

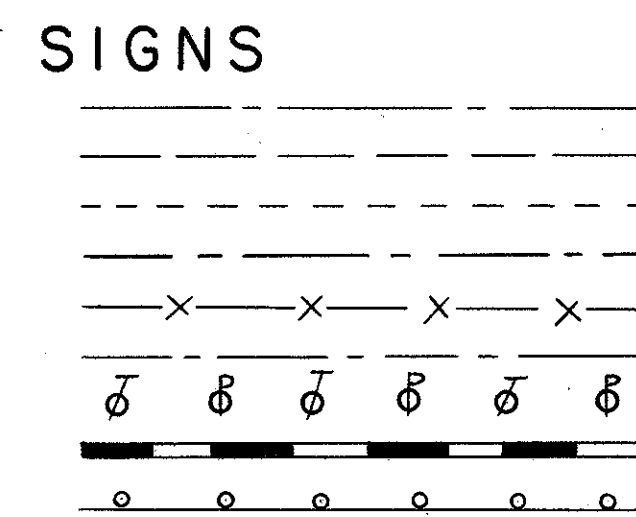
STATE OF OHIO
DEPARTMENT OF HIGHWAYS

SEN-18-14.22
SEN-101-1.01
SENECA COUNTY
CITY OF TIFFIN

FED RD DIVISION	STATE	PROJECT	FISCAL YEAR
2	OHIO		1949

SENECA COUNTY
SEN-18-14.22
SEN-101-1.01

CONVENTIONAL
COUNTY LINE
TOWNSHIP LINE
SECTION LINE
CORPORATION LINE
FENCE LINE
CENTER LINE
POLE LINE
RAILROAD
GUARD RAIL

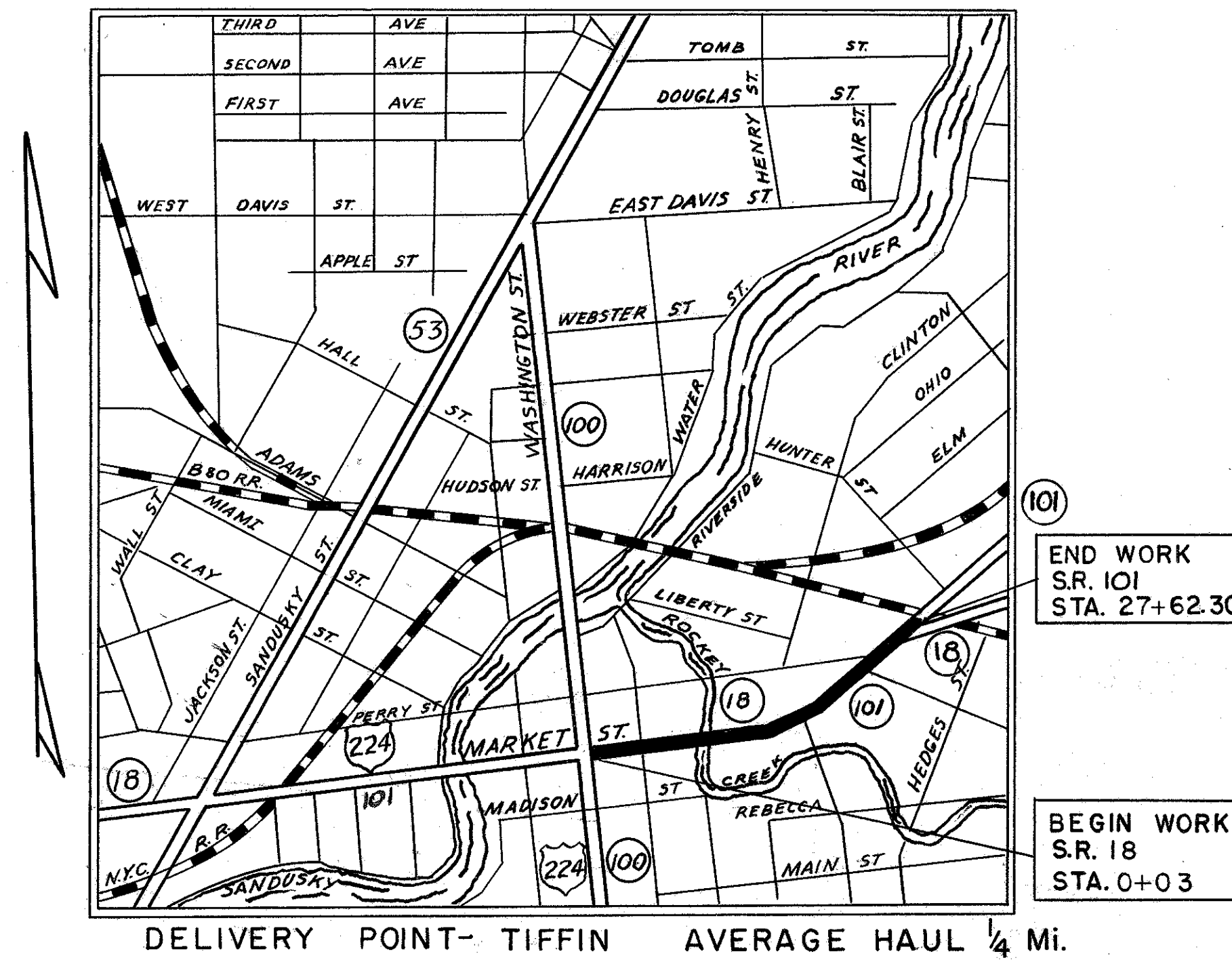


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LINE DATA

Begin Project and Work on SR. 18	Sta. 0+03
End Project and Work on SR 101	Sta. 27+62.30
Gross Length of Project and Work	2759.30 Lin.ft.
No Additions or Deductions	
Net Length of Project and Work	2759.30 Lin.ft. or 0.522 Mile



LOCATION PLAN
Scale 1" = 800'
PORTION TO BE IMPROVED
STATE HIGHWAYS
OTHER ROADS
DETOURS

SCALES

PLAN	1" = 50'
PROFILE HORIZONTAL	1" = 50'
PROFILE VERTICAL	1" = 5'
CROSS SECTIONS	NONE

The Standard Specifications of the State of Ohio, Department of Highways, including changes and Supplemental Specifications listed in the proposal Shall Govern this Project.

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 the plans and estimates.

Approved: George W. Leeb
Date: 7-1-49 Division Deputy Director

Approved: _____
Date: _____ Chief Engineer, Bureau of Maintenance

Approved: Richard E. ...
Date: 7-13-49 Chief Engineer, Bureau of Bridges & R.R. Crossings

Approved: W. B. ...
Date: 7/15/49 Chief Engineer, Bureau of Location & Design

Approved: J. ...
Date: 7/15/49 First Asst. Director & Chief Engineer

Approved: W. ...
Date: 7-15-49 Director of Highways

CONSTRUCTION BUREAU
JUL 18 1955
GROUND PHOTOLAB

SUPPLEMENTAL SPECIFICATIONS		STANDARD	DRAWINGS
T-171.19	6-17-48	NONE	
31	6-13-49		

FILE NO. _____
SENECA COUNTY SEN-18-14.22, SEN 101-1.01
DATE OF LETTING _____ 1949
CONTRACT NO. _____

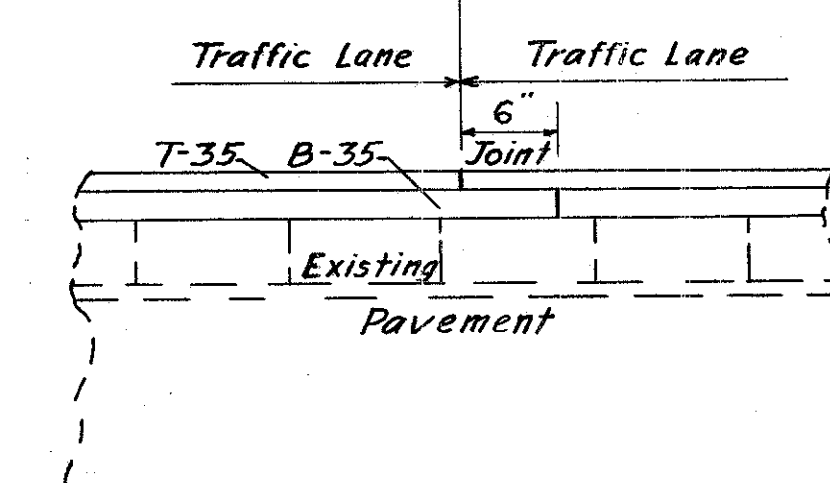
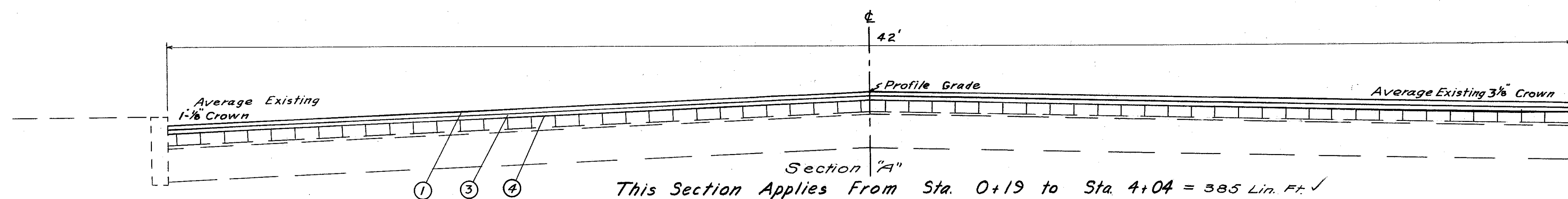
FED. RD. DIVISION	STATE	PROJECT	FISCAL YEAR
2	OHIO		1949

4
2
5

SENECA COUNTY
SEN-18-14.22, SEN-101-1.01

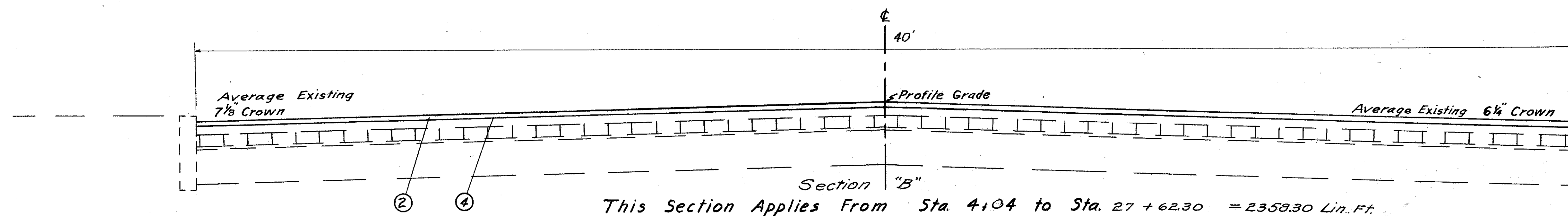
TYPICAL SECTION

TYPE T-35



Detail Showing Method of Lapping Longitudinal Joints in Bituminous Concrete Construction.

EXISTING PAVEMENT
3" Asphaltic Concrete on 4" Brick on 12" W.B. Macadam Base



- ① Item T-35, 1 1/4" Thickness Asphaltic Concrete Surface Course, Type "C."
- ② Item T-35, 1 1/2" Minimum Thickness Asphaltic Concrete Surface Course, Type "C."
- ③ Item B-35, 1 3/4" Minimum Thickness Asphaltic Concrete Leveling Course.
- ④ Item T-30, Bituminous Tack Coat Using Bituminous Material Sec. M-5.5, MS-2 or SS-1 Applied at The Rate of 0.10 Gal. Per Sq. Yd. Including Sand Cover.

GENERAL NOTES

PROFILE: The Profile of the Proposed Surface Course on the Existing Pavement Shall be Approximately 1/2 Inches Above That of the Existing Pavement for one Course Construction and 3 Inches Above Existing Pavement for two Course Construction, Unless Otherwise Shown on Plan and Profile Sheets.

UTILITIES: All Work Required to Relocate and/or Adjust, etc., all Gas, Oil, Telephone, Telegraph, Electric, Water or Other Services to Conform to the Grade and Alignment Shall be Completed by the Utilities in Question.

FILLING MAJOR DEPRESSIONS: Major Depressions in Existing Pavement Shall be Filled and Compacted With Bituminous Concrete Leveling Material in Advance of Placing the Regular Leveling Material in two Course Construction and the Surface Course in one Course Construction. These Depressions 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 Existing Monuments, Railroad Spikes, Iron Bolts, etc., in the Survey Line. Upon Completion of the Surfacing the Engineer Will Recheck all these Control Points in the new Pavement.

TRAFFIC: Traffic Shall be Maintained at all Times. The Item of Maintaining Traffic Shall Include Furnishing Lights, Signs, Barricades and Watchmen necessary to secure the flow of two way traffic twenty-four (24) Hours Daily.

RESETTING CASTINGS: This Item Shall be Performed After Completion of the Leveling Course and Prior to Placing the Surface Course Unless Otherwise Directed by the Engineer. Compaction of the Material Around Castings Inaccessible to Rollers Shall be in Accordance With the Requirements of Section T-35.19. Portions of the Existing Pavement Removed to Adjust Manhole, and Other Castings to the Grade of the New Surface Shall be Replaced Full Depth With Class "C" Concrete.

RAILROAD CROSSING: The New Surface Course Shall be Feathered to Meet the Rail Grades if Necessary.

PAVEMENT COMPUTATIONS

Areas From Typical Sections
 Sec. A = (385 x 42) ÷ 9 = 1797 Sq. Yds.
 Sec. B = (2358.30 x 40) ÷ 9 = 10481 Sq. Yds.
 12,278 Sq. Yds.

T-35, Sec. A 1 1/4" Surface Course
 Area = 1797 Sq. Yds.
 Add From Summary Ext. Pavt. 100 Sq. Yds.
 Total 1897 Sq. Yds.
 1897 x 5/144 = 66 Cu. Yds.

B-35, Same Area as for T-35, 1 3/4" Leveling Course
 1897 x 7/144 = 92 Cu. Yds.
 Add to Correct Surface Irregularities 10 Cu. Yds.
 Total B-35 = 92 + 10 = 102 Cu. Yds.

T-35, Sec. B 1 1/2" Surface Course
 Area = 10,481 Sq. Yds.
 Add From Summary Ext. Pavt. 1028 Sq. Yds.
 Total = 11,509 Sq. Yds.
 11,509 x 1/24 = 480 Cu. Yds.
 Add to Correct Surface Irregularities 60 Cu. Yds.
 Total T-35 = 66 + 480 + 60 = 606 Cu. Yds.

T-30, Area = 12,278 Sq. Yds.
 Add From Summary Ext. Pavt. 1128 Sq. Yds.
 Total 13,406 Sq. Yds.
 13,406 x 0.10 = 1341 Gal.

E-B, Removal & Disposal of Existing Wearing Course
 Sec. A, Area = 1797 Sq. Yds.
 Add for I-P & 2-P 100 Sq. Yds.
 Total 1897 Sq. Yds.

B-70, 8" Portland Cement Concrete Base Course
 Estimated Quantity = 50 Sq. Yds.

EXTRA PAVEMENT

Age No.	Reference No.	T-35 1/4" Sq. Yds.	B-35 1 3/4" Sq. Yds.	T-35 1 1/2" Sq. Yds.	T-30 Sq. Yds.	Remarks
4	I-P	76	76	76		From Washington St. to Project Beginning
4	2-P	24	24	24		Alley Rt.
4	3-P			52	52	Jefferson St. Int.
4	4-P			52	52	Street Int.
4	5-P			52	52	Street Int.
4	6-P			26	26	Street Int.
5	7-P			4	4	Alley Lt.
5	8-P			75	75	Circular St. Int.
5	9-P			90	90	Greenfield St. Int.
5	10-P			453	453	Perry St. Int.
5	11-P			24	24	Alley Lt.
5	12-P			136	136	Route 18 Int.
5	13-P			64	64	Railroad St. Int.
Totals		100	100	1028	1128	

CASTINGS TO BE ADJUSTED TO GRADE

Sheet No.	Station	Position Rt. or Lt.	Kind or Type	Adjusted By
4	0+11	14' Lt.	Water Valve	City
4	1+57	12' Rt.	Water Valve	City
4	2+15	15' Lt.	Water Valve	City
4	2+34	12' Rt.	Water Valve	City
4	2+79	10' Rt.	Sewer Lamp Hole	Contractor
4	3+15	12' Rt.	Gas Valve	Gas Co.
4	4+28	5' Rt.	Sewer Manhole	Contractor
4	8+03	19.5' Rt.	Water Shut Off Valve	City
4	8+03	14' Lt.	Water Valve	City
4	10+04	5' Lt.	W.L. Manhole	City
4	10+45	16.5' Lt.	W.L. Manhole	City
4	12+90	2' Rt.	Gas Valve	Gas Co.
4	12+95.3	±	Monument Box	Contractor
4	13+04	0.8' Rt.	Sewer Manhole	Contractor
4	13+10	2' Rt.	Gas Valve	Gas Co.
4	13+44	14.5' Lt.	W.L. Manhole	City
5	16+58	16' Rt.	Water Valve	City
5	16+65	±	Sewer Manhole	Contractor
5	16+70	24' Rt.	Sewer Manhole	Contractor
5	19+145	±	W.L. Manhole	City
5	19+602	±	Monument Box	Contractor
5	21+10	2' Lt.	Water Valve	City
5	24+74	12' Lt.	Water Valve	City

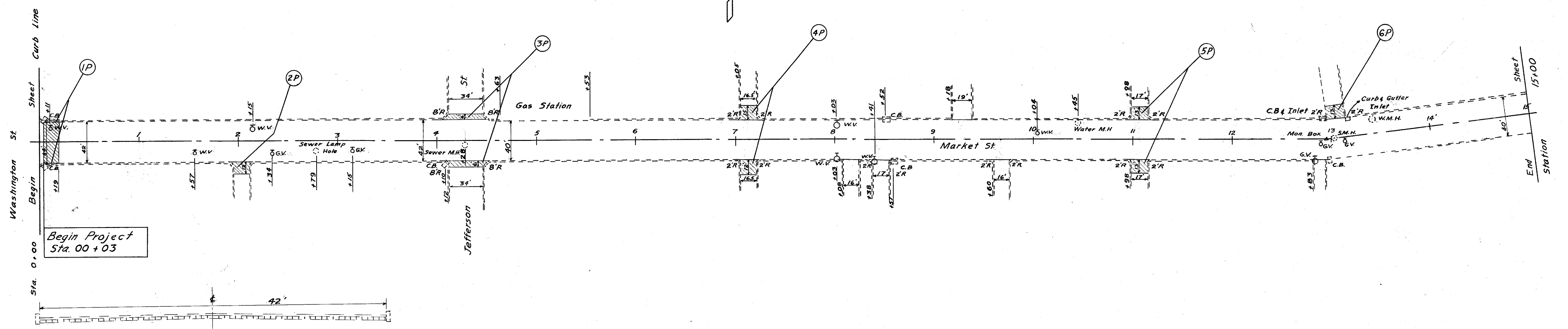
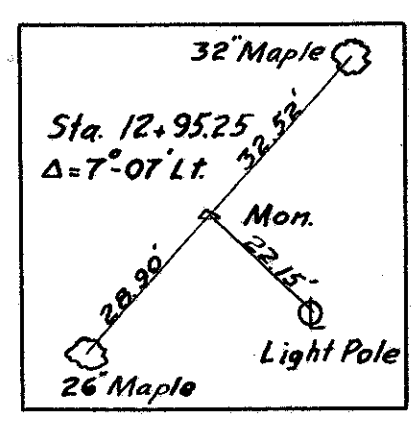
Total Manholes to be adjusted by Contractor 5 Each

GENERAL SUMMARY

Item	Quantity	Unit	Description
E-B	1897	Sq. Yds.	Removal and Disposal of Existing Wearing Surface
I-B	5	Each	Manholes Adjusted to Grade
I-B	2	Each	Monument Boxes Adjusted to Grade
T-35	606	Cu. Yds.	Asphaltic Concrete Surface Course Type "C" (70-80)
B-35	102	Cu. Yds.	Asphaltic Concrete Leveling Course (70-80)
T-30	1341	Gallons	Bituminous Tack Coat Sec. M-55 M5-2 or B5-1
B-70	50	Sq. Yds.	8" Portland Cement Concrete Base Course

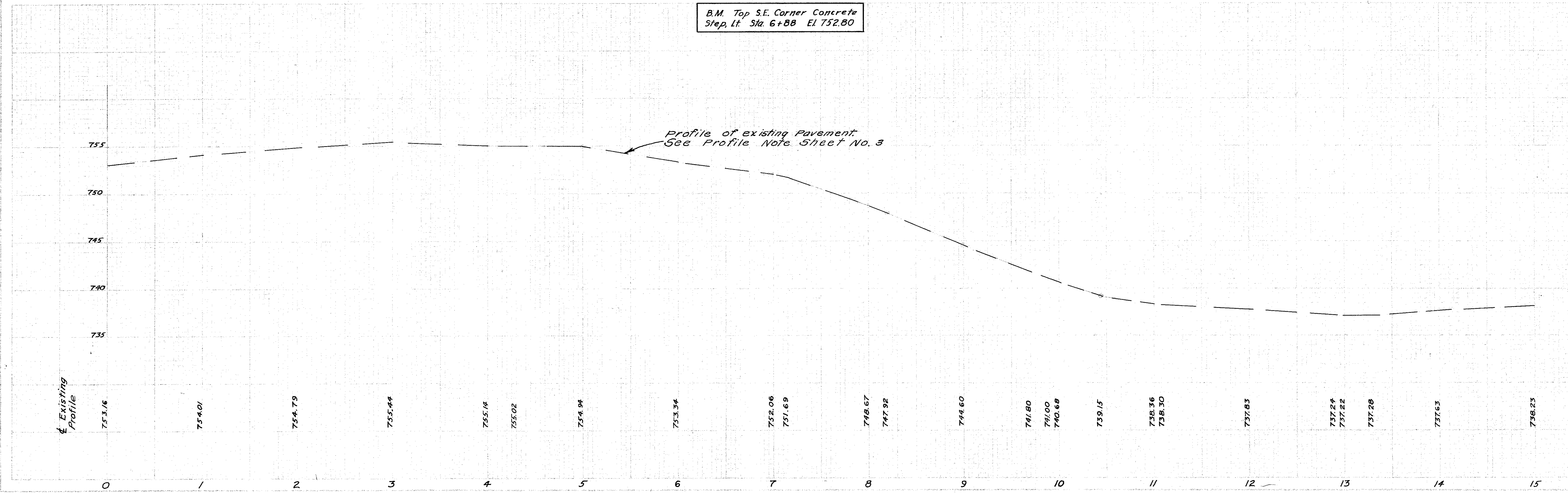
* Note: This Pavement Item Shall be Used as Base Replacement, if Required, Between Washington and Jefferson Sts.

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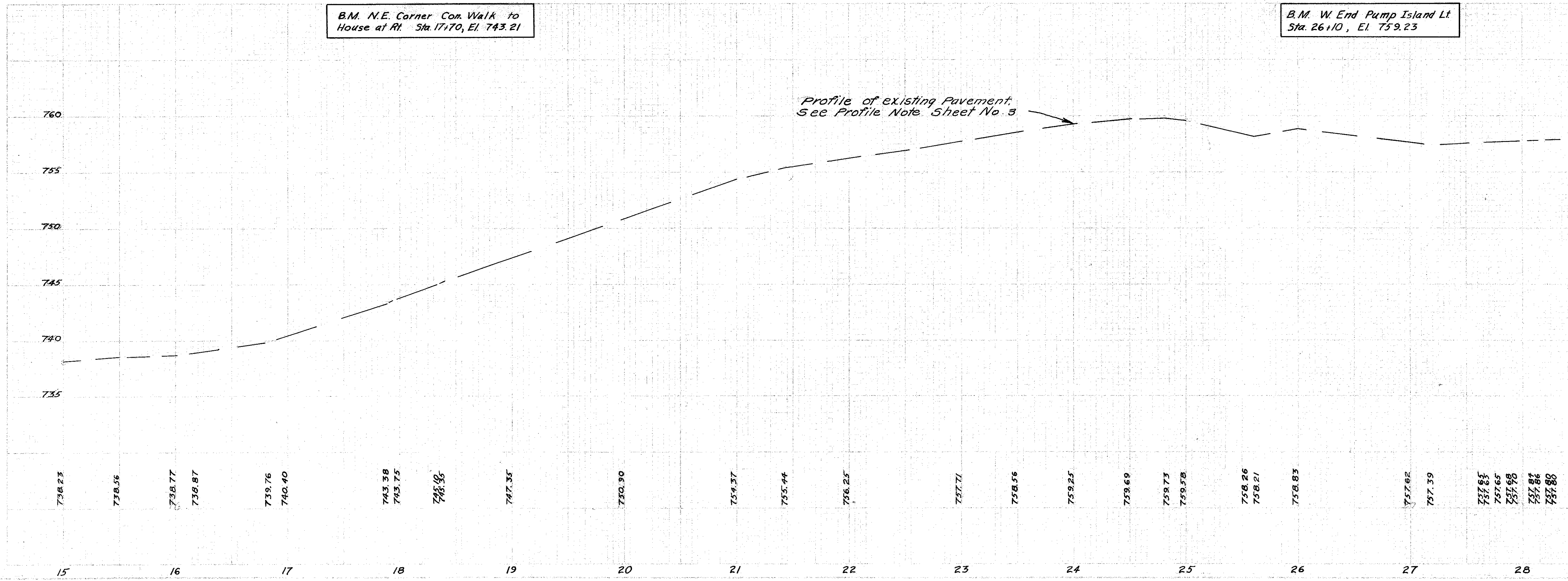
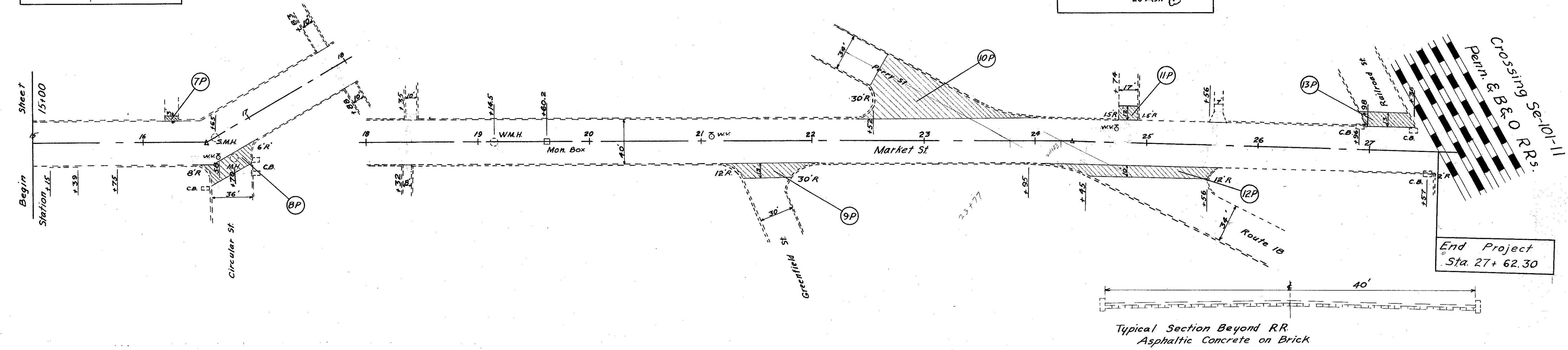
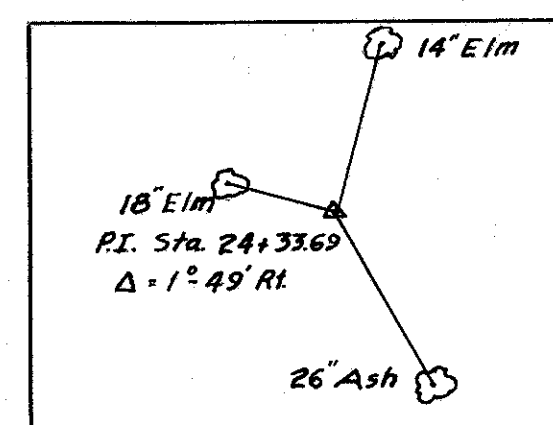
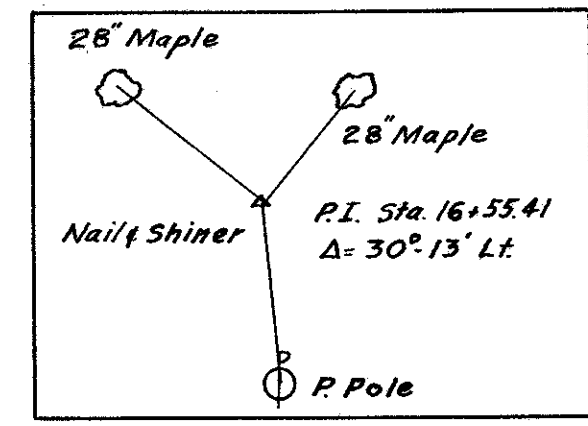
Typical Section Adjoining Pavement on Market St
Asphaltic Concrete on Brick.

B.M. Top S.E. Corner Concrete
Step, Lt. Sta. 6+88 El. 752.80



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