

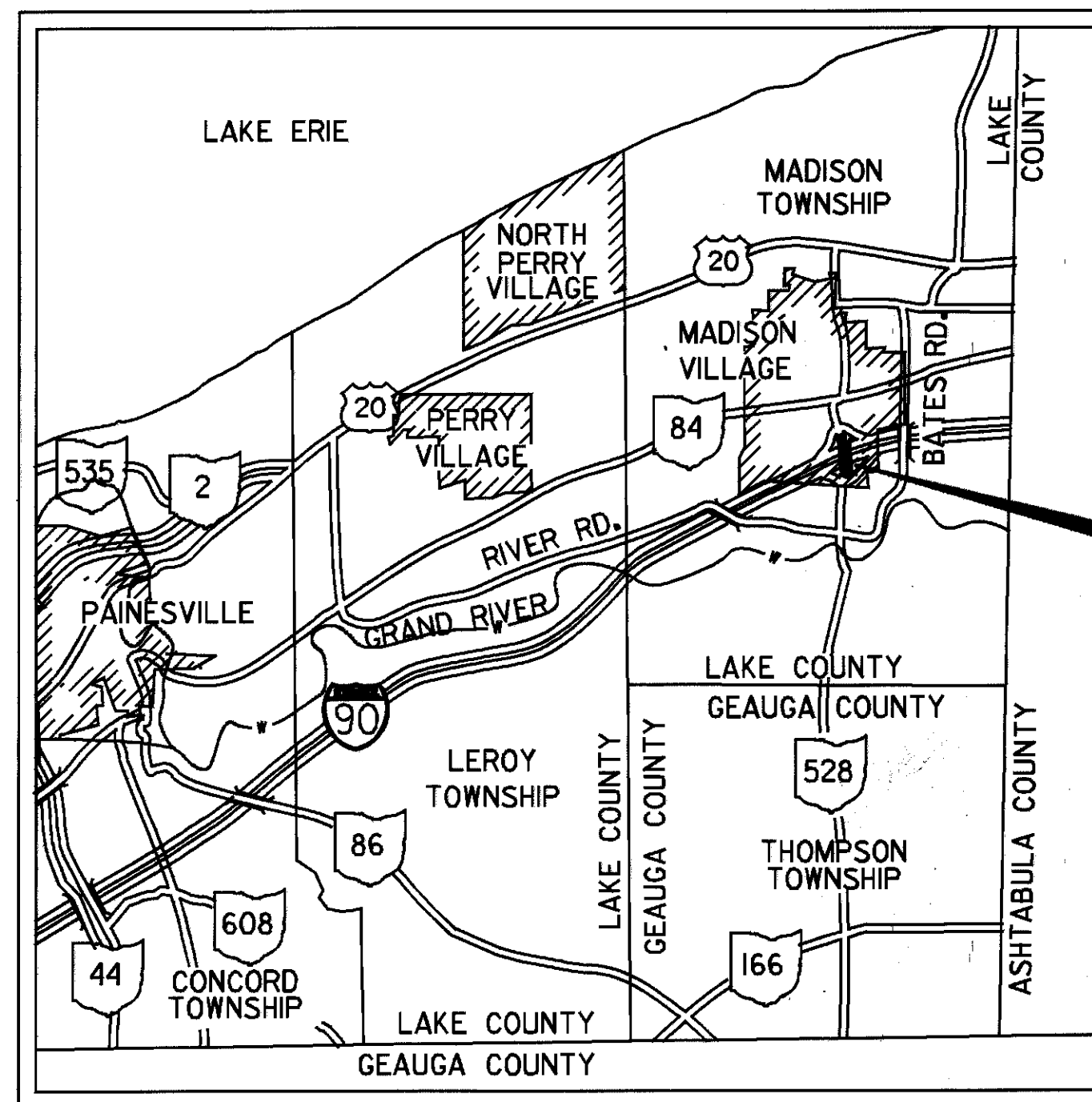
STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

LAK-90-26.87

MADISON VILLAGE
LAKE COUNTY

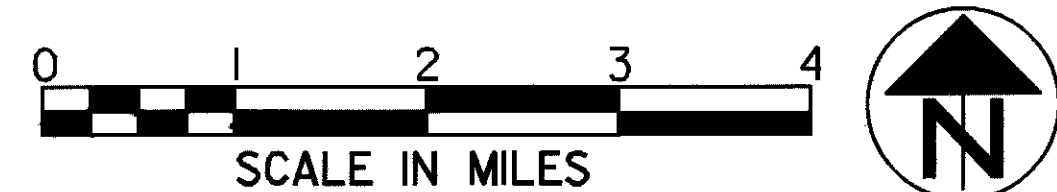
PROJECT DESCRIPTION

WIDENING AND REHABILITATION OF STATE ROUTE 528 BRIDGE OVER INTERSTATE 90 WITH ASSOCIATED ROADWAY WORK FOR AN APPROXIMATE WORK LENGTH OF 0.2 MILES THAT INCLUDES PROVIDING A NEW WIDENED BRIDGE DECK, NEW ABUTMENT BACKWALLS, NEW APPROACH SLABS, NEW ABUTMENT DRAINAGE, NEW VANDAL PROTECTION FENCE, NEW STRIP SEAL EXPANSION DEVICES AND NEW REINFORCED CONCRETE SLOPE PROTECTION, WIDENING THE EXISTING ABUTMENTS AND PIERS, TRANSITIONING THE APPROACH ROADWAY AND INSTALLING NEW GUARDRAILS.



LAK-90-26.87
STRUCTURE

LOCATION MAP
LATITUDE: N41°45' 33" LONGITUDE: W81°02' 52"



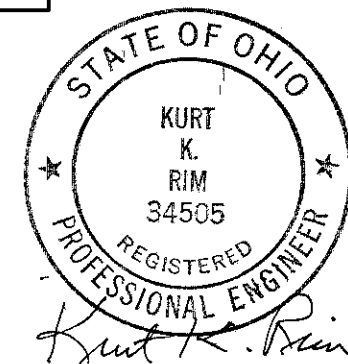
PORTION TO BE IMPROVED _____
STATE AND FEDERAL ROUTES _____
OTHER ROADS _____

DESIGN DESIGNATION
S.R. 528 OVER I-90

CURRENT ADT (1995) 7130
DESIGN YEAR ADT (2015) 10620
DESIGN HOURLY VOLUMN (2015) 850
DIRECTIONAL DISTRIBUTION 55%
TRUCK (24 HOUR B&C) 4%
DESIGN SPEED 60 MPH
LEGAL SPEED 35 MPH
DESIGN FUNCTIONAL CLASSIFICATION URBAN
PRINCIPAL ARTERIAL

DESIGN EXCEPTIONS NONE REQUIRED

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



PLANS PREPARED BY
THE OSBORN ENGINEERING COMPANY
CLEVELAND, OHIO 44114

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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 EXCEPT AS NOTED ON SHEETS 6 & 7. AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

STANDARD CONSTRUCTION DRAWINGS

STANDARD CONSTRUCTION DRAWINGS							SUPPLEMENTAL SPECIFICATIONS	
BP-3.1	02-21-92	MC-7	10-15-76	MT-95.30M	04-25-94		806	09-09-97
BP-5.1	10-28-94	RM-4.2M	10-21-97	MT-95.40M	04-25-94	TC-41.10M 03-31-94	838	05-06-97
		DM-4.3M	06-30-95	MT-96.11M	01-30-95	TC-41.20M 07-01-94	843	05-05-98
GR-1.1M	10-21-97			MT-96.21M	01-30-95	TC-42.10M 03-31-94	844	05-05-98
GR-1.2M	01-03-96	PCB-91	04-24-92	MT-96.26M	01-30-95	TC-42.20M 03-31-94	846	09-09-97
GR-1.3	02-21-92			MT-97.10M	04-25-94	TC-52.10M 07-29-94	863	09-09-97
GR-2.1M	04-14-98	AS-1-81	09-15-94	MT-98.13M	06-24-93	TC-52.20M 07-29-94	954	09-09-97
GR-3.1M	10-21-97	BR-1	12-15-94	MT-98.15M	06-24-93	TC-65.10M 11-01-95		
GR-4.3M	10-21-97	BS-1-93	12-19-94	MT-101.20M	03-01-96	TC-82.10M 11-24-93		
GR-4.4	02-21-92	EXJ-4-87	02-14-97	MT-101.60M	04-25-94	TC-83.10M 11-24-93		
GR-5.1	10-30-92	RB-1-55	02-02-59	MT-101.70M	03-01-96	TC-84.20M 11-24-93		
GR-5.2	10-30-92	GSD-1-96	02-12-97	MT-105.10M	04-25-94	TC-85.20M 11-24-93		
		VPF-1-90	03-20-90	MT-105.11M	04-25-94			

SPECIAL PROVISIONS
A+B BIDDING 10-28-98

APPROVED *[Signature]*
DATE 30 OCT 98 DISTRICT DEPUTY DIRECTOR

APPROVED *[Signature]*
DATE 11-17-98 DIRECTOR, DEPARTMENT OF TRANSPORTATION

FEDERAL PROJECT NO.
TE21G990 (035)

PD NO.
12035

CONSTRUCTION PROJECT NO.

RAILROAD INVOLVEMENT
NONE

LAK-90-26.87

LAK-IR 90-26.87
9900080
DIST 12

PID #2035
2-17-99
021

Drawn by: [Name]
Date: [Date]