

DESIGN DESIGNATION

Current A.D.T. (1990)	=	29,000
Design Year A.D.T. (2010)	=	33,530
D.H.V. (2010)	=	3,350
D	=	60%
T	=	3%
V (DESIGN)	=	45 MPH
V (LEGAL)	=	40 MPH
FUNCTIONAL CLASSIFICATION	=	URBAN ARTERIAL
DESIGN EXCEPTIONS	=	NONE

MICROFILMED  
SEP 26 1994

LAK-90-3.28

OHIO  
F.H.W.A. 5  
REGION 5

1/38

STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION

IR-90-1(162)46

LAK-90-3.28

CITY OF WILLOUGHBY HILLS  
LAKE COUNTY

CONVENTIONAL SIGNS

Township Line	-----	Limited Access (only)	----- LA
Section Line	-----	Right of Way (only)	----- RW
Corporation Line	-----	Limited Access & Right of Way	----- LA & RW
Fence Line (existing) * * *	(proposed) * * *	Existing Right of Way	----- RW
Center Line	-----	Property Line	----- (in existing fence) * * *
Trees, Stumps (to be removed)	⊗ ⊗	Railroad	----- or -----
Utility Poles: Telephone ⓪, Power ⓪, Light ⓪		Guardrail (existing)	⊖ ⊖ ⊖ ⊖ (proposed) ● ● ● ●

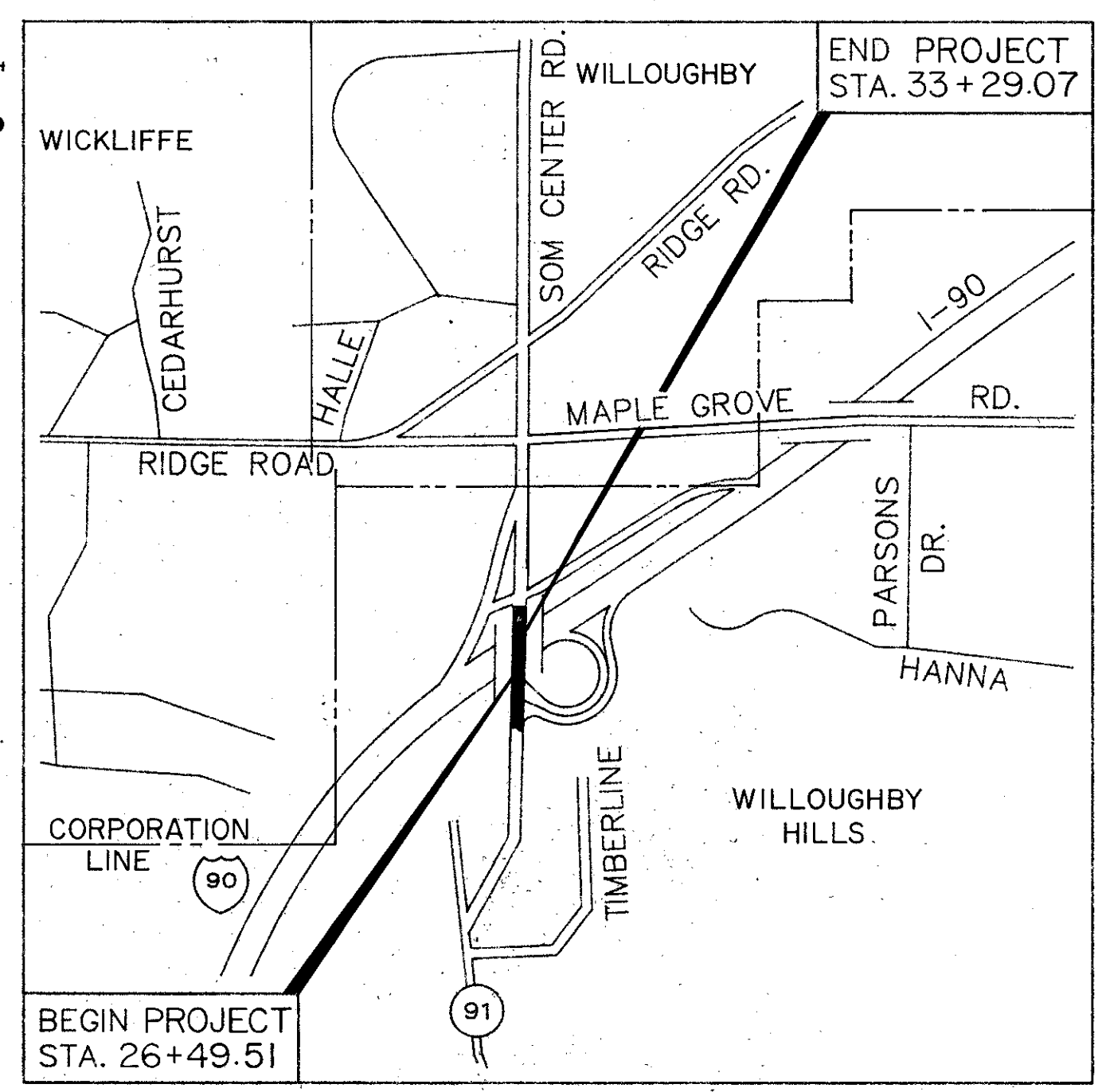
INDEX OF SHEETS

TITLE SHEET	-----	1	LIGHTING & TRAFFIC CONTROL	-----	19
TYPICAL SECTIONS	-----	2	SUBSUMMARY	-----	19
GENERAL NOTES	-----	3	LIGHTING & TRAFFIC CONTROL	-----	20
MAINTENANCE OF TRAFFIC	-----	4-12	GENERAL SUMMARY	-----	20
ROADWAY & DRAINAGE SUBSUMMARY	-----	13	LIGHTING & TRAFFIC CONTROL	-----	21, 21A
CALCULATIONS	-----	14	PLAN	-----	21, 21A
GENERAL SUMMARY	-----	15-16	LIGHTING DETAILS	-----	22
PLAN & PROFILE	-----	17	STRUCTURE	-----	23-38
DRAINAGE PROFILE	-----	18			

LINE DATA

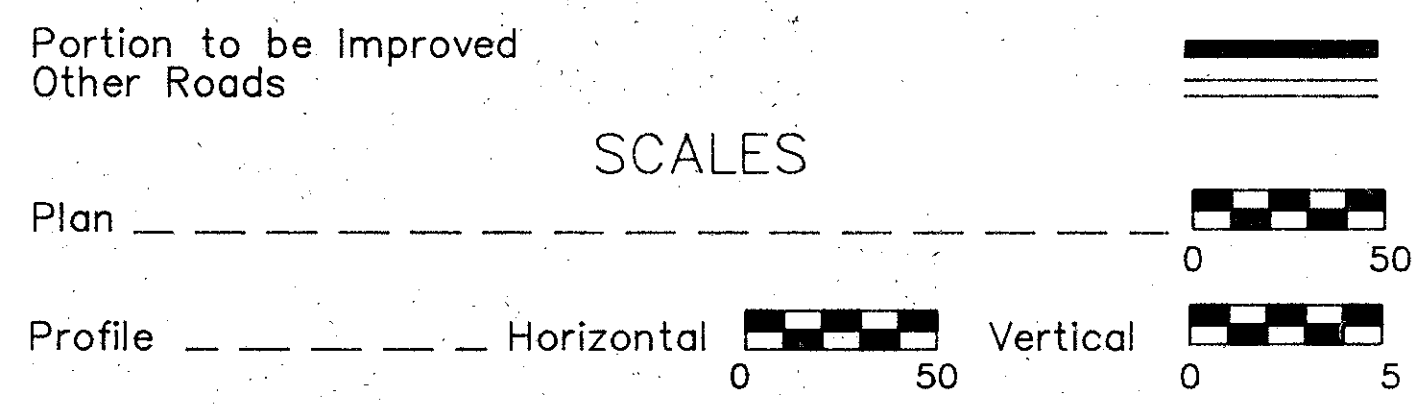
BEGIN PROJECT STA. 26+49.51  
 END PROJECT STA. 33+29.07  
 LENGTH OF PROJECT 679.56 LF OR .129 MILE

ADD FOR WORK STA. 18+75 TO STA. 26+49.51 774.51 LF OR 0.147 MILE  
 ADD FOR WORK STA. 43+50 TO STA. 33+29.07 1020.93 LF OR 0.193 MILE  
 LENGTH OF WORK 2475 LF OR 0.469 MILE



LOCATION MAP

SCALE IN FEET  
0 1000



SUPPLEMENTAL SPECIFICATIONS	
852	6-10-87
836	11-12-85
910	5-20-91
952	12-14-88

1991 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 ON THE PLANS AND ESTIMATES.

APPROVED Bryan J. Hodin  
 DATE 5/20/91 DISTRICT DEPUTY DIRECTOR OF TRANSPORTATION

APPROVED B.D. Henschelmann  
 DATE 7/24/91 ENGINEER, BUREAU OF BRIDGES AND STRUCTURAL DESIGN

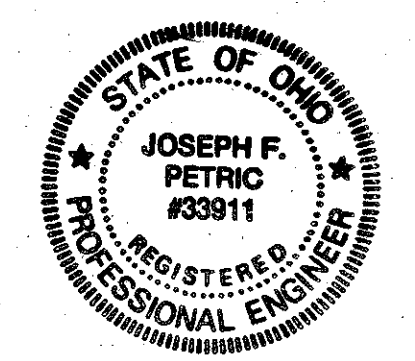
APPROVED George J. Outzen  
 DATE 8-23-91 DEPUTY DIRECTOR, PLANNING AND DESIGN

APPROVED Greg V. King  
 DATE 8-23-90 DIRECTOR, DEPARTMENT OF TRANSPORTATION

UNDERGROUND UTILITIES  
 2 WORKING DAYS  
 BEFORE YOU DIG  
 Call...800-362-2764 (Toll Free)  
 OHIO UTILITIES PROTECTION SERVICE  
 NON-MEMBERS  
 MUST BE CALLED DIRECTLY

PLANS PREPARED BY  
 URS COMPANY INC.  
 ARCHITECTS AKRON ENGINEERS COLUMBUS PLANNERS CLEVELAND

J.F. PETRIC REG. ENGINEER NO. 33911



SUPPLEMENTAL PRINTS OF STANDARD CONSTRUCTION DRAWINGS					
BP-2	1-11-85	MC-6	1-30-84	TC-35.10	8-29-84
BP-3	12-6-76	MC-9.2	5-6-91	AS-1-81	11-27-81
BP-4	10-1-87	MC-11	8-1-78	SD-1-69	6-12-69
BP-5	10-1-87	CB-3A	5-1-79	TC-41.20	3-26-79
BP-7	10-1-87	CB-2.2.A.B.B	5-1-79	BR-2-82	11-1-82
BP-11	1-30-84			EXJ-4-87	1-5-89
GR-1.J	5-6-91	MC-4	7-26-78	TC-52.10	4-3-79
GR-2.1	5-6-91	MT-95.31	10-10-88	TC-52.20	4-3-79
GR-3.1	5-6-91	MT-99.10	11-14-86	TC-82.10	8-29-84
GR-32	5-6-91	MT-101.60	4-1-90	TC-41.41	8-2-79
				HL-20.14	5-1-87
				HL-30.11	5-1-87
				HL-30.22	5-1-87
				HL-30.31	5-1-87
				HL-50.21	5-1-87

Project: LAK-90-3.28  
 Date of Letting 19 , Contract No. 05762

DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION

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