

APPROVED MAINTENANCE OF TRAFFIC (MOT) POLICY EXCEPTION(S)

PORTIONS OF THE MOT PLANS AS DESCRIBED BELOW HAVE APPROVED MOT EXCEPTION(S) PER TRAFFIC MANAGEMENT IN WORK ZONES POLICY (21-008(P)) AND STANDARD PROCEDURE (123-001(SP)).

APPROVED MOT EXCEPTION(S) INCLUDE:
-REDUCE I-76 IN THE VICINITY OF NEW MILFORD ROAD AND HATTRICK ROAD TO A SINGLE LANE PER BOUND FOR A PERIOD NOT TO EXCEED 60 DAYS.

A MAINTENANCE OF TRAFFIC MEETING SHALL BE HELD A MINIMUM OF 30 CALENDAR DAYS PRIOR TO IMPLEMENTATION OF EACH APPROVED MOT EXCEPTION. THIS MEETING SHALL INCLUDE THE DISTRICT WORK ZONE TRAFFIC MANAGER, OHIO STATE HIGHWAY PATROL, AND ROOTSTOWN TOWNSHIP FIRE DEPARTMENT AS WELL AS THE CONTRACTOR, WORKSITE TRAFFIC SUPERVISOR (WTS) AND ANY SUBCONTRACTORS INVOLVED WITH TEMPORARY TRAFFIC CONTROL.

IN ADDITION TO ANY NOTIFICATIONS REQUIRED IN OTHER NOTES, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AT LEAST 3 BUSINESS DAYS IN ADVANCE OF IMPLEMENTATION OF THE APPROVED MOT EXCEPTION(S) REFERENCED ABOVE SO THAT THE PROJECT ENGINEER CAN SEND EMAIL NOTIFICATION TO THE OFFICE OF ROADWAY ENGINEERING, STATEWIDE TMC, DWZTM AND SPECIAL HAULING PERMITS AT LEAST 2 BUSINESS DAYS IN ADVANCE OF THE IMPLEMENTATION OF THE APPROVED MOT EXCEPTION(S) REFERENCED ABOVE. REFERENCE "EXCEPTION REQUEST APPROVAL DATED 4/11/2025 FOR PID 112778" IN THE NOTIFICATION AND OTHER CORRESPONDENCE.

ANY CHANGES TO THE MOT THAT IMPACT THE PREVIOUSLY APPROVED MOT EXCEPTION(S) LISTED ABOVE SHALL BE APPROVED IN WRITING BY THE MOT EXCEPTION COMMITTEE (MOTEC). IN THE EVENT THAT SUCH CHANGES ARE PROPOSED, THE REQUEST SHALL BE COORDINATED THROUGH THE DISTRICT WORK ZONE TRAFFIC MANAGER (DWZTM) A MINIMUM OF 30 CALENDAR DAYS PRIOR TO THE DESIRED IMPLEMENTATION DATE. IF THE DISTRICT AGREES WITH THE PROPOSED CHANGES THE DWZTM SHALL SEEK APPROVAL FROM THE MOTEC. IN THE EVENT THE PROPOSED CHANGES ARE APPROVED IN WRITING, THE CLOSURES ARE STILL SUBJECT TO NOTIFICATION REQUIREMENTS WITHIN THIS NOTE PRIOR TO IMPLEMENTATION.

ITEM 614, WORK ZONE IMPACT ATTENUATOR FOR 24" WIDE HAZARDS (UNIDIRECTIONAL OR BIDIRECTIONAL)

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING A NON-GATING IMPACT ATTENUATOR. FURNISH AN IMPACT ATTENUATOR FROM THE OFFICE OF ROADWAY ENGINEERING'S APPROVED LIST FOR WORK ZONE IMPACT ATTENUATORS, FROM THE ROADWAY STANDARDS APPROVED PRODUCTS WEB PAGE.

INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE CONTRACTOR SHALL REPAIR OR REPLACE A DAMAGED UNIT WITHIN 24 HOURS OF A DAMAGING IMPACT.

WHEN BIDIRECTIONAL DESIGNS ARE SPECIFIED, THE CONTRACTOR SHALL SUPPLY APPROPRIATE TRANSITIONS.

WHEN GATING IMPACT ATTENUATORS ARE DESIRED, THE CONTRACTOR SHALL SUBMIT DOCUMENTATION TO THE ENGINEER FOR ACCEPTANCE.

THE COST FOR THE ADDITIONAL BARRIER REQUIRED FOR A GATING IMPACT ATTENUATOR SHALL BE INCLUDED IN THE COST OF THE GATING IMPACT ATTENUATOR.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT AND MAINTAIN A COMPLETE AND FUNCTIONAL IMPACT ATTENUATOR SYSTEM, INCLUDING ALL RELATED BACKUPS, TRANSITIONS, LEVELING PADS, HARDWARE AND GRADING, NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

DELINEATION OF TEMPORARY AND PERMANENT GUARDRAIL

BARRIER REFLECTORS SHALL BE INSTALLED ON ALL TEMPORARY GUARDRAIL USED FOR TRAFFIC CONTROL; AND, ON ALL PERMANENT GUARDRAIL LOCATED WITHIN 5 FEET OF THE EDGE OF THE ADJACENT TRAVEL LANE. BARRIER REFLECTORS SHALL CONFORM TO C&MS 626 AND THE SPACING SHALL BE AT APPROXIMATELY 25-FOOT INTERVALS.

[OBJECT MARKERS SHALL BE INSTALLED ON ALL TEMPORARY AND PERMANENT GUARDRAIL LOCATED WITHIN 5 FEET OF THE EDGE OF THE ADJACENT TRAVEL LANE. GUARDRAIL-MOUNTING OF OBJECT MARKERS SHALL BE MADE BY INSTALLING THE OBJECT MARKERS ON THE EXTENSION BLOCKS RATHER THAN DIRECTLY ONTO THE GUARDRAIL ITSELF. OBJECT MARKERS SHALL CONFORM TO C&MS 614.03 AND THE SPACING SHALL BE AT APPROXIMATELY 25-FOOT INTERVALS.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE PLANS AND CARRIED TO THE GENERAL SUMMARY:

ITEM 614, BARRIER REFLECTOR, TYPE 2 (ONE-WAY), 172 EACH

ITEM 614, OBJECT MARKER, ONE-WAY, 172 EACH

PAYMENT SHALL BE FULL COMPENSATION FOR ALL MATERIAL, LABOR, INCIDENTALS AND EQUIPMENT NECESSARY FOR FURNISHING, INSTALLING, MAINTAINING AND REMOVING THE ABOVE ITEM(S).

DELINEATION OF PORTABLE AND PERMANENT BARRIER

BARRIER REFLECTORS AND OBJECT MARKERS SHALL BE INSTALLED ON ALL PORTABLE BARRIER (PB) USED FOR TRAFFIC CONTROL; AND, ON PERMANENT CONCRETE BARRIER (INCLUDING BRIDGE PARAPETS) LOCATED WITHIN 5 FEET OF THE EDGE OF THE ADJACENT TRAVEL LANE.

BARRIER REFLECTORS SHALL CONFORM TO C&MS 626, EXCEPT THAT BARRIER REFLECTOR SPACING SHALL BE AT APPROXIMATELY 10-FOOT INTERVALS. OBJECT MARKERS AND THEIR INSTALLATION SHALL CONFORM TO C&MS 614.03 AND SCD MT-101.70 WITH THE MODIFICATION THAT OBJECT MARKER SPACING SHALL BE AT APPROXIMATELY 25-FOOT INTERVALS. WHEN THE PB OR PERMANENT BARRIER (INCLUDING BRIDGE PARAPETS) CONTAINS GLARE SCREEN, ONE SET OF THREE VERTICAL STRIPES OF SHEETING SHALL BE CONSIDERED EQUIVALENT TO AN OBJECT MARKER, ONE-WAY.

INCREASED BARRIER DELINEATION, AS SPECIFIED HEREIN, SHALL BE INSTALLED ON ALL PB AND PERMANENT CONCRETE BARRIER LOCATED WITHIN 5 FEET OF THE EDGE OF THE TRAVELED LANE UNDER EITHER OF THE FOLLOWING CONDITIONS: ALONG TAPERS AND TRANSITION AREAS; OR ALONG CURVES (OUTSIDE ONLY) WITH DEGREE OF CURVATURE GREATER THAN OR EQUAL TO 3 DEGREES.

THE INCREASED BARRIER DELINEATION SHALL CONSIST OF EITHER DELINEATION PANELS OR THE TRIPLE STACKING OF WORK ZONE BARRIER REFLECTORS.

DELINEATION PANELS SHALL CONSIST OF PANELS OF DELINEATION, APPROXIMATELY 34 INCHES LONG AND 6 INCHES WIDE AND SHALL BE "CRIMPED" PANELS SHALL BE INSTALLED AND SPACED PER TRAFFIC SCD MT-101.70.

TRIPLE-STACKED BARRIER REFLECTORS SHALL CONSIST OF ALIGNING THREE BARRIER REFLECTORS VERTICALLY, AT LOCATIONS WHERE A SINGLE BARRIER REFLECTOR WOULD BE OTHERWISE ATTACHED. THERE SHALL BE NO OPEN SPACE BETWEEN THE ADJACENT BARRIER REFLECTORS. THE TRIPLE-STACKED BARRIER REFLECTORS SHALL CONFORM TO C&MS 626, EXCEPT THAT THEY SHALL BE SPACED AT APPROXIMATELY 25-FOOT INTERVALS AND ALIGNED PER TRAFFIC SCD MT-101.70.

PAYMENT SHALL BE FULL COMPENSATION FOR ALL MATERIAL, LABOR, INCIDENTALS AND EQUIPMENT NECESSARY FOR FURNISHING, INSTALLING, MAINTAINING AND REMOVING EACH OF THE ABOVE ITEMS.

ALONG RUNS OF INCREASED BARRIER DELINEATION WHERE THIS ITEM IS PROVIDED, THE QUANTITY SHALL BE MEASURED AS THE ENTIRE LENGTH OF THE RUN OF INCREASED BARRIER DELINEATION, INCLUDING THE SPACES BETWEEN THE INDIVIDUAL DELINEATION PANELS OR STACKS OF BARRIER REFLECTORS.

APPROVED MAINTENANCE OF TRAFFIC FOR WORK AT STRUCTURES POR-76-11.266R, POR-76-11.267L, POR-76-13.060L & POR-76-13.076R

ALL WORK REQUIRED TO COMPLETE THE ASPHALT CONCRETE OVERLAY, EXPANSION JOINT REPAIRS, AND DECK PATCHING ON STRUCTURES POR-76-11.266R, POR-76-11.267L, POR-76-13.060L & POR-76-13.076R SHALL BE PERFORMED ONE LANE AT A TIME USING WEEKEND LANE CLOSURES BETWEEN 7 PM FRIDAY AND 6 AM MONDAY. FOUR WEEKEND CLOSURES ARE ANTICIPATED FOR THIS WORK (TWO WEEKENDS PER BOUND).

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE PER THE LANE VALUE CONTRACT (PN 127).

LANE VALUE CONTRACT			
DESCRIPTION OF CRITICAL LANE TO BE CLOSED	RESTRICTED TIME PERIOD	TIME UNIT	DISINCENTIVE \$ PER TIME UNIT
IR 76	SEE ABOVE NOTE	PER LANE/ PER MINUTE	\$50

added



STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWING(S):

- AS-1-15 REVISED 1/20/2023
- AS-2-15 REVISED 7/21/2023
- VPF-1-24 REVISED 1/17/2025
- BR-1-94 DATED 12/15/1994
- SICD-1-21 REVISED 1/19/2024

AND TO THE FOLLOWING SUPPLEMENTAL SPECIFICATION(S):

- 843 REVISED 1/19/2024
- 846 REVISED 4/17/2015
- 856 REVISED 7/21/2023

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 C&MS, 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 THAT HAVE BEEN VERIFIED IN THE FIELD.

PROPOSED WORK

POR-76-9.735 (SFN 6702376), OVER NEW MILFORD RD
-SEAL THE CONCRETE WEARING SURFACE WITH GRAVITY FED RESIN
-PATCH ALL UNSOUND AREAS OF THE CONCRETE RAILINGS WITH 519 PATCHING AND SEAL PATCHES WITH EPOXY-URETHANE SEALER (MATCH EXISTING COLOR)
-REMOVE THE APPROACH SLABS, EXPANSION JOINTS, PORTIONS OF THE BRIDGE DECK INCLUDING PARAPETS, AND ABUTMENTS
-INSTALL NEW APPROACH SLABS, EXPANSION JOINTS, AND ABUTMENT BACKWALLS
-CLEARING AND GRUBBING 15' AROUND STRUCTURE.

POR-76-9.895 (SFN 6702430), OVER NORFOLK SOUTHERN RR
-PATCH ALL UNSOUND AREAS OF THE CONCRETE WEARING SURFACE, INCLUDING THE APPROACH SLABS
-SEAL THE CONCRETE WEARING SURFACE AND APPROACH SLABS WITH GRAVITY FED RESIN
-RESET AND REFURBISH THE BEARINGS AT THE FORWARD AND REAR ABUTMENTS
-PATCH ALL UNSOUND AREAS OF THE CONCRETE RAILINGS WITH 519 PATCHING AND SEAL PATCHES WITH EPOXY-URETHANE SEALER (MATCH EXISTING COLOR)
-REMOVE AND REPLACE THE ELASTOMERIC STRIP SEALS
-CLEARING AND GRUBBING 15' AROUND STRUCTURE.

POR-76-10.072 (SFN 6702554), OVER HATTRICK RD
-PATCH ALL UNSOUND AREAS OF THE CONCRETE WEARING SURFACE
-SEAL THE CONCRETE WEARING SURFACE WITH GRAVITY FED RESIN
-REMOVE THE APPROACH SLABS, EXPANSION JOINTS, PORTIONS OF THE BRIDGE DECK INCLUDING PARAPETS, AND ABUTMENTS
-INSTALL NEW APPROACH SLABS, EXPANSION JOINTS, AND ABUTMENT BACKWALLS
-CLEARING AND GRUBBING 15' AROUND STRUCTURE.

POR-76-11.143 (SFN 6702589), INDUSTRY RD
-RESURFACE 50' OF APPROACH PAVEMENT AT FORWARD AND REAR APPROACHES TO SMOOTH OUT TRANSITION
-CLEARING AND GRUBBING 15' AROUND STRUCTURE.

PROPOSED WORK CONT...

POR-76-11.266R (SFN 6702627), OVER BARREL RUN
-ASPHALT CONCRETE OVERLAY, INCLUDING WATERPROOFING ASPHALT AS PER SUPPLEMENTAL SPEC 856
-PATCH ALL UNSOUND AREAS OF THE CONCRETE DECK AND APPROACH SLABS PRIOR TO REPLACING THE ASPHALT OVERLAY AND WATERPROOFING ASPHALT
-REMOVE AND REPLACE THE ELASTOMERIC STRIP SEALS
-SEAL EXPOSED CONCRETE ON THE PIER CAP OF PIER 2 WITH EPOXY-URETHANE SEALER (MATCH EXISTING COLOR)
-REMOVE AND RESEAL THE BACKWALLS AND BEAM SEATS WITH EPOXY-URETHANE SEALER (MATCH EXISTING COLOR)
-REPLACE THE FACIA BEAM BEARINGS AT THE FORWARD AND REAR ABUTMENTS
-SPALL REMOVAL WITH ZINC RICH PRIMER APPLIED
-CHANNEL CLEANOUT (REMOVAL OF ACCUMULATED WOODY DEBRIS)
-CLEARING AND GRUBBING 15' AROUND STRUCTURE.

POR-76-11.267L (SFN 6702619), OVER BARREL RUN
-ASPHALT CONCRETE OVERLAY, INCLUDING WATERPROOFING ASPHALT AS PER SUPPLEMENTAL SPEC 856
-PATCH ALL UNSOUND AREAS OF THE CONCRETE DECK AND APPROACH SLABS PRIOR TO REPLACING THE ASPHALT OVERLAY AND WATERPROOFING
-REMOVE AND REPLACE THE ELASTOMERIC STRIP SEALS
-REPLACE THE FACIA BEAM BEARINGS AT THE FORWARD AND REAR ABUTMENTS
-SPALL REMOVAL WITH ZINC RICH PRIMER APPLIED
-REPAIR THE REAR ABUTMENT SLOPE PROTECTION
-REMOVE AND RESEAL THE BACKWALLS AND BEAM SEATS WITH EPOXY-URETHANE SEALER (MATCH EXISTING COLOR)
-CLEARING AND GRUBBING 15' AROUND STRUCTURE.

POR-76-13.060L (SFN 6702643), OVER SR 14
-ASPHALT CONCRETE OVERLAY, INCLUDING WATERPROOFING ASPHALT AS PER SUPPLEMENTAL SPEC 856
-PATCH ALL UNSOUND AREAS OF THE CONCRETE DECK AND APPROACH SLABS PRIOR TO REPLACING THE ASPHALT OVERLAY AND WATERPROOFING
-INSTALL NEW POLYMER MODIFIED JOINT
-RESET AND REFURBISH THE BEARINGS AT THE FORWARD AND REAR ABUTMENTS
-REMOVE AND RESEAL THE BACKWALLS, BEAM SEATS AND ABUTMENTS WITH EPOXY-URETHANE SEALER (MATCH EXISTING COLOR)
-CLEARING AND GRUBBING 15' AROUND STRUCTURE.

POR-76-13.076R (SFN 6702708), OVER SR 14
-ASPHALT CONCRETE OVERLAY, INCLUDING WATERPROOFING ASPHALT AS PER SUPPLEMENTAL SPEC 856
-PATCH ALL UNSOUND AREAS OF THE CONCRETE DECK AND APPROACH SLABS PRIOR TO REPLACING THE ASPHALT OVERLAY AND WATERPROOFING
-INSTALL NEW POLYMER MODIFIED JOINT
-RESET AND REFURBISH THE BEARINGS AT THE FORWARD AND REAR ABUTMENTS
-REMOVE AND RESEAL THE BACKWALLS, BEAM SEATS AND ABUTMENTS WITH EPOXY-URETHANE SEALER (MATCH EXISTING COLOR)
-CLEARING AND GRUBBING 15' AROUND STRUCTURE.

POR-76-14.894 (SFN 6702767), PORTER RD
-RECONSTRUCT THE TOP PORTIONS OF THE CONCRETE PARAPET AND SEAL WITH EPOXY-URETHANE (MATCH EXISTING COLOR)
-REMOVE AND REPLACE THE VANDAL PROTECTION FENCE AS PER SCD VPF-1-24

POR-76-16.106 (SFN 6702864), ALLIANCE RD
-RECONSTRUCT THE TOP PORTIONS OF THE CONCRETE PARAPET AND SEAL WITH EPOXY-URETHANE (MATCH EXISTING COLOR)
-REMOVE AND REPLACE THE VANDAL PROTECTION FENCE AS PER SCD VPF-1-24

ITEM 201 - CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS

ALTHOUGH NO TREES OR STUMPS ARE SPECIFICALLY MARKED FOR REMOVAL WITHIN THE PLANS, A LUMP SUM QUANTITY IS INCLUDED IN THE STRUCTURE GENERAL SUMMARY FOR ITEM 201 – CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS. SCALPING IS NOT REQUIRED FOR THIS ITEM OF WORK. ALL VEGETATION SHALL BE REMOVED WITHIN 15 FEET (OR TO THE R/W LIMITS, WHICHEVER IS CLOSER) OF THE HEADWALLS, ABUTMENTS AND/OR PIERS.

ALL OTHER PROVISIONS AS SET FORTH IN THE CMS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 201 – CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS.

ITEM 202 - REMOVAL MISC.: CHANNEL CLEANOUT

THIS WORK WILL CONSIST OF REMOVING ANY WOODY DEBRIS THAT IMPEDES ORDINARY WATER FLOW WITHIN STATE RIGHT-OF-WAY LIMITS AS SPECIFIED IN THE PLANS FOR STRUCTURES POR-76-11.266R. ANY TREES LOCATED WITHIN CHANNEL OR BANK LIMITS WILL BE INCLUDED UNDER ITEM 201, CLEARING AND GRUBBING. ALL MATERIALS REMOVED SHALL BE DISPOSED OF IN ACCORDANCE WITH 105.16 AND 105.17 OF THE CMS WITH THE APPROVAL OF THE ENGINEER. NO AREAS OF EXISTING CHANNEL PROTECTION SHALL BE REMOVED IN ORDER TO RESTORE THE ORIGINAL CHANNEL PROFILE. AFFECTED CHANNEL AREAS SHALL BE CLEANED OUT TO THE SATISFACTION OF THE ENGINEER.

CHANNEL CLEANOUT WILL BE PAID FOR AT THE UNIT PRICE BID FOR ITEM 202 REMOVAL MISC.: CHANNEL CLEANOUT. THIS PRICE WILL INCLUDE THE COST FOR LABOR, EQUIPMENT, AND ALL INCIDENTALS REQUIRED TO COMPLETE THE CHANNEL CLEANOUT.

DEBRIS REMOVAL OPERATIONS - POR-76-11.266R (OVER BARREL RUN)

UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PLACE PERMANENT OR TEMPORARY FILLS AND/OR STAGE CONSTRUCTION EQUIPMENT OR MATERIALS BELOW THE ORDINARY HIGH WATER MARK OF BARRELL RUN AT THE POR-76-11.266R BRIDGE LOCATION.

CHANNEL CLEANOUT IS LIMITED TO REMOVAL OF ACCUMULATED LODGED TREES, ROOT WADS AND OTHER WOODY DEBRIS THAT IMPEDES ORDINARY WATER FLOW. THE DEBRIS REMOVAL DOES NOT INCLUDE REMOVAL OF SANDBARS, SEIMENTATION OR ACCUMULATIONS OF STONE OR GRAVEL. THE REMOVAL OF WOODY DEBRIS SHALL BE PERFORMED BY HAND OR BY UTILIZING EQUIPMENT STAGED ALONG THE RIVER BANK ABOVE NORMAL WATER ELEVATION AND/OR BY UTILIZING EQUIPMENT STAGED ON THE BRIDGE DECK. USE OF HEAVY EQUIPMENT STAGED BELOW THE NORMAL WATER MARK OF THE BARRELL IS PROHIBITED.

IF EQUIPMENT WILL BE OPERATED IN PROXIMITY OF THE STREAM CHANNEL, THE CONTRACTOR SHALL INSTALL PERIMETER FILTER FABRIC FENCE PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES WITHIN THE LIMITS AND ADJACENT AREA, INCLUDING ANY NECESSARY CLEARING AND GRUBBING ACTIVITIES. THE PERIMETER FILTER FABRIC FENCE SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT PROJECT CONSTRUCTION AND SHALL BE REMOVED BY THE CONTRACTOR UPON PROJECT COMPLETION.

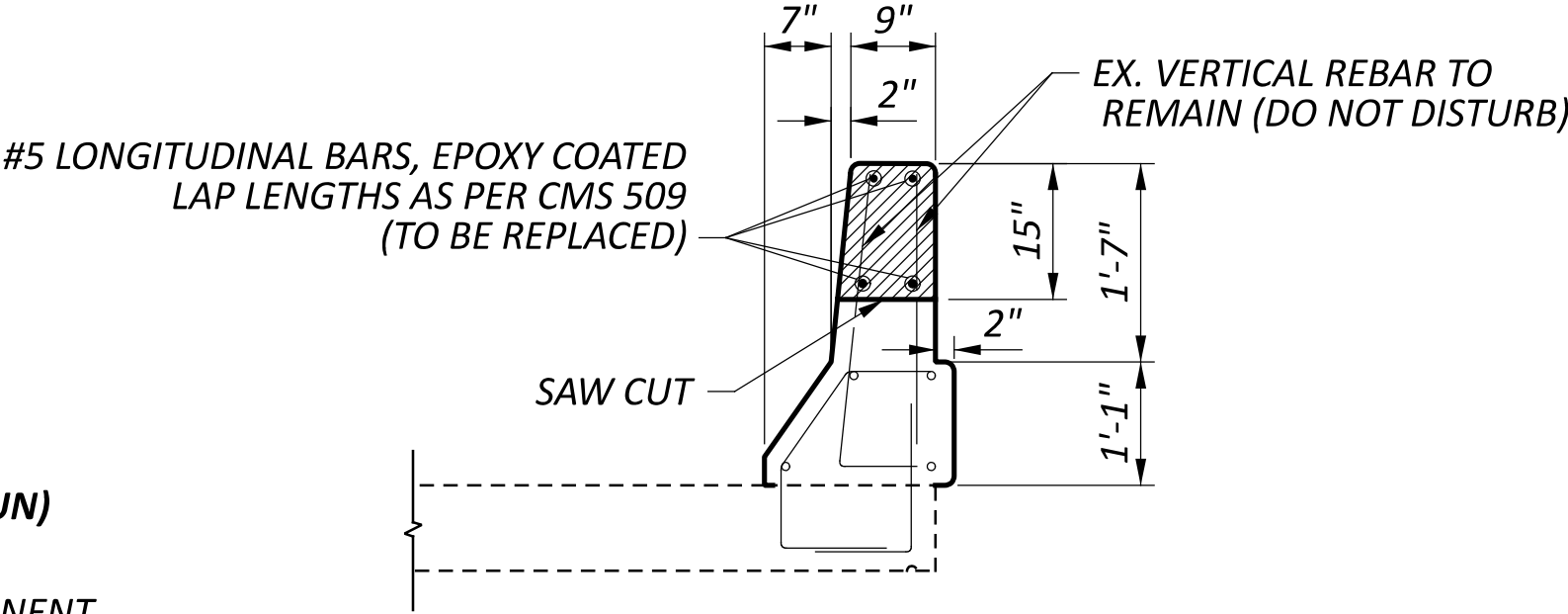
ITEM 509 - REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN

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 511 - CONCRETE MISC.: PARAPET REPAIR

THIS ITEM WILL BE USED TO REPAIR DAMAGED AREAS OF THE PARAPETS AS SHOWN BELOW FOR THE ENTIRE LENGTH OF THE PARAPETS ON STRUCTURES POR-76-14.894 AND POR-76-16.106.

SAWCUT AND REMOVE DAMAGED/SPALLED AREAS OF THE EXISTING PARAPETS AS SHOWN BELOW. CARE SHALL BE TAKEN WHEN REMOVING SPALLED CONCRETE TO SALVAGE EXISTING REBAR AS SHOWN BELOW. ANY EXISTING EMBEDDED ANCHORING HARDWARE MAY BE CUT FLUSH WITH THE PROPOSED SAW CUT LINE. CLASS QC2 CONCRETE (COMPRESSIVE STRENGTH 4.5 KSI) WILL BE USED TO REPAIR THE DAMAGED PARAPETS. THE REMOVAL OF CONCRETE, PREPARATION OF THE SURFACES, FORMS, CLASS QC2 CONCRETE AND REINFORCING STEEL WILL BE INCIDENTAL TO THIS ITEM. PAYMENT WILL BE MADE AT THE CONTRACT PRICE PER CUBIC YARD FOR ITEM 511, CONCRETE MISC.: PARAPET REPAIR.



DETAIL A

A QUANTITY OF ITEM 843, PATCHING CONCRETE STRUCTURES WITH TROWELABLE MORTAR HAS BEEN PROVIDED TO BE USED AS DIRECTED BY THE ENGINEER TO PATCH AREAS BELOW THE 15" REPAIR AREA.

SEALING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (POR-76-9.735 & POR-76-10.072)

SEALING THE CONCRETE DECKS AND APPROACH SLABS OF STRUCTURES POR-76-9.735 AND POR-76-10.072 CANNOT BEGIN UNTIL AFTER ALL THE ABUTMENT AND APPROACH SLAB WORK IS COMPLETED.

ITEM 846 - POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM , AS PER PLAN

THIS WORK CONSISTS OF INSTALLING FILLER PLATES AT THE FORWARD AND REAR EXPANSION JOINTS OF STRUCTURES POR-76-13.060L & POR-76-13.076R. THE CONTRACTOR SHALL WELD ONE SIDE OF THE PLATE FOR THE ENTIRE WIDTH OF THE BRIDGE PRIOR TO PLACING THE POLYMER MODIFIED ASPHALT. THE FILLER PLATES SHALL BE LEVEL UF AND FOLLOW ALL SPECIFICATIONS OF CMS 513. ALL OTHER REQUIREMENTS AND SPECIFICATIONS OF SUPPLEMENTAL SPEC 846 SHALL APPLY FOR THIS WORK.

STRUCTURE NOTES

POR-76-9.735, POR-76-9.895, POR-76-10.072, POR-76-11.143, POR-76-11.266R
POR-76-11.267L, POR-76-13.060L, POR-76-13.076R, POR-76-14.894, POR-76-16.106

SFN	
VARIOUS	
DESIGN AGENCY	
DESIGNER	CHECKER
JF	MJA
REVIEWER	
TJP 04-04-25	
PROJECT ID	
112778	
SUBSET	TOTAL
1	26
SHEET	TOTAL
P.23	48

ITEM 516 - REFURBISHING BEARING DEVICES, AS PER PLAN

THIS ITEM SHALL INCLUDE ALL WORK NECESSARY TO PROPERLY ALIGN BRIDGE ABUTMENT BEARINGS, AS WELL AS THEIR CLEANING AND PAINTING. INCLUDED SHALL BE THE DIS-ASSEMBLY OF THE BEARINGS, HAND TOOL CLEANING (GRINDING IF NECESSARY), PAINTING ACCORDING TO ITEM 514, REPLACEMENT OF ANY DAMAGED SHEET LEAD WITH PREFORMED BEARING PADS (C&MS 711.21), IN-STALLATION OF ANY NECESSARY STEEL SHIMS OF THE SAME SIZE AS THE BEARINGS TO PROVIDE A SNUG FIT, REALIGNMENT OF THE UPPER BEARING PLATE BY REMOVING EXISTING WELDS AND REWELDING SO THAT THE BEARINGS ARE VERTICALLY ALIGNED AT 60 DEGREES FARENHEIT, LUBRICATING SLIDING SURFACES, AND REASSEMBLY OF THE BEARINGS. ASSURE ALL BEARINGS ARE SHIMMED ADEQUATELY AND THAT NO BEAMS AND/OR BEARING DEVICES ARE "FLOATING". AT NO ADDITIONAL COST TO THE STATE, THE CONTRACTOR MAY INSTALL NEW BEARINGS OF THE SAME TYPE AS THE EXISTING IN PLACE OF REFURBISHING THE BEARINGS. ALL WORK SHALL BE TO THE SATISFACTION OF THE ENGINEER. PAYMENT FOR ALL OF THE ABOVE DESCRIBED LABOR AND MATERIALS WILL BE MADE AT THE CONTRACT PRICE BID FOR ITEM 516 - REFURBISH BEARING DEVICES, AS PER PLAN.

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

THIS WORK CONSISTS OF RAISING OR RE-POSITIONING EXISTING STRUCTURES TO THE DIMENSIONS AND REQUIREMENTS DEFINED IN THE PROJECT PLANS. SUBMIT CONSTRUCTION PLANS IN ACCORDANCE WITH C&MS 501.05. IF, DURING THE JACKING OPERATIONS, CRACKING OF THE CONCRETE SUPERSTRUCTURE, SEPARATION OF THE CONCRETE DECK FROM THE STEEL STRINGERS, OR OTHER DAMAGE TO THE STRUCTURE IS VISUALLY OBSERVED, IMMEDIATELY CEASE THE JACKING OPERATION AND INSTALL SUPPORTS TO THE SATISFACTION OF THE ENGINEER. ANALYZE THE DAMAGE AND SUBMIT A METHOD OF CORRECTION TO THE ENGINEER FOR APPROVAL. EPOXY INJECT ALL BEAMS THAT SEPARATE FROM THE DECK FOR A DISTANCE OF THE SEPARATION IN ACCORDANCE WITH C&MS 512.07. THE DEPARTMENT WILL NOT PAY FOR THE COST OF THIS EPOXY INJECTION OR OTHER REQUIRED REPAIRS. THE BRIDGE BEARINGS SHALL BE FULLY SEATED ALL CONTACT AREAS. IF FULL SEATING IS NOT ATTAINED, SUBMIT A REPAIR PLAN TO THE ENGINEER. THE DEPARTMENT WILL NOT PAY FOR THE REPAIR COSTS TO ENSURE FULL SEATING ON BEARINGS. THE DEPARTMENT WILL MEASURE THIS WORK ON A LUMP SUM BASIS. THE DEPARTMENT WILL PAY FOR THE ACCEPTED QUANTITIES AT THE CONTRACT PRICE FOR ITEM 516, JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN.

ITEM 519 - PATCHING CONCRETE STRUCTURES, AS PER PLAN

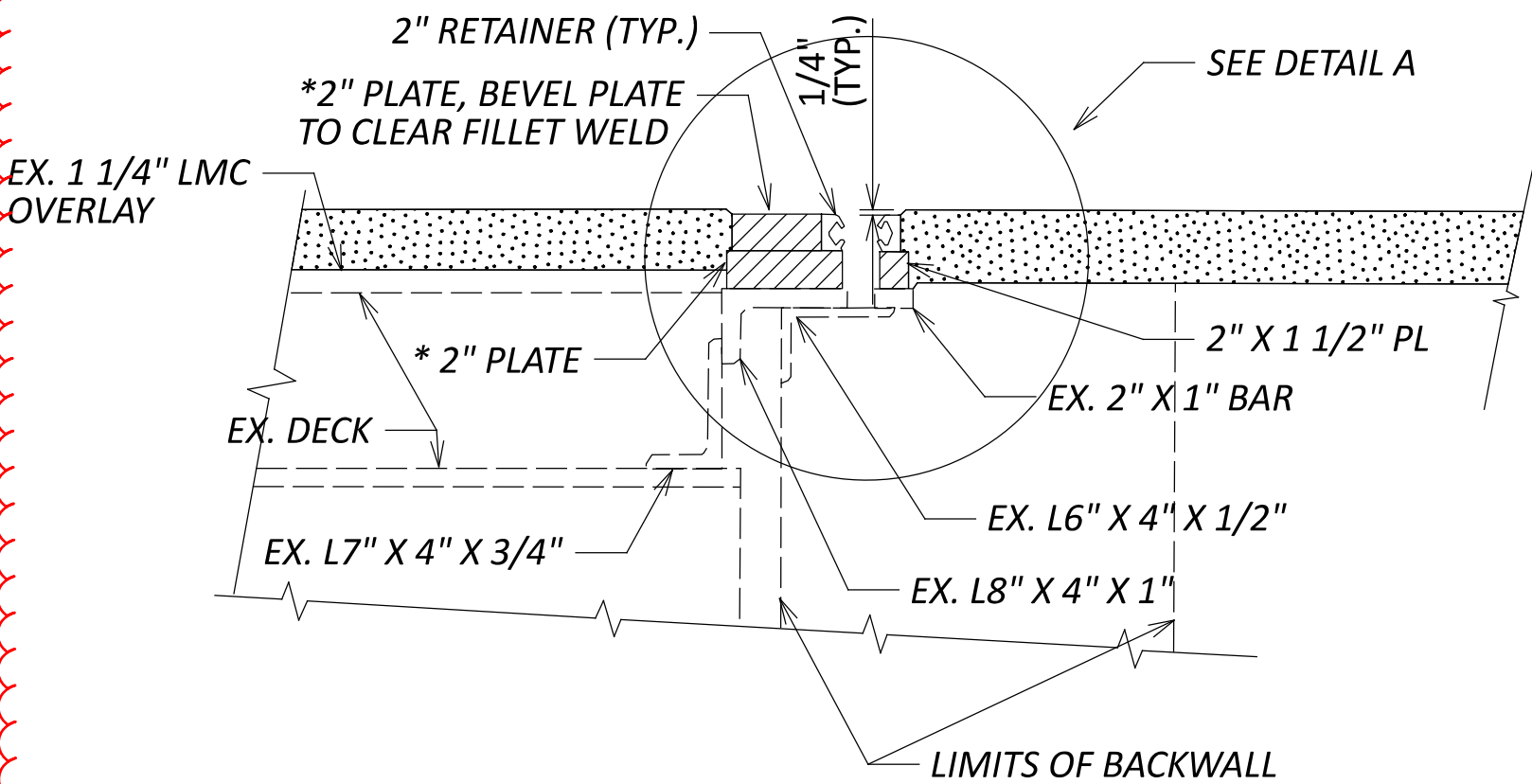
PRIOR TO THE SURFACE CLEANING SPECIFIED IN C&MS 519.04 AND WITHIN 24 HOURS OF PLACING PATCHING MATERIAL, BLAST CLEAN ALL SURFACES TO BE PATCHED INCLUDING THE EXPOSED REINFORCING STEEL. ACCEPTABLE METHODS INCLUDE: HIGH-PRESSURE WATER BLASTING WITH, OR WITHOUT, ABRASIVES IN THE WATER, ABRASIVE BLASTING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

POR-76-9.735 (CONCRETE RAILINGS)
ITEM 519 - PATCHING CONCRETE STRUCTURES, AS PER PLAN, 80 SF

POR-76-9.895 (CONCRETE RAILINGS)
ITEM 519 - PATCHING CONCRETE STRUCTURES, AS PER PLAN, 25 SF

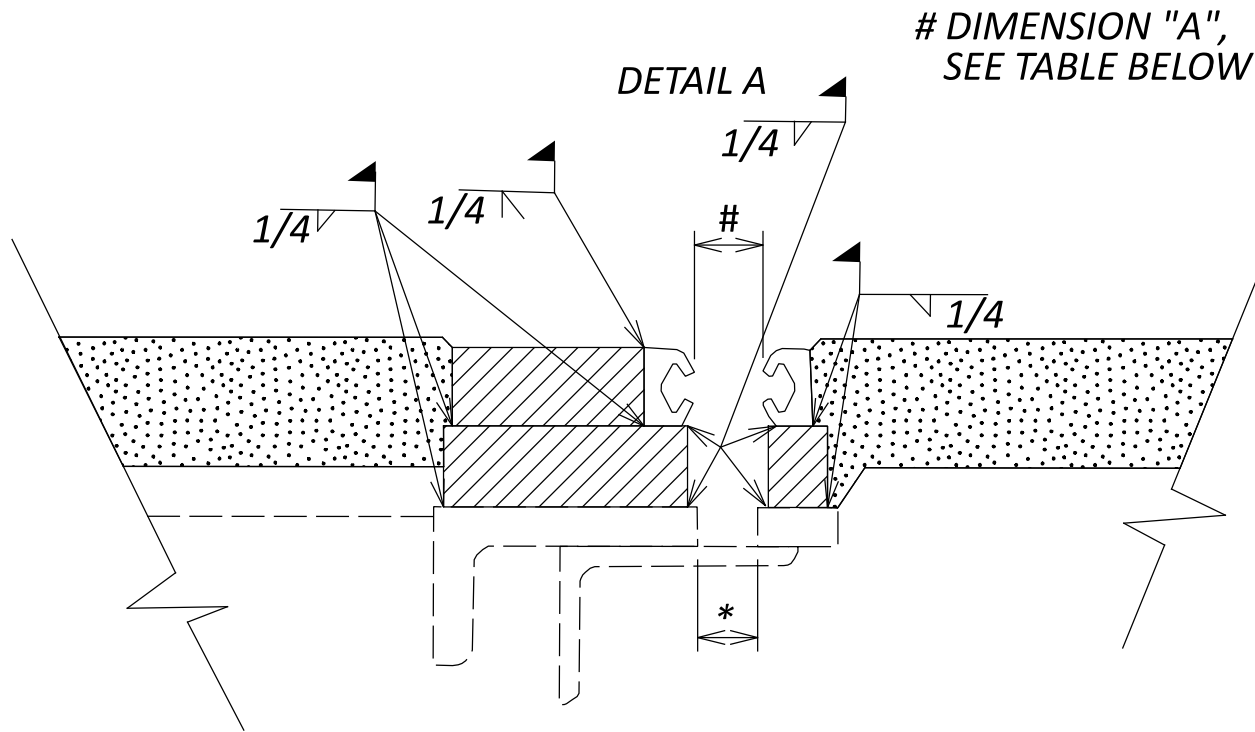
ITEM 516 - STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN

THIS ITEM OF WORK CONSISTS OF REMOVING AND INSTALLING NEW ELASTOMERIC STRIP SEALS, RETAINERS, PLATES, AND ALL OTHER COMPONENTS FOR STRUCTURES POR-76-11.266R AND POR-76-11.267L AS DETAILED BELOW. ALL WORK, LABOR, MATERIALS, AND EQUIPMENT NEEDED TO PERFORM THIS WORK SHALL BE PAID FOR UNDER THE UNIT BID PRICE FOR ITEM 516 - STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN.



[Hatched pattern] = STEEL TO BE REPLACED
[Dotted pattern] = EXISTING AND PROPOSED ASPHALT OVERLAY (SEE PG. 18/26)

* CONTRACTOR TO DETERMINE EXACT WIDTH IN THE FIELD AND GET APPROVAL FROM THE PROJECT ENGINEER PRIOR TO INSTALLATION



TEMPERATURE (F)	DIMENSION "A"
30	1.90"
40	1.83"
50	1.76"
60	1.68
70	1.60"
80	1.52"
90	1.44"

added note, moved other notes around

SPECIAL - STRUCTURES: CONCRETE SPALL REMOVAL WITH ZINC RICH PRIMER APPLIED

THIS WORK WILL CONSIST OF REMOVING ALL VISIBLY SPALLED AREAS OF THE UNDERSIDE OF THE DECK WITHOUT SOUNDING.

AFTER SPALLED CONCRETE IS REMOVED THE EXISTING EXPOSED REINFORCING STEEL SHALL BE BLAST CLEANED. ACCEPTABLE METHODS INCLUDE HIGH PRESSURE WATER BLASTING WITH OR WITHOUT ABRASIVES IN THE WATER, ABRASIVES WITH CONTAINMENT, OR VACUUM BLASTING. APPLY A ZINC RICH PRIMER, PER CMS 708.02.B, OVER ALL EXPOSED STEEL SURFACES. THE APPLICATION OF THE PRIMER SHALL FOLLOW CMS 514 AND ALL MANUFACTURER REQUIREMENTS.

THE DEPARTMENT WILL MEASURE THIS WORK AS THE ACTUAL AREA IN SQUARE YARDS OF CONCRETE SPALLS REMOVED.

CONCRETE SPALL REMOVAL WILL BE PAID AT THE UNIT BID PRICE FOR SPECIAL STRUCTURE MISC.: CONCRETE SPALL REMOVAL WITH ZINC RICH PRIMER APPLIED. THIS PRICE WILL INCLUDE THE COST OF LABOR, EQUIPMENT, AND ALL INCIDENTALS REQUIRED TO COMPLETE THIS WORK.

SPALL REMOVAL ON STRUCTURES POR-76-11.266R AND POR-76-11.267L NOT OVER TRAVEL LANES AND PAVED SHOULDERS

THE FOLLOWING WORK AND QUANTITIES SHALL BE USED ON THIS STRUCTURE TO REPAIR THE CONCRETE SPALLS OVER TRAVEL LANES AND PAVED SHOULDERS:

POR-76-11.266R
ITEM SPECIAL - STRUCTURES: CONCRETE SPALL REMOVAL WITH ZINC RICH PRIMER APPLIED, 5 SY

POR-76-11.267L
ITEM SPECIAL - STRUCTURES: CONCRETE SPALL REMOVAL WITH ZINC RICH PRIMER APPLIED, 5 SY

ITEM 516 - BEARING DEVICE, MISC.: SLIDING BEARING REPLACEMENT

THIS ITEM SHALL INCLUDE THE REPLACEMENT OF ALL FASCIA ABUTMENT BEARINGS. THE NEW BEARINGS SHALL BE REPLACED AS PER SCD CSB-2-56 AND THE EXISTING PLANS, WHICH ARE BOTH LOCATED IN THE PROJECT REFERENCE FILES, TO THE SATISFACTION OF THE PROJECT ENGINEER. THIS WORK SHALL ALSO INCLUDE THE REPLACEMENT OF ANY DAMAGED SHEET LEAD WITH PREFORMED BEARING PADS (C&MS 711.21), INSTALLATION OF ANY NECESSARY STEEL SHIMS OF THE SAME SIZE AS THE BEARINGS TO PROVIDE A SNUG FIT, REALIGNMENT OF THE UPPER BEARING PLATE BY REMOVING EXISTING WELDS AND REWELDING SO THAT THE BEARINGS ARE VERTICALLY ALIGNED AT 60 DEGREES FARENHEIT, LUBRICATING SLIDING SURFACES, AND REASSEMBLY OF THE BEARINGS. ASSURE ALL BEARINGS ARE SHIMMED ADEQUATELY AND THAT NO BEAMS AND/OR BEARING DEVICES ARE "FLOATING".

PAYMENT FOR ALL OF THE ABOVE DESCRIBED LABOR AND MATERIALS WILL BE MADE AT THE CONTRACT PRICE BID FOR ITEM 516 - BEARING DEVICE, MISC.: SLIDING BEARING REPLACEMENT.

ITEM 516 - ARMORLESS PREFORMED JOINT SEAL (POR-76-9.895)

THIS ITEM OF WORK CONSISTS OF CLEANING, INSPECTING, AND INSTALLING NEW ARMORLESS PREFORMED JOINT SEALS. PRIOR TO REMOVING THE EXISTING SEAL THE CONTRACTOR SHALL CLEANOUT AND INSPECT EACH JOINT. ALL DAMAGED OR TORN JOINT SEALS SHALL BE REPLACED UPON THE DIRECTION OF THE ENGINEER. FOR ADDITIONAL NOTES AND DETAILS, SEE SCD AS-2-15.

added note and pay item

ASBESTOS NOTIFICATION

A CERTIFIED ASBESTOS HAZARD EVALUATION SPECIALIST INSPECTED THE BRIDGE STRUCTURE SCHEDULED FOR DEMOLITION AND/OR REHABILITATION;

THE SURVEY DETERMINED THAT NO ASBESTOS IS PRESENT ON THE STRUCTURES:

POR-76-9.895
POR-76-11.266R
POR-76-11.267L
POR-76-14.894
POR-76-16.106

THE DEPARTMENT HAS PROVIDED A COPY OF THE OHIO ENVIRONMENTAL PROTECTION AGENCY (OEPA) NOTIFICATION OF DEMOLITION AND RENOVATION FORM (PARTIALLY COMPLETED) AND THE ASBESTOS I INSPECTION REPORT IN THE REFERENCE FILES FOR THIS PROJECT. THE CONTRACTOR SHALL COMPLETE THE FORM AND SUBMIT IT TO THE OEPA AT LEAST TEN (10) WORKING DAYS PRIOR TO THE START OF ANY DEMOLITION AND/OR RENOVATION. ONLINE SUBMISSION IS AVAILABLE AT <http://www.epa.ohio.gov/asbestos> AND IS ENCOURAGED, OR THE CONTRACTOR SHALL SUBMIT IT TO ONE OF THE ADDRESSES BELOW:

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 FORM SHALL INCLUDE:
1. THE CONTRACTOR'S NAME AND ADDRESS
2. THE SCHEDULED DATES FOR THE START AND COMPLETION OF THE STRUCTURE DEMOLITION AND/OR RENOVATION
3. DESCRIPTION OF THE PLANNED DEMOLITION WORK AND METHODS BE USED
4. ALL NECESSARY FEES

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

THE CONTRACTOR SHALL FURNISH ALL FEES, LABOR, AND MATERIALS 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.

VANDAL PROTECTION FENCE (POR-76-14.894 & POR-76-16.106)

THIS WORK SHALL CONSIST OF REMOVING THE EXISTING FENCE AND INSTALLING A NEW VANDAL PROTECTION FENCE. THE NEW FENCE POSTS SHALL BE OFFSET A MINIMUM OF 12 INCHES FROM ANY PREVIOUS ATTACHMENT LOCATIONS TO THE PARAPET. THE CONTRACTOR SHALL LAYOUT FENCE POSTS AS PER STANDARD DRAWING VPF-1-24. THE PROPOSED FENCE SHALL BE POST SECTION PS-2 AND BASE PLATES BP-2. THE FOLLOWING ITEMS AND QUANTITIES ARE TO BE USED FOR THE REPLACEMENT OF THE VANDAL PROTECTION FENCE ON THESE STRUCTURES. ALL WORK MUST BE COMPLETED WITHIN 14 DAYS AS PER THE NOTES ON SHEET 8.

POR-76-14.894:
202, FENCE REMOVED, 416 FEET
607, VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC, 416 FEET

POR-76-16.106:
607, VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC, 416 FEET

STRUCTURE NOTES

POR-76-9.735, POR-76-9.895, POR-76-10.072, POR-76-11.143, POR-76-11.266R
POR-76-11.267L, POR-76-13.060L, POR-76-13.076R, POR-76-14.894, POR-76-16.106

SFN
VARIOUS
DESIGN AGENCY



DESIGNER
JF
CHECKER
MJA

REVIEWER
TJP
04-04-25

PROJECT ID
112778

SUBSET
2
TOTAL
26

SHEET
P.24
TOTAL
48

CALC:	JF	DATE:	3/4/2025
CHECKED:	MJA	DATE:	3/6/2025

ESTIMATED QUANTITIES														
BRIDGE NO. / STRUCTURE FILE NO.										ITEM	EXTENSION	UNIT	DESCRIPTION	SEE SHEET
POR-76-9.735 6702376 02/IMS	POR-76-9.895 6702430 02/IMS	POR-76-10.072 6702554 02/IMS	POR-76-11.143 6702589 02/IMS	POR-76-11.266R 6702627 02/IMS	POR-76-11.267L 6702619 02/IMS	POR-76-13.060L 6702643 02/IMS	POR-76-13.076R 6702708 02/IMS	POR-76-14.894 6702767 02/IMS	POR-76-16.106 6702864 02/IMS					
LS	LS	LS	LS	LS	LS	LS	LS			201	11001		CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS	1 / 26
LS		LS								202	11201		PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (SUPERSTRUCTURE)	3 / 26
LS		LS								202	11201		PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (SUBSTRUCTURE)	3 / 26
				587	587	234	234			202	23500	SY	WEARING COURSE REMOVED (T = 3.25")	
				228	228					202	23500	SY	WEARING COURSE REMOVED (T = 4")	
								416		202	75260	FT	VANDAL PROTECTION FENCE REMOVED	
				LS						202	98000		REMOVAL MISC.: CHANNEL CLEANOUT	1 / 26
29148		30026						1836	1840	509	26000	LB	GALVANIZED STEEL REINFORCEMENT	
								100	100	509	10001	LB	EPOXY COATED REINFORCING STEEL, AS PER PLAN	1 / 26
								15	15	511	53012	CY	CLASS QC2 CONCRETE, MISC.: PARAPET REPAIR	
245	3	233		144	128			155	155	512	10100	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
2254	4409	1396								512	73500	SY	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN	
				127	128			155	155	512	74000	SY	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES	
512	1001	317								512	74500	FT	REMOVAL OF EXISTING PAVEMENT MARKING	
	492									516	10010	FT	ARMORLESS, PREFORMED JOINT SEAL	
				88	88					516	11211	FT	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN	2 / 26
	32					12	12			516	45305	EACH	REFURBISH BEARING DEVICE, AS PER PLAN	2 / 26
	LS			LS		LS	LS			516	47001		JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN	2 / 26
LS		LS								516	47001		JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN, ABUTMENT REPLACEMENT	3 / 26
				4	4					516	46900	EACH	BEARING DEVICE, MISC.: SLIDING BEARING REPLACEMENT	2 / 26
80	25									519	11101	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN	2 / 26
	23		7	5	5	9	9			519	12304	SY	PATCHING CONCRETE BRIDGE DECK - TYPE C	
				5	5					SPECIAL	53000800	SY	STRUCTURES: CONCRETE SPALL REMOVAL WITH ZINC RICH PRIMER APPLIED	2 / 26
								416	416	607	39900	FT	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC	
								28	28	843	50000	SF	PATCHING CONCRETE STRUCTURES WITH TROWELABLE MORTAR	
			245							254	01000	SY	PAVEMENT PLANING, ASPHALT CONCRETE (T=1.5")	
						845	845			254	01000	SY	PAVEMENT PLANING, ASPHALT CONCRETE (T=VARIES 0"-3")	
				66	66	120	120			407	10000	GAL	TACK COAT, 702.13	
			22	49	49	244	244			407	20000	GAL	NON-TRACKING TACK COAT	
			11	34	34	82	82			441	70100	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG70-22M	
				45	45	94	94			856	10000	CY	BRIDGE DECK WATERPROOFING ASPHALT CONCRETE	
						51	51			846	00111	CF	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM, AS PER PLAN	2 / 26
LS		LS								503	11100		COFFERDAMS AND EXCAVATION BRACING	
376		376								510	10000	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	
91		80								511	31612	CY	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE	
147		95								511	43512	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING	
4		4								516	42000	EACH	ELASTOMERIC BEARING PAD, MISC.: (63'-0" X 8" X 1 1/2")	
186		185								517	74500	FT	RAILING, CONCRETE	
103		103								518	21200	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	
280		280								518	40000	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	
55		55								518	40010	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	
250		250								526	25011	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15"), AS PER PLAN	3 / 26
248		248								526	90031	FT	TYPE C INSTALLATION, AS PER PLAN	3 / 26
145		170								601	20010	CY	CRUSHED AGGREGATE SLOPE PROTECTION	
LS		LS								503	21300		UNCLASSIFIED EXCAVATION	
100		100								202	38000	FT	GUARDRAIL REMOVED	
4		4								202	47000	EACH	BRIDGE TERMINAL ASSEMBLY REMOVED	
100		100								606	15050	FT	GUARDRAIL, TYPE MGS	
2		2								606	35002	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	
2		2								606	35102	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2	
250		250								202	22900	SY	APPROACH SLAB REMOVED	

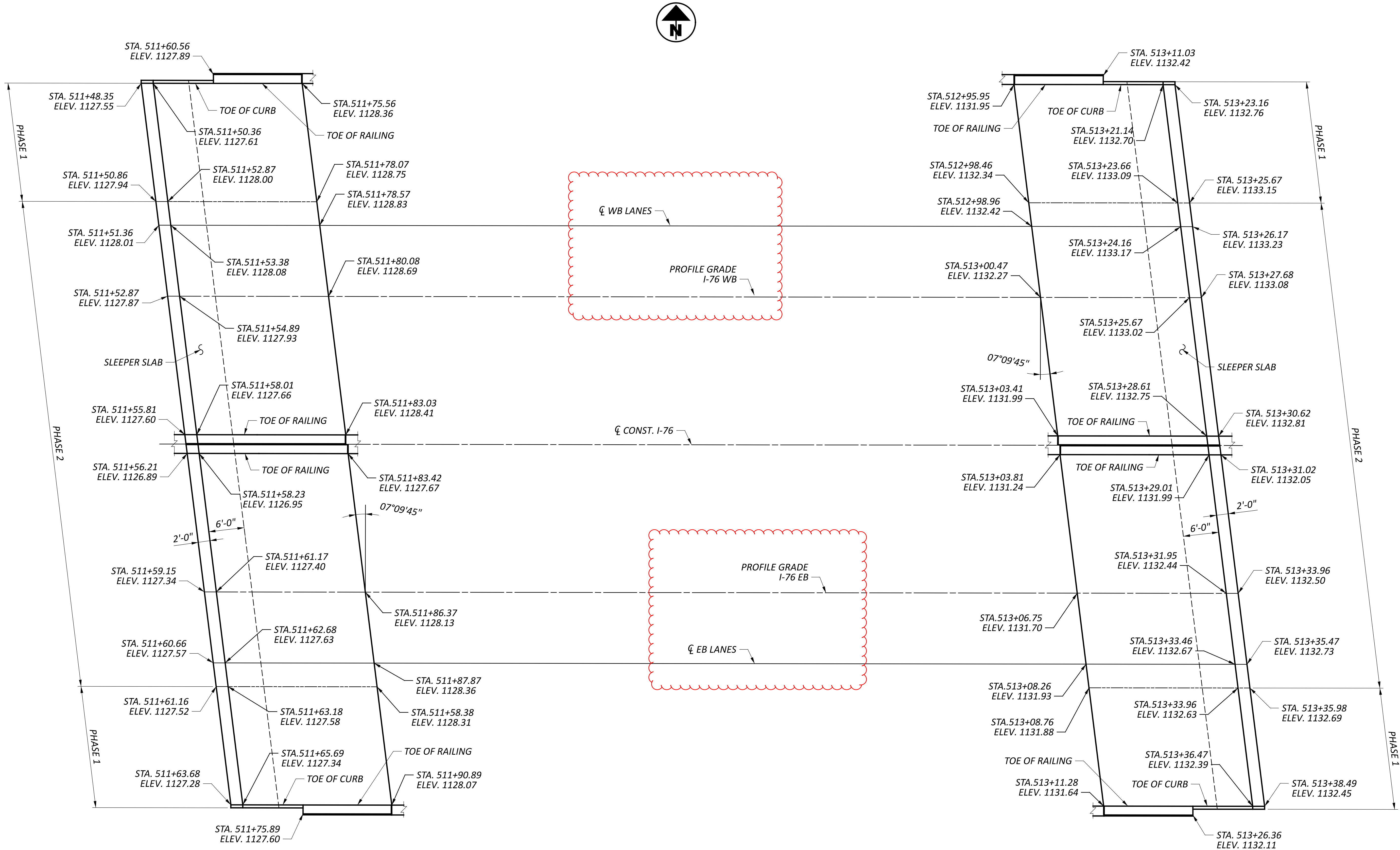
changed
item,
added
quantity

added item

ESTIMATED QUANTITIES

POR-76-9.735, POR-76-9.895, POR-76-10.072, POR-76-11.143, POR-76-11.266R
POR-76-11.267L, POR-76-13.060L, POR-76-13.076R, POR-76-14.894, POR-76-16.106

SFN	
VARIOUS	
DESIGN AGENCY	
	
DESIGNER	CHECKER
JF	MJA
REVIEWER	
TJP 04-04-25	
PROJECT ID	
112778	
SUBSET	TOTAL
4	26
SHEET	TOTAL
P.26	48



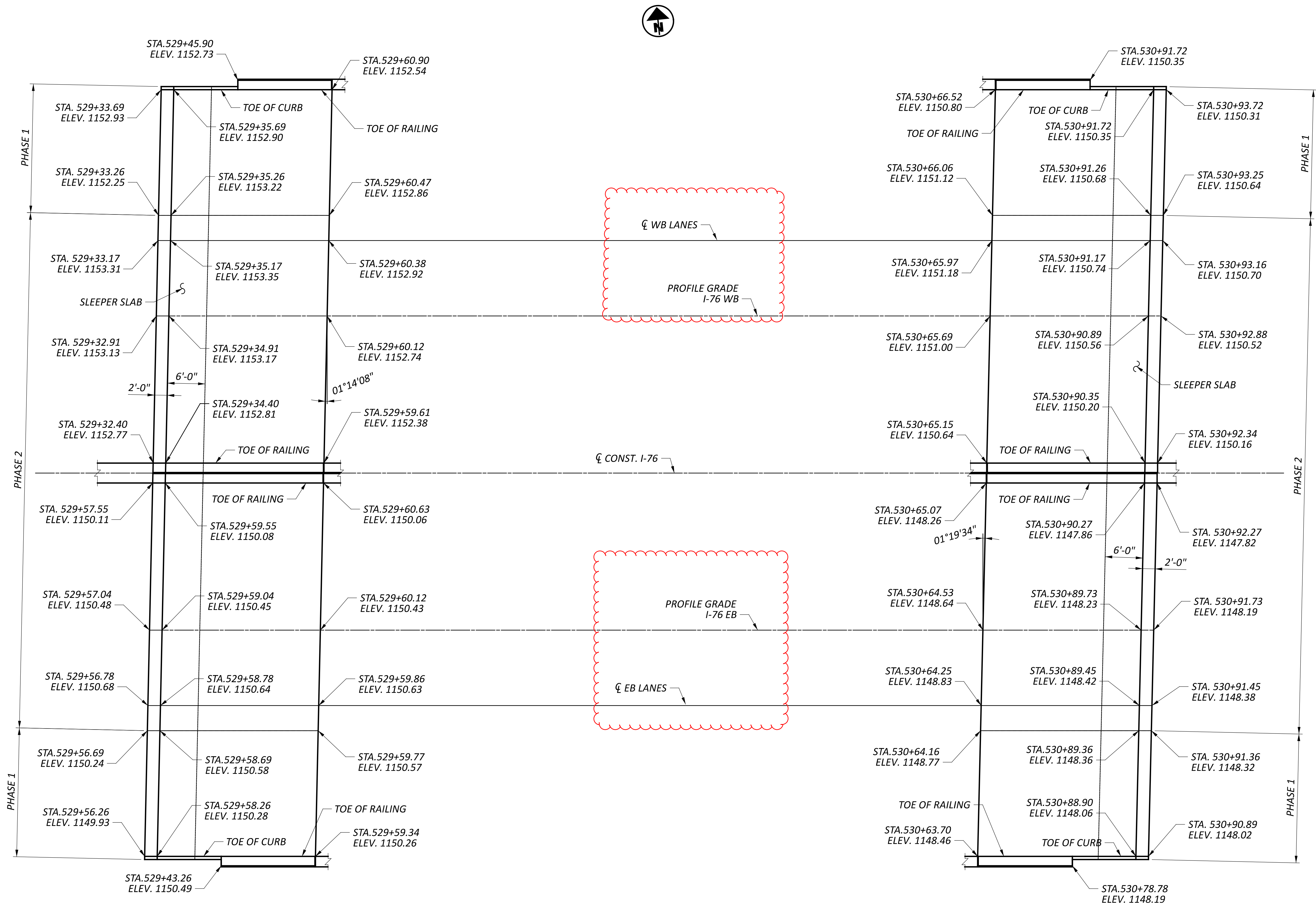
APPROACH SLAB PLAN

NOTES:

1. FOR ADDITIONAL DETAILS SEE SCD AS-1-15 AND AS-2-15

APPROACH SLAB DETAILS
POR-76-9.735
OVER NEW MILFORD ROAD

SFN 6702376	
DESIGN AGENCY	
DESIGNER JH	CHECKER MJA
REVIEWER TJP 04-28-25	
PROJECT ID 112778	
SUBSET 16	TOTAL 26
SHEET P.38	TOTAL 48



APPROACH SLAB PLAN

NOTES:

1. FOR ADDITIONAL DETAILS SEE SCD AS-1-15 AND AS-2-15

APPROACH SLAB DETAILS
POR-76-10.072
OVER HATTRICK ROAD

SFN 6702554	
DESIGN AGENCY	
DESIGNER JH	CHECKER MJA
REVIEWER TJP 04-28-25	
PROJECT ID 112778	
SUBSET 16A	TOTAL 26
SHEET P.38A	TOTAL 48