

STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION  
**BRO-52-20.100/ 23.061**



**PROJECT DESCRIPTION**

**VILLAGE OF RIPLEY  
UNION TOWNSHIP  
BROWN COUNTY**

## 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  
NOT REQUIRE THE CLOSING TO TRAFFIC OF THE  
HIGHWAY, AND THAT PROVISIONS FOR THE  
MAINTENANCE AND SAFETY OF TRAFFIC WILL BE  
AS SET FORTH IN THE PLANS AND ESTIMATES.

**LOCATION MAP**

① - BRIDGE NO. BRO-52-1249  
 ② - BRIDGE NO. BRO-52-1433

SCALE IN KILOMETERS



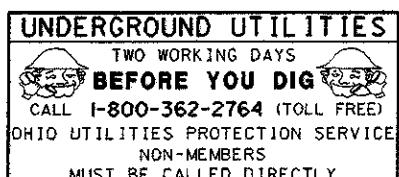
0 1 2 3

PORTION TO BE IMPROVED \_\_\_\_\_ 

STATE & FEDERAL ROUTES \_\_\_\_\_ 

OTHER ROADS \_\_\_\_\_

**UNDERGROUND UTILITIES**



PLAN PREPARED BY:

**DISTRICT NO. 9  
OHIO DEPARTMENT OF  
TRANSPORTATION**

APPROVED John F. Hagen  
DATE 2-23-97 DIRECTOR, DEPUTY DIRECTOR

APPROVED *John F. Coughlin*  
DATE 27-98 DIRECTOR, DEPARTMENT OF  
TRANSPORTATION

BRO-52-20.100 / 23.061 (SLM = 12.49 / 14.33)		RAILROAD INVOLVEMENT <b>NONE</b>	CONSTRUCTION PROJECT NO. <b>NONE</b>	PID NO. <b>17721</b>	FEDERAL PROJECT NO. <b>100% STATE</b>
-------------------------------------------------	--	-------------------------------------	-----------------------------------------	-------------------------	------------------------------------------

MAINTAINING TRAFFIC

A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT.

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, WILL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH WORK IN PROGRESS.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

EXISTING STRUCTURE VERIFICATION

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURES HAVE BEEN OBTAINED FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURES AND PROPOSED WORK, BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERED TO CMS SECTIONS 102.05, 105.02, AND 513.02.

CONTRACTOR BID PRICES SHALL BE BASED UPON RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURES BY THE CONTRACTOR. HOWEVER, ALL PROJECT WORK SHALL BE BASED ON ACTUAL DETAILS AND DIMENSIONS WHICH HAVE BEEN VERIFIED BY THE CONTRACTOR IN THE FIELD.

EXISTING BRIDGE PLANS

DETAIL DRAWINGS OF THE EXISTING BRIDGES MAY BE INSPECTED IN THE DISTRICT BRIDGE OFFICE AT 650 EASTERN AVE. IN CHILLICOTHE, OR AT THE OFFICE OF STRUCTURAL ENGINEERING AT 1980 BROAD STREET IN COLUMBUS, OHIO.

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

ITEM SPECIAL - SEALING OF CONCRETE SURFACES (EPOXY - URETHANE)

A CONCRETE SEALER SHALL BE APPLIED TO THE CONCRETE SURFACES AS LISTED BELOW AND AS DIRECTED BY THE ENGINEER. SEE PROPOSAL FOR SURFACE PREPARATION REQUIREMENTS, MATERIAL REQUIREMENTS AND APPLICATION PROCEDURES.

BRO-52-1249: 1 - DECK PARAPETS AND LIGHT PEDESTALS  
2 - ABUTMENTS (ALL EXPOSED SURFACES ABOVE GROUND LINE)

BRO-52-1433: 1 - DECK EDGES  
2 - ABUTMENTS (ALL EXPOSED SURFACES ABOVE GROUND LINE)

THE COLOR OF THE URETHANE COATING SHALL BE FEDERAL COLOR STANDARD NO. 17778 (OFF-WHITE).

FIELD PAINTING OF EXISTING STEEL

THE FIELD PAINTING OF EXISTING STEEL SHALL INCLUDE, BUT NOT BE LIMITED TO, THE EXISTING STRUCTURAL STEEL SHOWN AND LISTED IN THE PLAN. IT IS THE INTENT OF THE PLAN TO PAINT ALL EXISTING STRUCTURAL STEEL, UNLESS THE PLANS DESIGNATE THAT THEY BE PROTECTED FROM PAINTING AND BLASTING OPERATIONS.

THE FINISH COAT SHALL BE BLUE AND THE COMPLETION DATE (MONTH AND YEAR) OF THE FINISH OF THE FINISH COAT SHALL BE STENCILED IN BLACK ON THE OUTSIDE OF THE OUTSIDE BEAM NEXT TO THE REAR ABUTMENT. THE LETTERS "O.Z.E.U." SHALL PRECEDE THE DATE PAINTED.

UTILITIES

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS.

AMERITECH  
3233 WOODMAN DRIVE  
DAYTON, OHIO 45420  
937-296-3665

CINCINNATI GAS & ELECTRIC COMPANY - GAS  
P.O. BOX 960, ROOM 460-A  
CINCINNATI, OHIO 45201  
513-287-3218

VILLAGE OF RIPLEY - WATER / ELECTRIC  
14 N. 3RD STREET  
RIPLEY, OH 45167  
937-392-4377

THERE ARE NO UNDERGROUND UTILITIES SHOWN ON THIS PLAN. THE NATURE OF THE WORK REQUIRED BY PROJECT WILL NOT AFFECT ANY KNOWN UNDERGROUND UTILITIES THAT EXIST UNDER OR ADJACENT TO THE WORK AREA.

UTILITY NOTE:

ALL SAND BLAST MATERIAL MUST BE CLEANED FROM WINGWALL SLEEVE ANNUAL SPACE TO PREVENT METALLIC SHORTS FROM DEVELOPING. CINERGY WILL SEAL ALL WINGWALL ANNUAL SPACES WITH DIELECTRIC MATERIAL AFTER PAINTING IS COMPLETE.

GENERAL NOTES

BRO-52-20.100/23.061

2  
5

DESIGNED  
DRAFTED  
CHECKED  
GEC

DESIGN AGENCY  
STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION  
DISTRICT 9 PRODUCTION

SHEET NUMBER					PARTICIPATION		ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION		SEE SHEET NO.
1	2	3	4	5									
BRIDGE NO. BRO-52-1249 (SFN 080119)													
		531					SPECIAL	51267510	531	SQ METER	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (SEE PROPOSAL NOTE)		
		2235					815	00050	2235	SQ METER	SURFACE PREPARATION OF EXISTING STEEL, SYSTEM OZEU		
		2235					815	00056	2235	SQ METER	FIELD PAINTING OF EXISTING STEEL, PRIME COAT, SYSTEM OZEU		
		2235					815	00060	2235	SQ METER	FIELD PAINTING OF EXISTING STEEL, INTERMEDIATE COAT, SYSTEM OZEU		
		2235					815	00066	2235	SQ METER	FIELD PAINTING OF EXISTING STEEL, FINISH COAT, SYSTEM OZEU		
		5000					815	00500	5000	METER	CAULKING		
		400					815	00504	400	MAN HOUR	GRINDING FINS, TEARS, SLIVERS		
BRIDGE NO. BRO-52-1433 (SFN 0801178)													
		295					SPECIAL	51267510	295	SQ METER	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (SEE PROPOSAL NOTE)		
		1844					815	00050	1844	SQ METER	SURFACE PREPARATION OF EXISTING STEEL, SYSTEM OZEU		
		1844					815	00056	1844	SQ METER	FIELD PAINTING OF EXISTING STEEL, PRIME COAT, SYSTEM OZEU		
		1844					815	00060	1844	SQ METER	FIELD PAINTING OF EXISTING STEEL, INTERMEDIATE COAT, SYSTEM OZEU		
		1844					815	00066	1844	SQ METER	FIELD PAINTING OF EXISTING STEEL, FINISH COAT, SYSTEM OZEU		
		200					815	00504	200	MAN HOUR	GRINDING FINS, TEARS, SLIVERS		
							614	11000	LUMP		MAINTAINING TRAFFIC		
							624	10000	LUMP		MOBILIZATION		

