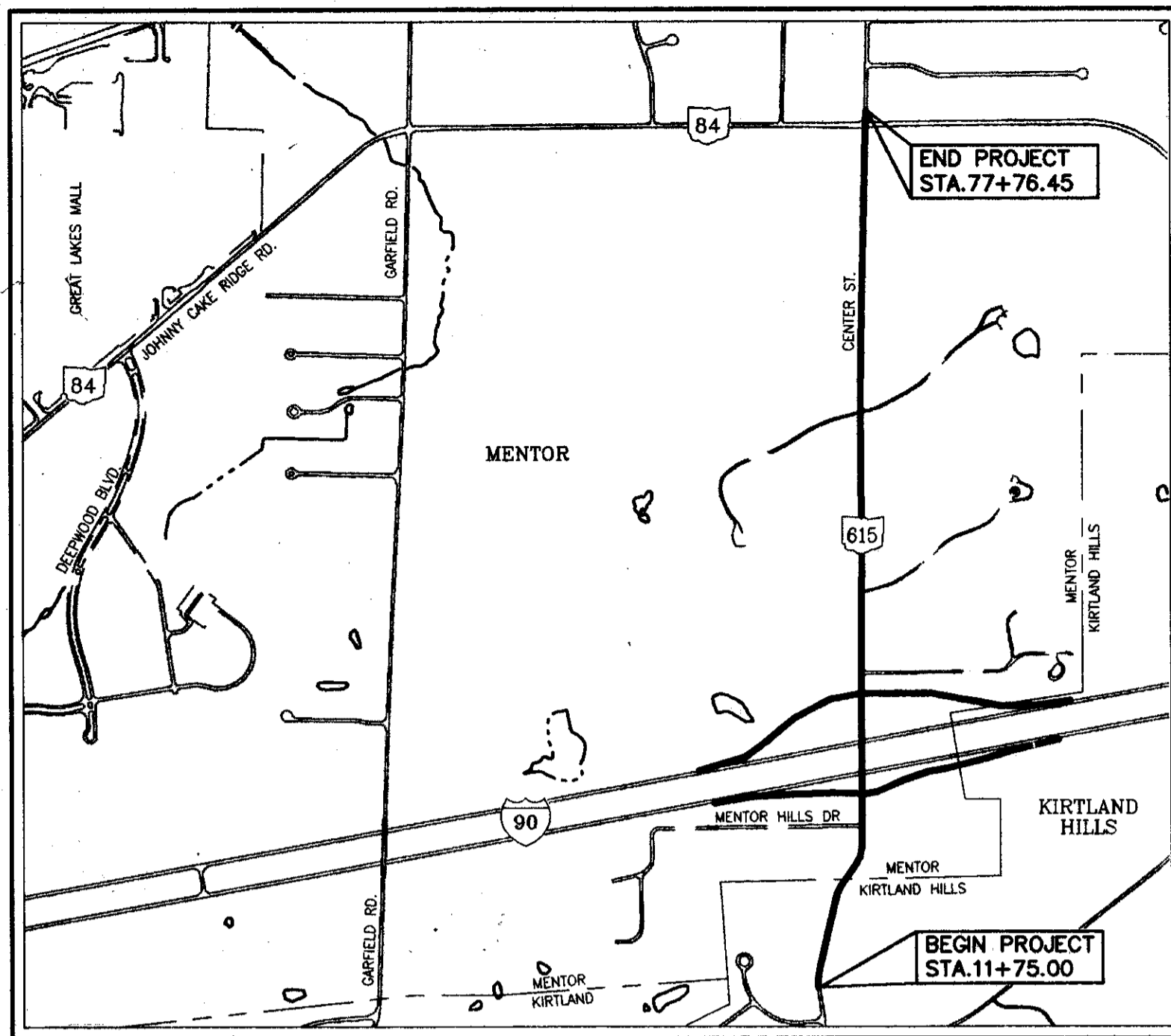


STATE OF OHIO
 DEPARTMENT OF TRANSPORTATION
LAK-IR90/SR615-9.26/1.51
 CITY OF MENTOR
 VILLAGE OF KIRTLAND HILLS
 LAKE COUNTY



LOCATION MAP

LATITUDE: N. 41°39'00" LONGITUDE: W. 81°20'27"

SCALE IN FEET



Portion to be improved _____
 State & Federal Routes _____
 Other Roads _____

DESIGN DESIGNATION S.R. 615

CURRENT YEAR 2001 A.D.T. 16,900
 DESIGN YEAR 2021 A.D.T. 20,220
 D.H.V. 2,022
 D 50%
 T 3%
 DESIGN SPEED 40 MPH (MENTOR) 35 MPH (KIRTLAND HILLS)
 LEGAL SPEED 35 MPH
 FUNCTIONAL CLASSIFICATION - URBAN MINOR ARTERIAL

DESIGN EXCEPTIONS

NONE REQUIRED

INDEX OF SHEETS

| | |
|--|---------|
| TITLE SHEET | 1 |
| SCHEMATIC PLAN | 2-4 |
| TYPICAL SECTIONS | 5-15 |
| GENERAL NOTES | 16-19 |
| MAINTENANCE OF TRAFFIC | 20-35 |
| GENERAL SUMMARY | 36-40 |
| SUB-SUMMARIES | 41-56 |
| STORM WATER POLLUTION PREVENTION PLAN | 57-59 |
| S.R. 615 PLAN & PROFILES | 60-96 |
| S.R. 615 CROSS-SECTIONS | 97-144 |
| S.R. 84 PLAN & PROFILES | 145-150 |
| S.R. 84 CROSS-SECTIONS | 151-161 |
| MENTOR HILLS DRIVE PLAN & PROFILES | 162-163 |
| MENTOR HILLS DRIVE CROSS-SECTIONS | 164-168 |
| RAMP A PLAN & PROFILES | 169-174 |
| RAMP A CROSS-SECTIONS | 175-185 |
| RAMP B PLAN & PROFILES | 186-193 |
| RAMP B CROSS-SECTIONS | 194-210 |
| RAMP C PLAN & PROFILES | 211-215 |
| RAMP C CROSS-SECTIONS | 216-225 |
| RAMP D PLAN & PROFILES | 226-232 |
| RAMP D CROSS-SECTIONS | 233-245 |
| SUPERELEVATION TABLES | 246-254 |
| INTERSECTION DETAILS | 255-262 |
| CULVERT DETAILS | 263-266 |
| DRIVE RELOCATION PLAN, PROFILES & CROSS SECTIONS | 267-277 |
| DRIVE PROFILES | 278-281 |
| MISCELLANEOUS DETAILS | 282 |
| TRAFFIC CONTROL | 283-327 |
| STRUCTURE LAK-90-0945 | 328-368 |
| FENCE PLAN | 369 |
| RIGHT-OF-WAY | 370-393 |

PROJECT DESCRIPTION

IMPROVEMENT OF 1.33 MILES OF SR 615 BY REMOVAL OF EXISTING PAVEMENT AND REALIGNING PROFILE AND HORIZONTAL ALIGNMENTS ALONG WITH WIDENING OF PAVEMENT AND REPLACEMENT OF EXISTING STRUCTURE OVER I-90 AND ADDING NEW INTERCHANGE RAMPS.

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 REQUIRE THE CLOSING TO TRAFFIC OF THE S.R. 615 HIGHWAY AND THAT DETOURS WILL BE PROVIDED AS INDICATED ON SHEET 24.

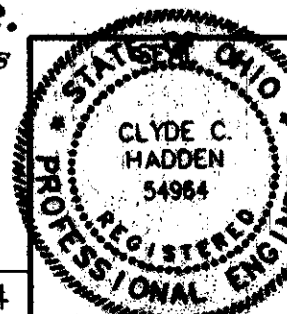
UNDER AUTHORITY OF SECTION 4511.21, DIVISION (I) OF THE OHIO REVISED CODE, THE REVISED PRIMA FACIE SPEED LIMITS AS INDICATED HEREIN ARE DETERMINED TO BE REASONABLE AND SAFE, AND ARE HEREBY ESTABLISHED FOR THE DURATION OF THE PROJECT. THE PRIMA FACIE SPEED LIMIT OR LIMITS HEREBY ESTABLISHED SHALL BECOME EFFECTIVE WHEN APPROPRIATE SIGNS GIVING NOTICE THEREOF ARE ERECTED.

SUPPLEMENTAL PRINTS OF STANDARD CONSTRUCTION DRAWINGS

| SUPPLEMENTAL PRINTS OF STANDARD CONSTRUCTION DRAWINGS | | | | | | | | | | SUPPLEMENTAL SPECIFICATIONS | | | |
|---|---------|---------|----------|-----------|---------|-----------|---------|-----------|---------|-----------------------------|----------|-----|----------|
| BP-1.1 | 7-28-00 | GR-2.1M | 4-14-98 | CB-2.2 | 7-20-01 | MT-97.10M | 4-25-94 | TC-42.20 | 4-20-01 | AS-1-81 | 4-20-01 | 806 | 9-9-97 |
| BP-2.1 | 7-28-00 | GR-3.1M | 10-21-97 | | | MT-99.10M | 1-30-95 | TC-52.10 | 4-20-01 | | | 830 | 10-21-98 |
| BP-2.2 | 7-28-00 | GR-3.2M | 10-21-97 | HW-1.1 | 7-20-01 | MT-99.20M | 1-30-95 | TC-52.20 | 4-20-01 | BR-2-98 | 12-29-98 | 870 | 3-27-01 |
| BP-2.3 | 7-28-00 | GR-4.1M | 11-30-94 | HW-2.2 | 7-20-01 | | | TC-71.10M | 9-01-93 | | | 877 | 4-13-99 |
| | | GR-4.2M | 10-21-97 | | | HL-30.11 | 7-20-01 | TC-81.10 | 5-01-00 | BS-1-93 | 12-19-94 | | |
| BP-3.1 | 7-28-00 | GR-5-3 | 11-30-94 | MH-1.2 | 7-20-01 | HL-30.21M | 5-01-95 | TC-81.20 | 5-01-00 | | | 863 | 10-12-99 |
| BP-4.1 | 7-28-00 | | | | | HL-30.22 | 7-20-01 | | | EXJ-4-87 | 4-20-01 | 842 | 1-6-99 |
| BP-5.1 | 7-28-00 | RM-1.1 | 4-29-99 | DM-1.1 | 7-20-01 | | | TC-82.10 | 1-19-01 | | | 843 | 5-5-98 |
| BP-6.1 | 7-28-00 | RM-2.1M | 7-12-95 | DM-1.3 | 7-20-01 | TC-17.10 | 1-19-01 | TC-83.10 | 5-01-00 | GSD-1-96 | 4-20-01 | 899 | 10-21-98 |
| BP-7.1 | 7-28-00 | RM-4.2M | 10-21-97 | DM-4.2 | 7-20-01 | TC-21.20 | 1-19-01 | TC-83.20 | 5-01-00 | | | 905 | 4-1-98 |
| | | RM-4.3M | 10-21-97 | DM-4.3 | 7-20-01 | TC-22.20 | 1-19-01 | TC-84.20 | 5-01-00 | VPF-1-90M | 3-20-95 | 907 | 10-21-98 |
| | | RM-4.5M | 10-21-97 | DM-4.4 | 7-20-01 | TC-41.20 | 1-19-01 | TC-84.21 | 3-06-00 | | | 932 | 10-2-96 |
| F-1.1 | 7-28-00 | | | | | | | | | | | | |
| F-3.2 | 7-28-00 | | | | | TC-41.40M | 3-31-94 | | | | | | |
| F-3.3 | 7-28-00 | CB-1.1 | 7-20-01 | MT-35.10 | 4-20-01 | | | TC-85.10 | 5-01-00 | SPECIAL PROVISION - | | | |
| F-3.4 | 7-28-00 | CB-2.1 | 7-20-01 | MT-95.40M | 4-25-94 | TC-41.41 | 1-19-01 | TC-85.20 | 5-01-00 | US ARMY CORPS PERMIT | 5-16-01 | | |

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

Plan Prepared By:
CT Consultants, Inc.
 Engineers • Architects • Planners
 35000 Kaiser Court
 Willoughby, Ohio 44094
 CLYDE C. HADDEN, P.E. REG. NO. 54964



APPROVED *Rama Coyle*
 DATE 10-31-01 DISTRICT DEPUTY DIRECTOR

APPROVED _____
 DATE _____ DIRECTOR, DEPARTMENT OF TRANSPORTATION

FEDERAL PROJECT NO. TE21-G020 (023)
 PID NO. 9331
 CONSTRUCTION PROJECT NO. _____
 RAILROAD INVOLVEMENT NONE
 LAK-IR90/SR615-9.26/1.51
 1
 393