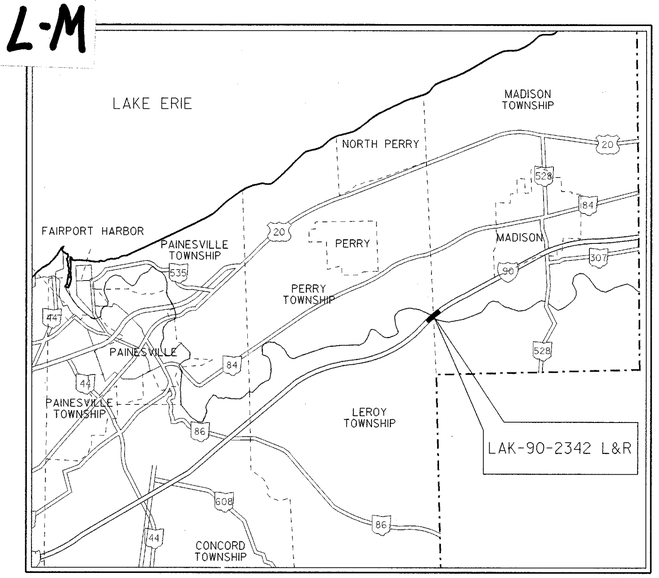
L-M



LOCATION MAP

SCALE IN MILES

0 1 2 3

N

PORTION TO BE IMPROVED
STATE & FEDERAL ROUTES
OTHER ROADS

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

LAK-90-23.42

LEROY TOWNSHIP
MADISON TOWNSHIP
PERRY TOWNSHIP
LAKE COUNTY

MICROFILMED
FEB 13 1997

PROJECT DESCRIPTION:
BRIDGE SLOPE REPAIR & PROTECTION AT I-90 OVER THE GRAND RIVER.

BR-4-95

INDEX OF SHEETS:

TITLE SHEET 1
GENERAL NOTES 2
ESTIMATED QUANTITIES 3
GENERAL PLAN AND ELEVATION 4
PLAN SHEET WEST SLOPE 5
PLAN SHEET EAST SLOPE 6
PROFILES 7-10
MISCELANEOUS DETAILS 11
MAINTENANCE OF TRAFFIC 12-13

DESIGN DESIGNATION

CURRENT ADT (1990)	25,680
DESIGN YEAR ADT (2010)	28,248
DESIGN HOURLY VOLUME	2,825
DIRECTIONAL DISTRIBUTION	55%
TRUCKS (24 HOUR B&C)	5%
DESIGN SPEED	60 MPH
LEGAL SPEED	55 MPH

DESIGN FUNCTIONAL CLASSIFICATION - FREEWAY

DESIGN EXCEPTIONS: NONE

LINE DATA

PROJECT LIMITS:

BEGIN WORK	STA. 830+09		
END WORK	STA. 838+68.50	= 859.5	LIN. FT.
	TOTAL	= 859.5	LIN. FT. OR 0.16 MILES

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.

1995 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.

APPROVED Bryan J. Harden
DATE 2-2-95 DISTRICT DEPUTY DIRECTOR

APPROVED
DATE ENGINEER, BUREAU OF BRIDGES AND STRUCTURAL DESIGN

APPROVED Alexander H. Hyndo
DATE 3-27-95 DEPUTY DIRECTOR, OPERATIONS

APPROVED Jerry Wray
DATE 3-27-95 DIRECTOR, DEPARTMENT OF TRANSPORTATION

STANDARD CONSTRUCTION DRAWINGS							SUPPLEMENTAL SPECIFICATIONS
MT 105.10	7/1/92						
MT 105.11	7/1/92						
TC-35.10	8/29/84						
MC-4	7/26/76						

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
BRIDGE DEPARTMENT

FEDERAL PROJECT NO.

PID NO. 14742

CONSTRUCTION PROJECT NO. 518 8-30-95

RAILROAD INVOLVMENT NONE

LAK-90-23.42

PLOT SUBMITTED: 02-FEB-1995 10:24
09866GTA.dgn
PLOTTED BY: malloy
PLOTTED FROM: c:\dgn\bridges\weber\1902342\cntrs.dg