

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
LAK-91-2.72
CITY OF WILLOUGHBY
LAKE COUNTY

U-662 (8)

FED. RD. DIVISION	STATE	PROJECT	FISCAL YEAR
2	OHIO	U-662(8)	1968

1
59

LAKE COUNTY
LAK-91-2.72

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR OF HIGHWAYS IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE REVISED CODE OF OHIO BETWEEN EUCLID AVE. (US20) AND THE END OF WORK.

1967 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 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 REQUIRE THE CLOSING OF THE HIGHWAY TO TRAFFIC AND THAT DETOURS WILL BE PROVIDED AS INDICATED ON THE PLANS

APPROVED

DATE 1-31-68

Charles J. Yurick
DIVISION DEPUTY DIRECTOR

APPROVED

DATE 3-6-68

R.E. Gathie
ENGINEER OF LOCATION & DESIGN

APPROVED

DATE 3-18-68

T.H. Board
DEPUTY DIRECTOR OF RIGHT OF WAY

APPROVED

DATE 3-18-68

Thomas M. Major
DEPUTY DIRECTOR OF PLANNING & PROGRAMMING

APPROVED

DATE 3-6-68

P.E. Schultz
DEPUTY DIRECTOR OF DESIGN & CONSTRUCTION

APPROVED

DATE 3-18-68

J.W. Williams
FIRST ASSISTANT DIRECTOR

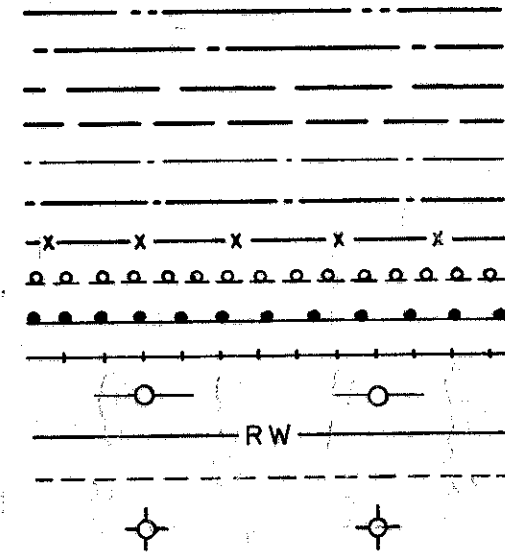
APPROVED

DATE 3-18-68

P.E. Markert
DIRECTOR OF HIGHWAYS

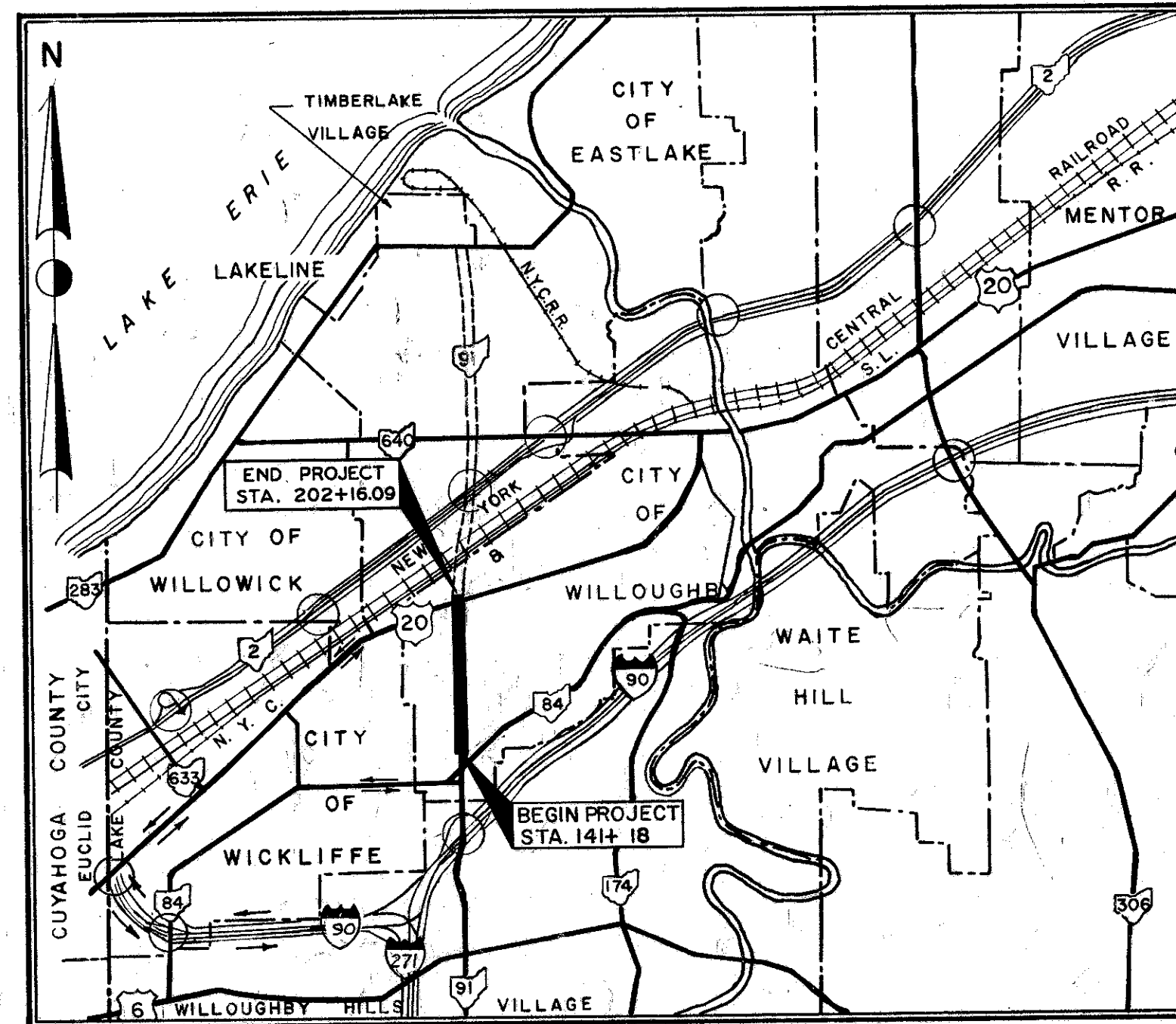
CONVENTIONAL SIGNS

- STATE LINE
- COUNTY LINE
- TOWNSHIP LINE
- SECTION LINE
- CENTER LINE
- CORPORATION LINE
- FENCE LINE
- GUARD RAIL (EXISTING)
- GUARD RAIL (PROPOSED)
- RAILROAD
- UTILITY POLES
- RIGHT OF WAY
- CONSTRUCTION LIMITS
- EXISTING STREET LIGHTING

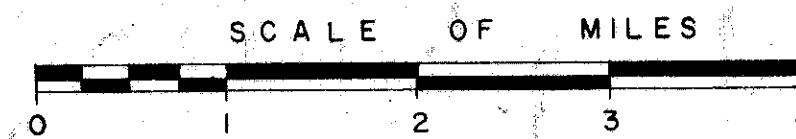


INDEX OF SHEETS

TITLE SHEET	1
TYPICAL SECTIONS	2
GENERAL NOTES	3-4
SHEET 5 NOT USED	
CALCULATIONS	6
RECAPITULATION & GENERAL SUMMARIES	7, 8, 8a, 8b
S.R. 91 PLAN & PROFILE	9-14
S.R. 20 PLAN & PROFILE	15
EXTRA AREA DETAILS	16
SHEET 17 NOT USED	
CROSS SECTIONS	18-44
DRIVE DETAILS	45
CULVERT DETAILS	46-48
TREE WELL DETAILS	49
GUARD RAIL END ASSEMBLY DETAILS	49A
RIGHT OF WAY	50-59

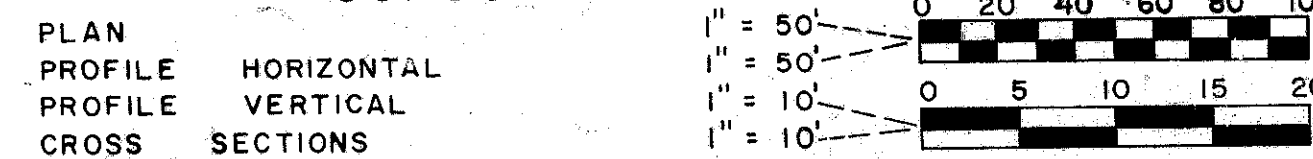


LOCATION MAP



- UNDER CONSTRUCTION
- STATE HIGHWAYS
- OTHER HIGHWAYS (FREEWAYS)
- PORTION TO BE IMPROVED
- DETOUR SHOWN THUS

SCALES



DESIGN DESIGNATION

ADT 64	3,090
ADT 88	10,100
DHV	1,400
DIR. DISTRIBUTION	60-40
TRUCK TRAFFIC	7%
DESIGN SPEED	50 MPH

LINE DATA

LENGTH OF PROJECT

BEGIN PROJECT STA. 141+18
END PROJECT STA. 202+16.09
TOTAL LENGTH OF PROJECT = 6,098.09 LIN. FT.
OR 1.155 MI.

LENGTH OF WORK

BEGIN WORK STA. 141+18
END WORK STA. 202+20
6,102 LIN. FT.

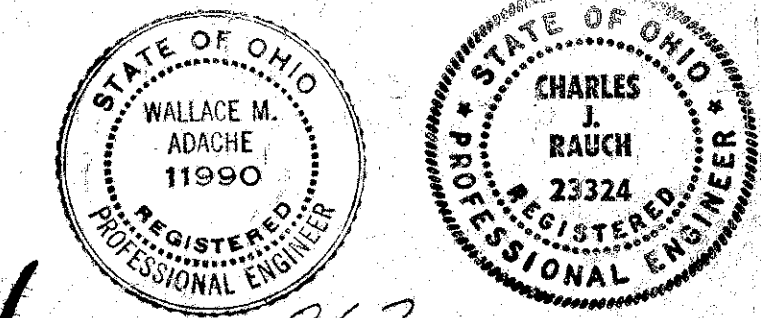
ADDITIONS FOR U.S.R. 20:
STA. 1+68.37 TO STA. 8+65.70 697.33 LIN. FT.
STA. 9+34.30 TO STA. 15+31.62 597.32 LIN. FT.
TOTAL LENGTH OF WORK = 7,396.65 LIN. FT.
OR 1.401 MI.

* SEE SHEET NO. 4 FOR LIST OF 1963 AND SUPERSEDING 1967 STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS

* SUPPLEMENTAL SPECIFICATIONS	* STANDARD CONSTRUCTION DRAWINGS							
	DRAWING NO.	DATE	DRAWING NO.	DATE	DRAWING NO.	DATE	DRAWING NO.	DATE
NUMBER	BP-5	6-1-65	HW-E	6-1-65	L-1	6-1-65		
801	BP-6	6-1-65	CB 2-2-A & B	6-1-65				
814	BP-7	1-1-66						
1001	MC-1	10-1-67	I-2	6-1-65	SBC-45 (SHTS. 1 & 2)	9-18-47		
	MC-3	5-1-66	MH-1	6-1-65	SP-53	6-30-61		
	MC-4	6-1-65	MH-1A	8-1-66				
	MC-6	6-1-65						
	FAC I-1	9-15-67	GR-1	1-1-67				
	FAC I-2	6-1-65	GR-2A	1-1-67				

FILE NO.	LAKE COUNTY	LAK-91-2.72
	DATE OF LETTING	1968
	CONTRACT NO.	

000841



PLANS PREPARED BY
ADACHE ASSOCIATES INC. ENGINEERS
CLEVELAND 42, OHIO

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
BUREAU OF PUBLIC ROADS
APPROVED: _____ DATE _____
DISTRICT ENGINEER