

STATE OF OHIO  
DEPARTMENT OF HIGHWAYS

DU-557(7)  
DU-1018(6)

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO	DU-557(7) DU-1018(6)	

HEN-108-(14.98-15.48)  
HEN-6-(11.56-12.15)

# HEN-108-(14.98-15.48)

# HEN-6-(11.56-12.15)

NAPOLEON TOWNSHIP  
CITY OF NAPOLEON  
HENRY COUNTY

### CONVENTIONAL SIGNS

State Line	-----
County Line	-----
Township Line	-----
Section Line	-----
Center Line	-----
Corporation Line	-----
Fence Line	-----
Guard Rail (existing)	-----
Guard Rail (proposed)	-----
Steam Railroad	-----
Power Poles	-----
Telephone Poles	-----
Trees or Stumps (existing)	-----
Trees or Stumps (to be removed)	-----

### INDEX OF SHEETS

Title Sheet	1
Typical Sections	2
Notes & General Summary	3
Plan & Profile	4-8

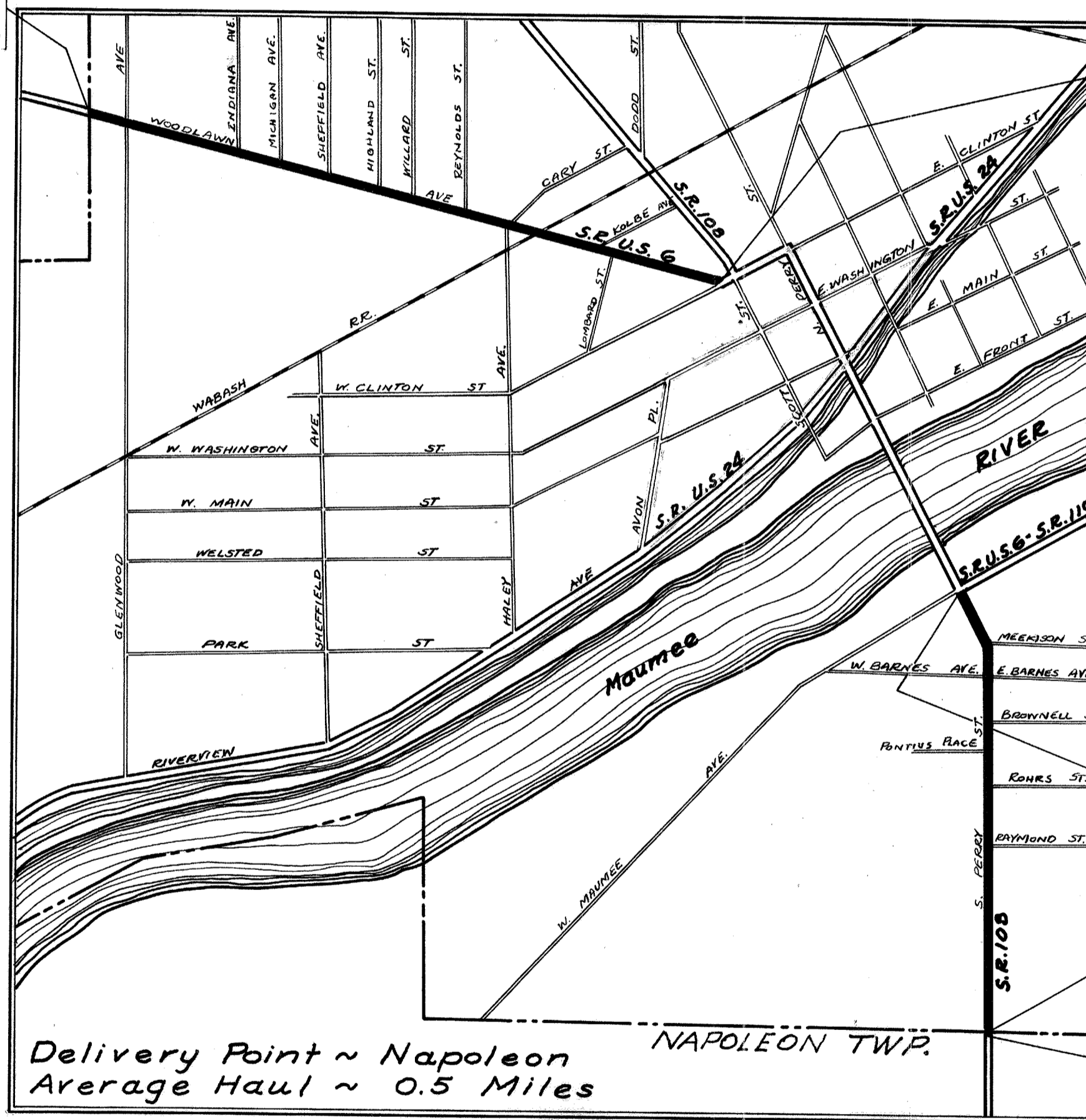
### LINE DATA

HEN-108-(14.98-15.48) DU-557(7)  
 Begin Work Sta. 790+55.5  
 Begin Project Sta. 790+94.4  
 End Work & Project Sta. 821+30  
 Net Length of Work = 3074.5 Lin. ft. or 0.582 Miles  
 Net Length of Project = 3035.6 Lin. ft. or 0.574 Miles

HEN-6-(11.56-12.15) DU-1018(6)  
 Begin Work & Project Sta. 610+36.8  
 End Work & Project Sta. 654+10  
 Gross Length of Work & Project-4373.2 Lin. ft. or 0.828 Miles  
 Deduct for R.R. Tracks 32.9 Lin. ft.  
 Net Length of Work & Project-4340.3 Lin. ft. or 0.822 Miles

Total Length of Project, 3035.6+4340.3=7375.9 Lin. Ft. or 1.396 Miles  
 Total Length of Work, 3074.5+4340.3=7414.8 Lin. Ft. or 1.404 Miles

Begin Work & Project Sta. 610+36.8



End Work & Project Sta. 654+10

End Work & Project Sta. 821+30

Begin Project Sta. 790+94.4

Begin Work Sta. 790+55.5

LOCATION MAP  
SCALE OF MILES

Portion to be improved  
State Roads  
Other Roads

The standard specifications of the State of Ohio, Department of Highways, including changes and supplemental specifications listed in the proposal shall govern this improvement. The right of way for this improvement will be provided by the State of Ohio.

I hereby approve these plans and declare that the making of this improvement will not require the closing to traffic of the highway and that provisions for the maintenance and safety of traffic will be as set forth on these plans and estimates.

Approved L.C. Roush  
Date 5/14/58 Division Deputy Director

Approved C.H. Mahoney  
Date 6-18-58 Deputy Director of Planning & Programming

Approved \_\_\_\_\_  
Date \_\_\_\_\_ Engineer of Bridges

Approved P.E. Shultz  
Date 6-12-58 Engineer of Location & Design

Approved P.E. Mashiter  
Date 6-13-58 Deputy Director of Design & Construction

Approved \_\_\_\_\_  
Date \_\_\_\_\_ First Assistant Director

Approved Wm. J. Shroyer  
Date 4/18/58 Acting Director of Highways

Approved \_\_\_\_\_  
Date \_\_\_\_\_ City Manager, City of Napoleon

Approved \_\_\_\_\_  
Date \_\_\_\_\_ Service Director, City of Napoleon

Project location of I.B. items reversed on General Summary.  
Sheet 3 Revised 8-8-58

FILE NO.	HENRY COUNTY	HEN-108-(1498-15.48)
		HEN-6-(11.56-12.15)
	DATE OF LETTING	
	CONTRACT NO.	

STANDARD DRAWINGS	
T-35	1-2-56

SUPPLEMENTAL SPECIFICATION	

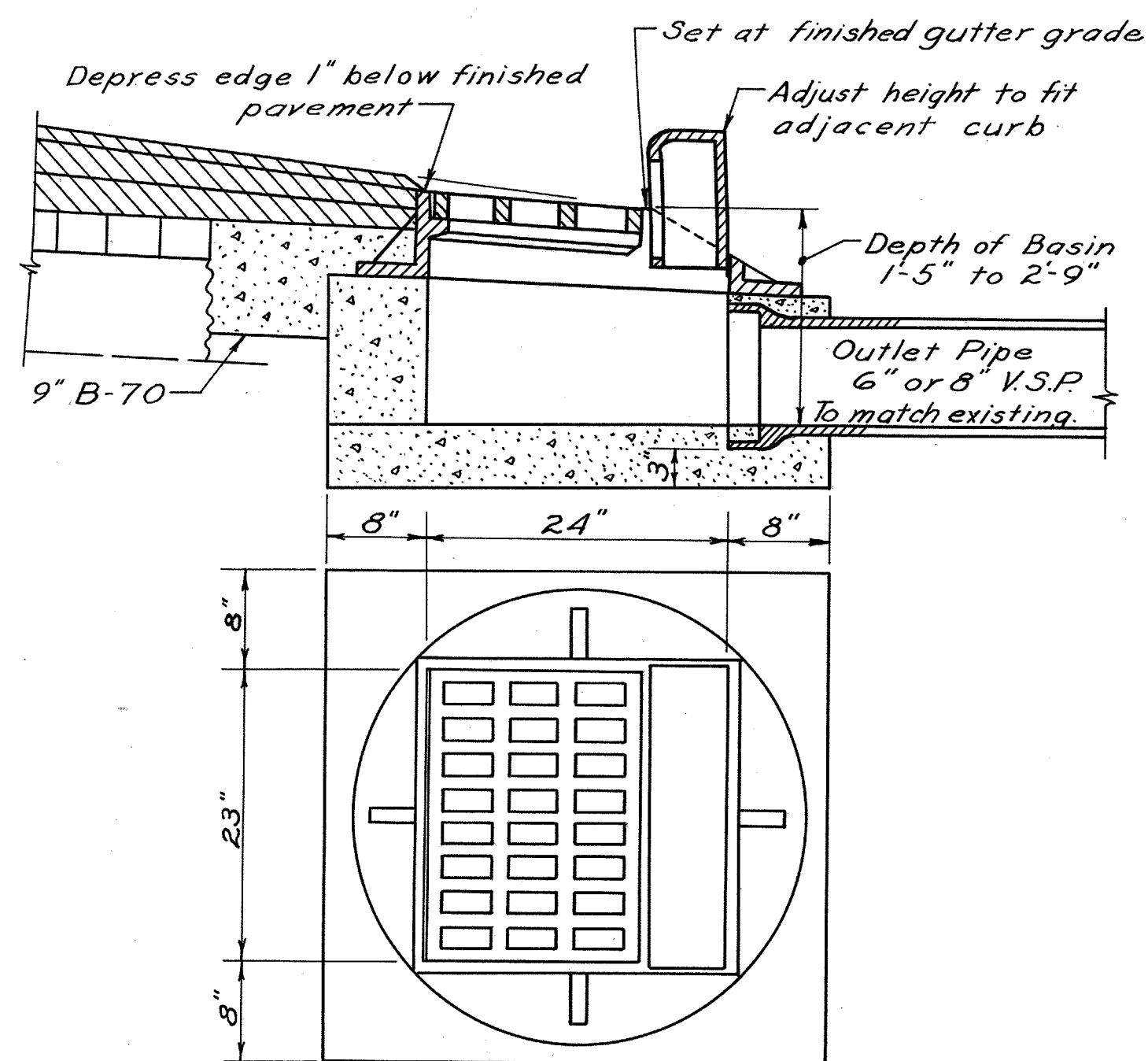
APR 20 1961  
GROUND PHOTOLA

DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS  
APPROVED:  
\_\_\_\_\_  
DIVISION ENGINEER  
\_\_\_\_\_  
DATE

HEN-6-(11.56-12.15)  
HEN-108-(14.98-15.48)

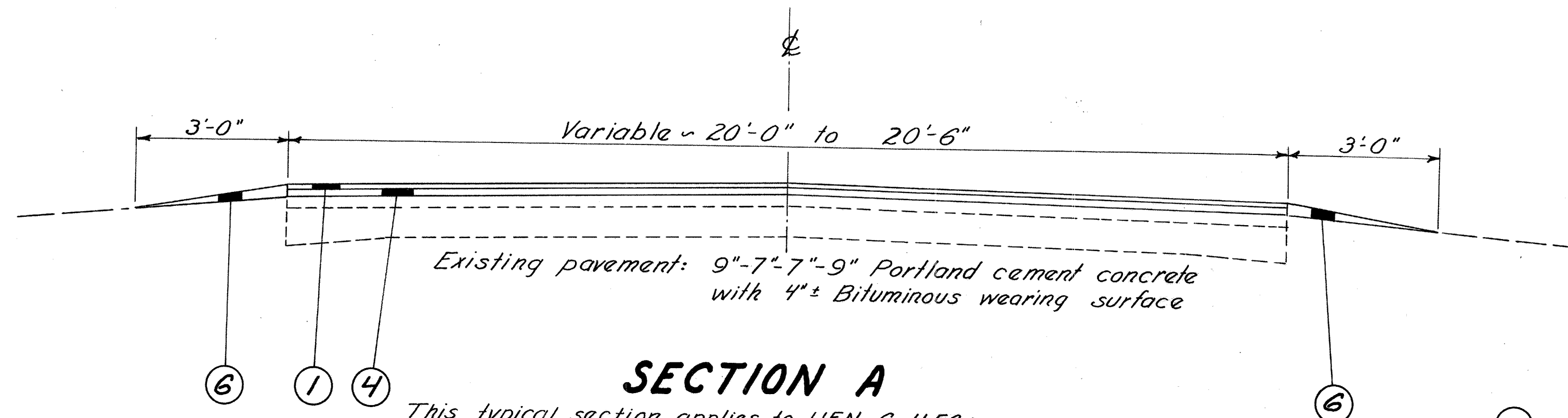
# TYPICAL SECTIONS

## T-35



**CATCH BASIN DETAIL**  
Scale: 1" = 1'-0"

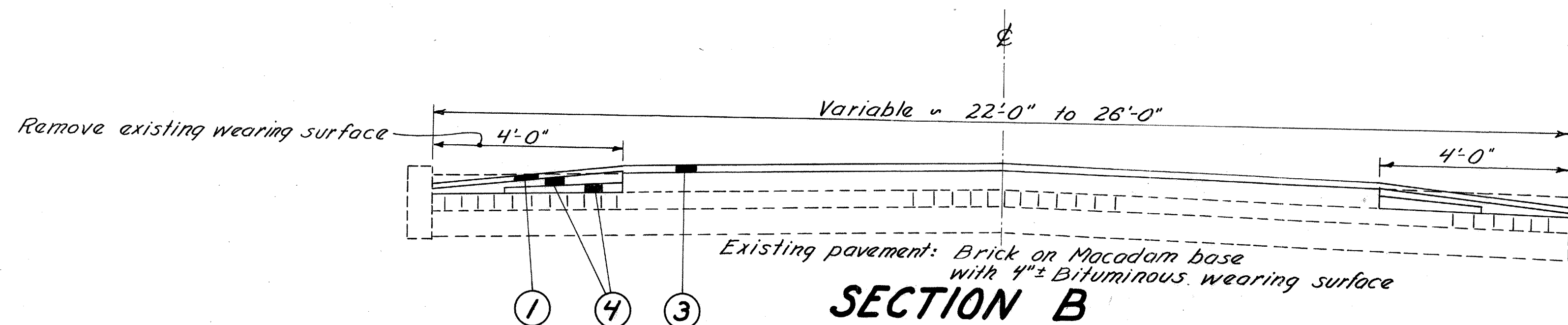
CASTINGS shall be Neenah Foundry Co., No. R-3151 or equal. CONCRETE shall be Class "C". BRICK sidewalls, when used, shall be 8" thick. The price bid for Item I-8 Catch Basins as per Plan, shall include the cost of the following:  
All curb, pavement and sidewalk removal and replacement required. The removal and disposal of the existing inlet. Pipe if needed to connect catch basin to existing sewer outlet. The furnishing of all material and labor necessary to complete the item.



### SECTION A

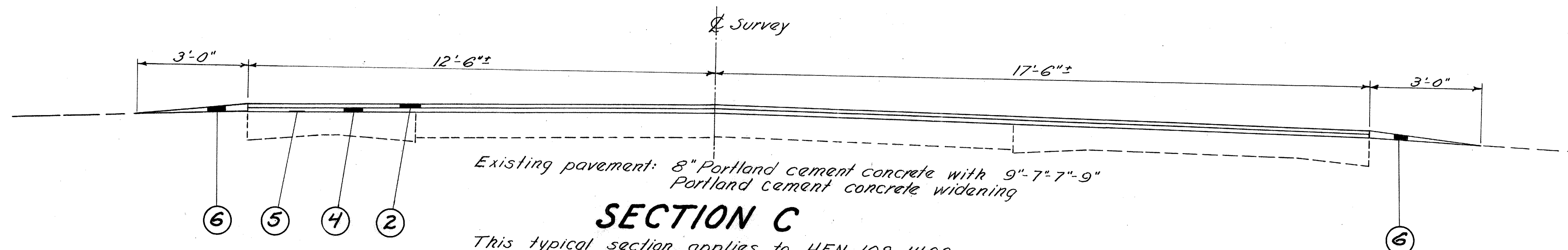
This typical section applies to HEN-6-11.56:  
From Station 610+61.8 to 614+50 = 388.2 Lin. Ft.  
617+00 to 626+57 = 957.0 Lin. Ft.

- ① T-35 - 1" Asphaltic concrete surface course - Type C (70-85)
- ② T-35 - 1 1/2" Asphaltic concrete surface course - Type C (70-85)
- ③ T-35 - 1 1/2" Minimum-Asphaltic concrete surface course - Type C (70-85)
- ④ B-35 - 1 1/2" Minimum-Asphaltic concrete leveling course (70-85)
- ⑤ T-30 Bituminous tack coat, Sec. M-5.5 MS-2 or RS-1 or Sec. M-5.2 RC-1 or RC-2 applied at the rate of 0.10 gal. per sq. yd., as per Sec. T-30.02
- ⑥ I-18 Stabilized Crushed Aggregate Shoulders - 3" to 0" Thick



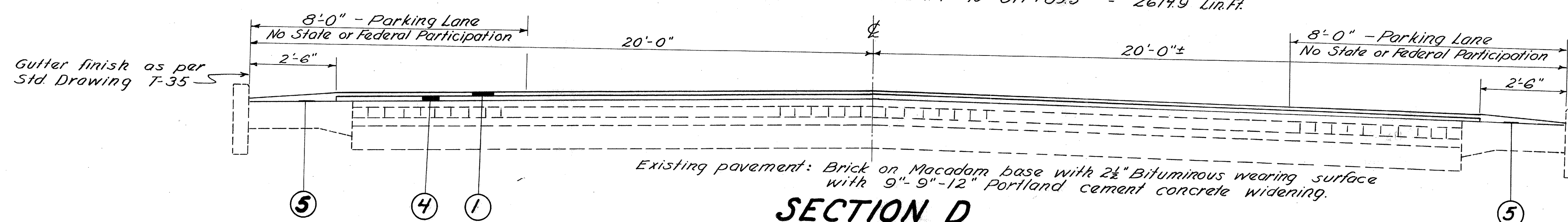
### SECTION B

This typical section applies to HEN-6-11.56:  
From Station 627+32 to 633+97 = 665.0 Lin. Ft.  
634+85 to 641+56.7 = 671.7 Lin. Ft.  
642+19.6 to 653+93.5 = 1173.9 Lin. Ft.



### SECTION C

This typical section applies to HEN-108-14.98:  
From Station 790+94.4 to 817+09.3 = 2614.9 Lin. Ft.



### SECTION D

This typical section applies to HEN-108-14.98:  
From Station 817+63 to 821+05 = 342.0 Lin. Ft.

A. D. T. (1956)  
HEN-108 - {2980 Total  
210 B&C  
HEN-6 - {3080 Total  
21000 B&C



# GENERAL NOTES

## MAINTENANCE OF TRAFFIC

Traffic shall be maintained at all times. The length of one way traffic zones shall be kept to a minimum consistent with the specification requirements for Protection of Wearing Course.

## PROFILE

The profile of the proposed surface course shall be approximately 1 1/2 to 3" above that of the existing pavements as indicated on the typical sections.

## UTILITIES

All work required to adjust all gas, telephone, water or other services to conform to the new grade shall be completed by the utilities in question.

## UTILITY OWNERSHIP

Water - City of Napoleon, W. Main St., Napoleon, Ohio  
 Gas - Ohio Gas Co., Perry St., Napoleon, Ohio  
 Telephone - Northwestern Telephone Service Co., E. Clinton St., Napoleon, Ohio  
 Electric - Toledo Edison Co., Defiance, Ohio  
 Napoleon Light and Power Co., Napoleon, Ohio

## FILLING MAJOR DEPRESSIONS

Major depressions in existing pavement shall be filled and compacted with Asphaltic Concrete Leveling material in advance of placing the regular leveling course. These depression shall be filled in layers not to exceed 3 inches in depth when compacted.

## REPAIRING EXISTING WEARING SURFACE

On HEN-6, certain portions of the existing wearing surface are in extremely poor condition due to displacement. It will be necessary to remove this material and replace it with Asphaltic Concrete Leveling material. The areas to be removed and replaced are indicated on the plan. These areas shall be filled in layers not to exceed 3 inches in depth when compacted.

## CONTROL POINTS

Before construction operations begin, the Engineer will reference all monuments, railroad spikes, etc. in the survey line, and re-establish them after the new pavement is in place.

## CATCH BASIN DETAIL

For details of Catch Basin, As per Plan, see sheet 2.

## ITEM I-18 (WEDGE COURSE ON EXISTING SHOULDERS)

Compaction of subgrade required by Sect. I-18.03 is hereby waived on this project.

## PAVEMENT CALCULATIONS

### T-35 ASPHALTIC CONCRETE SURFACE COURSE

**HEN-6 CODE 6706**  
 610+61.8 to 614+50  $-388.2 \times 20 \times 1 \div 9 \times 36 = 24.0$  cu.yds.  
 617+00 to 626+57  $957 \times 20.5 \times 1 \div 9 \times 36 = 60.6$  cu.yds.  
 Extra pavement = 32.5 cu.yds.  
 Drives and approaches = 4.9 cu.yds.  
**Total = 122.0 cu.yds.**  
**USE - 122 cu.yds.**

**HEN-6 CODE 6805**  
 627+32 to 633+97  $665 \times 14.1 \times 1 \div 9 \times 36 = 43.4$  cu.yds.  
 $665 \times 8 \times 1 \div 9 \times 36 = 16.4$  cu.yds.  
 634+85 to 639+80  $495 \times 16.5 \times 1 \div 9 \times 36 = 37.8$  cu.yds.  
 $495 \times 8 \times 1 \div 9 \times 36 = 12.2$  cu.yds.  
 639+80 to 641+56.7  $176.7 \times 18.8 \times 1 \div 9 \times 36 = 15.4$  cu.yds.  
 $176.7 \times 8 \times 1 \div 9 \times 36 = 4.4$  cu.yds.  
 642+19.6 to 653+93.5  $1173.9 \times 18.5 \times 1 \div 9 \times 36 = 100.5$  cu.yds.  
 $1173.9 \times 8 \times 1 \div 9 \times 36 = 29.0$  cu.yds.  
 Extra pavement = 21.9 cu.yds.  
**Total = 281.0 cu.yds.**  
**USE - 281 cu.yds.**

**HEN-108 CODE 6706**  
 790+94.4 to 817+09.3  $2614.9 \times 30 \times 1 \div 9 \times 36 = 363.2$  cu.yds.  
 Extra pavement = 46.5 cu.yds.  
 Drives and approaches = 7.2 cu.yds.  
**Total = 416.9 cu.yds.**  
**USE - 417 cu.yds.**

**HEN-108 CODE 6805**  
 817+63 to 821+05  $342 \times 24 \times 1 \div 9 \times 36 = 25.3$  cu.yds.  
 Extra pavement = 3.9 cu.yds.  
 Drives and approaches = 1.1 cu.yds.  
**Total = 30.3 cu.yds.**  
**USE 30 cu.yds.**

**HEN-108 PARKING LANES - NO STATE OR FEDERAL PARTICIPATION**  
 817+63 to 821+05  $342 \times 11 \times 1 \div 9 \times 36 = 11.6$  cu.yds.  
 $342 \times 5 \times 1 \div 9 \times 36 = 9.2$  cu.yds.  
**Total = 20.8 cu.yds.**  
**USE - 21 cu.yds.**

Item	DU-1018(6)		DU-557(7)		100% City of Napoleon	Total	Unit	Description	TOTAL DU-1018(6)	TOTAL DU-557(7)
	Code 6706	Code 6805	Code 6706	Code 6805						
<b>ROADWAY</b>										
E-8		6	38	38		82	Sq.Yds.	Removal and Disposal of Existing Pavement	6	76
E-8	701	2456		63		3220	Sq.Yds.	Removal and Disposal of Existing Wearing Course	3157	63
<b>DRAINAGE</b>										
I-8	X	X 3	4	X 2		9	Each	Manholes, Adjusted to Grade	6	3
I-8		7		X		7	Each	Catch Basins, As per Plan		7
<b>PAVEMENT</b>										
B-35	230	222	374	46	17	889	Cu.Yds.	Asphaltic Concrete Leveling Course (70-85)	452	420
B-70		6	38	38		82	Sq.Yds.	9" Portland Cement Concrete Base Course	6	76
T-30	2		886	7	23	918	Gal.	Bituminous Tack Coat, As per Sec. T-30.02	2	893
T-35	122	281	417	30	21	871	Cu.Yds.	Asphaltic Concrete Surface Course, Type C (70-85)	403	447
I-18	61		102			163	Cu.Yds.	Stabilized Crushed Aggregate Shoulders and Approaches	61	102

## PAVEMENT CALCULATIONS (Continued)

### B-35 ASPHALTIC CONCRETE LEVELING COURSE

**HEN-6 CODE 6706**  
 610+61.8 to 614+50  $388.2 \times 20 \times 2 \div 9 \times 36 = 47.2$  cu.yds.  
 617+00 to 626+57  $957 \times 20.5 \times 2 \div 9 \times 36 = 121.1$  cu.yds.  
 Extra pavement = 62.0 cu.yds.  
**Total = 230.3 cu.yds.**  
**USE 230 cu.yds.**

\* Assumed 2" reqd. to provide 1 1/2" min.

**HEN-6 CODE 6805**  
 627+32 to 633+97  $665 \times 8 \times 3 \div 9 \times 36 = 53.4$  cu.yds.  
 634+85 to 639+80  $495 \times 8 \times 3 \div 9 \times 36 = 39.7$  cu.yds.  
 639+80 to 641+56.7  $176.7 \times 8 \times 3 \div 9 \times 36 = 13.9$  cu.yds.  
 642+19.6 to 653+93.5  $1173.9 \times 8 \times 3 \div 9 \times 36 = 94.2$  cu.yds.  
 Extra pavement = 10.3 cu.yds.  
 Additional material for exist. wear. surf. repair† = 10.8 cu.yds.  
 † Based on assumed depth of 4" of existing wearing surface.  
**Total = 222.3 cu.yds.**  
**USE - 222 cu.yds.**

**HEN-108 CODE 6706**  
 790+94.4 to 817+09.3  $2614.9 \times 30 \times 1 \div 9 \times 36 = 363.2$  cu.yds.  
 Extra pavement = 9.1 cu.yds.  
 Drives and approaches = 1.9 cu.yds.  
**Total = 374.2 cu.yds.**  
**USE - 374 cu.yds.**

**HEN-108 CODE 6805**  
 817+63 to 821+05  $342 \times 24 \times 1 \div 9 \times 36 = 38.0$  cu.yds.  
 Extra pavement = 7.5 cu.yds.  
 Drives and approaches = 0.5 cu.yds.  
**Total = 46.0 cu.yds.**  
**USE 46 cu.yds.**

**HEN-108 PARKING LANES - NO STATE OR FEDERAL PARTICIPATION**  
 817+63 to 821+05  $342 \times 11 \times 1 \div 9 \times 36 = 17.4$  cu.yds.  
**Total = 17.4 cu.yds.**  
**USE - 17 cu.yds.**

**E-8 REMOVAL AND DISPOSAL OF EXISTING WEARING SURFACE**  
**HEN-6 CODE 6706**  
 Extra pavement = 701.1 sq.yds.  
**Total = 701.1 sq.yds.**  
**USE - 701 sq.yds.**

**HEN-6 CODE 6805**  
 627+32 to 633+97  $665 \times 8 \div 9 = 591.1$  sq.yds.  
 634+85 to 639+80  $495 \times 8 \div 9 = 440.0$  sq.yds.  
 639+80 to 641+56.7  $176.7 \times 8 \div 9 = 157.1$  sq.yds.  
 642+19.6 to 653+93.5  $1173.9 \times 8 \div 9 = 1043.5$  sq.yds.  
 Extra pavement = 138.3 sq.yds.  
 Additional removal of unsatisfactory wear. surf. = 86.1 sq.yds.  
**Total = 2456.1 sq.yds.**  
**USE - 2456 sq.yds.**

**HEN-108 CODE 6805**  
 Extra pavement = 63.4 sq.yds.  
**Total = 63.4 sq.yds.**  
**USE - 63 sq.yds.**

## PAVEMENT CALCULATIONS (Continued)

**I-18 STABILIZED CRUSHED AGGREGATE SHOULDERS AND APPROACHES**  
**HEN-6 CODE 6706**  
 610+61.8 to 614+50  $388.2 \times 6 \times 1 \div 9 \times 36 = 9.0$  cu.yds.  
 617+00 to 626+57  $957 \times 6 \times 1 \div 9 \times 36 = 22.2$  cu.yds.  
 Extra pavement = 15.6 cu.yds.  
 Drives and approaches = 9.4 cu.yds.  
 Additional material for low berm - left - 611+00 to 613+50 = 5.0 cu.yds.  
**Total = 61.2 cu.yds.**  
**USE 61 cu.yd.**

**HEN-108 CODE 6706**  
 790+94.4 to 817+09.3  $2614.9 \times 6 \times 1 \div 9 \times 36 = 72.6$  cu.yds.  
 Extra pavement = -0.2 cu.yds.  
 Drives and approaches = 29.1 cu.yds.  
**Total = 101.5 cu.yds.**  
**USE 102 cu.yds.**

**T-30 BITUMINOUS TACK COAT**  
**HEN-6 CODE 6706**  
 Drives and approaches = 2.3 gal.  
**Total = 2.3 gal.**  
**USE 2 gal.**

**HEN-108 CODE 6706**  
 790+94.4 to 817+09.3  $2614.9 \times 30 \times 0.10 \div 9 = 871.6$  gal.  
 Extra pavement = 7.0 gal.  
 Drives and approaches = 6.9 gal.  
**Total = 885.5 gal.**  
**USE 886 gal.**

**HEN-108 CODE 6805**  
 Drives and approaches = 2.9 gal.  
 Extra pavement = 3.8 gal.  
**Total = 6.7 gal.**  
**USE 7 gal.**

**HEN-108 PARKING LANES - NO STATE OR FEDERAL PARTICIPATION**  
 817+63 to 821+05  $342 \times 6 \times 0.10 \div 9 = 22.8$  gal.  
**Total = 22.8 gal.**  
**USE 23 gal.**



FED. DIST.	STATE	PROJECT	TYPE
2	OHIO		

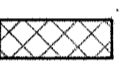
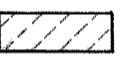
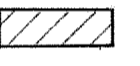
HEN-6-(11.56-12.15)  
HEN-108-(14.98-15.48)

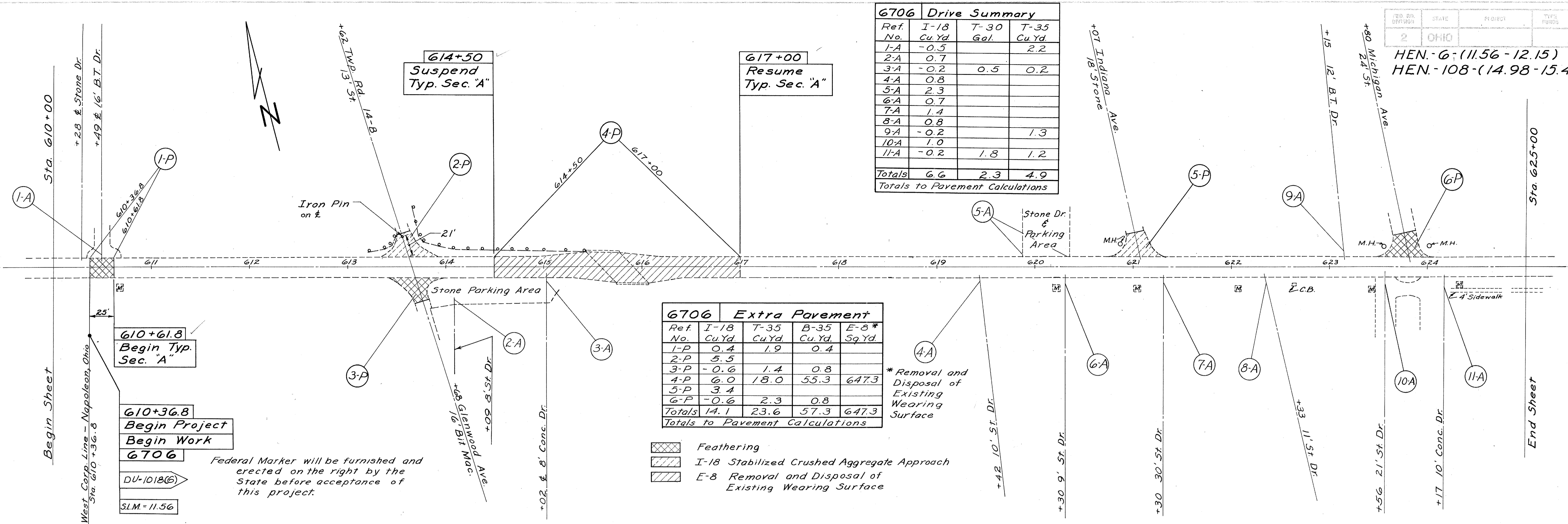
Ref. No.	I-18 Cu.Yd.	T-30 Gal.	T-35 Cu.Yd.
1-A	-0.5		2.2
2-A	0.7		
3-A	-0.2	0.5	0.2
4-A	0.8		
5-A	2.3		
6-A	0.7		
7-A	1.4		
8-A	0.8		
9-A	-0.2		1.3
10-A	1.0		
11-A	-0.2	1.8	1.2
<b>Totals</b>	<b>6.6</b>	<b>2.3</b>	<b>4.9</b>

Totals to Pavement Calculations

Ref. No.	I-18 Cu.Yd.	T-35 Cu.Yd.	B-35 Cu.Yd.	E-8* Sq.Yd.
1-P	0.4	1.9	0.4	
2-P	5.5			
3-P	-0.6	1.4	0.8	
4-P	6.0	18.0	55.3	647.3
5-P	3.4			
6-P	-0.6	2.3	0.8	
<b>Totals</b>	<b>14.1</b>	<b>23.6</b>	<b>57.3</b>	<b>647.3</b>

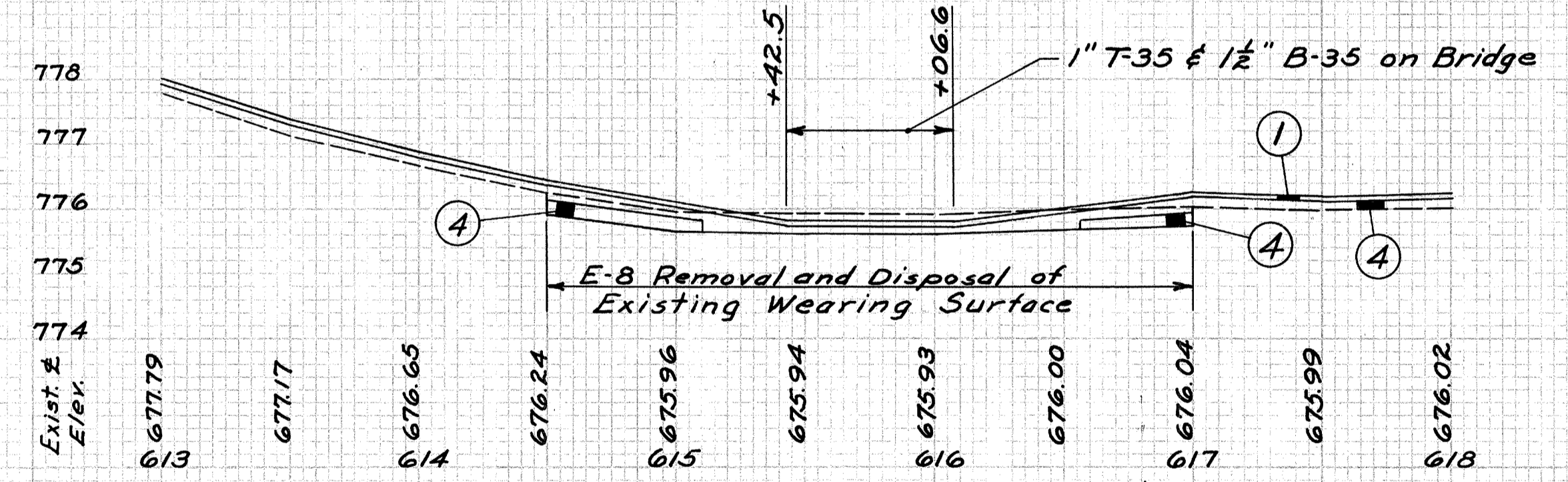
Totals to Pavement Calculations

-  Feathering
-  I-18 Stabilized Crushed Aggregate Approach
-  E-8 Removal and Disposal of Existing Wearing Surface



610+61.8  
Begin Typ. Sec. "A"  
610+36.8  
Begin Project  
Begin Work  
6706  
DU-1018(6)  
SLM=11.56

Federal Marker will be furnished and erected on the right by the State before acceptance of this project.



- ① T-35 1" Asphaltic Concrete Surface Course - Type C
- ④ B-35 1 1/2" minimum Asphaltic Concrete Leveling Course

4-P 614+50 to 617+00



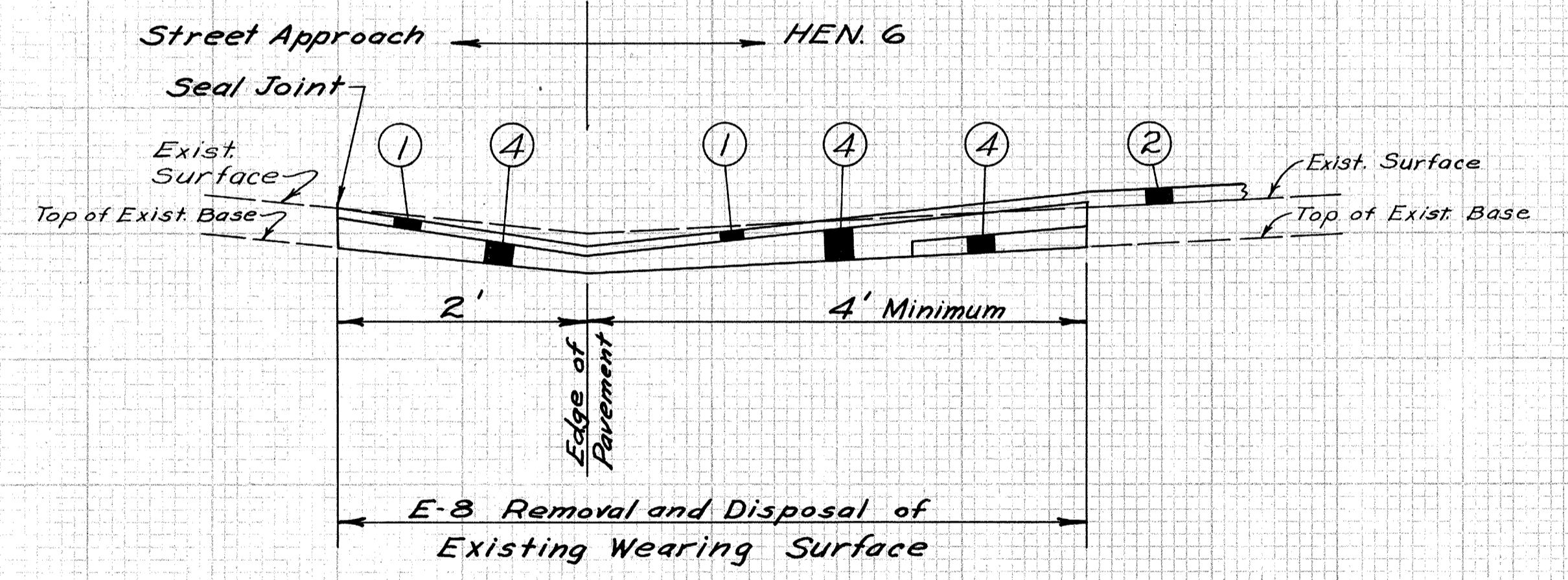
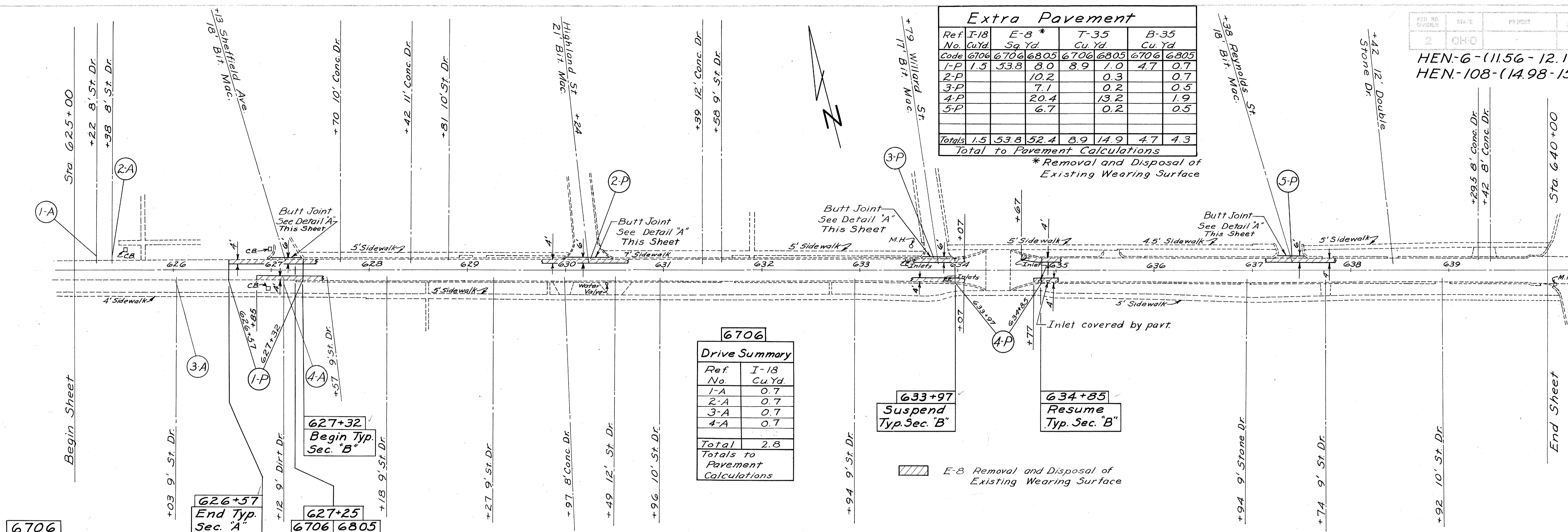
Extra Pavement						
Ref No.	I-18 Cu.Yd.	E-8 * Sq.Yd.	T-35 Cu.Yd.	B-35 Cu.Yd.		
Code	6706	6805	6706	6805	6706	6805
1-P	1.5	53.8	8.0	8.9	1.0	4.7
2-P			10.2		0.3	0.7
3-P			7.1		0.2	0.5
4-P			20.4		13.2	1.9
5-P			6.7		0.2	0.5
Totals	1.5	53.8	52.4	8.9	14.9	4.7

Total to Pavement Calculations  
\* Removal and Disposal of Existing Wearing Surface

6706 Drive Summary	
Ref. No.	I-18 Cu.Yd.
1-A	0.7
2-A	0.7
3-A	0.7
4-A	0.7
Total	2.8

Totals to Pavement Calculations

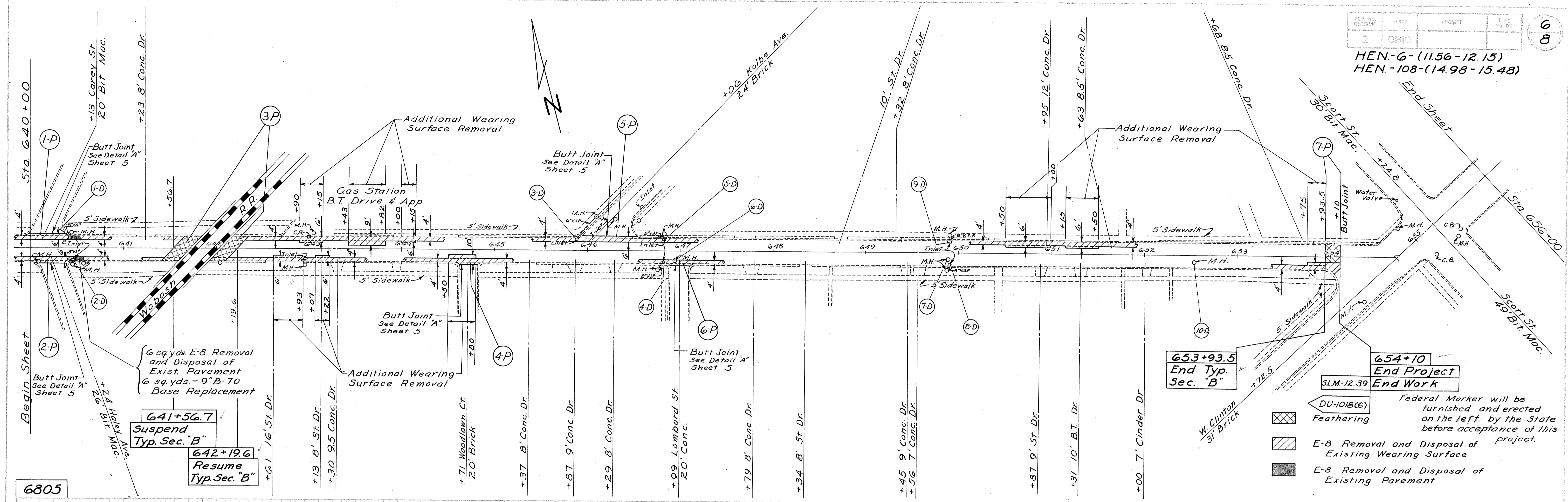
/// E-8 Removal and Disposal of Existing Wearing Surface



Detail "A"  
Butt Joint at Street Approach  
Scale 1" = 1'-0"

- ① T-35 1" Asphaltic Concrete Surface Course - Type "C"
- ② T-35 1 1/2" Asphaltic Concrete Surface Course - Type "C"
- ④ B-35 1 1/2" Minimum Asphaltic Concrete Leveling Course





6805

6805	Additional Removal
E-8 Removal and Disposal of Existing Wearing Surface	86.1 Sq.Yd.
E-8 Removal and Disposal of Existing Pavement	6 Sq.Yd.
B-70 9" Base Replacement	6 Sq.Yd.
B-35 Asphaltic Concrete Leveling Course	10.8 Cu.Yd.

6805	Drainage		
Ref. No.	Station	Side	Description
1-D	640+39.5	Left	Build New Catch Basin as per Plan
2-D	640+44	Right	Build New Catch Basin as per Plan
3-D	645+88	Left	Build New Catch Basin as per Plan
4-D	646+81.5	Right	Build New Catch Basin as per Plan
5-D	646+82	Left	Build New Catch Basin as per Plan
6-D	646+94	Right	Manhole - Adjust to Grade
7-D	649+88	Right	Manhole - Adjust to Grade
8-D	649+90	Right	Build New Catch Basin as per Plan
9-D	649+90.5	Left	Build New Catch Basin as per Plan
10-D	652+53	Right	Manhole - Adjust to Grade
Totals	7		Catch Basins as per Plan
	3		Manholes - Adjust to Grade
Totals to General Summary			
* On Combination Sewer Lines			

6805	Extra Pavement		
Ref. No.	E-8*	B-35	T-35
	Sq.Yd.	Cu.Yd.	Cu.Yd.
1-P	9.8	0.7	0.3
2-P	8.0	0.6	0.2
3-P	26.7	1.8	4.4
4-P	4.9	0.3	0.1
5-P	14.0	1.0	0.4
6-P	5.1	0.4	0.1
7-P	17.4	1.2	1.5
Totals	85.9	6.0	7.0
Total to Pavement Calculations			
* Removal and Disposal of Existing Wearing Surface			



HEN-6-(11.56-12.15)  
HEN-108-(14.98-15.48)

Begin Sheet Sta. 790+00

End Sheet Sta. 806+00

Code 6706

790+944  
Begin  
Typical  
Sec. C

Federal Marker will be furnished and erected on the right by the State before acceptance of this project.

+98. & 572' Bit Mac. Dr. To Fair Grounds

799+18 Bad joint ~  
Remove 5' strip  
19 Sq. yds. ~ Pavement Removal ~ E-8  
19 Sq. yds. ~ 9" B-70 - Base Replacement

803+50 Bad joint ~  
Remove 5' strip  
19 Sq. yds. ~ Pavement Removal ~ E-8  
19 Sq. yds. ~ 9" B-70 - Base Replacement

1-P

2-P

5-A

9-A

10-A

12-A

+91 & 9' Conc. Dr.

13-A

+43 & 9' Conc. Dr.

+30 & 9' Stone Dr. To Fair Grounds

+46 & 19' Stone Dr. To Fair Grounds

+63 & 19' Stone Dr. To Fair Grounds

+83 & 9' Stone Dr.

14-A

17-A

+83 & 12' Asphalt Dr.

+98 & 12' Bit Conc. Huddle Rt.

Sta. 790+944  
Napoleon Corp. Line

1-A

+51 & 10' Dirt. Dr.

2-A

3-A

+15 & 12' Cinder Dr.

4-A

+83 & 10' Dirt. Dr.

6-A

7-A

+100 & 16' Stone Dr.

8-A

+48 & 12' Stone Dr.

11-A

+32.5 & 9' Conc. Dr.

3-P

+18 & 13' Stone Raymond St.

15-A

+94 & 12' Conc. Dr.

16-A

+13 & 10' Stone Dr.

6706 Drive Summary				
Ref. No.	I-18 Cu.Yd.	T-30 Gals.	T-35 Cu.Yd.	B-35 Cu.Yd.
1-A	1.1			
2-A	1.1			
3-A	1.3			
4-A	1.1			
5-A	-0.8		2.0	0.5
6-A	1.7			
7-A	1.4			
8-A	1.3			
9-A	-0.5		1.1	0.3
10-A	1.0			
11-A	1.0			
12-A	1.0			
13-A	1.0			
14-A	5.3			
15-A	0.8			
16-A	1.1			
17-A	1.3			
Totals	20.2		3.1	0.8
Totals to Pavement Calculations				

- 1 1/2" T-35 on 1 1/2" B-35
- Full Depth Pavement Removal ~ E-8
- Feathering
- I-18 Approaches

6706 Pavement Removal	
E-8 Removal and Disposal of Existing Pavement	38.0 Sq.Yd.
B-70 9" Base Replacement	38.0 Sq.Yd.

6706 Extra Pavement				
Ref. No.	T-35 Cu.Yd.	B-35 Cu.Yd.	I-18 Cu.Yd.	T-30 Gal.
1-P	5.1	1.2	1.0	0.3
2-P	1.9	1.1	-0.4	
3-P			1.5	
Totals	7.0	2.3	+2.1	0.3
Totals to Pavement Calculations				

DU-557(7)

790+944  
Begin  
Project

SLM. 14.98

790+55.5  
Begin  
Work

+79 & 12' Cinder Dr.

685  
680  
675  
670  
665

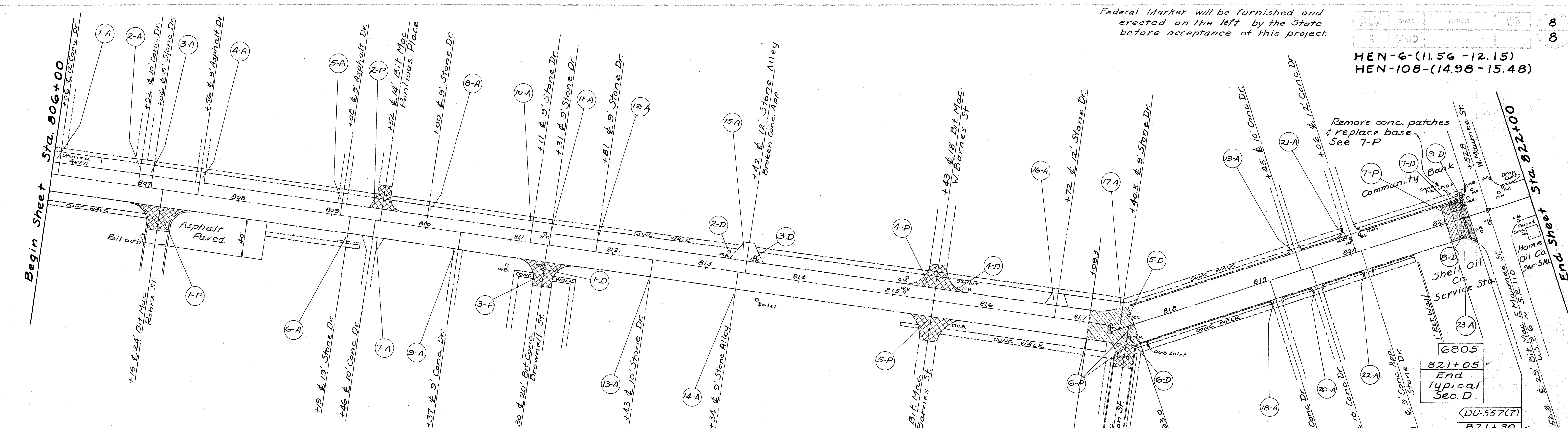


Federal Marker will be furnished and erected on the left by the State before acceptance of this project

FED. DIST. NO.	STATE	PROJECT	TYPE
2	OHIO		

HEN-6-(11.56-12.15)  
HEN-108-(14.98-15.48)

8  
8



- 1 1/2" T-35 on 1 1/2" B-35
- Full Depth Pavement Removal ~ E-8
- Feathering
- E-8 Wearing Surface Removal

6706 Drive Summary				
Ref. No.	I-18 Cu.Yd.	T-30 GAL.	T-35 Cu.Yd.	B-35 Cu.Yd.
1-A	1.3			
2-A	1.2			
3-A	1.1			
4-A	-0.4		0.8	0.2
5-A	-0.4		0.8	0.2
6-A	1.3			
7-A	-0.3	1.8	0.6	0.2
8-A	1.1			
9-A	-0.1	0.9	0.3	0.1
10-A	1.1			
11-A	1.1			
12-A	1.1			
13-A	1.1			
14-A	1.0			
15-A	-0.5	2.8	0.9	0.2
16-A	-0.5	1.4	0.5	0.1
17-A	-0.3		0.2	0.1
<b>Totals</b>	<b>8.9</b>	<b>6.9</b>	<b>4.1</b>	<b>1.1</b>

Totals Carried to Pavement Calculations

6805 Drive Summary				
Ref. No.	I-18 Cu.Yd.	T-30 GAL.	T-35 Cu.Yd.	B-35 Cu.Yd.
18-A		0.5	0.2	0.1
19-A		0.6	0.3	0.1
20-A		0.5	0.2	0.1
21-A		0.9	0.3	0.1
22-A		0.4	0.1	0.1
23-A		No Work		
<b>Totals</b>		<b>2.9</b>	<b>1.1</b>	<b>0.5</b>

Totals Carried to Pavement Calculations

6706 Extra Pavement					
Ref. No.	T-35 Cu.Yd.	B-35 Cu.Yd.	I-18 Cu.Yd.	E-8 * Sq.Yd.	T-30 GAL.
1-P	3.4		-0.7		
2-P	2.6		-0.4		
3-P	2.5		-0.6		
4-P	5.4	3.4	-0.8		
5-P	5.4	3.4	-0.8		
6-P	20.2		1.0		6.7
<b>Totals</b>	<b>39.5</b>	<b>6.8</b>	<b>-2.3</b>		<b>6.7</b>

6805				
Ref. No.	T-35 Cu.Yd.	B-35 Cu.Yd.	I-18 Cu.Yd.	T-30 GAL.
7-P	3.9	7.5		72.4
<b>Totals</b>	<b>3.9</b>	<b>7.5</b>		<b>63.4</b>

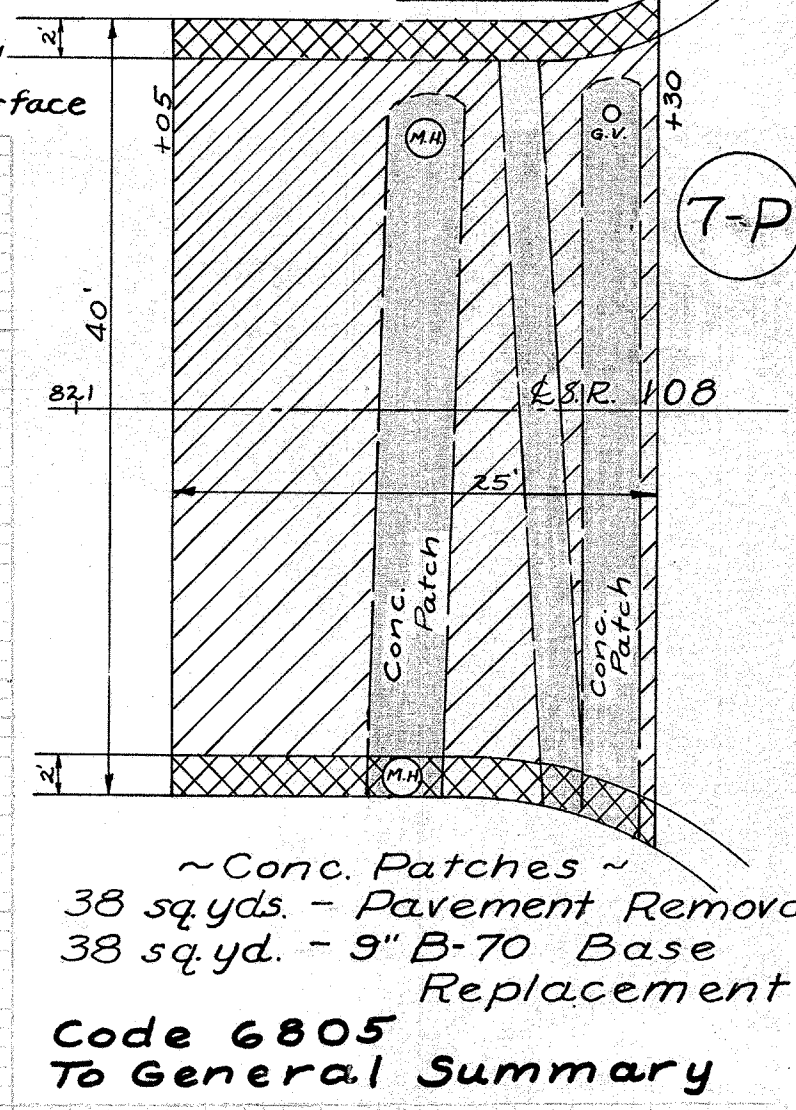
Totals Carried to Pavement Calculation

6706 Drainage				
Ref. No.	Station	Side	Description	
1-D	811+29	Right	Manhole - Adjust to Grade	
2-D	813+23	Left	Manhole - No Work	
3-D	813+50	Left	Manhole - Adjust to Grade	
4-D	815+67	Left	Manhole - No Work	
5-D	817+58	Left	Manhole - Adjust to Grade	
6-D	817+51	Right	Manhole - Adjust to Grade	
<b>Totals</b>	<b>*4</b>		<b>Manholes - Adjust to Grade</b>	

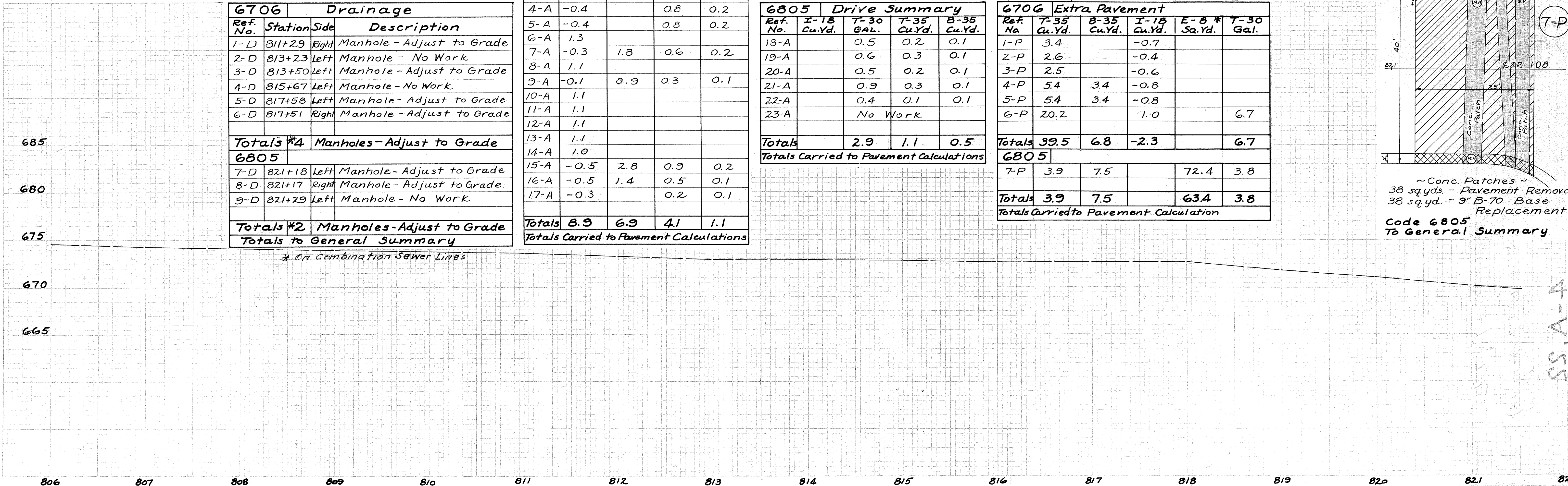
  

6805				
Ref. No.	Station	Side	Description	
7-D	821+18	Left	Manhole - Adjust to Grade	
8-D	821+17	Right	Manhole - Adjust to Grade	
9-D	821+29	Left	Manhole - No Work	
<b>Totals</b>	<b>*2</b>		<b>Manholes - Adjust to Grade</b>	

Totals to General Summary



~ Conc. Patches ~  
38 sq.yd. - Pavement Removal  
38 sq.yd. - 3" B-70 Base Replacement  
Code 6805  
To General Summary



SS-A-4