

FHWA REGION	STATE	PROJECT
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PLAN NO. BR-103-82

GENERAL NOTES CONTINUED

D. DRUMS

DRUMS SHALL BE APPROXIMATELY 36" IN HEIGHT AND A MINIMUM OF 18" IN DIAMETER. THE MARKINGS ON DRUMS SHALL BE HORIZONTAL, CIRCUMFERENTIAL, ORANGE AND WHITE REFLECTORIZED STRIPES FOUR TO EIGHT INCHES WIDE, USING A MATERIAL THAT HAS A SMOOTH, SEALED OUTER SURFACE WHICH WILL DISPLAY THE SAME APPROXIMATE SIZE, SHAPE AND COLOR DAY AND NIGHT. THERE SHALL BE AT LEAST TWO ORANGE AND TWO WHITE STRIPES ON EACH DRUM. IF THERE ARE NONREFLECTORIZED SPACES BETWEEN THE HORIZONTAL ORANGE AND WHITE STRIPES, THEY SHALL BE NO MORE THAN TWO INCHES WIDE. DRUMS SHALL BE FILLED ONE-THIRD FULL OF WATER TO ENSURE STABILITY OR BALLASTED AS APPROVED BY THE ENGINEER.

* ITEM 202 - PORTIONS OF STRUCTURE REMOVED: WORK TO BE PAID FOR UNDER THIS ITEM SHALL INCLUDE REMOVAL OF THE EXISTING CONCRETE DECK SLAB WITHIN THE LIMITS SHOWN, REMOVAL OF UNSOUND ABUTMENT SEAT CONCRETE, REMOVAL OF EXPOSED SEAT REINFORCING STEEL, AND REMOVAL OF ANY LOOSE BRICKS AND BINDER COURSE.

ITEM 202 - WEARING COURSE REMOVED VARIES FROM 1/2" TO 5" DEPTH AND SHALL BE PERFORMED WITHIN THE LIMITS SHOWN ON SHEETS 3 AND 4.

CONSTRUCTION CLEARANCE OF 8'-0" HORIZONTALLY FROM THE CENTER OF TRACKS AND 20'-0" VERTICALLY FROM A POINT LEVEL WITH THE TOP OF THE HIGHER RAIL AND 4 FEET FROM THE CENTER OF TRACKS SHALL BE MAINTAINED AT ALL TIMES.

ITEM 402 - ASPHALT CONCRETE SHALL BE PLACED IN THE HOLES IN THE BRICK PAVEMENT, ON THE REMAINING PORTIONS OF THE EXISTING DECK, ON TOP OF THE EXISTING BRICK PAVEMENT AND IN THE AREAS OF DEEPER SCARIFICATION AS SHOWN ON SHEET 3.

ITEM 511 - CLASS C CONCRETE, SUBSTRUCTURE SHALL BE USED TO RAISE THE EXISTING ABUTMENT BRIDGE SEATS AND TO FILL THE THREE CORE HOLES ON THE APPROACH SLABS.

COOPERATION BETWEEN CONTRACTORS: THE CONTRACTOR'S ATTENTION IS SPECIFICALLY DIRECTED TO SECTION 105.07 OF THE CMS.

RIGHT-OF-WAY: ALL WORK WILL BE PERFORMED WITHIN THE EXISTING RIGHT-OF-WAY.

UTILITIES: THE FOLLOWING UTILITIES ARE LOCATED WITHIN THE WORK LIMITS OF THE PROJECT. THE CONTRACTOR SHALL NOTIFY THESE UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO COMMENCING ANY BRIDGE OPERATIONS.

CLEVELAND ELECTRIC ILLUMINATING COMPANY
2210 SOUTH RIDGE RD.
ASHTABULA, OHIO 44004
PHONE: 352-9361

EAST OHIO GAS COMPANY
1201 E. 55TH STREET
CLEVELAND, OHIO 44103
PHONE: 361-2753

OHIO BELL TELEPHONE COMPANY
820 W. SUPERIOR AVENUE
CLEVELAND, OHIO 44114
PHONE: 822-6241

PAINESVILLE WATER DEPARTMENT
459 STORES STREET
PAINESVILLE, OHIO 44077
PHONE: 352-9301

EXISTING STRUCTURE VERIFICATION: DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND/OR FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO CSM SECTIONS 102.05, 105.02 AND 513.02. (DELETE THE REFERENCE TO 513.02 IF STRUCTURAL STEEL IS NOT INVOLVED.)

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

ITEM 624 - MOBILIZATION AS PER PLAN: THE CONTRACTOR SHALL PROVIDE A SUITABLE FIELD OFFICE HAVING A MINIMUM OF 300 SQ. FT. OF FLOOR SPACE WHICH SHALL BE IN ACCORDANCE WITH 619.01 AND 619.02. PAYMENT FOR ALL THE ABOVE SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR 624 MOBILIZATION AS PER PLAN.

ITEM SPECIAL - MAGNESIUM PHOSPHATE CONCRETE SHALL BE USED TO FILL THE ACCESS HOLES AND GAPS BETWEEN THE BOX BEAMS AND THE EXISTING CONCRETE SLAB AND SHALL CONSIST OF FURNISHING THE NECESSARY LABOR, MATERIALS AND EQUIPMENT. THE MATERIAL SHALL BE BOSTIK 276, HORN 240, FAST CRETE, MAGACRETE OR SET 45. ALL COSTS OF FURNISHING AND INSTALLING THE BOND BREAKER, JOINT SEALANT AND MAGNESIUM PHOSPHATE CONCRETE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM SPECIAL - MAGNESIUM PHOSPHATE CONCRETE.

* EXTREME CARE SHALL BE USED IN REMOVING CONCRETE FROM THE AREA OF THE CURBS BECAUSE OF THE UTILITIES IN THE CURB AREA. ANY DAMAGE TO THE UTILITIES OR CURBS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND ANY DAMAGE CAUSED TO EITHER SHALL BE REPAIRED BY THE CONTRACTOR AT NO EXPENSE TO THE STATE.

STATE OF OHIO DEPARTMENT OF TRANSPORTATION BUREAU OF BRIDGES AND STRUCTURAL DESIGN						60/9
<p>GENERAL NOTES BRIDGE NO. LAK-20-1807 OVER F. P. & E. RAILROAD</p>						
DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
		T.G.C.				