

STATE OF OHIO
DEPARTMENT OF HIGHWAYS

LIMITED ACCESS

FED. RD. DIVISION	STATE	PROJECT	TYPE FUNDS
2	OHIO	HI	1951

MUS-22-(27.81-27.83)
GUE-22-(0.00-3.91)

MUS-22-(27.81-27.83) ~ GUE-22-(0.00-3.91)
MUSKINGUM & GUERNSEY COUNTIES
Village of New Concord ~ Union Township ~ Muskingum Co.
Westland, Adams & Cambridge Townships ~ Guernsey Co.

CONVENTIONAL SIGNS

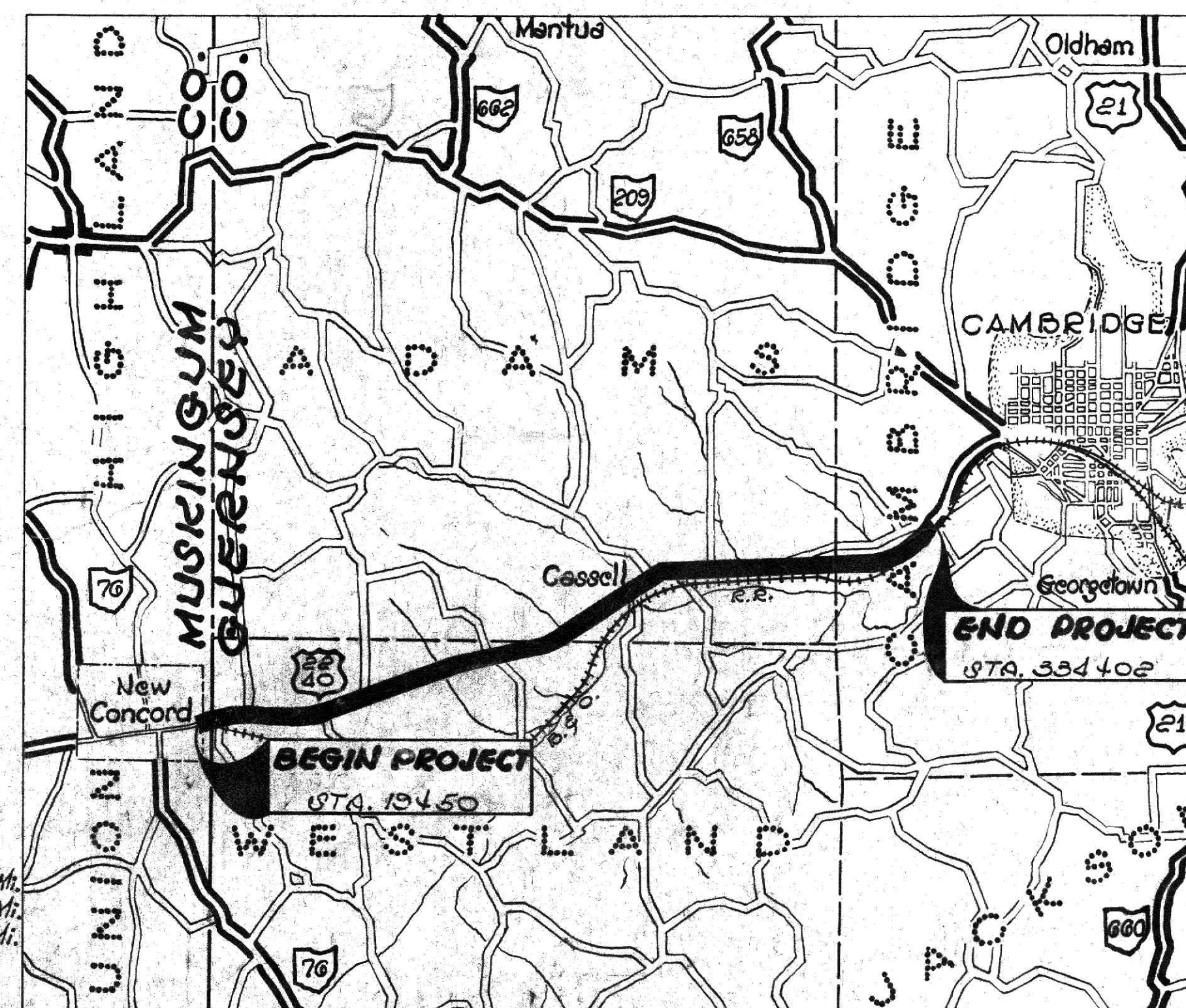
County Line	-----
Township Line	-----
Center Line	-----
City or Village Line	-----
Fence Line	-----
Pole Line	-----
Steam Railroad	-----
Guard Rail	-----
Drain Pipe (Old)	-----
Drain Pipe (New)	-----
Limit of Work	-----
Right of Way	-----

INDEX OF SHEETS

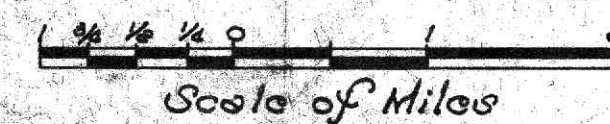
Title Sheet	1	Plan of Profile	104-22
Typical Sections	2-4	Curb & Gutter Tables	23
Typical Details	5	Manhole Details	24-27
General Notes	6	Super-elevation Tables	28-31
Calculations	7	Cross Section	32-72
Summary of Tables	8	Driveway Approaches	73-80
General Summary	9-9A	Catch Basin & Storm Sewer Details	81-84
Location Plan	10	Channel Detail	85
		Structure over 20' Span	86-91

LINE DATA

BEGIN PROJECT & WORK	Sta. 134.50	
TWO LANE CONSTRUCTION		
Muskingum Co. ~ Municipal	Sta. 134.50 to Sta. 214.33.33	139.33 Lin. Ft. or 0.035 Mi.
Muskingum Co. ~ Rural	Sta. 214.33.33 to Sta. 264.29.35	490.57 Lin. Ft. or 0.092 Mi.
Net Length Muskingum County		351.83 Lin. Ft. or 0.645 Mi.
Guernsey Co. ~ Rural	Sta. 264.29.35 to Sta. 2104.91.52	13,461.62 Lin. Ft.
	Sta. 2104.91.52 to Sta. 3294.23.72	11,729.72 Lin. Ft.
Net Length Guernsey County		30,185.34 Lin. Ft. or 5.716 Mi.
Net Length Two Lane Construction		30,537.17 Lin. Ft. or 5.645 Mi.
FOUR LANE CONSTRUCTION		
Guernsey Co. ~ Rural	Sta. 2104.91.52 to Sta. 2374.33.33 Back =	2,759.81
	Sta. 2104.33.33 (Ahead) to Sta. 2164.00.00	473.68
	Sta. 2374.33.33 to Sta. 3344.02	3,233.09 Lin. Ft. or 0.613 Mi.
Net Length Four Lane Construction		33,466.48 Lin. Ft. or 6.230 Mi.
Net Length Guernsey County		
END PROJECT	Sta. 3344.02	
Net Length Project		34,103.33 Lin. Ft. or 6.453 Mi.
Equation	Sta. 3344.02 Back = Sta. 2374.72 Ahead	
END WORK	Sta. 4147.72	1300 Lin. Ft. or 0.246 Mi.
NET LENGTH OF WORK		35,403.33 Lin. Ft. or 6.705 Mi.



~ LOCATION PLAN ~



Portion to be improved
State Highways
Other Roads

SCALES

Plan	1" = 100'
Profile Vert.	1" = 10'
Profile Hor.	1" = 100'
Grades Sections	1" = 5'

STANDARD CONSTRUCTION DRAWINGS

L-3	4-1-30 T-15 No.1	3-1-17 F-50-10 TIE No.1	104-47
L-3-A	4-1-30 T-15 No.2	6-1-49 B-7-T-1A	12-51
L-7	4-1-60 T-35	5-1-60 F-8-C-B No. 3-A	5-15-51
L-12, 3, 4, 5	2-20-45 T-21	1-2-51	
L-8-CB-2-A-E-B	1-2-51 F-5-3-47 A-5-4-47	7-7-49 L.J. No.1	8-1-51
L-8-CB No. 7	5-1-47 5-27-PC-2	3-1-48 T.J. No.1	8-1-51
L-8-CB-2-A-E-B	1-2-51 5-27-PC-3	2-20-45 T.J. No.2	8-1-51
F-8-CB No. 3	5-1-51 R-1	5-1-51 T.J. No.3	8-1-51
L-12	3-15-48 G-8-07	5-1-51	

SUPPLEMENTAL SPECIFICATIONS

5	5-28-48
31	6-13-49
T-17-19	Rev. 7-31-50
M-10-25	Rev. 7-25-51

The Standard Specifications of the State of Ohio Department of Highways including changes and supplemental specifications listed in the proposal shall govern this improvement.

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.

The Right of Way necessary for this improvement will be provided by the State of Ohio.

Approved Osvald F. Schilling
Date October 24-51 Resident Division Deputy Director.

Approved _____
Date _____ Chief Engineer, Bureau of Maintenance.

Approved Richard Orlin
Date 11-23-51 Chief Engineer, Bureau of Bridges & R.R. Kings.

Approved W.B. Williams
Date 11-26-51 Chief Engineer, Bureau of Location & Design.

Approved V.F. Schuller
Date 11-26-51 First Assistant Director & Chief Engineer.

Approved T. Schuller
Date 11-26-51 Director of Highways.

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

RECOMMENDED FOR APPROVAL: ~

DISTRICT ENGINEER DATE

APPROVED: ~

DIVISION ENGINEER DATE

NOTE: ~

For Equations with
Federal Aid Projects
See Sheet 10

File Muskingum Co. Mus-22-(27.81-27.83)
Guernsey Co. Gue-22-(0.00-3.91)
Date of Letting
Contract No.