

FIELD PAINTING OF STRUCTURAL STEEL

NEW STRUCTURAL STEEL SHALL BE FIELD PAINTED WITH AN INTERMEDIATE AND FINISH COAT OF PAINT USING SYSTEM IZEU. THE COSTS FOR THIS WORK SHALL BE INCLUDED IN THE SPECIAL ITEM "PAINTING OF NEW STEEL, SYSTEM IZEU." EXISTING STEEL SHALL BE CLEANED AND PAINTED WITH A PRIME, INTERMEDIATE, AND FINISH COAT OF PAINT USING SYSTEM OZEU. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE SEVERAL SPECIAL OZEU PAINTING ITEMS FOR PAYMENT.

CONCRETE PATCHES

ONLY STRUCTURAL PATCHES (EXPOSING PRIMARY REINFORCING STEEL AFTER REMOVAL OF UNSOUND CONCRETE) SHALL BE MADE AS DIRECTED BY THE ENGINEER. SURFACE PREPARATION SHALL INCLUDE SANDBLASTING OF ALL REINFORCING STEEL AND CONCRETE TO BE PATCHED (STEEL CLEANED TO SA-1 QUALITY.) PAYMENT SHALL INCLUDE ALL WORK, INCLUDING SANDBLASTING, NECESSARY TO COMPLY WITH ITEMS 519 AND 520.

ITEM 601 - CONCRETE SLOPE PROTECTION, AS PER PLAN

THIS WORK SHALL INCLUDE REMOVAL OF EXISTING SLOPE PROTECTION MATERIAL AND EXCAVATION OF ANY MATERIAL NECESSARY TO ACHIEVE A 6" MINIMUM CONCRETE SLOPE PROTECTION DEPTH. ALSO INCLUDED IS THE PLACEMENT OF EMBANKMENT MATERIAL, COMPACTED IN ACCORDANCE WITH ITEM 203, TO FILL ERODED AREAS.

ALL COSTS FOR THE REMOVAL OF EXISTING SLOPE PROTECTION MATERIAL, EXCAVATION, EMBANKMENT, AND PLACEMENT OF CONCRETE SLOPE PROTECTION WITH WELDED WIRE FABRIC REINFORCEMENT PLACED ON FILTER FABRIC CONFORMING TO 712.09, TYPE A, SHALL BE INCLUDED UNDER THE CONTRACT BID PRICE PER SQUARE YARD, ITEM 601 - 6" CONCRETE SLOPE PROTECTION, AS PER PLAN.

ITEM 622 - PORTABLE CONCRETE BARRIER, BRIDGE MOUNTED, AS PER PLAN

THE TEMPORARY PRECAST CONCRETE BARRIERS ON THIS BRIDGE DECK MUST BE ATTACHED TO THE DECK WHERE INDICATED IN THE DRAWINGS. ANCHORING DETAILS SHOWN ON SHEET [8/29] SHALL BE USED WHERE REQUIRED.


FURNISHING, INSTALLING, MAINTAINING, AND REMOVING TEMPORARY RAILING, INCLUDING THE COMPLETE OR PARTIAL REMOVAL OF ANCHOR HARDWARE AND THE FILLING OF THE ANCHOR VOIDS WITH NONSHRINKING GROUT (WHERE ANCHORING IS REQUIRED), SHALL BE INCLUDED IN ITEM 622 (ROADWAY PLANS) FOR PAYMENT.

ITEM 516 - RESET BEARINGS

RESETTING OF ALL BEARINGS AT BOTH FORWARD AND REAR ABUTMENTS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH SHEET [25/29] OF THE PLANS. THE CONTRACTOR SHALL SUBMIT TO THE DIRECTOR FOR APPROVAL HIS PLAN FOR JACKING, BRACING, SHORING, AND RESETTING OF THE BEARINGS. THE SUPERSTRUCTURE UNIT SHALL BE RAISED AT ONE ABUTMENT ALL AT ONE TIME FOR EACH PHASE. ALL THE SUPPORTS REQUIRED FOR THE RAISING OF THE SUPERSTRUCTURE SHALL BE DESIGNED BY AN OHIO REGISTERED PROFESSIONAL ENGINEER. THIS ITEM OF WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE BID PER EACH BEARING RESET FOR ITEM 516 - RESET BEARINGS. THIS PRICE SHALL BE PAYMENT IN FULL FOR ALL MATERIAL, EQUIPMENT, AND LABOR NECESSARY TO COMPLETE THIS WORK.

PILE DESIGN LOADS:

THE DESIGN LOAD FOR THE ABUTMENT PILES IS 24 TONS PER PILE, AND THE DESIGN LOAD FOR THE PIER PILES IS 38 TONS PER PILE.

 CT Consultants, Inc. Engineers • Architects • Planners <small>Willoughby • Mentor • Columbus • North Canton • Youngstown</small>							5/29
GENERAL NOTES BRIDGE NO. LAK-306-0691 OVER STATE ROUTE 2 LAKE COUNTY							
DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED	
JEA	JEA	JEA	J.P.R.	BJA	8/31/90		