

GENERAL NOTES:

PROPOSED WORK:

THE FOLLOWING IS A GENERAL SUMMARY OF THE PROPOSED WORK FOR THIS STRUCTURE; INCIDENTAL ITEMS ARE NOT INCLUDED.

OPTION A:

1. REMOVE EXISTING DECK CONCRETE DECK SLAB, PARAPETS AND APPROACH SLABS.
2. REMOVE ABUTMENT BACKWALLS, PORTIONS OF WINGWALLS, PIER CAPS AND COLUMNS TO 1'-0" MINIMUM BELOW EXISTING GROUND.
3. REMOVE CROSSFRAMES AND BEAMS.
4. INSTALL NEW CULVERT.
5. COMPACT FILL IN BRIDGE FOOTPRINT TO PROPOSED GRADE.
6. CONSTRUCT NEW ROADWAY.
7. OPEN TO TRAFFIC.

OPTION B:

1. INSTALL NEW CULVERT.
2. COMPACT FILL UNDER BRIDGE TO WITHIN 10'-0" OF PROPOSED GRADE.
3. REMOVE EXISTING DECK CONCRETE DECK SLAB, PARAPETS AND APPROACH SLABS.
4. REMOVE ABUTMENT BACKWALLS, PORTIONS OF WINGWALLS, PIER CAPS AND COLUMNS TO 1'-0" MINIMUM BELOW PROPOSED GROUND.
5. REMOVE CROSSFRAMES AND BEAMS.
6. COMPACT FILL UNDER BRIDGE TO PROPOSED GRADE.
7. CONSTRUCT NEW ROADWAY.
8. OPEN TO TRAFFIC.

EXISTING STRUCTURE VERIFICATION:

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 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 CMS SECTIONS 102.05, 105.02 AND *513.04.

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

EXISTING BRIDGE PLANS:

EXISTING BRIDGE PLANS CAN BE VIEWED AT ODOT DISTRICT 4 OFFICE.

ITEM 202. PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN. AS PER PLAN:

- A. THIS WORK CONSISTS OF THE REMOVAL OF THE EXISTING SUPERSTRUCTURE (CONCRETE DECKS INCLUDING PARAPETS, MEDIANS, RAILINGS, DECK JOINTS, BEAMS, GIRDERS, CROSS FRAMES, ETC.) AS WELL AS THE PIERS TO 1 FOOT BELOW EXISTING GRADE. THE PROVISIONS OF ITEM 202 APPLY. SUBMIT CONSTRUCTION PLANS ACCORDING TO CMS 501.05.
- B. REMOVALS METHODS: THE CONTRACTOR MAY REMOVE CONCRETE BY CUTTING AND BY MEANS OF HAND OPERATED PNEUMATIC HAMMERS EMPLOYING POINTED OR BLUNTED CHISEL TYPE TOOLS. FOR REMOVAL OVER STRUCTURAL MEMBERS (STEEL GIRDERS), THE CONTRACTOR MAY USE A HAMMER HEAVIER THAN 35 POUNDS [16 KILOGRAMS] BUT NOT TO EXCEED 90 POUNDS [41 KILOGRAMS] UNLESS APPROVED BY THE ENGINEER.
- C. SUBSTRUCTURE CONCRETE REMOVAL: REMOVAL OF PORTIONS OF ABUTMENTS INCLUDING BACKWALLS AND WINGWALLS, PIER CAPS AND COLUMNS TO 1 FOOT BELOW EXISTING GRADE. REMOVE CONCRETE BY MEANS OF APPROVED PNEUMATIC HAMMERS EMPLOYING POINTED AND BLUNT CHISEL TOOLS. HYDRAULIC HOE-RAM TYPE HAMMERS WILL BE PERMITTED.
- D. MEASUREMENT & PAYMENT: THE DEPARTMENT WILL MEASURE THE QUANTITY OF REMOVALS ON A LUMP SUM BASIS. THE DEPARTMENT WILL PAY FOR THE ACCEPTED QUANTITIES OF REMOVALS AT THE CONTRACT PRICE FOR ITEM 202, PORTIONS OF STRUCTURE REMOVED, AS PER PLAN.

UTILITY LINES:

UTILITY LINES: THE UTILITY(IES) SHALL BORE ALL EXPENSE INVOLVED IN RELOCATING (INSTALLING) THE AFFECTED UTILITY LINES. THE CONTRACTOR AND UTILITY(IES) ARE TO COOPERATE BY ARRANGING THEIR WORK IN SUCH A MANNER THAT INCONVENIENCE TO EITHER WILL BE HELD TO A MINIMUM.

ASBESTOS NOTIFICATION:

AN ASBESTOS SURVEY OF TECH BRIDGE STRUCTURES FOR REHABILITATION WAS CONDUCTED BY A CERTIFIED ASBESTOS HAZARD EVALUATION SPECIALIST. THE SURVEY DETERMINED THAT NO ASBESTOS IS PRESENT ON THE BRIDGE STRUCTURE.

A COPY OF THE OHIO ENVIRONMENTAL PROTECTION AGENCY (OEPA) NOTIFICATION OF DEMOLITION AND RENOVATION FORM WI BE PROVIDED TO THE SUCCESSFUL BIDDER. THE CONTRACTOR SHALL COMPLETE THE FORM AND SUBMIT IT TO OHIO EPA, DIVISION OF AIR POLLUTION WITH FULL FEE PAYMENT. ONLINE SUBMISSION IS AVAILABLE AND IS ENCOURAGED OR, THE CONTRACTOR SHALL SUBMIT IT TO ONE OF THE ADDRESSES BELOW AT LEAST TEN (10) WORKING DAYS PRIOR TO THE START OF ANY DEMOLITION AND/OR RENOVATION.

ASBESTOS PROGRAM
OHIO EPA, DAPC
P.O. BOX 1049
COLUMBUS, OH 43216-1049

OR

ASBESTOS PROGRAM
OHIO EPA, DAPC
50 W. TOWN ST., SUITE 700
COLUMBUS, OH 43215

THE CONTRACTOR SHALL PROVIDE A COPY OF THE COMPLETED FORM TO THE ENGINEER AT LEAST TEN (10) WORKING DAYS PRIOR TO THE START OF ANY DEMOLITION AND/OR RENOVATION. THE FORM SHALL INCLUDE:

- 1) THE CONTRACTORS NAME AND ADDRESS,
- 2) THE SCHEDULED DATES FOR THE START AND COMPLETION OF THE BRIDGE REMOVAL AND
- 3) A DESCRIPTION OF THE PLANNED DEMOLITION WORK AND THE METHOD(S) TO BE USED.

COPIES OF THE OEPA FORM AND BRIDGE INSPECTION REPORT ARE AVAILABLE FOR REVIEW AT THE ODOT DISTRICT 12 OFFICE, 5500 TRANSPORTATION BOULEVARD, GARFIELD HEIGHTS, OHIO 44125.

BASIS FOR PAYMENT - THE CONTRACTOR SHALL FURNISH ALL FEES, LABOR, AND MATERIAL NECESSARY TO COMPLETE AND SUBMIT THE OEPA NOTIFICATION FORM. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN ITEM 202 - PORTIONS OF STRUCTURE REMOVED, AS PER PLAN.

ROADWAY CONSTRUCTION:

FOR ROADWAY PLANS, SEE SHEETS 101204 AND 102204.

MAINTENANCE OF TRAFFIC:

FOR MAINTENANCE OF TRAFFIC PLANS, SEE SHEETS 16204 THRU 82204.

STANDARD ABBREVIATIONS:

- BRGS. - BEARINGS
- C/C - CENTER TO CENTER
- C.J. - CONSTRUCTION JOINT
- CPP. - CORRUGATED PLASTIC PIPE
- CLR. - CLEAR
- DIA. - DIAMETER
- E.F. - EACH FACE
- EQ. - EQUAL
- EXIST. - EXISTING
- EXP. - EXPANSION
- F.A. - FORWARD ABUTMENT
- F.F. - FAR FACE
- F.S. - FIELD SPLICE
- MIN. - MINIMUM
- N.F. - NEAR FACE
- PEJF - PREFORMED EXPANSION JOINT FILLER
- R.A. - REAR ABUTMENT
- SER. - SERIES
- SPA. - SPACING/SPACES
- TYP. - TYPICAL

STA-225-00.59C ESTIMATED QUANTITIES

MADE BY: CRG
DATE: 02/24/18

CHECKED BY: TES
DATE: 04/18/19

ITEM	ITEM EXT.	TOTAL 02/S<2/BR	UNITS	DESCRIPTION	STA-225-0059				SHT. REF.
					ABUTS.	PIERS	SUPER.	GENERAL	
202	11203	LUMP		PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN				LUMP	2
202	22900	278	SQ YD	APPROACH SLAB REMOVED				278	
202	23500	278	SQ YD	WEARING COURSE REMOVED				278	
SPECIAL	65000	2	EA	SETTLEMENT PLATFORM				2	3



DESIGNED	AMT	CHECKED	CRG
DRAWN	AMT	REVISED	
REVIEWED	KDC	STRUCTURE FILE NUMBER	7605927
DATE	1/29/2021		

GENERAL NOTES (1 OF 2)
BRIDGE NO. STA-225-0059C
US-225 OVER US-62T

STA -62T / 225 -
01.37R & 01.38L / 00.59
PID No. 102870

2 / 3

193
204

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