

STATE OF OHIO

DEPARTMENT OF HIGHWAYS

COLUMBUS - LANCASTER ROAD

S.H. 49. SEC. F, E-1, D-1 & D-2. PET. NO.

FRANKLIN COUNTY

MARION, TRURO & MADISON TWPS. AUG. 1931.

FED. RD. DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
10	OHIO		

FRANKLIN COUNTY
S. H. 49. SEC. F, E-1, D-1 & D-2

The Standard Specifications of the STATE OF OHIO, Department of Highways, in force on date of contract will govern this improvement.

I, hereby approve these plans and declare that the making of this improvement will require the closing to traffic of the highway, and that detours will be provided as shown on the plan and estimates, and certify that the right-of-way 60' wide is available for the construction, maintenance and repair of the above highway.

Project shall be open to traffic while concrete edges are being constructed.

Approved: _____
Date _____ Resident District
Deputy Director

Approved: L. H. Wisman
Date 8-17-31 Resident Division
Deputy Director

Approved: Edmund Hilty
Date 8-31-31 Deputy Director
Bureau of Construction

Approved: _____
Date _____ Deputy Director
Bureau of Maintenance

Approved: _____
Date _____ Deputy Director
Bureau of Bridges

Approved: H. P. Chapman
Date 8-31-31 Chief Engineer, 1st Asst. Director

Approved: Oliver Merrill
Date 8-31-31 Director of Highways

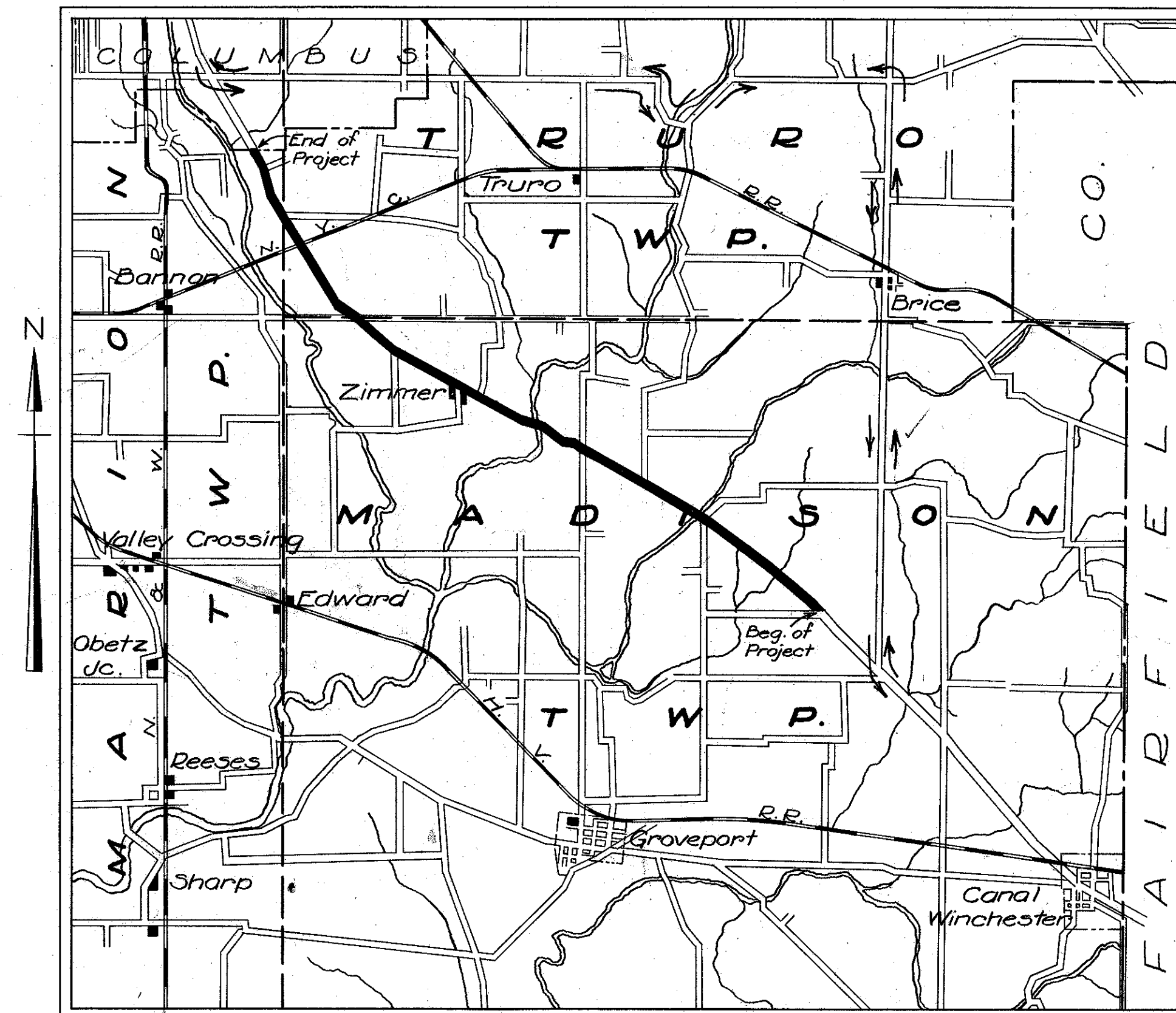
Recommended for Approval: _____
Date _____ District Engineer
Bureau of Public Roads

Recommended for Approval: _____
Date _____ Chief Engineer
Bureau of Public Roads

Approved: _____
Date _____ Chief of Bureau

~CONVENTIONAL SIGNS~

STATE LINE
COUNTY LINE
TOWNSHIP LINE
SECTION LINE
PROPERTY LINE NOT FENCED
CENTER LINE
CITY OR VILLAGE LINE
FENCE
HEDGE
TELEPHONE OR TELEGRAPH
STEAM RAILROAD
ELECTRIC LINE
GUARD RAIL
DRAIN PIPE - NEW
DRAIN PIPE - OLD



LOCATION PLAN

SCALE OF MILES

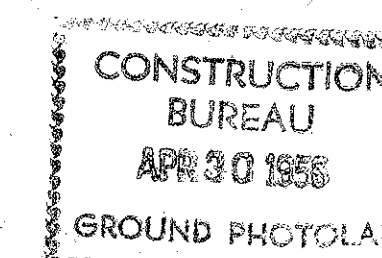


PORTION TO BE IMPROVED
DETOURS SHOWN THUS
IMPROVED ROADS

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SUPPLEMENTAL PRINTS OF STRUCTURAL STANDARDS
DRAWINGS NO. 95.



FRANKLIN 49 FE-1, D-1 & D-2.

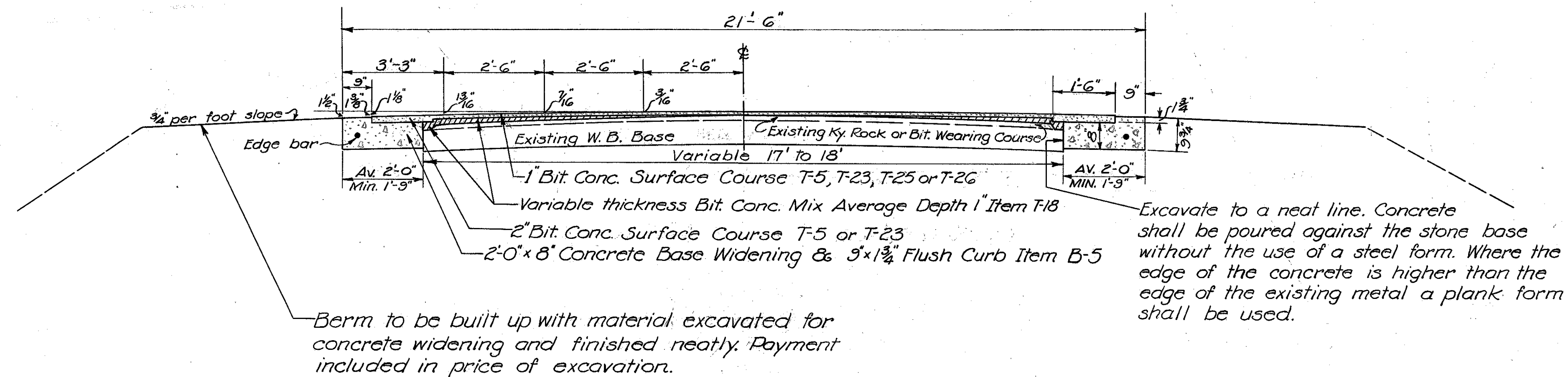
1931 Contract No. 4982
Letting Date 9-22-31

TYPICAL SECTION

TYPE T-5, T-23, T-25 or T-26 CONC. WIDENING

FED. RD. DIST. NO.	STATE	FED. AID PROJECT	FISCAL YEAR
10	OHIO		

FRANKLIN COUNTY
S. H. 49 SEC. F, E1, D1, D2



Net Length 32,326.5 lin. ft. = 6.122 miles.

ESTIMATE OF QUANTITIES		
Quantity	Items	Item No.
2450	Cu. Yds. Excavation	R-1
64,653	Lin. Ft. 2' x 8" Conc. Base and 3' x 1 1/2" Flush Curb (all 1:1 1/2)	B-5
3143	Tons Bit. Concrete Mix	T-18
61,061	Sq. Yds. 1" Bit Conc. Surface Course	T-5, T-23, T-25 or T-26
750	Tons Waterbound Macadam Base Course	B-2
10,775	Sq. Yds. 2" Bit Conc. Surface Course	T-5 or T-23

Note #1 The existing pavement consists of a 6" to 8" Water bound macadam base with a 1 1/2" crown.

Note #2 The Concrete Widening shall be built according to Item B-5 of 1:5 1/2 Mix. Limestone sand conforming to specifications may be used as a fine aggregate.

Note #3 Transverse contraction joints spaced at 30' intervals shall be used according to Std. Const. Dr. 95. If concrete is poured after Sept. 15th or before May 15th, every third joint shall be an expansion joint. Edge bars with sleeves shall be used as indicated.

Note #4 The Bit. Concrete Mix (Item T-18) will have a variable thickness varying from 0" to 3" with an average thickness of 1". The excess crown and any slight variations in the grade will be taken up in this course. Payment for this item will be on a tonnage basis.

Note #5 The Bituminous Concrete Surface Course shall have a minimum compacted thickness of 1" over the existing pavement and 2" over the concrete widening using a minimum of 100# of material per inch per sq. yd. A finishing machine shall be used in applying this course. The edge shall be finished 1/4" above the curb. The smoothness requirement for all types will be 1/4" in 10'.

Note #6 Curves shall be widened and superelevated using Water Bound Macadam as directed by the engineer. For the curve widening two 4 1/2" courses of W. B. Mac. shall be used and variable thickness of W. B. Mac. for superelevating over the existing metal.

Note #7 If the contract is awarded for T-5, surface course the same material may be used for the wedge course in place of T-18.