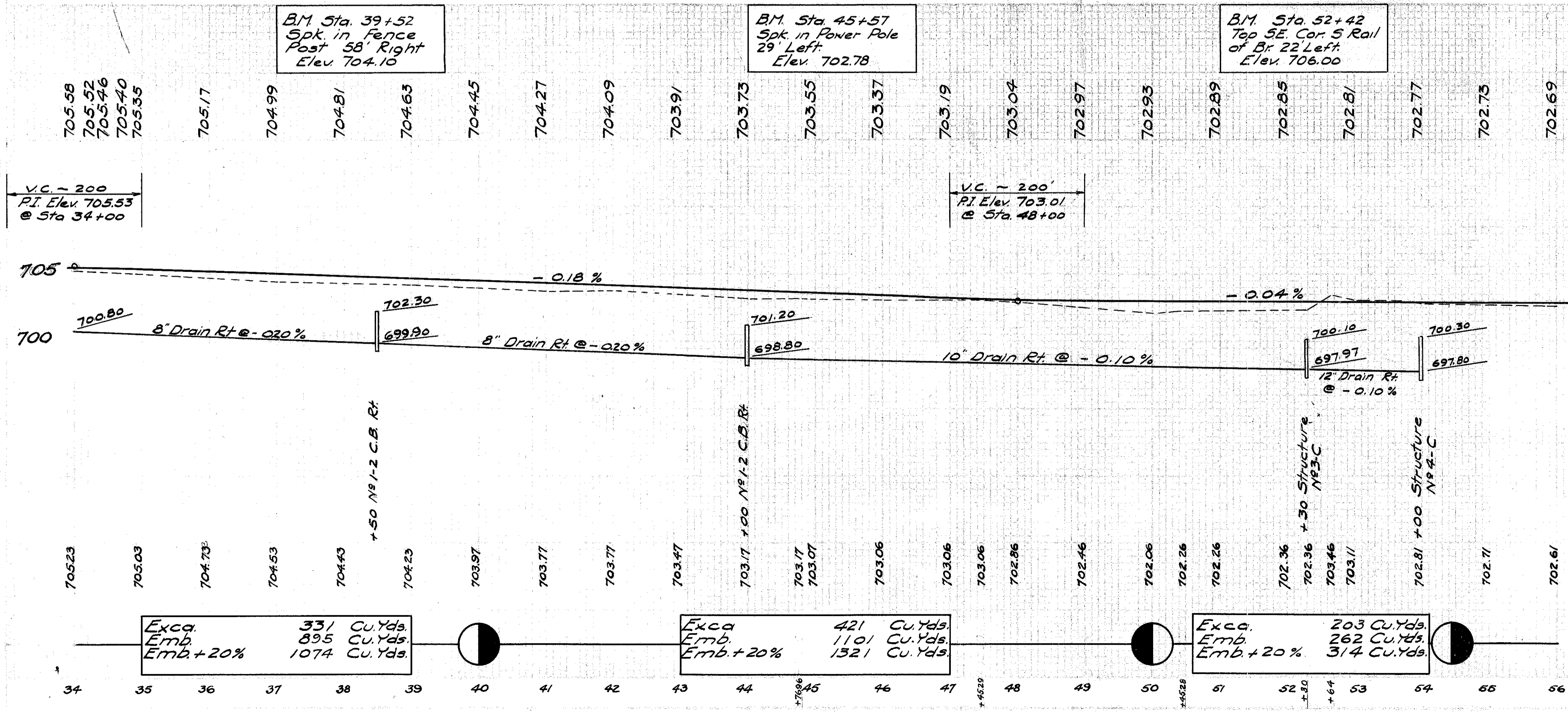
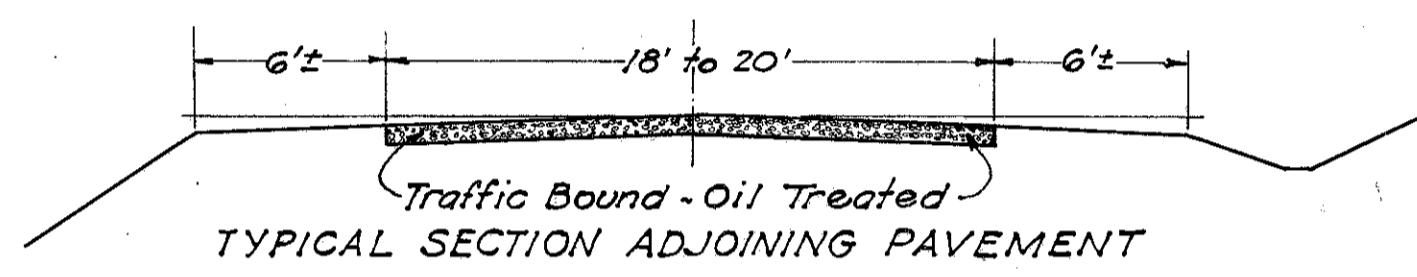
ROADWAY DRAINAGE "D"

Ref. No.	Station		Side	Lin. Ft. of Pipe for Roadway Drainage.			Class "C" Concrete for Sealing Pipe Ends Cu. Yds.	Strid. No. 1-2 Catch Basins Each	Remarks
	From	To		8"	10"	12"			
1-D	34+00	44+00	R.	997				1	Strid. No. 1-2 C.B. at Sta. 38+50
2-D	44+00	52+30	R.		828			1	Strid. No. 1-2 C.B. at Sta. 44+00
3-D	48+86		R/L				.05		
4-D	52+97	54+00	R.			102			
TOTALS				997	828	102	.05	2	

See Sheet 12 For Extra Pavement 2-P

STRUCTURES "C"

Ref. No.	Station	Type	Size	See Detail on Sheet No.
3-C	52+64	Pipe Culvert	12" x 66"	13
4-C	54+00	Pipe Culvert	12" x 68"	13



Exca. 331 Cu. Yds.
Emb. 895 Cu. Yds.
Emb. + 20% 1074 Cu. Yds.

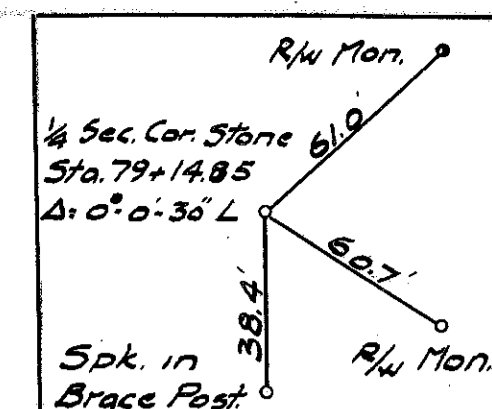
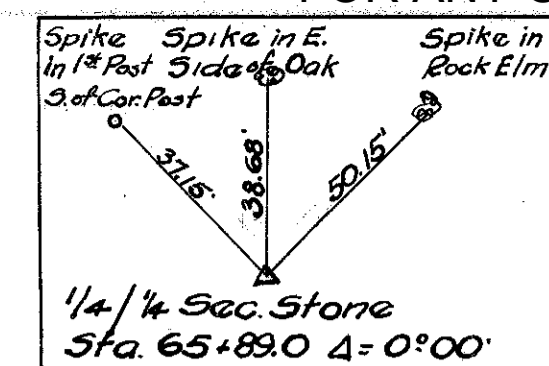
Exca. 421 Cu. Yds.
Emb. 1101 Cu. Yds.
Emb. + 20% 1321 Cu. Yds.

Exca. 203 Cu. Yds.
Emb. 262 Cu. Yds.
Emb. + 20% 314 Cu. Yds.

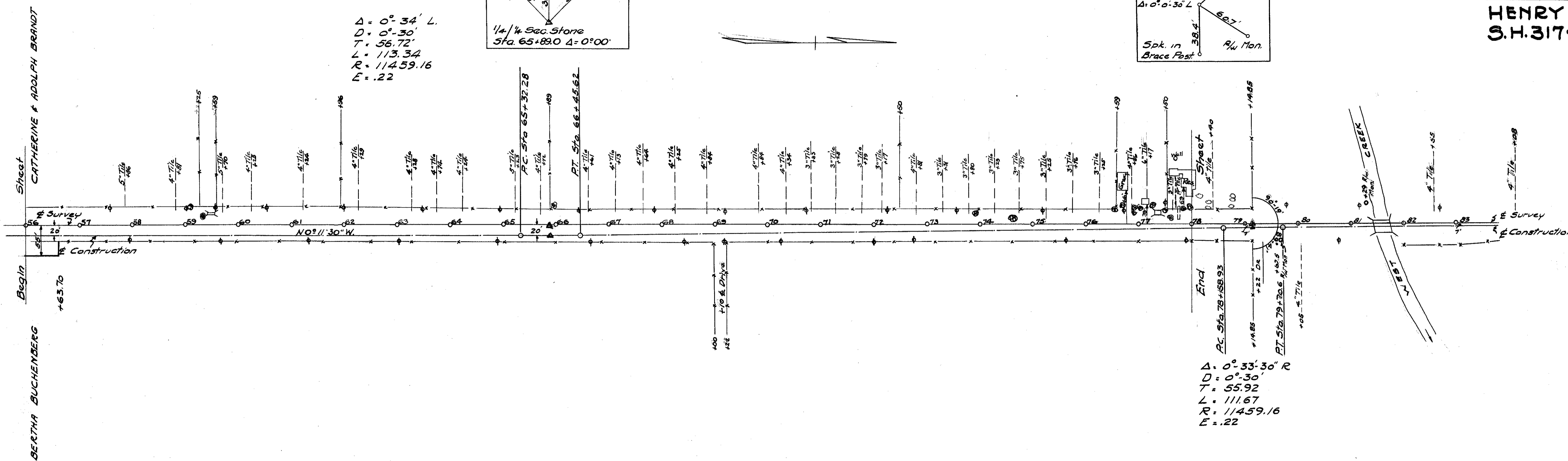
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Δ = 0° 34' L.
D = 0° 30'
T = 56.72'
L = 113.34
R = 114.59.16
E = .22



Δ = 0° 53' 30" R
D = 0° 30'
T = 55.92
L = 111.67
R = 114.59.16
E = .22

B.M. Sta. 59+25
Spike in 18" Catalpa
90' Left of E
Elev. 702.29

B.M. Sta. 65+92
Spike in W. Side of
20" Oak 38' Left of E
Elev. 702.48

B.M. Sta. 72+25
Spike in Elec. Pole
28' Left of E
Elev. 702.91

B.M. Sta. 77+50
Spike in Elec. Pole
40' Left of E
Elev. 702.11

705

700

702.36 702.26 702.06 701.76 701.86 702.06 702.26 702.56 702.64 702.64 702.44 702.34 702.24 702.34 702.34 702.14 702.14 702.04 701.94 701.84 701.40

56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78