

UTILITIES

THERE ARE NO UNDERGROUND UTILITIES SHOWN ON THIS PLAN. THE NATURE OF THE WORK REQUIRED BY THIS PROJECT WILL NOT AFFECT ANY KNOWN UNDERGROUND UTILITIES UNDER OR ADJACENT TO THE WORK AREA. HOWEVER, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT OHIO811 A MINIMUM OF TWO (2) DAYS PRIOR TO BEGINNING WORK.

EXISTING STRUCTURE VERIFICATION

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

BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURES. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS THAT HAVE BEEN VERIFIED IN THE FIELD.

ROUTINE MAINTENANCE

BETWEEN THE TIME THAT BIDS ARE TAKEN AND THE START OF CONSTRUCTION, THE MAINTAINING AGENCY MAY ENTER UPON THE PROJECT AND PERFORM ROUTINE MAINTENANCE SUCH AS CRACK SEALING, PATCHING, AND OTHER REPAIRS. THE EFFECTS, IF ANY, OF THE PERFORMANCE OF ROUTINE MAINTENANCE SHALL BE CONSIDERED AS INHERENT IN WORK OF THE CHARACTER PROVIDED FOR IN THE PLAN AND THE RESULTING CONDITIONS SHALL NOT BE CONSIDERED AS DIFFERING MATERIALLY FROM THOSE EXISTING AT THE TIME BIDS WERE TAKEN.

EXISTING PLANS

EXISTING PLANS MAY BE INSPECTED IN THE ODOT DISTRICT THREE OFFICE IN ASHLAND:

PLAN NAME	DATE
RIC-545-6.95	1993
RIC-545-6.44	1959

DESIGN SPECIFICATIONS

DESIGN SPECIFICATIONS: THIS STRUCTURE CONFORMS TO THE 10TH EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2024, AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

STANDARD BRIDGE DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS

REFER TO STANDARD BRIDGE DRAWING AS-1-15 REVISED 1/21/2022.

PAVING AT STRUCTURES

STRUCTURES RIC-314-0173, RIC-545-0792, RIC-545-0993: PLANE AND PAVE THE SAME AS THE SURROUNDING ROADWAY.

STRUCTURES RIC-545-0593, RIC-545-0863, RIC-545-1015: SUSPEND AND RESUME PAVING AT REINFORCED CONCRETE BRIDGE DECK. PLANE AND PAVE 1.5" SURFACE COURSE OVER PREVIOUSLY PAVED PORTIONS OF REINFORCED CONCRETE APPROACH SLABS.

STRUCTURES RIC-545-0617: PLANE AND PAVE 1.5" SURFACE COURSE OVER REINFORCED CONCRETE APPROACH SLABS AND BRIDGE DECK.

PLACING ASPHALT CONCRETE FEATHERING ON APPROACHES TO BRIDGES

SPECIAL CARE SHALL BE TAKEN WHEN PLACING THE ASPHALT CONCRETE BUTT JOINT TO CREATE A SMOOTH TRANSITION FROM THE EXISTING APPROACH PAVEMENT TO THE BRIDGE DECK OR APPROACH SLAB. THE CONTRACTOR'S ATTENTION IS CALLED TO STANDARD DRAWING BP-3.1 FOR REQUIRED TOLERANCES.

DECK PROTECTION METHOD

RIC-545-0617: PLANE AND PAVE 1.5" ON APPROACH SLABS AND BEAMS WITH ASPHALT CONCRETE SURFACE COURSE ONLY.

RIC-545-0863, RIC-545-1015: PLANE AND PAVE 1.5" ON APPROACH SLABS WITH ASPHALT CONCRETE SURFACE COURSE ONLY. SEAL WITH GRAVITY FED RESIN ON BRIDGE DECK.

RIC-314-0173, RIC-545-0593, RIC-545-0792, RIC-545-0993: NO DECK PROTECTION METHOD

EXISTING REINFORCING STEEL

EXISTING REINFORCING STEEL, WHEN SHOWN, IS DETAILED FOR REPRESENTATION PURPOSES ONLY. IT IS NOT DETAILED TO SCALE. WHEN PERFORMING ALL REPAIR OR PATCHING WORK, TAKE UTMOST CARE TO NOT DAMAGE THE EXISTING REINFORCING STEEL. SHOULD THE EXISTING REINFORCING STEEL BE DAMAGED IN THE COURSE OF PERFORMING THE WORK, REPLACE THE DAMAGED STEEL AT NO COST TO THE DEPARTMENT. COAT ALL EXPOSED REINFORCING STEEL WITH AN APPROVED EPOXY COATING MATERIAL AND ALLOW SUFFICIENT CURING TIME PRIOR TO PLACING NEW CONCRETE. COST FOR THE ABOVE WORK WILL BE CONSIDERED INCIDENTAL TO THE APPROPRIATE REPAIR OR PATCHING ITEM.

ITEM SPECIAL – PATCHING CONCRETE BRIDGE DECK – TYPE B

USE THIS ITEM AT THE LOCATIONS INDICATED IN THE PLANS. QUANTITIES SHOWN IN THE PLANS ARE FOR ESTIMATING PURPOSES ONLY. EXACT DIMENSIONS AND LOCATIONS OF REPAIRS SHALL BE DETERMINED BY THE ENGINEER.

SEE PROPOSAL NOTE 512 FOR ADDITIONAL DETAILS.

PAYMENT FOR ALL OF THE ABOVE ITEMS WILL BE MADE AT THE UNIT BID PRICE PER SQUARE YARD AND IS TO INCLUDE ALL LABOR, EQUIPMENT, MATERIALS, AND INCIDENTALS NECESSARY TO COMPLETE THE ABOVE WORK.

ITEM SPECIAL – SAWING AND SEALING BITUMINOUS CONCRETE JOINTS

USE THIS ITEM TO SAW AND SEAL A NEW JOINT BETWEEN THE APPROACH SLAB AND BACKWALL ON THE RIC-545-0615 STRUCTURE.

USE THIS ITEM TO SAW AND SEAL A NEW JOINT BETWEEN THE NEW PAVEMENT AND BACKS OF WINGWALLS, AND THE JOINT AROUND THE RECTANGULAR EXPOSED SECTIONS OF APPROACH SLAB CONCRETE ON THE RIC-545-0863 STRUCTURE.

USE THIS ITEM TO SAW AND SEAL A NEW JOINT THE WIDTH OF THE BRIDGE BETWEEN THE BRIDGE DECK AND BACKWALLS, THE JOINT BETWEEN THE APPROACH SLAB CONCRETE AND BACK OF BACKWALL, AND THE SIDES OF THE APPROACH SLABS ON BOTH ENDS ON THE RIC-545-1015 STRUCTURE.

THE CONTRACTOR SHALL REFER TO NOTE 2 ON DETAIL C ON STANDARD CONSTRUCTION DRAWING AS-1-15.

THIS WORK SHALL BE PERFORMED AFTER CONCRETE PATCHING ON THE APPROACH SLAB AND DECK IS COMPLETED. THE SEALING MATERIAL SHALL CONFORM TO C&MS 516.

PAYMENT FOR ALL OF THE ABOVE ITEMS WILL BE MADE AT THE UNIT BID PRICE PER FOOT AND IS TO INCLUDE ALL LABOR, EQUIPMENT, MATERIALS, AND INCIDENTALS NECESSARY TO COMPLETE THE ABOVE WORK.