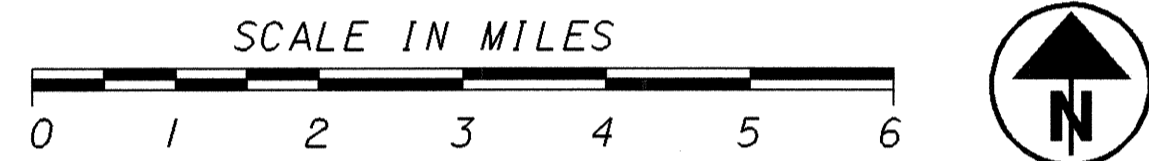


LOCATION MAP

LATITUDE: N 41°-38'-16" LONGITUDE: W 81°-22'-47"



PORTION TO BE IMPROVED.....
 STATE & FEDERAL ROUTES.....
 OTHER ROADS.....

DESIGN DESIGNATION IR-90
 CURRENT ADT (2003).....68,380
 DESIGN YEAR ADT (2023).....91,940
 DESIGN HOURLY VOLUME9,194
 DIRECTIONAL DISTRIBUTION.....60%
 TRUCKS (24 HOUR B&C).....16%
 DESIGN SPEED.....70 MPH
 LEGAL SPEED.....65 MPH

DESIGN FUNCTIONAL CLASSIFICATION - FREEWAY (URBAN)

DESIGN EXCEPTIONS: NONE REQUIRED

STATE OF OHIO
 DEPARTMENT OF TRANSPORTATION

LAK-90-6.71

CITY OF MENTOR
 CITY OF WILLOUGHBY

LAKE COUNTY

PROJECT DESCRIPTION:

EXTENSION OF ADD LANE AND SHOULDER EASTBOUND FROM SLM 6.98 TO SLM 7.99. ADDITIONAL WORK SHALL INCLUDE PLANING, PAVING AND STRIPING OF EXISTING LANES FROM SLM 6.71 TO SLM 7.99 EASTBOUND.

LIMITED ACCESS

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE REVISED CODE OF OHIO.

1997 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, 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 IN THE PLANS AND ESTIMATES.

INDEX OF SHEETS:

TITLE SHEET.....1
 SCHEMATIC PLAN.....2
 TYPICAL SECTIONS.....3
 GENERAL NOTES.....4,5,5A,6,7
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 MAINTENANCE OF TRAFFIC DETAILS.....14-16
 GENERAL SUMMARY.....17-18
 CALCULATIONS & SUB-SUMMARIES.....19-20
 PLAN SHEETS.....21-24
 CROSS SECTIONS.....25-32
 MISCELLANEOUS DETAILS.....33-35
 TRAFFIC CONTROL PLANS.....36-43
 TRAFFIC CONTROL DETAILS.....44,44A,45

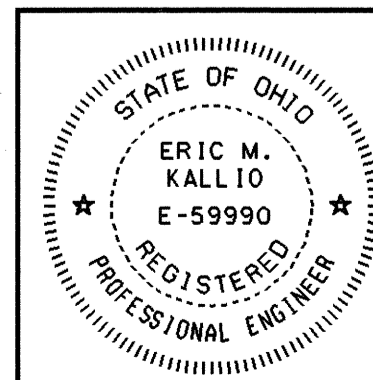
STANDARD CONSTRUCTION DRAWINGS

SUPPLEMENTAL SPECIFICATIONS

STANDARD CONSTRUCTION DRAWINGS						SUPPLEMENTAL SPECIFICATIONS			
BP-3.1	07-28-00	CB-3.2	07-20-01	TC-41.10	01-19-01	MT-35.10	04-20-01	806	9-9-97
BP-9.1	07-28-00			TC-41.20	01-19-01			828	12-14-00
		MH-1.1	07-20-01	TC-42.10	01-19-01	MT-95.30M	04-25-94	858	11-7-00
GR-1.1M	10-21-97					MT-95.40M	04-25-94		
GR-1.2M	01-03-96	DM-1.1	07-20-01	TC-52.10	04-20-01			870	3-27-01
GR-1.3M	11-30-94	DM-1.2	07-20-01	TC-52.20	04-20-01	MT-98.12M	06-24-93	877	4-13-99
GR-2.1M	04-14-98	DM-2.1	07-20-01			MT-98.13M	06-24-93	880	11-7-00
GR-3.1M	10-21-97	DM-4.3	07-20-01	TC-65.10	10-19-01	MT-98.14M	06-24-93		
GR-4.2M	10-21-97	DM-4.4	07-20-01	TC-65.11	10-19-01	MT-98.15M	06-24-93	905	4-1-98
						MT-98.16M	06-24-93	906	5-5-98
								908	11-7-00
RM-4.2	01-18-02			TC-72.20	01-19-01				
RM-4.3M	10-21-97					MT-105.10M	04-25-94		
RM-4.5M	10-21-97					MT-105.11M	04-25-94	932	10-2-96

UNDERGROUND UTILITIES
 TWO WORKING DAYS
 BEFORE YOU DIG
 CALL 1-800-362-2764 (TOLL FREE)
 OHIO UTILITIES PROTECTION SERVICE
 NON-MEMBERS
 MUST BE CALLED DIRECTLY

PLAN PREPARED BY:
**OHIO DEPARTMENT OF
 TRANSPORTATION**
 DISTRICT 12
 LOCATION & DESIGN



APPROVED *Alfred Pugh*
 DATE 2/17/03 DISTRICT DEPUTY DIRECTOR

APPROVED _____
 DATE _____ DIRECTOR, DEPARTMENT OF
 TRANSPORTATION

PLOTTED FROM: I:\PROJECTS\PI\23129\23129qta.dgn

FEDERAL PROJECT NO.
 TE21 6020(308)

PID NO.
 23/29

CONSTRUCTION PROJECT NO.

RAILROAD INVOLVEMENT
 NONE

LAK-90-6.71