

STATE OF OHIO, DEPARTMENT OF HIGHWAYS

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO	State	

1
7

DEL-23 - (10.61-12.43)
 DEL-42 - (8.63-9.36)
 DEL-36 - (8.94-9.96)-(10.18)-(10.73-11.39)

PART	1	Delaware	COUNTY	U.S.R.#	23	SEC.	10.61	TO SEC.	12.80	NET LENGTH	2.19	MI.
PART	2	Delaware	COUNTY	U.S.R.#	42	SEC.	8.63	TO SEC.	9.36	0.73	MI.	
PART	3	Delaware	COUNTY	U.S.R.#	36	SEC.	8.94	TO SEC.	9.96	1.01	MI.	
PART	3	Delaware	COUNTY	U.S.R.#	36	SEC.	10.18	TO SEC.	10.40	0.22	MI.	
PART	3	Delaware	COUNTY	U.S.R.#	36	SEC.	10.73	TO SEC.	11.50	0.77	MI.	
PART	3	Delaware	COUNTY	U.S.R.#	36				Total	2.00	MI.	

MAR 20 1963

GROUND PHOTO

Gross Length Parts 1, 2 & 3 = 20,030.4 Lin. Ft.
 Deduct for 2 Railroad Xings = 31.1 Lin. Ft.
 Net Length Project and Work = 25,999.3 Lin. Ft. or 4.92 Miles

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 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 E. L. Shelley
Date 3-26-60 Division Deputy Director.

Approved Jay E. Weeper
Date 3-23-60 Deputy Director Of Planning & Programming.

Approved W. A. Orman
Date 3-21-60 Engineer Of Bridges.

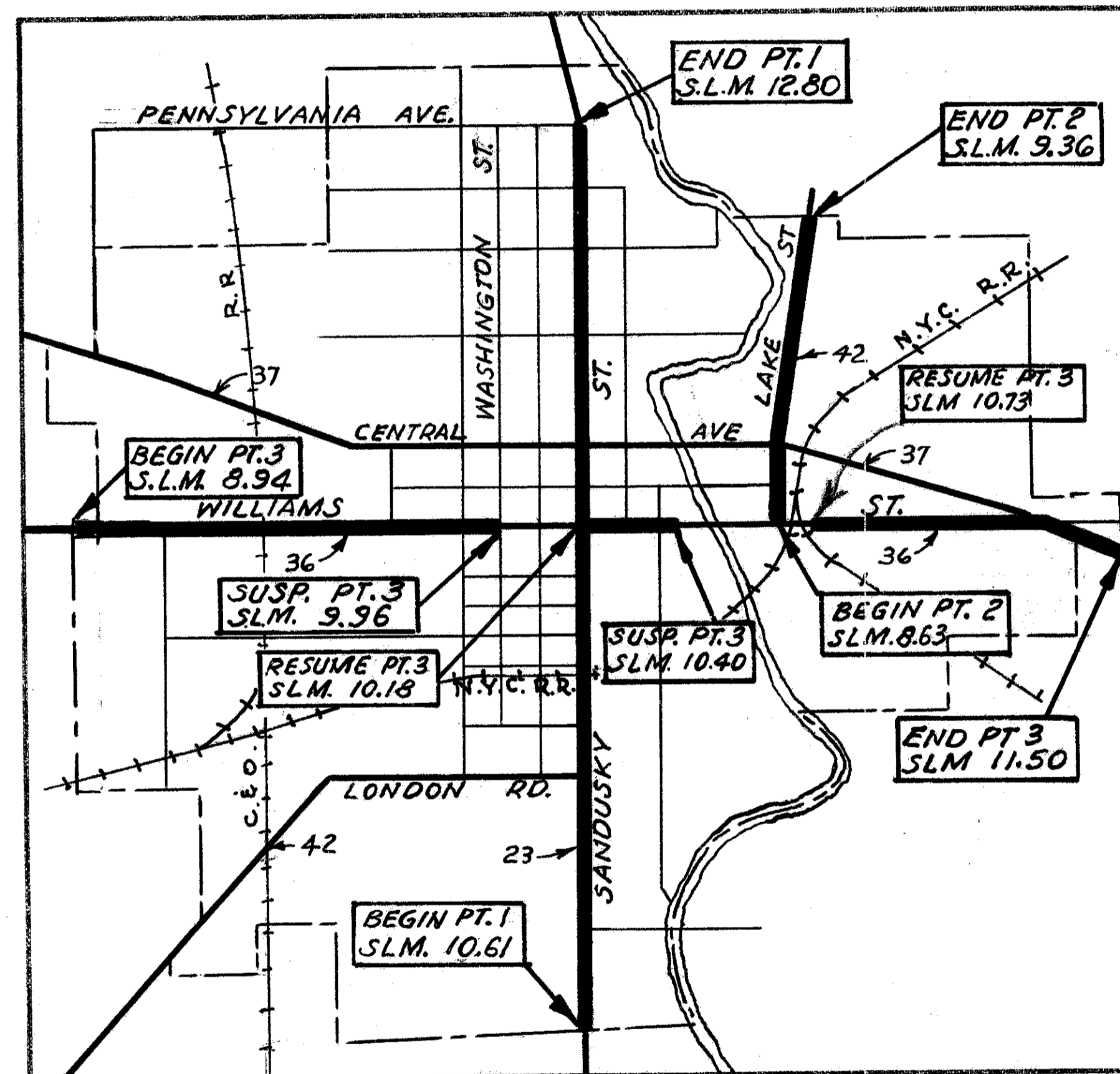
Approved W. A. Orman
Date 3-22-60 Engineer Of Location & Design.

Approved C. W. McCaughey
Date 3-22-60 Deputy Director Of Design & Construction.

Approved W. A. Berry
Date 3-23-60 First Assistant Director.

Approved E. L. Shelley
Date 3-23-60 Director Of Highways.

PART	COUNTY	TOWNSHIP	CITY	VILLAGE
1	Delaware		Delaware	
2	Delaware		Delaware	
3	Delaware	Delaware	Delaware	



PART	DELIVERY POINT	RAILROAD	AVERAGE HAUL
1	Delaware	N.Y.C.	1.2 Mi.
2	Delaware	N.Y.C.	0.3 Mi.
3	Delaware	N.Y.C.	0.9 Mi.

PORTION TO BE IMPROVED STATE HIGHWAYS

SUPPLEMENTAL PRINTS OF STANDARD CONSTRUCTION DRAWINGS	SUPPLEMENTAL SPECIFICATIONS
T-35 1-2-56	
I-21-23 8-1-56	

MAR 20 1963

GROUND PHOTO

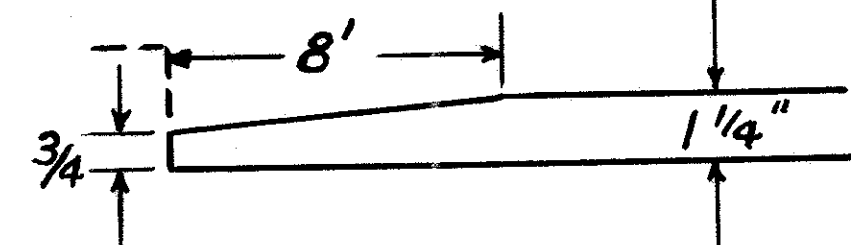
TYPICAL SECTION TYPE T-35

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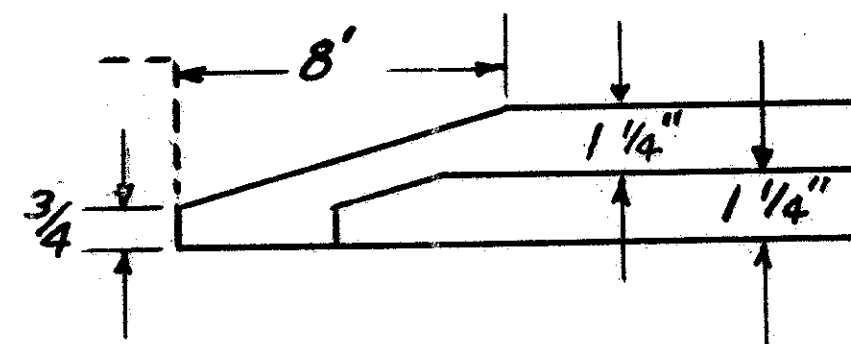
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DEL-23-(10.61-12.43)
 DEL-42-(8.63-8.72)
 DEL-36-(8.94-9.87)(10.18)(10.73-11.39)

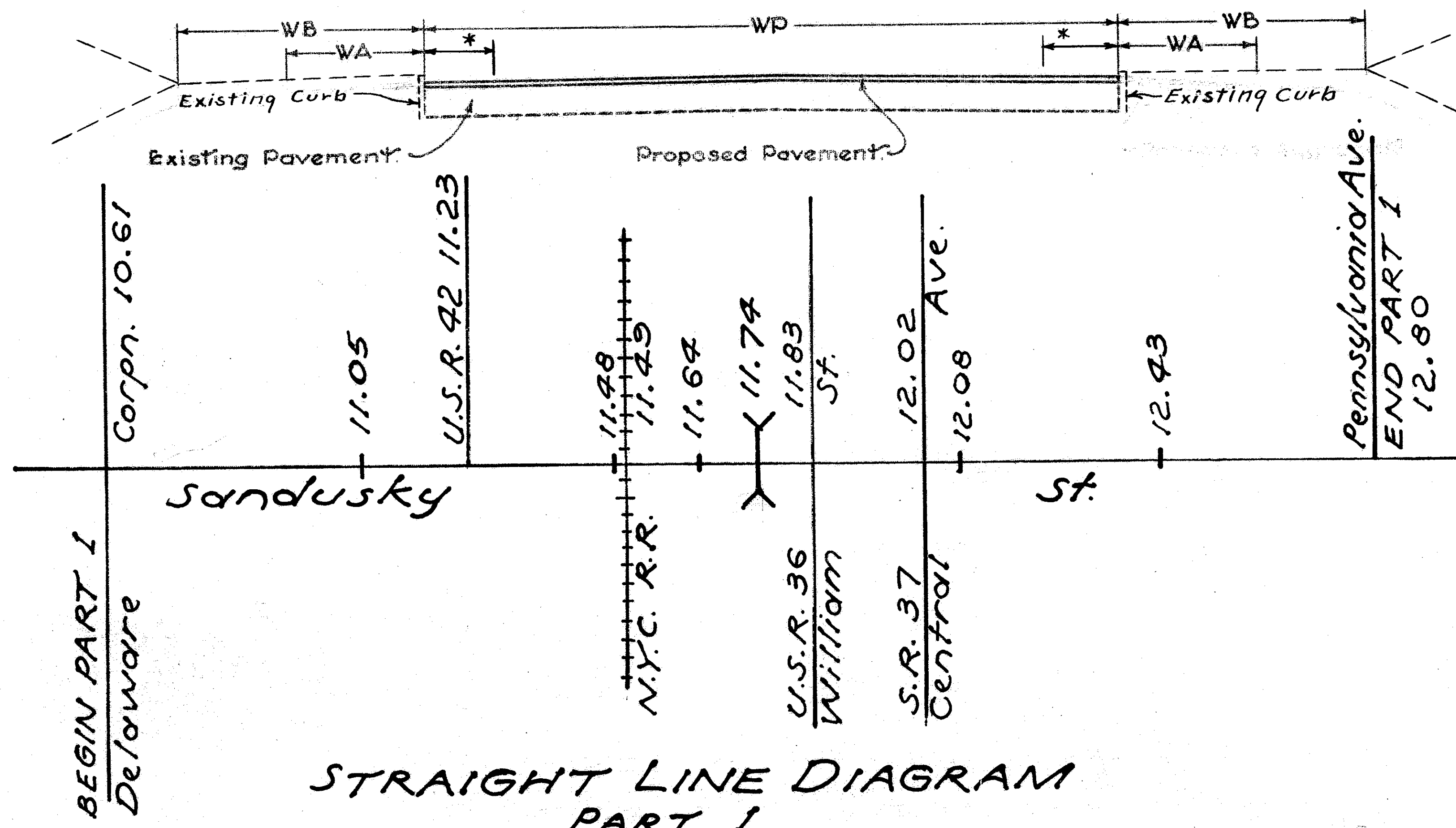
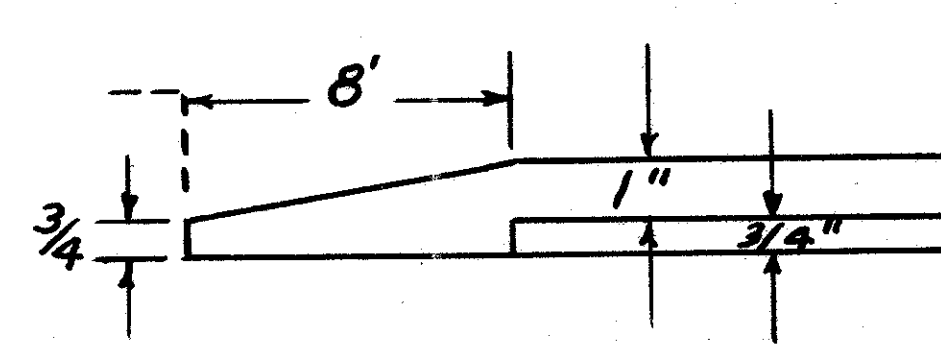
Feathering Details
 Sec. 10.61 to Sec. 11.23
 Sec. 12.43 to Sec. 12.80



Sec. 11.23 to Sec. 12.08



Sec. 12.08 to Sec. 12.43



**STRAIGHT LINE DIAGRAM
PART I**

PAVEMENT DATA

PART	SECTION TO SECTION	LENGTH		WPT FEET	EXISTING PAVEMENT TYPE & THICKNESS	PAVE- MENT AREA SQ. YDS.	PROPOSED PAVEMENT						BERMS				
							T-30 TACK COAT @ 0.10 PER SQ. YD. GALLONS	T-35		B-35		WB WIDTH FEET	I-18 AGGREGATE				
								THICK. INCHES	QUANTITY CU. YDS.		THICK. INCHES		QUANTITY CU. YDS.		WA FEET	AVE. THICK. INCHES	QUANTITY CU. YDS.
									TYPE C	TYPE			LEVELING COURSE	Type C			
1	10.61 to 11.05	0.44	2323.2	34	2" T-35 on 11" Brick-Rigid	8,776.5	878	1 1/4	305								
	11.05 to 11.23	0.18	950.4	48	2" T-35 on 11" Brick-Rigid	5,068.8	507	1 1/4	176								
	11.23 to 11.48	0.25	1320.0	48	2" T-35 on 11" Brick-Rigid	7,040.0	704	1 1/4	244	1 1/4	244						
	11.48 to 11.64	0.16	844.8	56	2" T-35 on 11" Brick-Rigid	5,256.5	526	1 1/4	183	1 1/4	183						
	11.64 to 12.08	0.44	2323.2	60	2" T-35 on 11" Brick-Rigid	15,488.0	1549	1 1/4	538	1 1/4	538						
	12.08 to 12.43	0.35	1848.0	48	2" T-35 on 11" Brick-Rigid	9,856.0	986	1	274	3/4		205					
	12.43 to 12.80	0.37	1953.6	34	2" T-35 on 11" Brick-Rigid	7,380.3	738	1 1/4	256								
	Gross	2.19	11,563.2				5888		1976		965	205					
	Deduct (R.R.)	-0.00	- 9.0														
	Net	2.19	11,554.2														
	Extra Areas						+347		+99		-220	-68					
Municipal	Total						6235		2075		745	137					

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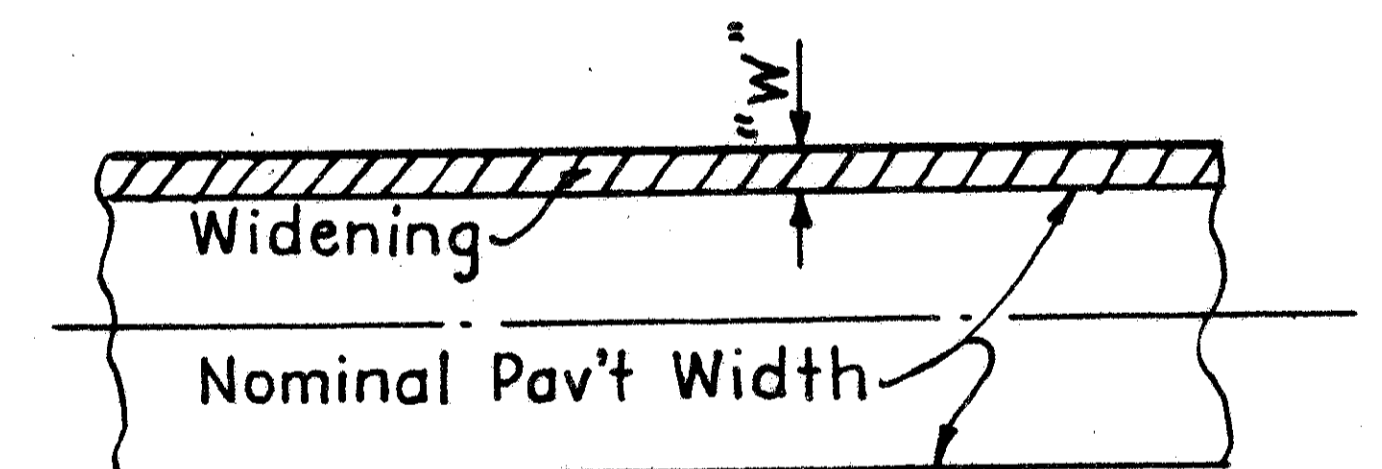
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DEL-23 - (10.61-12.43)
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 (10.18) (10.73-11.39)

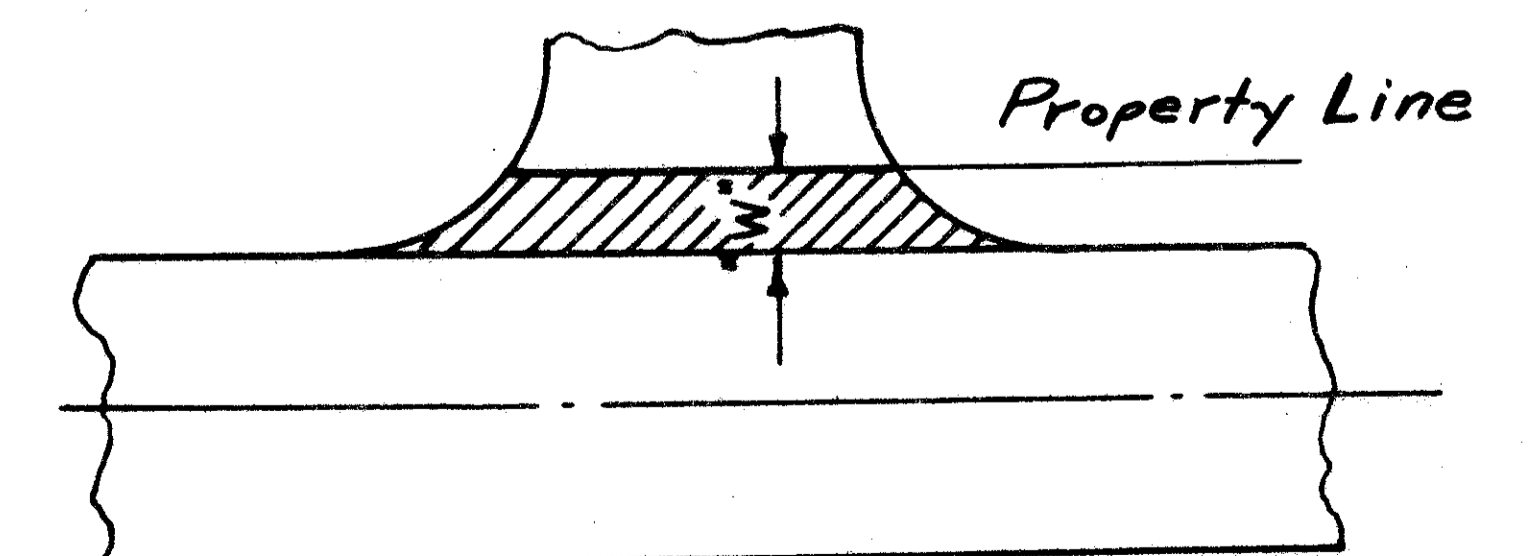
EXTRA AREAS & DEDUCTIONS

PART	FED. PROJ. NUMBER	SEC. TO SEC. LOCATION	SIDE	DESCRIPTION	LENGTH "L"		WIDTH "W"	AREA SQ. YDS.	PROPOSED PAVEMENT			
					MILES	LIN. FT.			T-30 GALS.	T-35 CU. YDS.	B-35 CU. YDS.	I-18 CU. YDS.
1		11.49		N.Y.C. R.R.	0.00	- 9.0			- 5.6	- 1.98	- 1.52	
		10.61 to 12.80		Add for drives and intersections					+353	+123		
		10.61 to 11.23										
		12.43 to 12.80	R&L	Curb Feathering						- 65		
		11.23 to 12.08	R&L	Curb Feathering						+20	-214	
		12.08 to 12.43	R&L	Curb Feathering						+23	-68 *	
		Br. N ^o 1174	R&L	Deduct 1/4" B-35 on Bridge							-4	
	Municipal			Total	0.00	- 9.0			+347	+99	-288	
2		8.63 to 9.36	R&L	Curb Feathering							- 48	
		8.63 to 9.36		Add for drives and intersections					+ 130	+ 45		
	Municipal			Total					+ 130	- 3		
3(a)		9.41		C. & O. R.R.	0.00	-22.1			- 9	- 3		
		8.94 to 9.96										
		10.18 to 10.40	R&L	Curb Feathering							- 97	
		10.73 to 11.34										
		8.94 to 9.06	Lt.	No curb								+12
		8.94 to 9.96		Add for drives and intersections					+ 229	+ 79		
		10.18 to 10.40										
		10.73 to 11.34										
				Total					+220	-21		+12

* Type "C"

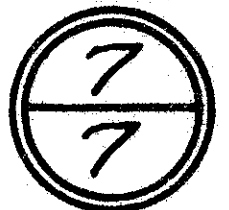


WIDENING (CURVES ETC.)



INTERSECTIONS

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		



DEL-23-(10.61-12.43)
 DEL-42-(8.63-8.72)
 DEL-36-(8.94-9.87)(10.18)(10.73-11.39)

GENERAL SUMMARY

ITEM	Total Municipal	Total Rural	Part 1 Municipal	Part 2 Municipal	Part 3(a)		Part 3(b)		GRAND TOTAL	UNIT	DESCRIPTION
					Mun.	Rural	Mun.	Rural			
I-18	15	20				12	15	8	35	Cu.Yds.	Stabilized Crushed Aggregate Shoulders and Approaches, <i>as per plan.</i>
T-30	12258	135	6235	1726	4174	70	123	65	12393	Gals.	Bituminous Tack Coat, Sec. M-5.5, MS-2 or RS-1, or Sec. M-5.2, RC-1, RC-2 or RC-3 as per Section T-30.02, <i>including sand cover.</i>
T-35	3938	42	2075	551	1278	24	34	18	3980	Cu.Yds.	Asphaltic Concrete Surface Course, Type "C" (70-85)
B-35	745		745						745	Cu.Yds.	Asphaltic Concrete Leveling Course, (70-85)
B-35	442	6	307	40	90	3	5	3	448	Cu.Yds.	Asphaltic Concrete Leveling Course, (70-85) using Type "C" Surface Course Composition, <i>as per plan.</i>
I-23	105								105	Each	Precast White Portland Cement Concrete Traffic Dividers
E-8	105								105	Each	Removal & Disposal of Existing Concrete Traffic Dividers

GENERAL NOTES

TRAFFIC:

Traffic shall be maintained at all times. The length of one-way traffic zones shall be kept to a minimum consistent with the specifications requirements for Protection of Completed Courses.

RAILROAD CROSSINGS:

The new surface course shall be feathered to meet the rail grades if necessary.

ITEM I-18:

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

ALIGNMENT AND PROFILE:

The work proposed by this project is for the resurfacing of the existing pavement. The alignment of the existing pavement will not be changed, and the profile of the proposed surface will be similar to that of the existing pavement except that it will be raised an amount equal to the thickness of the resurfacing course or courses specified in these plans.

Reference is hereby made to the following designated plans for former construction projects, portions of which cover areas included in this

proposed improvement. Copies of these plans are on file either at the Division Office of the Ohio Department of Highways, or at the office of the Administrator of Contract Sales, Columbus, Ohio.

- 1935 - DEL - S.H. 4 - Sec. Delaware
- 1946 - DEL - S.H. 332 - Sec. Delaware (pt.)
- 1943 - DEL - S.H. 336, 332, 742 - Sec. Delaware, (pt.)
- 1946 - DEL - S.H. 336, 742 - Sec. Delaware, (pt.)
- 1951 - DEL - 36 - (10.40-10.73)

General Notes Cont.
Sheet No 3