91-5 ED
SEP 20 '94

LAKE COUNTY LAK - 20 - 3.26	OHIO	1 / 36
	FHWA REGION 5	
F-HES-69(103)	FEDERAL PROJECT	

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

LAK-20-3.26 PART 2

CITY OF WILLOUGHBY
LAKE COUNTY

F-HES-69(103)

(FOR PART I OF THE CONTRACT, SEE LAK - 91 - 3.83)

DESIGN DESIGNATION

	U.S. RTE. 20	S.R. 91
Current Year 1989 A.D.T.	25728	27279
Design Year 2009 A.D.T.	38592	40919
D.H.V.	2573	2728
D	50 / 50	50 / 50
T	12%	12%
V (DESIGN SPEED)	35 MPH	35 MPH
POSTED SPEED	25 MPH	35 MPH
FUNCTIONAL CLASSIFICATION	URBAN ARTERIAL	URBAN ARTERIAL

CONVENTIONAL SIGNS

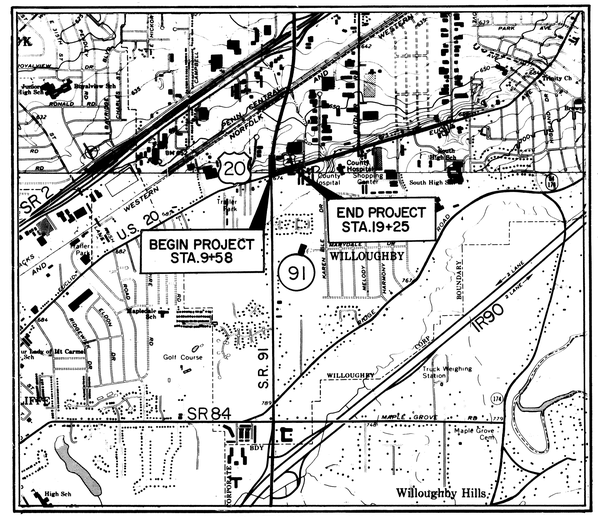
County Line
Township Line
Section Line
Corporation Line
Fence Line (existing) (proposed)
Center Line
Trees, Stumps, (to be removed)
Utility Poles: Telephone, Power, Light.
Limited Access (only) LA
Right of Way (only) RW
Limited Access & Right of Way LA & RW
Existing Right of Way
Property Line (in existing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

INDEX OF SHEETS

Title Sheet	1
Typical Section	2,3
General Notes	4-6
Maintenance of Traffic	7, 7A
General Summary	8, 8A
Calculations	9
Plan & Profile U.S.20	10-13
Plan & Profile S.R.91	14,15
Cross Sections U.S.20	16-20
Cross Sections S.R.91	21-23
Traffic Control	24-35, 33A
Misc. Details	36, 35A

LINE DATA

BEGIN PROJECT	STA. 9+58
END PROJECT	STA. 19+25
LENGTH OF PROJECT	967 LIN. FT. OR 0.183 MI.
ADD FOR WORK	
U.S. 20	
STA. 6+25 TO STA. 9+58	333 LIN.FT.
STA. 19+25 TO STA. 19+35	10 LIN.FT.
S.R. 91	
STA. 199+00 TO STA. 206+15	715 LIN.FT.
LENGTH OF WORK	1058 LIN.FT. OR 0.200 MI.



LOCATION MAP

SCALE IN MILES
0 1 2

Portion to be improved
State & Federal Routes
Other Roads

SCALES

Plan 0 20 40
Profile: Horizontal 0 20 40, Vertical 0 10
Cross Section: Horizontal 0 10 20, Vertical 0 10

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

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 these plans.

Approved Bryan L. Gordin
Date 3/21/91 District Deputy Director of Transportation

SUPPLEMENTAL SPECIFICATIONS	
(SEE PART I)	
(LAKE - 91 - 3.83)	

Approved Alexander H. Hyuds
Date 4-24-91 Deputy Director of Operations

SUPPLEMENTAL PRINTS OF STANDARD CONSTRUCTION DRAWINGS				
		(SEE PART I)		
		(LAKE - 91 - 3.83)		

Approved Jerry Wray
Date 7/22/91 Director, Department of Transportation

CT Consultants, Inc.
Engineers • Architects • Planners
Willoughby • Mentor • North Canton • Steubenville • Lorain

STATE OF OHIO
RAYMOND JAMES TIMBROOK
39161
REGISTERED
PROFESSIONAL ENGINEER

Project: LAK-20-3.26 LAKE COUNTY
Date of Letting _____ 19__, Contract No. _____
REGISTERED ENGINEER No. 39161

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED:

DIVISION ADMINISTRATOR DATE

U.S. ROUTE 20

TITLE SHEET

LD 0300 Rev. 11-1-78