STATE OF OHIO, DEPARTMENT OF HIGHWAYS

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO	STATE	

1/3

UNI 36 - 13.73
DEL 36 - 0.00, 4.37, 5.23

File G-13

JUN 25 1964
GROUND PHOTOLAB

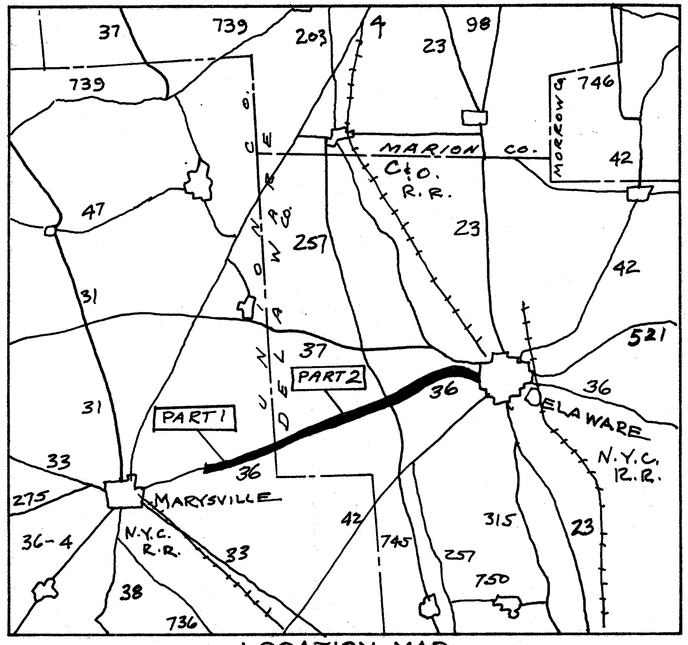
PART 1	UNION	COUNTY	U.S.R.# 36	SEC. 13.73	TO SEC. 17.13	3.40	MI.	
PART 2	DELAWARE	COUNTY	U.S.R.# 36	SEC. 0.00	TO SEC. 9.06	9.05	MI.	
PART		COUNTY	S.R.#	SEC.	TO SEC.		MI.	
PART		COUNTY	S.R.#	SEC.	TO SEC.		MI.	
PART		COUNTY	S.R.#	SEC.	TO SEC.		MI.	
PART		COUNTY	S.R.#	SEC.	TO SEC.		MI.	

NET LENGTH

GROSS LENGTH	12.45 MI.	OR	65,736 LIN. FT.
DEDUCT FOR BRIDGES	0.03 MI.	OR	131 LIN. FT.
NET LENGTH PROJECT & WORK	12.42 MI.	OR	65,605 LIN. FT.

PART	COUNTY	TOWNSHIP	CITY	VILLAGE
1	UNION	DOVER		
2	DELAWARE	SCIOTO DELAWARE	DELAWARE	

PART	DELIVERY POINT	RAILROAD	AVERAGE HAUL
1	MARYSVILLE	N. Y. C.	4.50
2	DELAWARE	N.Y.C.	4.50



LOCATION MAP

PORTION TO BE IMPROVED
STATE HIGHWAYS

SUPPLEMENTAL PRINTS OF STANDARD CONSTRUCTION DRAWINGS		SUPPLEMENTAL SPECIFICATIONS
T-35 1-2-56		

1961 SPECIFICATIONS

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 8-8-62 Division Deputy Director

Approved Guy E. Keefer
Date 8-9-62 Deputy Director Of Planning & Programming.

OK BSB 8/9/62

Approved D. H. Berman
Date 8-9-62 Engineer Of Bridges.

Approved W. Lemmon
Date 8-14-62 Engineer Of Location & Design.

Approved C. W. McCurley
Date 8-14-62 Deputy Director Of Design & Construction.

Approved
Date 8-13-62 Engineer Of Maintenance.

Approved Wm. Bamhouse
Date 8-13-62 Deputy Director Of Operations

Approved G. A. Berry
Date 8-16-62 First Assistant Director

Approved E. S. Preston
Date 8-16-62 Director Of Highways

JUN 25 1964
GROUND PHOTOLAB

247-C

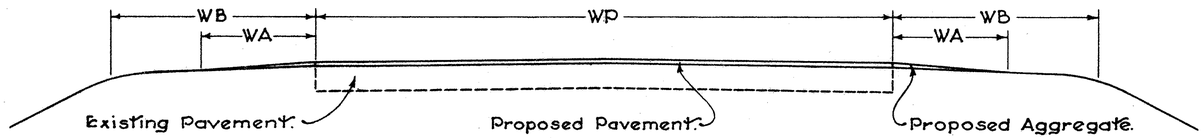
RL 8/14/62

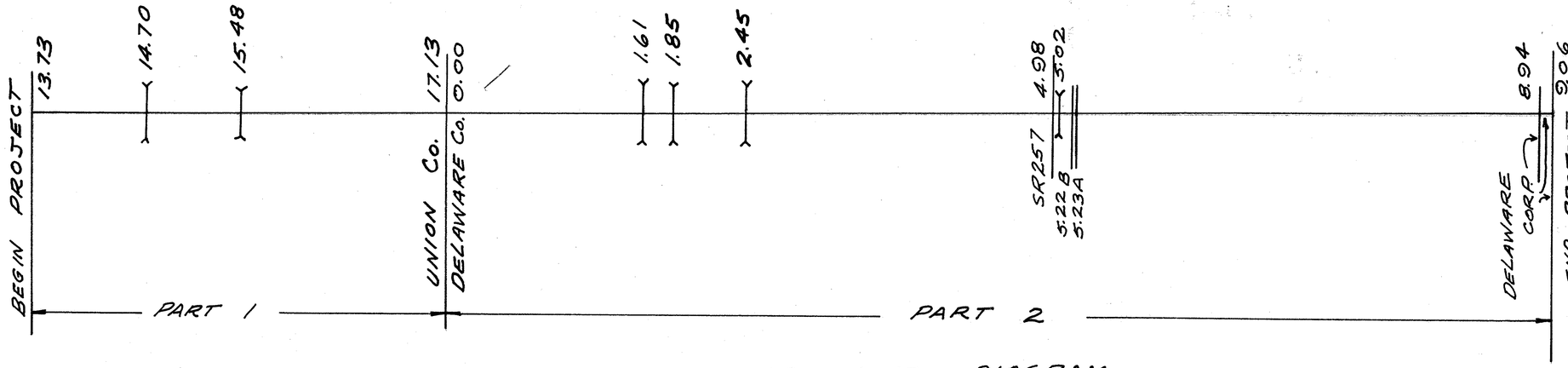
TYPICAL SECTION
TYPE T-35

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO	1962	

2/3

UNI 36 - 13.73
DEL 36 - 0.00, 4.37, 5.23





NOTE: OMIT RESURFACING ON BRIDGE Nos.
UNI 36-1548
DEL 36-0161
DEL 36-0185
DEL 36-0245

STRAIGHT LINE DIAGRAM

PAVEMENT DATA

PART		SECTION TO SECTION	LENGTH MILES	LENGTH LIN. FT.	WP FEET	EXISTING PAVEMENT TYPE & THICKNESS	PAVEMENT AREA SQ. YDS.	PROPOSED PAVEMENT: T-30 TACK COAT @ 0.10 PER SQ. YD. GALLONS	PROPOSED PAVEMENT: T-35 THICK. INCHES	PROPOSED PAVEMENT: T-35 QUANTITY CU. YDS. TYPE C	PROPOSED PAVEMENT: T-35 QUANTITY CU. YDS. TYPE	PROPOSED PAVEMENT: B-35 MIN. THICK. INCHES	PROPOSED PAVEMENT: B-35 QUANTITY CU. YDS. LEVELING COURSE		BERMS: WB WIDTH FEET	BERMS: I-18 AGGREGATE WA FEET	BERMS: I-18 AGGREGATE AVE. THICK. INCHES	BERMS: I-18 AGGREGATE QUANTITY CU. YDS.
1	UNI US36	13.73 to 17.13	3.40	17,952	20	ASPHALTIC CONC./MACADAM	39,893											
		DEDUCT FOR BRIDGE No. 1548	-0.01	- 34	20		- 76											
		EXTRA AREA FOR INTERSECTIONS, BRIDGES, CURVE WIDENING, ETC.					1,183											
		TOTAL PART 1	3.39	17,918			41,000	4,100	1	1,139		0	285		8	4	1¼	553
2	DEL US 36	0.00 to 9.06	9.05	47,784	20	ASPHALTIC CONC/MACADAM	106,187											
		DEDUCT FOR BRIDGE No. 0161	—	-16	20		- 36											
		DEDUCT FOR BRIDGE No. 0185	-0.02	- 63	20		-140											
		DEDUCT FOR BRIDGE No. 0245	—	- 18	20		- 40											
		EXTRA AREA FOR INTERSECTIONS, BRIDGES, CURVE WIDENING, ETC.					2,029											
		TOTAL PART 2	9.03	47,687			108,000	10,800	1	3,000		0	750		8	4	1¼	1,472

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO	1962	

3
3

UNI. 36- 13.73 ✓
DEL. 36- 0.00, 4.37, 5.23 ✓

GENERAL SUMMARY

ITEM	PART 1	PART 2		GRAND TOTAL	UNIT	DESCRIPTION
I-18 MOD.	553 ✓	1,472 ✓		2,025 ✓	Cu. Yds.	Stabilized Crushed Aggregate Shoulders and Approaches
T-30	4,100 ✓	10,800 ✓		14,900 ✓	Gals.	Bituminous Tack Coat, Sec. M-5.5, MS-2, ~~SS-1~~ or RS-1 or Sec. M-5.2, RC-1 or RC-2 as per Section T-30.02
T-35	1,139 ✓	3,000 ✓		4,139 ✓	Cu. Yds.	Asphaltic Concrete Surface Course, Type "C" (70-85)
B-35	285 ✓	750 ✓		1,035 ✓	Cu. Yds.	Asphaltic Concrete Leveling Course, (70-85) USING T-35, TYPE "C" COMPOSITION.

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 MOD:
SEE PROPOSAL NOTE. ✓

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.
B-35 LEVELING COURSE SHALL BE PLACED WHERE AND AS DIRECTED BY THE ENGINEER. ✓

T-30 TACK COAT—
A TACK COAT SHALL BE APPLIED AT THE RATE AND ON THE AREAS DETERMINED BY A PRE-CONSTRUCTION CONFERENCE ON THE PROJECT PRIOR TO THE START OF THE WORK. IN NO CASE SHALL THE RATE OF APPLICATION EXCEED 0.10 GAL PER SQ. YD. ✓

BRIDGES —
THE NEW SURFACE COURSE SHALL BE FEATHERED TO MEET THE EXISTING SURFACE AT EACH END OF THE BRIDGE ON WHICH RESURFACING IS OMITTED. THIS SHALL BE AS PRESCRIBED ON STANDARD DRAWING T-35, 1-2-56, AND AS DIRECTED BY THE ENGINEER. ✓