

UTILITIES

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROXIMITY OF THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS/CONTACTS:

COLUMBIA GAS
ALISON GARBASH
(937) 521-9062
AGARBASH@NISOURCE.COM

OHIO EDISON
MICHAEL JANSON
(330) 830-7092
JANSONM@FIRSTENERGYCORP.COM

CITY OF SPRINGFIELD
TRAVIS PARSONS
(937) 525-5800
TPARSONS@SPRINGFIELDOHIO.GOV

SPRINT/T-MOBILE
STEVEN T. HUGHES
OFFICE: (513) 459-5796
MOBILE: (814) 553-2300
STEVEN.HUGHES1@T-MOBILE.COM

EXISTING PLANS

EXISTING PLANS ENTITLED CLA-72-0863 MAY BE INSPECTED AT THE ODOT DISTRICT 7 OFFICE IN SIDNEY, OHIO

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

PROTECTION OF RIGHT-OF-WAY LANDSCAPING

PRIOR TO BEGINNING WORK, THE CONTRACTOR, THE PROJECT ENGINEER, AND A REPRESENTATIVE OF THE MAINTAINING AGENCY WILL REVIEW AND RECORD ALL LANDSCAPING ITEMS WITHIN THE RIGHT-OF-WAY (BOTH WITHIN AND OUTSIDE THE CONSTRUCTION LIMITS). A RECORD OF THIS REVIEW WILL BE KEPT IN THE PROJECT ENGINEER'S FILES. PRIOR TO FINAL ACCEPTANCE, A FINAL REVIEW OF LANDSCAPING ITEMS WILL BE MADE.

CONSTRUCT ALL ACTIVITIES, EQUIPMENT STORAGE, AND STAGING TO WITHIN THE CONSTRUCTION LIMITS. UNLESS OTHERWISE IDENTIFIED IN THE PLANS OR PROPOSAL, THE CONSTRUCTION LIMITS ARE IDENTIFIED ON P.14 AND P.15

SUBMIT A WRITTEN REQUEST TO THE PROJECT ENGINEER TO USE ANY AREA OUTSIDE THESE LIMITS. THE DOCUMENT SUBMITTED MUST CLEARLY IDENTIFY THE AREA AND EXPLAIN THE PROPOSED USE AND RESTORATION OF THE AREA. USE OF THESE AREAS FOR DISPOSAL OF WASTE MATERIAL AND CONSTRUCTION DEBRIS, EXCAVATION OF BORROW MATERIAL AND PLACEMENT OF PORTABLE PLANTS IS PROHIBITED. THE REQUEST MUST BE APPROVED, IN WRITING, BEFORE THE CONTRACTOR HAS PERMISSION TO USE THE AREA.

ANY ITEMS DAMAGED BEYOND THE CONSTRUCTION LIMITS, AS DEFINED ABOVE, WILL BE REPLACED IN KIND OR AS APPROVED BY THE PROJECT ENGINEER.

COOPERATION WITH RAILROAD

THE CONTRACTOR SHALL COORDINATE ALL WORK ON OR ADJACENT TO THE RAILROADS WITHIN THE PROJECT LIMITS, STRUCTURE CLA-72-0863. THE CONTRACTOR SHALL CONTACT NORFOLK SOUTHERN, AT LEAST 30 DAYS IN ADVANCE, IN ORDER TO COORDINATE THE NECESSARY WORK. UNDER NO CIRCUMSTANCES SHALL THERE BE ANY WORK WITHIN THE RAILROAD RIGHT OF WAY WITHOUT THE PROPER AUTHORIZATION AND/OR FLAG PROTECTION FROM THE RAILROAD.

ALL UTILITY INSTALLATIONS OR RELOCATIONS THAT ARE REQUIRED IN CONJUNCTION WITH THIS PROJECT CAN BE INSTALLED OR RELOCATED AS PART OF THE PROJECT PROVIDED THE CONSTRUCTION IS PERFORMED BY THE PROJECT CONTRACTOR OR PROJECT CONTRACTOR'S SUB-CONTRACTOR. HOWEVER, THE UTILITY MUST SUBMIT AN APPLICATION FOR-THE INSTALLATION-OR RELOCATION TO NS PIPE AND WIRE FOR APPROPRIATE HANDLING FOR LICENSE AGREEMENT AND APPLICABLE FEES. FOR UTILITY APPLICATIONS GO TO: HTTP://WWW.NSCORP.COM/CONTENT/NSCORP/EN/REAL-ESTATE/NORFOLK-SOUTHERN-SERVICES/WIRE-PIPELINE-FIBER-OPTIC-PROJECTS.HTML. NOTE: LICENSE AGREEMENT MUST BE EXECUTED PRIOR TO UTILITY BEING INSTALLED OR RELOCATED.

PROTECTION OF BIKE TRAFFIC ON WASHINGTON STREET:

WASHINGTON STREET IS A DESIGNATED BIKE ROUTE. THE CONTRACTOR SHALL MAINTAIN ACCESS FOR CYCLISTS ON WASHINGTON STREET THROUGHOUT CONSTRUCTION.

YMCA PLAYGROUND

THE YMCA PLAYGROUND LOCATED UNDER THE BRIDGE IS NOT TO BE USED FOR STORAGE OF VEHICLES AND CONSTRUCTION EQUIPMENT. THE PLAYGROUND OR SPACE ABOVE IS NOT ACCESSIBLE TO CONSTRUCTION PERSONNEL OR EQUIPMENT BETWEEN THE DATES 5/20/22 AND 8/31/22 AT THE TIMES OF 9:00 AM TO 4:00 PM (KID SUMMER CAMP). THE YMCA CONTACTS FOR THE DURATION OF THE PROJECT IS LISTED BELOW:

FACILITIES DIRECTOR
BRETT HALSEY
(937) 323-3781 EXT 105
bhalsey@springfield-ymca.org

EXECUTIVE DIRECTOR
PAUL WEBER
(937) 323-3781 EXT 110
pweber@springfield-ymca.org

THE CONTRACTOR AND CONSTRUCTION PERSONNEL SHOULD CONTACT IN ADVANCE TO SET DATES AND TIMES FOR SUBSTRUCTURE WORK NEAR AND AROUND THE YMCA PLAYGROUND.

CLARK STATE PARKING LOT

THE CLARK STATE PARKING LOT LOCATED UNDER THE BRIDGE IS ABLE TO BE USED FOR STORAGE OF VEHICLES AND CONSTRUCTION EQUIPMENT. THE CLARK STATE CONTACT FOR THE DURATION OF THE PROJECT IS LISTED BELOW:

GROUNDS AND FLEET DIRECTOR
AMANDA HONEYCUTT
(937) 328-3872
honeycutta@clarkstate.edu

DESIGN SPECIFICATIONS

THIS STRUCTURE CONFORMS TO THE 9TH EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

EXISTING STRUCTURE VERIFICATION

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

CONTRACT BID PRICES SHALL BE BASED UPON A 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 UPON ACTUAL DETAILS AND DIMENSIONS, WHICH HAVE BEEN VERIFIED BY THE CONTRACTOR IN THE FIELD. PLANS OF THE EXISTING STRUCTURES MAY BE EXAMINED AT THE DISTRICT SEVEN OFFICE IN SIDNEY, OHIO OR THE OFFICE OF STRUCTURAL ENGINEERING IN COLUMBUS, OHIO.

ITEM 202, PORTIONS OF STRUCTURE REMOVED, AS PER PLAN

THIS ITEM SHALL INCLUDE THE ELEMENTS INDICATED IN THE PLANS AND GENERAL NOTES AND THAT ARE NOT SEPARATELY LISTED FOR PAYMENT, EXCEPT FOR WEARING COURSE REMOVAL. ITEMS TO BE REMOVED INCLUDE ALL EXISTING MATERIALS BEING REPLACED BY NEW CONSTRUCTION AND MISCELLANEOUS ITEMS THAT ARE NOT SHOWN TO BE INCORPORATED INTO THE FINAL CONSTRUCTION AND ARE DIRECTED TO BE REMOVED BY THE ENGINEER. THE USE OF EXPLOSIVES, HEADACHE BALLS AND/OR HOE-RAMS WILL NOT BE PERMITTED. THE METHOD OF REMOVAL AND THE WEIGHT OF HAMMER SHALL BE APPROVED BY THE ENGINEER. PERFORM ALL WORK IN A MANNER THAT WILL NOT CUT, ELONGATE OR DAMAGE THE EXISTING REINFORCING STEEL TO BE PRESERVED. CHIPPING HAMMERS SHALL NOT BE HEAVIER THAN THE NOMINAL 90-POUND CLASS. PNEUMATIC HAMMERS SHALL NOT BE PLACED IN DIRECT CONTACT WITH REINFORCING STEEL THAT IS TO BE RETAINED IN THE REBUILT STRUCTURE. SUBMIT CONSTRUCTION PLANS ACCORDING TO C&MS 501.05.

CUT LINE CONSTRUCTION JOINT PREPARATION
SAW CUT BOUNDARIES OF PROPOSED CONCRETE REMOVALS 1 INCH DEEP. REMOVE CONCRETE TO A ROUGH SURFACE. LEAVE THE EXISTING REINFORCING STEEL, IF REQUIRED IN THE PLANS, IN PLACE. INSTALL DOWEL BARS IF SPECIFIED. PRIOR TO CONCRETE PLACEMENT ABRASIVELY CLEAN JOINT SURFACES AND EXISTING EXPOSED REINFORCEMENT TO REMOVE LOOSE AND DISINTEGRATED CONCRETE AND LOOSE RUST. THOROUGHLY CLEAN THE JOINT SURFACE AND EXPOSED REINFORCEMENT OF ALL DIRT, DUST, RUST OR OTHER FOREIGN MATERIAL BY THE USE OF WATER, AIR UNDER PRESSURE, OR OTHER METHODS THAT PRODUCE SATISFACTORY RESULTS. EXISTING REINFORCING STEEL DOES NOT HAVE TO HAVE A BRIGHT STEEL FINISH BUT REMOVE ALL PACK AND LOOSE RUST. THOROUGHLY DRENCH EXISTING CONCRETE SURFACES WITH CLEAN WATER AND ALLOW TO DRY TO A DAMP CONDITION BEFORE PLACING CONCRETE.

ITEM 509 - REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN

REPLACE ALL EXISTING REINFORCING BARS DEEMED BY THE ENGINEER TO BE UNUSABLE BECAUSE OF CORROSION. THE DEPARTMENT WILL MEASURE THE REPLACEMENT REINFORCING STEEL BY THE NUMBER OF POUNDS ACCEPTED IN PLACE. REPLACE ALL EXISTING REINFORCING STEEL BARS WHICH ARE TO BE INCORPORATED INTO THE NEW WORK AND ARE DEEMED BY THE ENGINEER TO BE MADE UNUSABLE BY CONCRETE REMOVAL OPERATIONS WITH NEW REINFORCING STEEL OF THE SAME SIZE AND COATING AT NO COST TO THE DEPARTMENT.

ITEM 516 - 2" DEEP JOINT SEALER, AS PER PLAN

A 2" DEEP X 1/2" WIDE STRIP SHALL BE SAWCUT OUT OF THE ASPHALT OR OVERLAY ABUTTING CONCRETE AS DETAILED IN THE PLANS. IN LIEU OF SAWCUTTING AFTER CONSTRUCTION, THIS JOINT MAY BE FORMED DURING CONSTRUCTION. JOINT SEALER AS PER 705.04 SHALL BE USED TO SEAL THE JOINT CREATED.

ITEM 519 - PATCHING CONCRETE STRUCTURES, AS PER PLAN

PRIOR TO THE SURFACE CLEANING SPECIFIED IN 519.04 AND WITHIN 24 HOURS OF PLACING PATCHING MATERIAL, BLAST CLEAN ALL SURFACES TO BE PATCHED INCLUDING THE EXPOSED REINFORCING STEEL. ACCEPTABLE METHODS INCLUDE HIGH-PRESSURE WATER BLASTING WITH OR WITHOUT ABRASIVES IN THE WATER, ABRASIVE BLASTING WITH CONTAINMENT, OR VACUUM ABRASIVE BLASTING.

ITEM 848-SURFACE PREPARATION USING HYDRODEMOLITION, AS PER PLAN

PREPARE CONCRETE SURFACE USING HYDRODEMOLITION ACCORDING TO SUPPLEMENTAL SPECIFICATION 848 EXCEPT THAT DEPTH OF HYDRODEMOLITION, "D" SHALL BE 3/4" CLOSE PARKING SPACES BELOW THE BRIDGE DECK PRIOR TO AND DURING HYDRODEMOLITION OPERATION.

ITEM 848-SUPERPLASTICIZED DENSE CONCRETE OVERLAY USING HYDRODEMOLITION 2 1/2" THICK

AS PER SS848.26, ALL JOINTS IN THE OVERLAY SHALL BE FORMED FULL DEPTH SUCH THAT THE MATERIAL IS PLACED AGAINST A VERTICAL EDGE, INCLUDING THE MORTAR LINE AFTER HYDRODEMOLITION AND ANY VARIABLE DEPTH AREAS.

ITEM 848-REMOVAL OF DEBONDED OR DETERIORATED EXISTING VARIABLE THICKNESS CONCRETE OVERLAY

AS PER SS848.19, NO HYDRODEMOLITION IS TO BE PERFORMED UNTIL THE UNBONDED VARIABLE THICKNESS EXISTING CONCRETE OVERLAY HAS BEEN REMOVED TO THE ENGINEER'S APPROVAL.

SUBSTRUCTURE ACCESS

REAR ABUTMENT: ACCESS FROM MONROE STREET
PIER 1-3: INSTALL TEMPORARY GATE IN FENCE FROM MONROE STREET UNDER BRIDGE
PIER 4-6: YMCA PARKING LOT, SOUTH LIMESTONE ENTRANCE
PIER 7-8: CLARK STATE COMMUNITY COLLEGE PARKING LOT, WASHINGTON STREET ENTRANCE
FORWARD ABUTMENT: WASHINGTON STREET

ITEM 607 - GATE, TYPE CL, AS PER PLAN

THE FENCE ACCESS FOR PIER 1-3 SHALL BE BY INSTALLATION OF A TEMPORARY, LOCKABLE GATE. THE GATE IS TO BE LOCKED WHENEVER WORKERS ARE NOT PRESENT. WHEN NO LONGER NEEDED, THE TEMPORARY GATE SHALL BE REMOVED AND THE FENCE RESTORED TO THE EXISTING CONDITION. PAYMENT FOR THE ABOVE LISTED WORK SHALL BE UNDER ITEM 607, GATE, TYPE CL, AS PER PLAN.

DESIGN AGENCY



DISTRICT 7 ENGINEERING

DESIGNER

LCG

REVIEWER

DHG 06/09/21

PROJECT ID

108063

SHEET

TOTAL

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