

H-1-H DESIGN DESIGNATION

Current A.D.T. (1990)	= 33,700
Design Year A.D.T. (2010)	= 50,500
D.H.V.	= 5,000
D.	= 50%
T.	= 2.8%
V. (Design Speed)	= 50 m.p.h.
Legal Speed	= 50 m.p.h.
Functional Classification	= Minor Arterial
DESIGN EXCEPTION	DATE
Shoulder Width	= 5-8-90

MICROFILMED
SEP 26 1994

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

LAK - 91 - 3.83	OHIO FHWA REGION 5	1 44
M - 1A 21 (13)	FEDERAL PROJECT	

LAK-91-3.83 PART I

CITY OF EASTLAKE
CITY OF WILLOUGHBY
LAKE COUNTY

(FOR PART 2 OF THE CONTRACT,
SEE LAK - 20 - 3.26)

M - 1A 21 (13)

CONVENTIONAL SIGNS	
Existing Pavement	Construction Limits
Drives, Walks, Etc.	Signs
Mailbox MB	Traffic Signals: Proposed Existing
Manholes: Existing	Inlets And Catch Basins: Existing
To Be Reset	To Be Reset
Proposed	Proposed
Valves	Temporary Right of Way
County Line	Right of Way (only)
Township Line	Limited Access & Right of Way - LA&RW
Section Line	Existing Right of Way
Corporation Line	Property Line
Fence Line (existing) -x-x- (proposed) *x*	(in existing fence) x-x-x
Center Line	Railroad
Trees Stumps (to be removed)	Guardrail (existing) -o-o- (proposed) -o-o-
Utility Poles: Telephone , Power , Light	Streams
Utility Lines: Water W, Gas G, Storm Sewer S, Sanitary SAN, Electric E, Telephone T	Fire Hydrants
	Monument Box: Existing Adjusted to Grade

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 W. James Becker
Date 3/1/91 Mayor, City of Eastlake

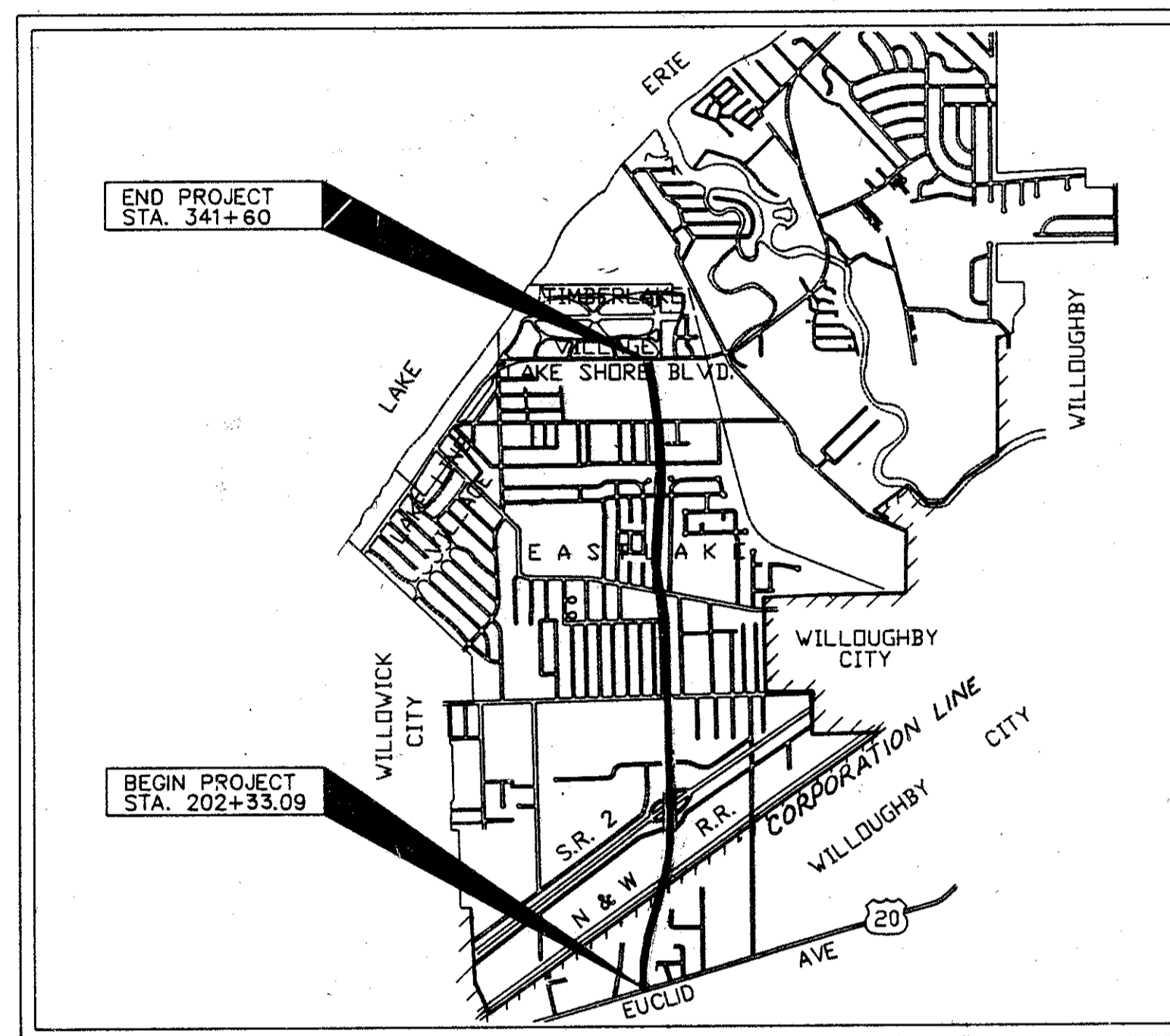
Approved William P. Ryan
Date 3/1/91 Mayor, City of Willoughby

Approved Bryan J. Ludin
Date 3/21/91 District Deputy Director of Transportation

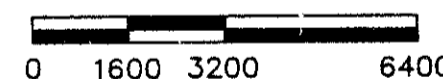
Approved B.D. Hall
Date 6/11/91 Engineer, Bureau of Bridges and Structural Design

Approved George L. Butz
Date 7/22/91 Deputy Director, Planning and Design

Approved James W. ...
Date 7-22-91 Director, Department of Transportation



LOCATION MAP



Portion to be improved	-----
State & Federal Routes	=====
Other Roads	-----

SCALES

Plan	0 25 50 100	0 400 800
Profile: Horizontal	0 25 50 100	0 10 20
Cross Section: Horizontal		
Vertical		

(FOR PARTS I AND 2)

SUPPLEMENTAL SPECIFICATIONS	
812 (5-15-91)	802 (4-13-90)
	852 (6-10-87)
910 5-20-91	733 (2-10-87)
931 (5-13-91)	
952 (12-14-88)	927 (10-19-81)
801 (1-22-90)	942 (11-27-89)
	944 (5-13-91)

INDEX OF SHEETS

DESCRIPTION	SHEET NO.	DESCRIPTION	SHEET NO.
TITLE SHEET	1	PAVEMENT MARKINGS AND SIGNS	32-36, 34A
SCHEMATIC PLAN	2	STRUCTURE GENERAL NOTES	37-39
TYPICAL SECTIONS	3-6	BRIDGE #LAK-91-0455, GENERAL PLAN	40
GENERAL NOTES	7-8	BRIDGE #LAK-91-0455, EMBANKMENT AND ABUTMENT	40A
MAINTENANCE OF TRAFFIC CALCULATIONS	9	REPAIR DETAILS	41
GENERAL SUMMARY	10-11	BRIDGE #LAK-91-0455, REPAIR DETAILS	41A
MISCELLANEOUS DETAILS	12-14	BRIDGE #LAK-91-0455, PARAPET FENCE DETAIL	42
PLAN AND PROFILE	15-17	BRIDGE #LAK-91-0547, GENERAL PLAN	43-44
	18-31	BRIDGE #LAK-91-0547, REPAIR DETAILS	

LINE DATA

	CITY OF WILLOUGHBY	CITY OF EASTLAKE
Begin Work	STA. 201+50	STA. 223+82.63
Begin Project	STA. 202+33.09	STA. 223+82.63
End Project	STA. 223+82.63	STA. 341+60.00
End Work	STA. 223+82.63	STA. 342+00
Additions And Deductions:	(-110.80 LF.)	(-1112.18 LF.)
Length Of Project	2038.74 LF. OR 0.386 MI.	10665.19 LF. OR 2.019 MI.
Length Of Work	2232.63 LF. OR 0.422 MI.	11817.37 LF. OR 2.238 MI.

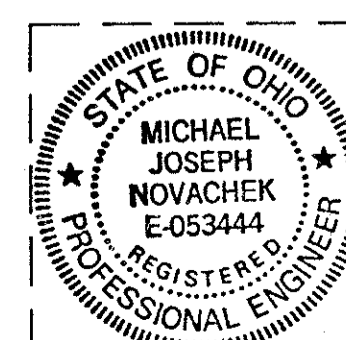
UNDERGROUND UTILITIES

2 WORKING DAYS
BEFORE YOU DIG

CALL 800-362-2762 (TOLL FREE)
OHIO UTILITIES PROTECTION SERVICES

NON-MEMBERS
MUST BE CALLED DIRECTLY

Plan Prepared By:
BURGESS & NIPLE, LIMITED
ENGINEERS AND ARCHITECTS
100 WEST ERIE STREET
PAINESVILLE, OHIO
FOR THE STATE OF OHIO



SUPPLEMENTAL PRINTS OF STANDARD CONSTRUCTION DRAWINGS

BP-2 (1-11-85)	CB-3 (5-1-79)	MC-4 (7-26-76)	TC-21.20 (1-20-84)	TC-85.20 (1-20-84)
BP-4 (10-1-87)	GR-1 (1-11-85)	MC-6 (1-30-84)	TC-35.10 (8-29-84)	TC-41.20 (3-26-79)
BP-5 (10-1-87)	GR-2B (2-5-82)	MC-11 (8-1-78)	TC-41.40 (6-18-79)	TC-42.20 (3-26-79)
BP-6 (10-1-87)	GR-3A (2-5-82)		TC-41.41 (8-2-79)	TC-42.20 (3-26-79)
BP-7 (10-1-87)	GR-3B (1-21-85)	VPF-1-90 (9-26-90)	TC-41.41 (8-2-79)	TC-42.20 (3-26-79)
BP-12 (10-1-87)	GR-4 (2-5-82)		TC-41.41 (8-2-79)	TC-42.20 (3-26-79)
BP-13 (1-23-90)	GR-4A (1-30-84)	HL-20.11 (5-1-87)	TC-41.41 (8-2-79)	TC-42.20 (3-26-79)
F-1 (11-10-83)	MH-1 (12-18-84)	HL-30.11 (5-1-87)	TC-41.41 (8-2-79)	TC-42.20 (3-26-79)
	MH-3 (12-18-84)	HL-30.22 (5-1-87)	TC-41.41 (8-2-79)	TC-42.20 (3-26-79)
	J-2 (12-18-84)	HL-50.11 (5-1-87)	TC-41.41 (8-2-79)	TC-42.20 (3-26-79)
	I-2A (12-18-84)	HL-60.11 (5-1-87)	TC-41.41 (8-2-79)	TC-42.20 (3-26-79)
	MC-1 (6-13-69)	TC-16.20 (1-20-84)	TC-41.41 (8-2-79)	TC-42.20 (3-26-79)
		TC-17.10 (1-20-84)	TC-41.41 (8-2-79)	TC-42.20 (3-26-79)
		TC-84.20 (1-20-84)	TC-41.41 (8-2-79)	TC-42.20 (3-26-79)
		TC-85.10 (1-20-84)	TC-41.41 (8-2-79)	TC-42.20 (3-26-79)

REVISED 4-9-91

000843

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED: _____
DIVISION ADMINISTRATOR

DATE _____