# STRUCTURE GENERAL NOTES

ITEM SP 202 – PORTIONS OF STRUCTURE REMOVED:

IN ORDER TO FACILITATE BEAM REMOVAL, PORTIONS OF THE DECK AND BARRIER SHALL BE REMOVED PER SP 202 AND SP 527. CARE SHALL BE TAKEN DURING THE REMOVAL TO PROTECT EXISTING DECK REINFORCING, EXISTING STRUCTURAL STEEL, AND EXISTING SPLICE PLATES. SEE FRAMING PLAN AND SLAB DETAILS FOR MORE INFORMATION REGARDING EXISTING MATERIALS TO BE SALVAGED AND INCORPORATED INTO THE REPAIRED STRUCTURE.

REMOVAL METHODS:
REMOVAL METHODS SHALL BE PER SP 202 WITH THE USE OF EXPLOSIVES, HEADACHE BALLS AND/OR HOE-RAM TYPE EQUIPMENT BEING PROHIBITED.

ITEM SP 514A – FIELD PAINTING OF EXISTING STRUCTURES - SYSTEM OZEU, AS PER PLAN:

WORK UNDER THIS ITEM INCLUDES PREPARING AND COATING THE FOLLOWING AREAS OF EXISTING STEEL WITH A PAINT SYSTEM THAT MATCHES EXISTING OR IS AN APPROVED ALTERNATE:

1. ANY AREA WHERE GRINDING, ABRASIVE BLASTING OR WELDING OCCURRED.

2. ANY AREA DAMAGED BY THE CONTRACTOR'S OPERATIONS.

THE TOPCOAT COLOR SHALL BE FEDERAL STANDARD 595B-14159, OR SHALL MATCH THE COLOR OF THE EXISTING COATING SYSTEM PER SP 514A 202B.

THIS ITEM ALSO INCLUDES PAINTING NEW BEAM, ALL OTHER NEW STEEL, AND 1' BEYOND NEW OR REINSTALLED CONNECTION PLATES.

ALL LABOR, MATERIALS, AND EQUIPMENT TO PERFORM THIS WORK SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM SP 514A – FIELD PAINTING OF EXISTING STRUCTURES, SYSTEM OZEU, AS PER PLAN, FOR PAYMENT.

ITEM 513 - STRUCTURAL STEEL MEMBERS, LEVEL 3 OR LEVEL UF, AS PER PLAN

WORK UNDER THIS ITEM INCLUDES THE FABRICATION AND INSTALLATION OF A REPLACEMENT BEAM, NEW DIAPHRAGMS, CONNECTION PLATES,AND EXPANSION JOINT EXTRUSION AS SHOWN IN THE PLANS. THIS WORK ALSO INCLUDES CLEANING THE EXISTING STEEL IN AREAS TO BE WELDED BY REMOVING EXISTING PAINT BY GRINDING OR PENCIL ABRASIVE BLASTING. PROVIDE A SURFACE FINISH ACCORDING TO ANSI B46.1 OF 250 MIL (6.4 MICROMETERS). THIS WORK ALSO INCLUDES BUT IS NOT LIMITED TO THE FIELD DRILLING OF BOLT HOLES, WELDING AND THE FURNISHING AND INSTALLATION OF BOLTS, AND ALL INCIDENTALS NECESSARY TO COMPLETE THIS WORK. THIS ITEM ALSO INCLUDES THE SHOP APPLICATION OF THE INORGANIC ZINC PRIME COAT TO THE PROPOSED REPLACEMENT BEAM SECTION.

ALL LABOR, MATERIALS, AND EQUIPMENT TO PERFORM THIS WORK SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 513 - STRUCTURAL STEEL MEMBERS, LEVEL 3 OR UF, AS PER PLAN.

ITEM 516 - JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN:

THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF THE TEMPORARY GIRDER SUPPORT SYSTEM AS DETAILED IN THIS PLAN SET. ANY DAMAGE TO STRUCTURAL MEMBERS, CONNECTIONS, OR PARTS THAT ARE TO REMAIN AS PART OF THE PERMANENT CONDITION SHALL BE CORRECTED AND/OR REPAIRED BY THE CONTRACTOR AT HIS EXPENSE TO THE SATISFACTION OF THE ENGINEER.

ALL WORK NECESSARY FOR PERFORMING THE ITEMS DESCRIBED WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE AND SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY.

## LOCATION MAP

| | | | ESTIMATED QUANTITIES - MP 236.7 PART B |
|---|---|---|---|
| ITEM | TOTAL | UNITS | DESCRIPTION |
| | | | |
| SP 202 | 1 | LUMP | PORTIONS OF STRUCTURE REMOVED |
| | | | |
| SP 509 | 2444 | LB | EPOXY COATED REINFORCING STEEL |
| | | | |
| 511 | 13 | CY | CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE |
| | | | |
| 513 | 1 | LUMP | STRUCTURAL STEEL MEMBERS, LEVEL 3 OR LEVEL UF, AS PER PLAN |
| 513 | 99 | EACH | WELDED SHEAR STUD CONNECTORS |
| | | | |
| SP 514A | 1 | LUMP | FIELD PAINTING OF EXISTING STRUCTURES - SYSTEM OZEU, AS PER PLAN |
| 516 | 1 | LUMP | JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN |
| | | | |
| SP 525A | 1 | LUMP | WORKER PROTECTION |
| SP 525A | 3 | EACH | PROTECTIVE CLOTHING/EQUIPMENT SET |
| SP 525A | 1 | LUMP | ESTABLISH REGULATED AREAS |
| SP 525A | 1 | LUMP | PAINT WASTE/HAZARDOUS WASTE CLASSIFICATION, HANDLING, AND DISPOSAL |
| SP 525A | 1 | LUMP | CONTAINMENT SYSTEM |
| | | | |
| SP 527 | 1 | LUMP | FALSEWORK |
| | | | |
| SP 533 | 32 | LFT | CONTINUOUS STRIP SEAL IN STRUCTURAL STEEL JOINT |
| | | | |
| SP 536 | 58 | SY | CONCRETE WEATHERPROOFING BARRIERS AND PARAPETS |

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NOTE: ITEMS IB ART. 6 - PREMIUM CONTRACT PERFORMANCE BOND, SP 614 - MAINTAINING TRAFFIC, AS PER PLAN, AND 624 - MOBILIZATION ARE ALL TO BE PAID FOR UNDER PROJECT 99-22-04 AND ARE INTENDED FOR BOTH PART A AND PART B.

992204-QUANTITIES-B.dwg; 6/02/23 - 12:42pm

DESIGN AGENCY
AECOM 564 WHITE POND DRIVE AKRON, OHIO 44320-1100 836-9111

| NO. | REVISIONS | BY | DATE |
|---|---|---|---|
| 1 | REMOVED ITEM 849 | AMA | 6/02/23 |
| - | - | - | - |
| - | - | - | - |

| DESIGNED | CHECKED |
|---|---|
| AMA | GAD |
| DRAWN | IN CHARGE |
| TMR | MRW |

GENERAL NOTES, QUANTITIES AND LOCATION MAP
BEARD ROAD (C.R. 167) OVER OHIO TURNPIKE
MAHONING COUNTY
M.P. 236.7

PROJECT 99-22-04
DATE: 03/28/23

3 / 12

10 / 19

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION