

STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION

# MOT-75-14.36

CITY OF DAYTON  
HARRISON TOWNSHIP  
MONTGOMERY COUNTY

**PROJECT DESCRIPTION**

REHABILITATION OF 5 SETS OF BRIDGES ON I.R. 75 BY OVERLAYING THE DECKS WITH CONCRETE (4 SETS) OR ASPHALT (1 SET), INCLUDING THE RESURFACING OF 2.09 MILES OF EXISTING PAVEMENT.

PROJECT EDA - N/A (MAINTENANCE PROJECT)  
ESTIMATED CONTRACTOR EDA - N/A (MAINTENANCE PROJECT)  
NOTICE OF INTENT EDA - N/A (MAINTENANCE PROJECT)

**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 OHIO REVISED CODE.

**2002 SPECIFICATIONS**

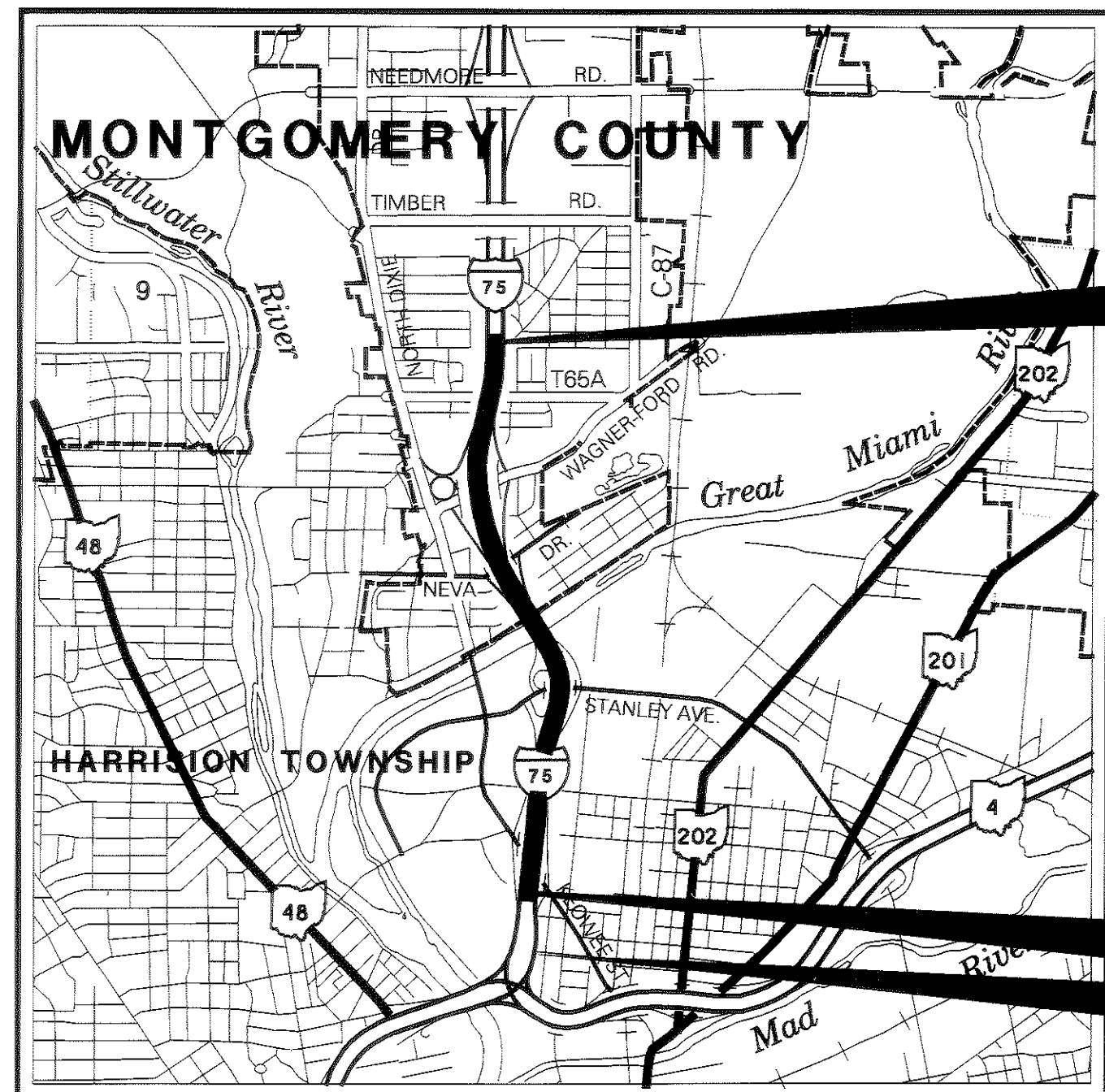
THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

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 SET FORTH ON THE PLANS AND ESTIMATES.

UNDER AUTHORITY OF SECTION 4511.21, DIVISION (H) 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 THIS PROJECT. THE PRIMA FACIE SPEED LIMIT OR LIMITS HEREBY ESTABLISHED SHALL BECOME EFFECTIVE WHEN APPROPRIATE SIGNS GIVING NOTICE THEREOF ARE ERECTED.

APPROVED *William J. Harrison* / *PSM*  
DATE 3-19-04 DISTRICT DEPUTY DIRECTOR

APPROVED *Jordan Proctor*  
DATE 4-9-04 DIRECTOR, DEPARTMENT OF TRANSPORTATION



END PROJECT  
STA. 78+00

BEGIN PROJECT  
STA. 405+00  
SOUTHBOUND

BEGIN PROJECT  
STA. 399+00  
NORTHBOUND

LOCATION MAP

LATITUDE: 39°47'24" LONGITUDE: 84°11'03"

SCALE IN MILES



PORTION TO BE IMPROVED: [Thick solid line]  
INTERSTATE & DIVIDED HIGHWAY: [Double line]  
UNDIVIDED STATE & FEDERAL ROUTES: [Single line]  
OTHER ROADS: [Thin dashed line]

**DESIGN DESIGNATION**

	I-75 KEOWEE/LEO 14.66/15.03	I-75 STANLEY 15.03	I-75 NEVA 15.54	I-75 WAGNER FORD 15.82
CURRENT ADT (2005)	104800	92700	96000	83800
DESIGN YEAR ADT (2025)	123500	122300	126000	113600
DESIGN HOURLY VOLUME (2025)	1115	11007	11340	10224
DIRECTIONAL DISTRIBUTION	51%	53%	51%	53%
TRUCKS (24 HOUR B&C)	26%	26%	26%	26%
DESIGN SPEED	55 mph	55 mph	55 mph	55 mph
LEGAL SPEED	55 mph	55 mph	55 mph	55 mph

DESIGN FUNCTIONAL CLASSIFICATION -  
URBAN INTERSTATE

**DESIGN EXCEPTIONS**

NONE REQUIRED

**INDEX OF SHEETS:**

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SHEET NOT USED: 18

**STANDARD CONSTRUCTION DRAWINGS**

STANDARD CONSTRUCTION DRAWINGS								SUPPLEMENTAL SPECIFICATIONS			
BP-3.1	7-28-00	PCB-91	7-19-02	TC-65.10	10-19-01	MT-35.10	4-20-01	MT-101.60	10-18-02	832	2-12-03
				TC-65.11	10-19-01			MT-101.70	10-18-02	833	2-12-03
BP-9.1	10-17-03	GSD-1-96	7-19-02			MT-95.30	4-19-02			848	2-8-02
				TC-72.20	1-19-01	MT-95.40	7-18-03	MT-102.10	10-18-02	873	10-30-03
RM-4.2	4-18-03			TC-73.10	1-19-01					908	4-18-03
						MT-98.12	4-19-02	MT-105.10	10-18-02		
DM-4.3	7-19-02					MT-98.13	4-19-02	MT-105.11	10-18-02		
DM-4.4	7-19-02					MT-98.14	4-19-02				
						MT-98.15	4-19-02				
						MT-98.19	10-18-02				
						MT-99.20M	1-30-95				

**SPECIAL PROVISIONS**

**UNDERGROUND UTILITIES**  
TWO WORKING DAYS  
**BEFORE YOU DIG**  
CALL 1-800-362-2764 (TOLL FREE)  
OHIO UTILITIES PROTECTION SERVICE  
NON-MEMBERS  
MUST BE CALLED DIRECTLY

ENGINEERS SEAL:

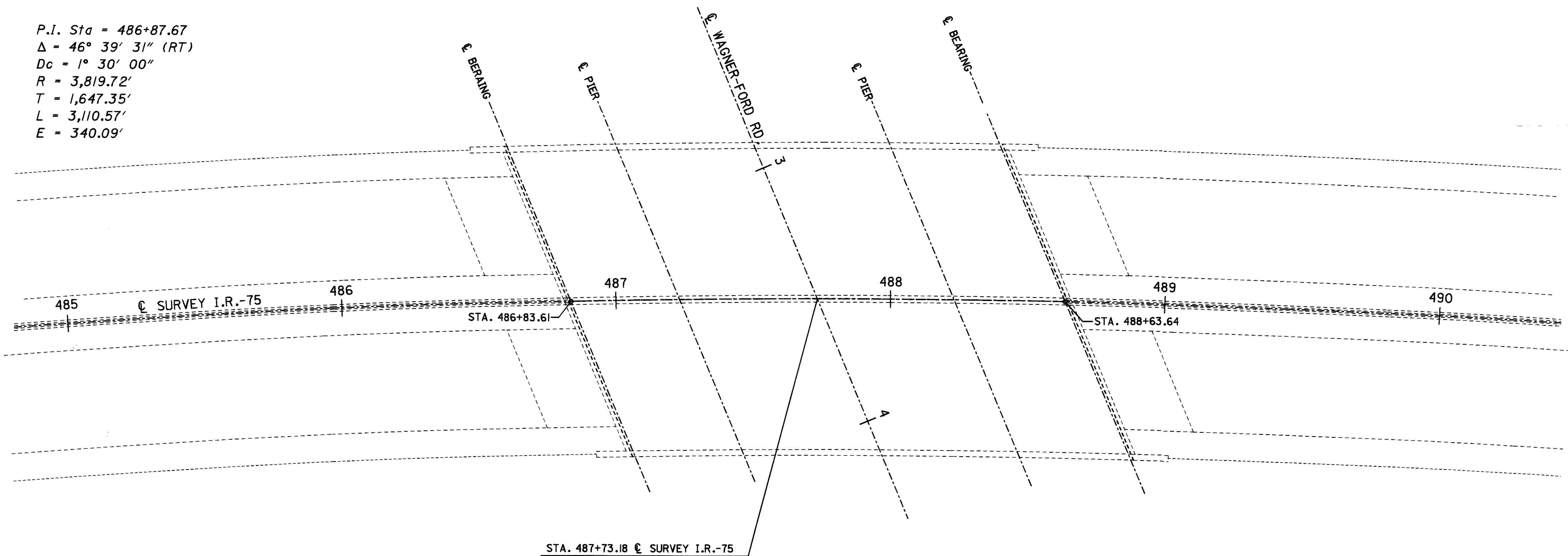
SIGNED: *Paul West North*  
DATE: 3-18-04

PLAN PREPARED BY:  
OHIO DEPARTMENT OF TRANSPORTATION  
DISTRICT NO. 7  
PRODUCTION DEPARTMENT

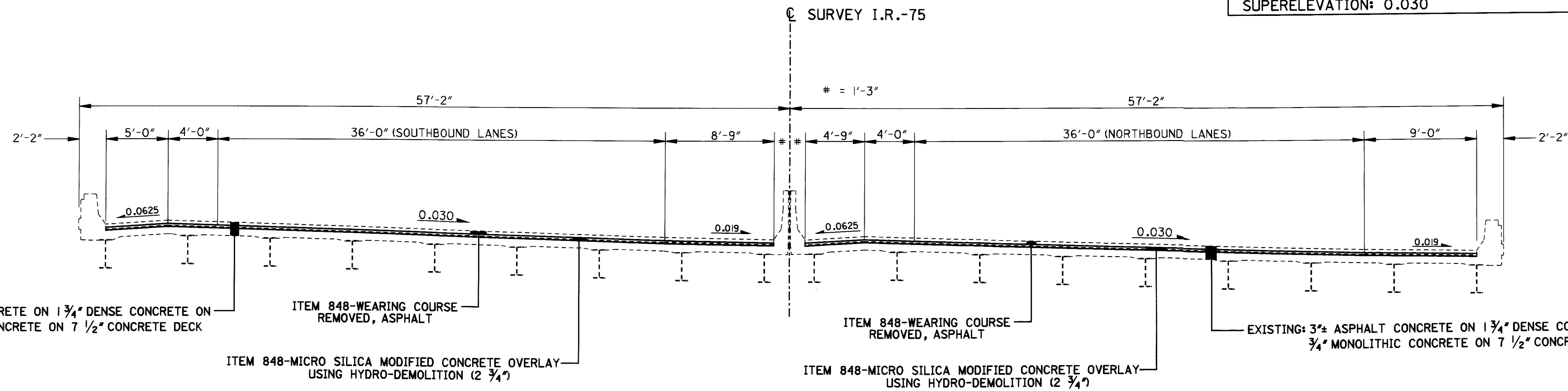
MOT-75-14.36  
040405 PID#75869  
DIST 07 06-16-04

FEDERAL PROJECT NO. E035(852)  
PID NO. 75869  
CONSTRUCTION PROJECT NO. 478090  
STATE JOB NUMBER 478090  
RAILROAD INVOLVEMENT NONE  
MOT-75-14.36  
83

P.I. Sta = 486+87.67  
 $\Delta = 46^\circ 39' 31''$  (RT)  
 $D_c = 1^\circ 30' 00''$   
 $R = 3,819.72'$   
 $T = 1,647.35'$   
 $L = 3,110.57'$   
 $E = 340.09'$



**EXISTING STRUCTURE: MOT-75-15.82 L&R OVER WAGNER-FORD ROAD**  
 STRUCTURE FILE NUMBER: 5708796  
 TYPE: CONTINUOUS STEEL BEAM  
 SPANS: 37.29', 46.75', 46.75', 37.29'  
 ROADWAY WIDTH: TWO @ 53'-9" PLUS 2'-6" MEDIAN  
 LOADING: CF=2000 (5I)  
 SKEW: 22° 37' R.F.  
 APPR. SLABS: 4 @ AS-I-54 ; 25' LONG  
 ALIGNMENT: 1° 30' RT. CURVE  
 WEARING SURFACE: 3"± ASPHALT CONCRETE  
 SUPERELEVATION: 0.030



DESIGN AGENCY: OHIO DEPARTMENT OF TRANSPORTATION, DISTRICT 7  
 DATE: \_\_\_\_\_  
 REVIEWED: \_\_\_\_\_  
 STRUCTURE FILE NUMBER: 5708796  
 DRAWN: JBS  
 REVISED: \_\_\_\_\_  
 DESIGNED: JBS  
 CHECKED: TLB  
 STA. 486+83.61  
 STA. 488+63.64  
**S I T E P L A N**  
 STRUCTURE NO. MOT-75-15.82 L&R I-75 OVER WAGNER FORD ROAD  
**MOT-75-14.36**  
 1 / 2  
 82  
 83

EXP