

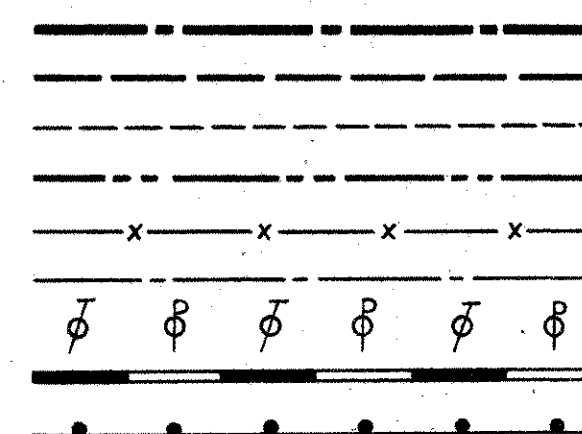
STATE OF OHIO
DEPARTMENT OF HIGHWAYS
STA - 241 (8.83-10.42)
STARK COUNTY
CITY OF MASSILLON AND JACKSON TOWNSHIP

FED. RD. DIV. NO.	STATE	PROJECT	TYPE FUNDS
2	OHIO	STATE	15

STARK COUNTY
STA-241-(8.83-10.42)

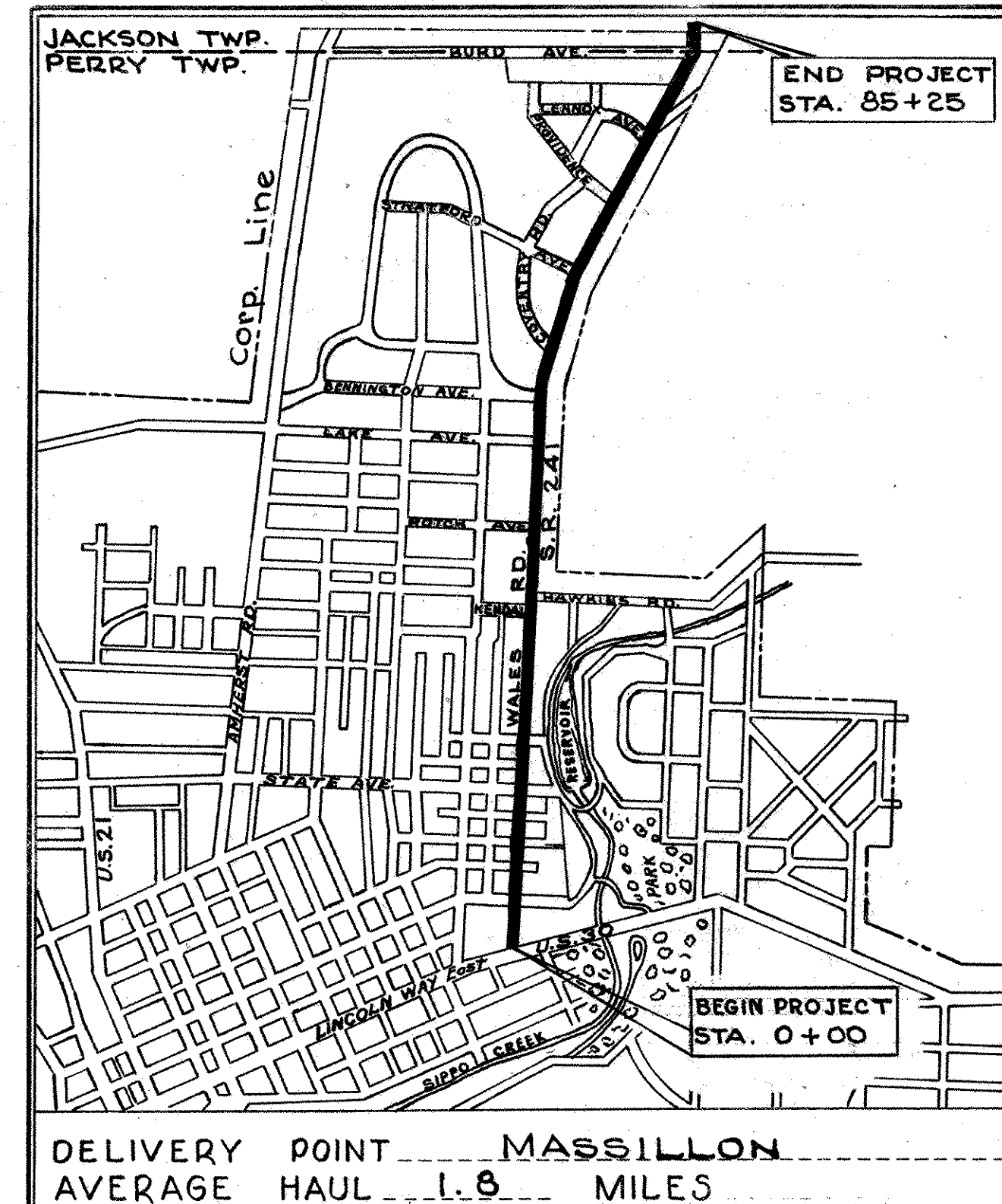
CONVENTIONAL SIGNS

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



INDEX OF SHEETS

TITLE SHEET	SHEET N°
TYPICAL SECTIONS	1
GENERAL NOTES & DETAILS	2
GENERAL SUMMARY	3-4
PLAN & PROFILE	5
CURVE & SUPERELEVATION	6-7-8
CROSS SECTIONS	9-10
CALCULATIONS & SUMMARY	11-15
	4-A



LOCATION MAP

Scale 1" =
PORTION TO BE IMPROVED
STATE HIGHWAYS
OTHER ROADS
DETOURS

SCALES

PLAN 1" = 50'
PROFILE HORIZONTAL 1" = 50'
PROFILE VERTICAL 1" = 5'
CROSS SECTIONS 1" = 5'

LINE DATA

BEGIN PROJECT & MUNICIPAL	STA. 0+00
END MUNICIPAL	STA. 82+60.6
NO ADDITIONS OR DEDUCTIONS	
NET LENGTH OF MUNICIPAL	8260.6 LIN. FT. OR 1.564 MI.
BEGIN RURAL	STA. 82+60.6
END RURAL & PROJECT	STA. 85+25
NO ADDITIONS OR DEDUCTIONS	
NET LENGTH OF RURAL	264.4 LIN. FT. OR 0.050 MI.
NET LENGTH OF PROJECT & WORK	8525.0 LIN. FT OR 1.614 MI.

SUPPLEMENTAL SPECIFICATIONS

10	Rev. 3-19-54
B-119	Rev. 12-14-53
M-103.14	7-31-50
CE-107	5-21-53
T-171.19	Rev. 3-19-53
M-101.7	1-24-53

STANDARD DRAWINGS

DRAWING NO.	DATE	DRAWING NO.	DATE
I-8 M.H. No. 1	5-1-52	I-15 No. 2	2-2-53
I-1, 2, 3, 4 & 5	2-20-45	S-27 P.C. 3	2-20-45
		L-3A	4-1-50
T-35	10-1-52	I-15 No. 1	2-2-53
S-27 PC-4	1-4-54		
L-3	4-1-50		
RI-1	6-1-53		
I-12	1-25-52		

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 necessary 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 of the highway to traffic and that provisions for maintenance and safety of traffic will be as set forth on the plans and estimates. See Sheet No. 3

Approved W. L. Jumper
Date 4-12-54 Division Deputy Director

Approved John J. Neuenegg
Date 4-11-54 Deputy Director of Planning and Programming

Approved _____
Date : _____ Engineer of Bridges

Approved W. L. Jumper
Date : 4-1-54 Engineer of Location & Design

Approved N. T. Gandy
Date : 4-7-54 Deputy Director of Design and Construction

Approved P. J. Shaulkin
Date : 6-11-54 First Assistant Director

Approved S. L. Kingell
Date : 4-11-54 Director of Highways

FILE N°	DATE OF LETTING: _____
	CONTRACT N° _____

UTILITIES

Ohio Water Service Co.
Ohio Edison Co.
Ohio Bell Telephone Co.
City of Massillon
East Ohio Gas Co.

Field Book No. 493

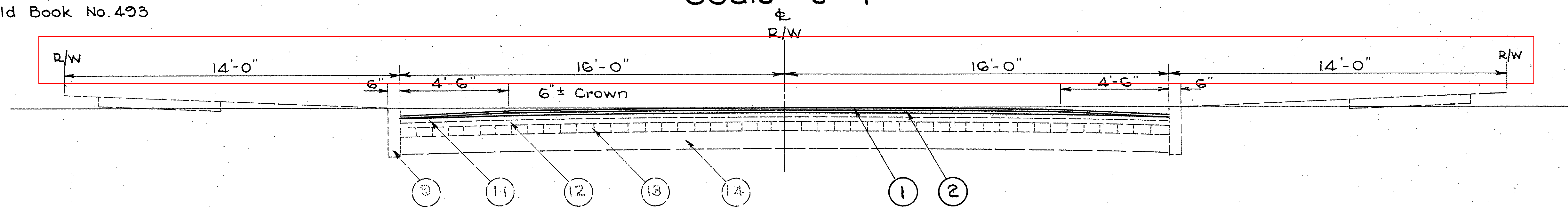
TYPICAL SECTIONS TYPE T-35

Scale $\frac{3}{8}" = 1'$

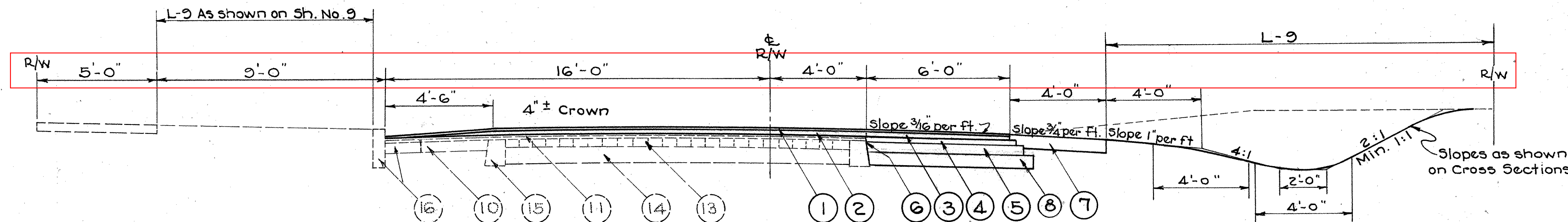
FED. RD. DIVISION	STATE	PROJECT	TYPE FUNDS
2	OHIO		

STA. 241 (8.83-10.42)

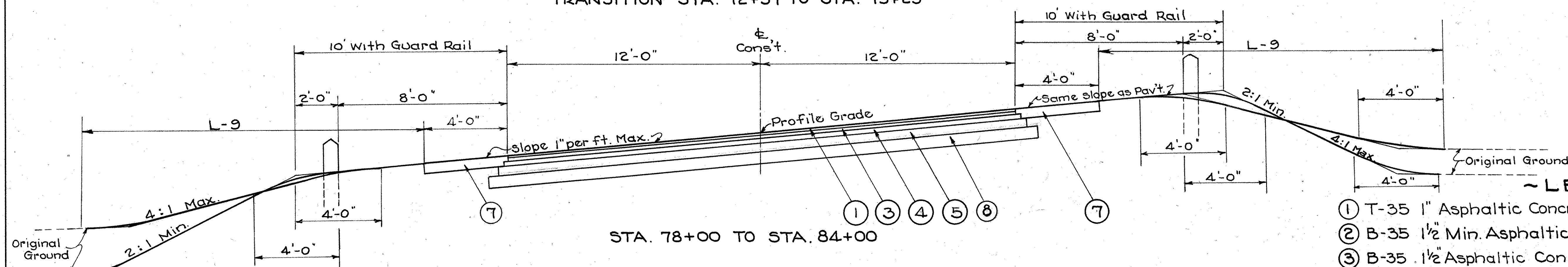
2
15



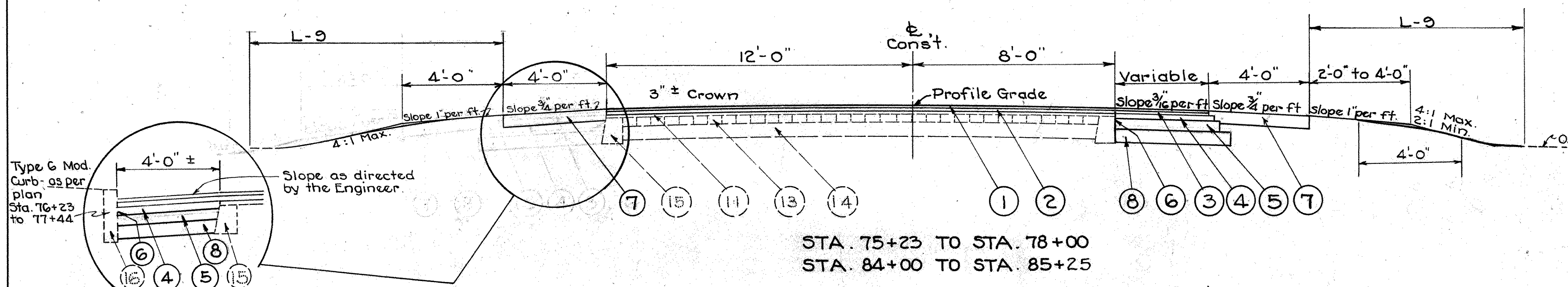
STA. 0+00 TO STA. 49+28.24
TRANSITION STA. 49+28.24 TO STA. 51+00



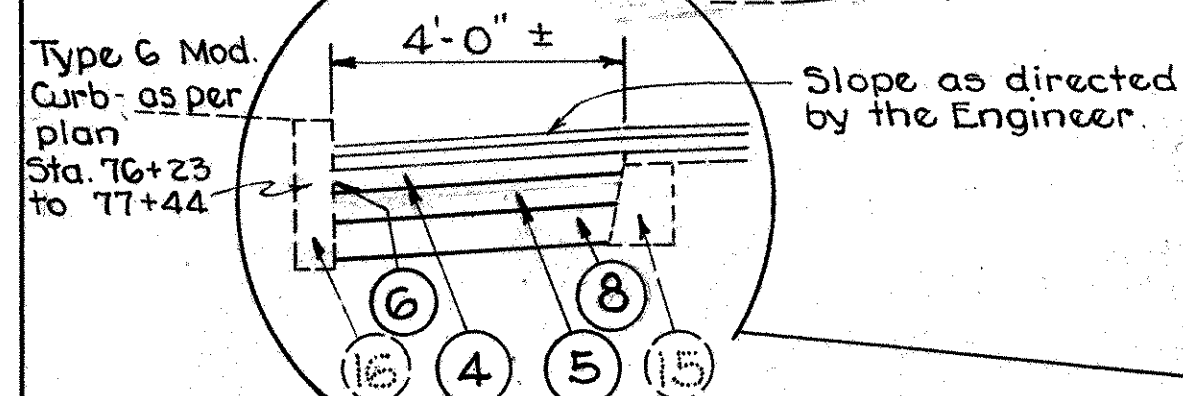
STA. 51+00 TO STA. 72+37
TRANSITION STA. 72+37 TO STA. 75+23



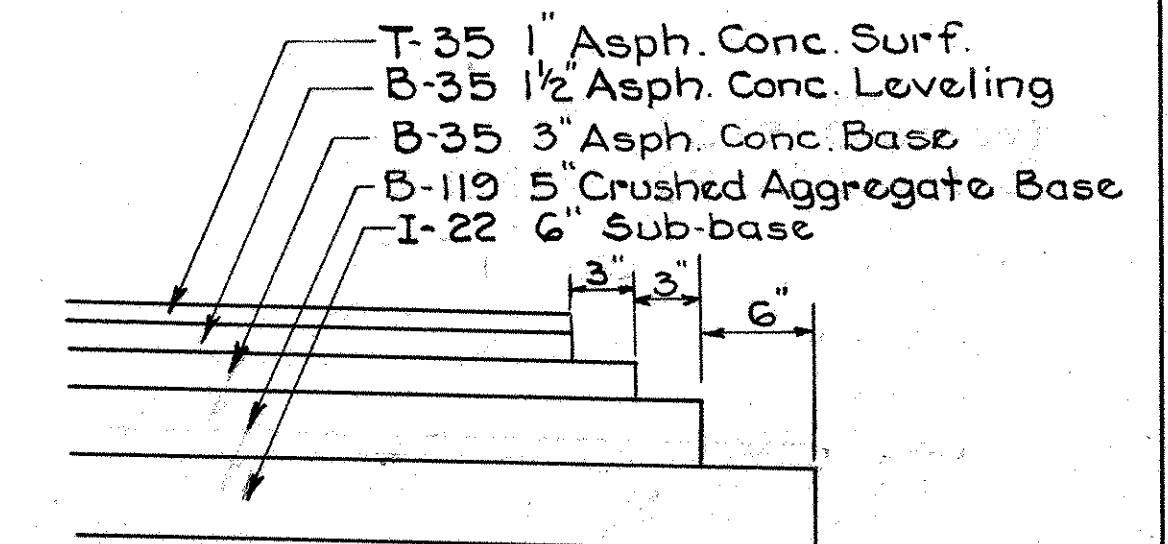
STA. 75+23 TO STA. 78+00



STA. 78+00 TO STA. 84+00
STA. 84+00 TO STA. 85+25



STA. 72+29 TO STA. 77+44



EDGE CONSTRUCTION
AND COURSE DETAIL

~LEGEND~

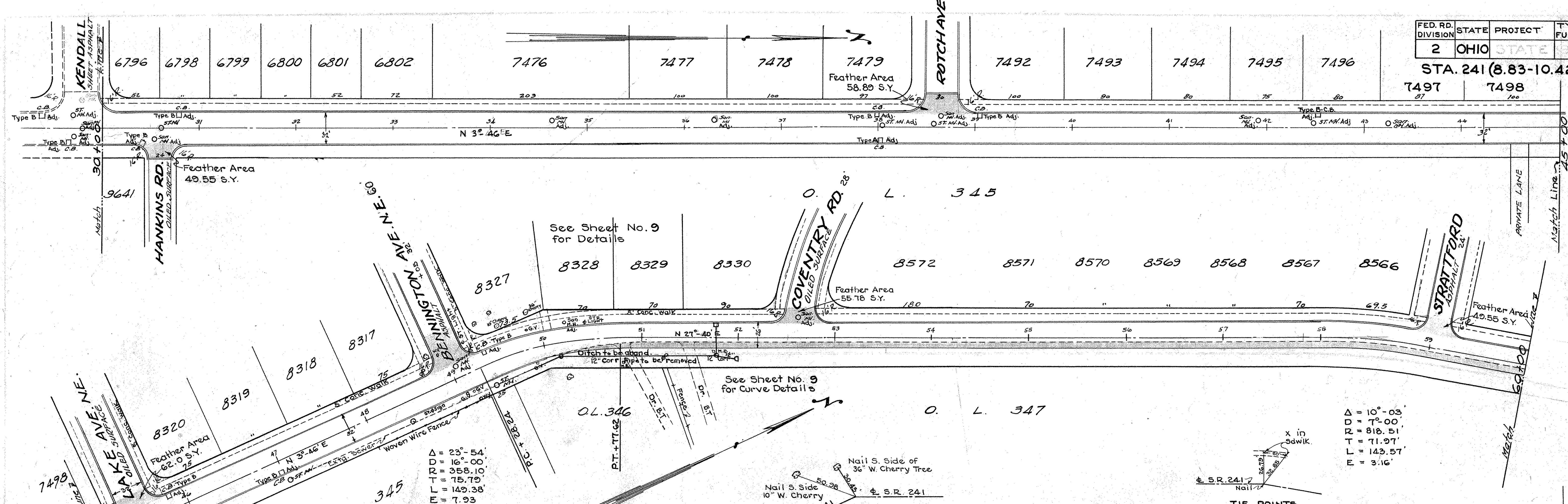
- ① T-35 1" Asphaltic Concrete Surface Course Type "C" (70-80)
- ② B-35 1 1/2" Min. Asphaltic Concrete Leveling Course (70-80)
- ③ B-35 1 1/2" Asphaltic Concrete Leveling Course (70-80)
- ④ B-35 3" Asphaltic Concrete Base Course (70-80)
- * ⑤ B-119 5" Crushed Aggregate Base Course
- ⑥ B-35 Sealing Vertical Face
- ⑦ SS-10 6" Stabilized Crushed Aggregate Shoulders & Approaches
- * ⑧ I-22 6" Sub-base Course
- ⑨ Existing Stone Curb
- ⑩ Existing Concrete Widening
- ⑪ Existing Bituminous Concrete
- ⑫ Existing Sheet Asphalt
- ⑬ Existing Brick Paving
- ⑭ Existing Gravel Base
- ⑮ Existing Concrete Header Curb
- ⑯ Existing Concrete Curb & Gutter

* Note :- Also Material meeting the requirements of Sec. M-3.13 Grade "B" granulated slag or SS-M-103.14 will be acceptable for use in this course.

TYPICAL SECTIONS

STA. 241(8.83-10.42)

7497 7498



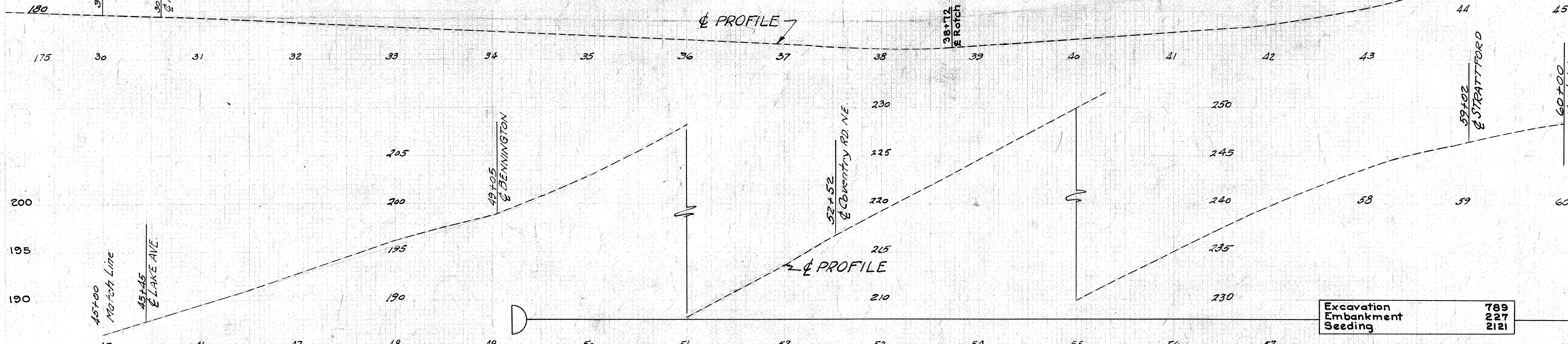
$\Delta = 23^\circ 54'$
 $D = 16^\circ 00'$
 $R = 358.10'$
 $T = 15.79'$
 $L = 143.38'$
 $E = 7.93'$
 $P.I. = 50+04.03$
 $P.C. = 49+28.24$
 $P.T. = 50+11.62$

See Sheet No. 9 for Curve Details

Nail S. Side of 36" W. Cherry Tree
 Nail S. Side 10" W. Cherry
 TIE POINTS
 P.I. STA. 50+04.03

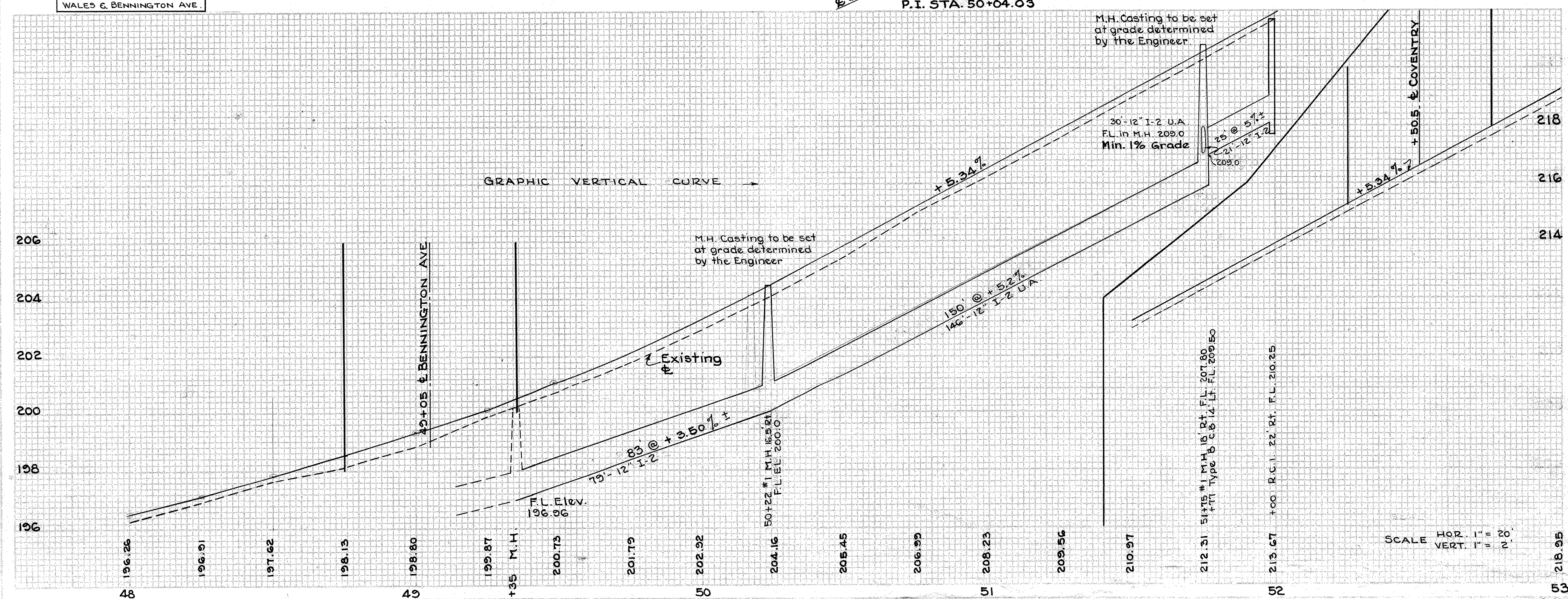
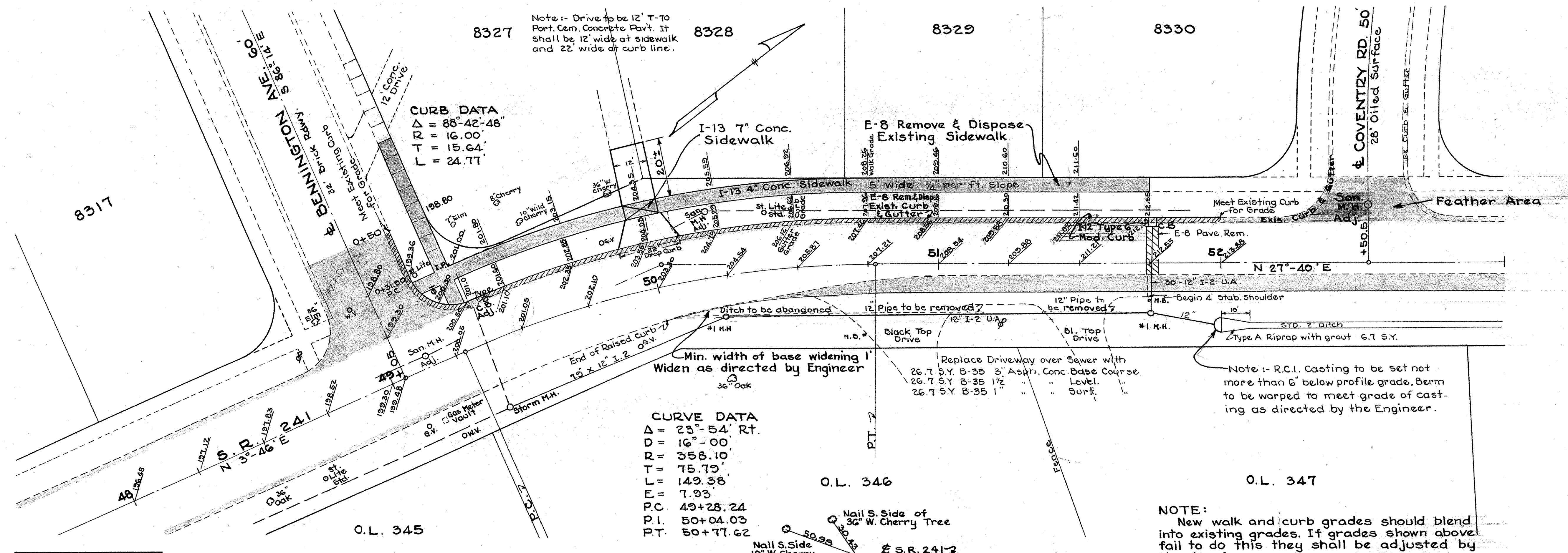
$\Delta = 10^\circ 03'$
 $D = 7^\circ 00'$
 $R = 818.51'$
 $T = 71.97'$
 $L = 143.57'$
 $E = 3.16'$
 TIE POINTS
 P.I. AT CURVE-APPROX. 65' SOUTH OF STRATFORD AVE.

STATION		SIDE	T-35		B-35		I-8							I-2		B-119	SS-10	I-22	I-10	I-13		T-70	I-12	E-12	E-8	B-70	E-1	E-8					
FROM	TO		1" Asph. Conc. Surf. Course S.Y.	1/2" Min. Conc. Base S.Y.	3" Asph. Conc. Base S.Y.	Seal. Face	1/2" Asph. Conc. Base S.Y.	C.B. Adj. Type "A" EA	C.B. Adj. Type "B" EA	C.B. Adj. Type "C" EA	Raised Curb Inlet	M.H. Adj. San.	M.H. Adj. Storm	M.H. #1	12" Storm Sewer U.A. Base C.Y.	12" Storm Sewer U.A. Base C.Y.	5" Storm Sewer U.A. Base C.Y.	6" Storm Sewer U.A. Base C.Y.	6" Sub-base	Rip-rap Type "A" S.Y.	4" Conc. Side-walk S.F.	7" Conc. Side-walk S.F.	7" Port. Cement Pavt. S.Y.	Conc. Curb Type "B" L.F.	Pipe Rem. 15" & Under L.F.	Pavt. Rem. S.Y.	8" Port. Cement Base S.Y.	Sub-grade Comp. S.Y.	Side-walk Reim. S.F.	Curb & Gutter Reim. L.F.			
30+00	48+75	L&R	666.7	512.9			1	9			7	5																					
48+75	52+00	L&R	1081.1	793.1	294.8	200	126.7		1	1	1	2		2	100	176	15.6	1.9	20.3	6.7	1575	60	42.7	325	85	8.9	8.9	66.7	1635	325			
52+00	60+00	L&R	2311.1	1577.8	555.6	800	533.3					1					80.2	59.3	103.7									533.3					
Intersections		L&R	275.8																														
TOTAL			10334.7	6100.1	850.4	1000	660	1	10	1	1	10	5	2	100	176	95.8	61.2	124.0	6.7	1575	60	42.7	325	85	8.9	8.9	600	1635	325			



Excavation
 Embankment
 Seeding

789
 227
 2121



CURVE & SUPERELEVATION DETAIL

STA. 241 (8.83-10.42)

