

9-A  
SEP 22 1994

# STATE OF OHIO DEPARTMENT OF TRANSPORTATION

LAK-90-(8.77)(10.51)(12.97)(13.70 L & R)(14.87 L & R)(16.41 L & R)  
(19.21)(20.03 L & R)(21.10 L & R)(22.10)(29.20)

LAKE COUNTY LAK-90-(8.77)(10.51)(12.97)(13.70 L & R) (14.87 L & R)(16.41 L & R)(19.21)(20.03 L & R) (21.10 L & R)(22.10)(29.20)	OHIO FHWA REGION 5	1 101
IR-90-1(148) 52	FEDERAL PROJECT	

NOTE: LAK-90-8.77/29.20 APPEARING THROUGHOUT THIS PLAN SHALL BE CONSIDERED TO READ AS SHOWN ABOVE.

IR-90-1(148) 52

**DESIGN DATA**

CURRENT ADT (1987)	= 25,500
DESIGN ADT (2007)	= 36,200
% TRUCKS	= 22%
DHV	= 3,620
D	= 50/50
V	= 60 MPH / 70 MPH
LEGAL SPEED	= 55 MPH / 65 MPH
FUNCTIONAL CLASSIFICATION	= INTERSTATE

CITY OF MENTOR, VILLAGE OF KIRTLAND HILLS,  
TOWNSHIPS OF CONCORD, LEROY, MADISON & HARPERSFIELD  
LAKE COUNTY (ASHTABULA COUNTY)

**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.

**1989 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.

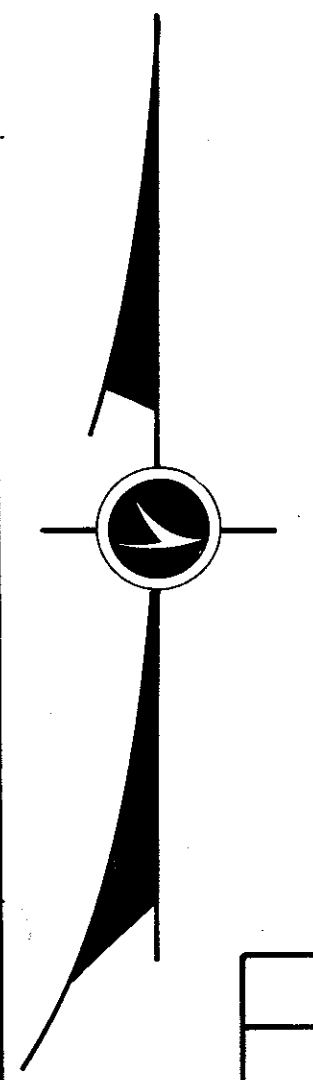
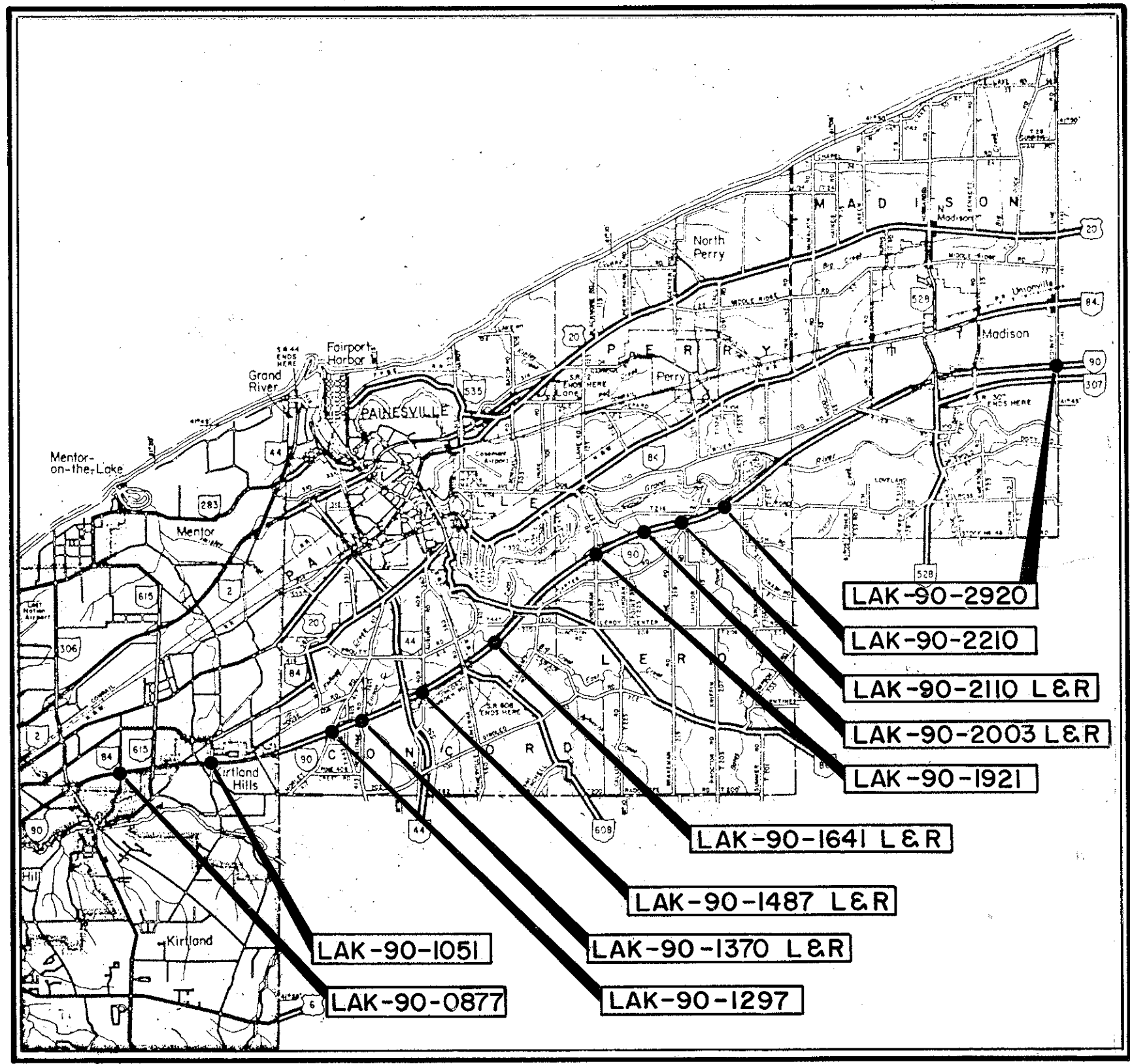
I hereby approve these plans and declare that the making of this improvement will not require the closing to traffic of the highway, except as noted on sheets 75 through 100 inclusive, and that provisions for the maintenance and safety of traffic will be as set forth on the plans and estimates.

**CONVENTIONAL SIGNS**

County Line	-----	Limited Access (only)	-----	LA
Township Line	-----	Right of Way (only)	-----	RW
Section Line	-----	Limited Access & Right of Way	-----	LA & RW
Corporation Line	-----	Existing Right of Way	-----	
Fence Line (existing)	-x-x-	Property Line	-----	(in existing fence)
Center Line	-----	Railroad	-----	or -----
Trees, Stumps	(to be removed)	Guardrail (exist.)	-----	(prop.)
Utility Poles: Telephone	φ	Manholes (exist.)	○	(adjst.) ● (prop.)
		Catch or Inlet Basins (exist.)	□	(adjst.) ▣ (prop.)

**INDEX OF SHEETS**

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

LOCATION MAP

Portion to be improved: \_\_\_\_\_  
State & Federal Routes: \_\_\_\_\_  
Other Roads: \_\_\_\_\_

**SCALES**

Plan: \_\_\_\_\_  
Profile: \_\_\_\_\_ Horizontal \_\_\_\_\_, Vertical \_\_\_\_\_  
Cross Section: Horizontal \_\_\_\_\_, Vertical \_\_\_\_\_

SUPPLEMENTAL SPECIFICATIONS

NO. 849	12-24-85	NO. 952	12-14-88
NO. 845	5-31-88	NO. 953	8-21-80
NO. 847	10-17-83	NO. 956	6-26-78
NO. 852	6-10-87		
NO. 853	6-26-78		
NO. 921	12-4-72		
NO. 947	10-17-83		

**LINE DATA**

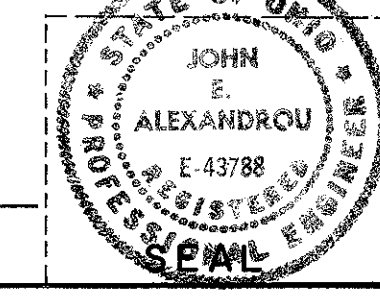
STRUCTURE NO.	FEATURE	PROJECT LENGTH	WORK LENGTH
LAK-90-8.77	GARFIELD RD.		BEGIN WORK STA. 52+82.16 BEGIN PROJECT STA. 317+84.97 26,502.81 L.F. END WORK STA. 35+18 831 L.F.
LAK-90-10.51	HART RD.		BEGIN WORK STA. 26+87 END WORK STA. 33+38 686 L.F.
LAK-90-12.97	MORLEY RD.		BEGIN WORK STA. 26+66 END WORK STA. 33+28 662 L.F.
LAK-90-13.70 L & R	HERMITAGE RD.	BEGIN PROJECT STA. 317+84.97 SUSPEND " STA. 319+34.33 149.36 L.F.	RESUME WORK STA. 306+14 SUSPEND " STA. 331+06 2492 L.F.
LAK-90-14.87 L & R	AUBURN RD.	RESUME " STA. 379+32.57 SUSPEND " STA. 381+45.33 212.76 L.F.	RESUME " STA. 369+54 SUSPEND " STA. 395+20 2566 L.F.
LAK-90-16.41 L & R	BIG CREEK	RESUME " STA. 460+27.75 SUSPEND " STA. 463+72.25 344.50 L.F.	RESUME " STA. 450+40 SUSPEND " STA. 473+50 2310 L.F.
LAK-90-19.21	VROOMAN RD.		BEGIN WORK STA. 27+35 END WORK STA. 32+70 535 L.F.
LAK-90-20.03 L & R	PAINE CREEK	RESUME " STA. 651+26.35 SUSPEND " STA. 656+21.80 495.45 L.F.	RESUME WORK STA. 641+75 SUSPEND " STA. 660+95 1920 L.F.
LAK-90-21.10 L & R	PAINE RD.	RESUME " STA. 707+86.15 END PROJECT STA. 709+24.05 137.90 L.F.	RESUME " STA. 703+55 SUSPEND " STA. 718+95 1540 L.F.
LAK-90-22.10	FORD RD.		BEGIN WORK STA. 26+83 END WORK STA. 33+24 641 L.F.
LAK-90-29.20	COUNTY LINE RD.		BEGIN WORK STA. 19+22 END WORK STA. 22+99 377 L.F. END PROJECT STA. 709+24.05 END WORK STA. 1134+57.34 42,533.29 L.F.

LENGTH OF PROJECT: 1,339.97 L.F. OR 0.254 MILES      LENGTH OF WORK: 83,596.10 L.F. OR 13.833 MILES

SUPPLEMENTAL PRINTS OF STANDARD CONSTRUCTION DRAWINGS

BP-4	10-1-87	MC-4	7-26-76	EXJ-2-81	4-2-84
BP-5	10-1-87	MC-9A	1-11-85	SD-1-69	6-12-69
BP-11	1-30-84				
BP-3	12-6-76	AS-1-81	11-27-81		
		BR-1	5-29-79		
GR-1	1-11-85	MT-99.10	11-14-86		
GR-2B	2-5-82				
GR-3	1-21-85	TC-35.10	8-29-84		
GR-3A	2-5-82				
GR-4	2-5-82				
GR-4A	1-30-84				
HW-4A	4-1-80				

Project: \_\_\_\_\_  
Date of Letting: \_\_\_\_\_ 19\_\_\_\_, Contract No. \_\_\_\_\_  
PLANNED BY: **COLPETZER-THOMAS, INC.**  
AN ENGINEERING GROUP  
5000 E. 345th STREET  
WILLOUGHBY, OHIO 44094  
REGISTERED ENGINEER NO. E-43788



Approved: Matthew J. Gallit  
Date: 2-8-89 District Deputy Director of Transportation

Approved: B.D. Haskilamoni  
Date: 4/24/89 Engineer, Bureau of Bridges and Structural Design

Approved: Charles J. Still  
Date: 4/7/89 Chief Engineer, Planning and Design

Approved: Bernard B. Hunt  
Date: 6/7/89 Director, Department of Transportation

DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED: \_\_\_\_\_  
DIVISION ADMINISTRATOR      DATE

LAK-90-8.77/29.20