



Wisconsin Department of Transportation

Division of Transportation Systems Development

Bureau of Project Development
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January 4, 2021

NOTICE TO ALL CONTRACTORS:

Proposal #18: 1100-01-77, WISC 2021 084
Zoo Freeway
Burleigh St to Good Hope Rd
IH-41
Milwaukee County

Letting of January 12, 2021

This is Addendum No. 02, which provides for the following:

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
962	Changes to General Notes
972	Changes to General Notes
1022	Changes to General Notes
1030	Changes to General Notes

Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Revised: 962,972,1022, and 1030.

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

END OF ADDENDUM

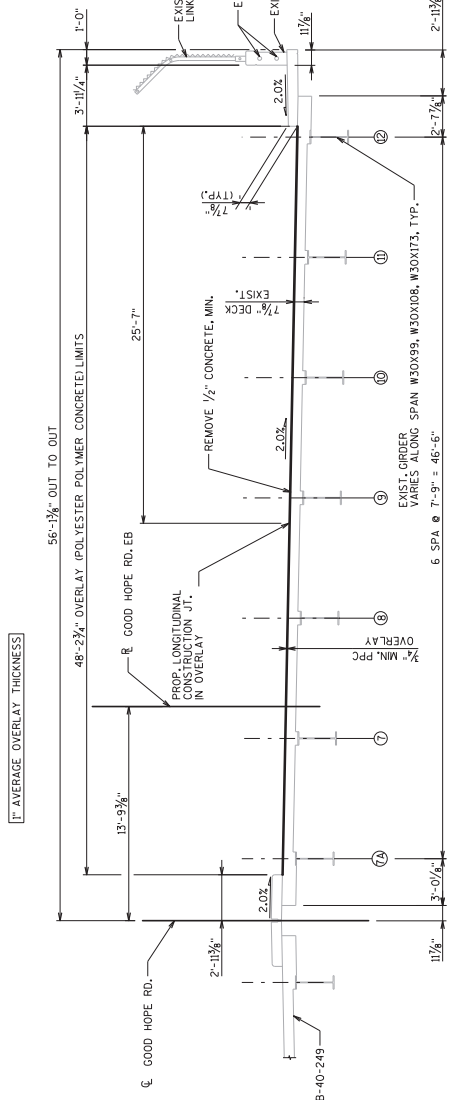
Addendum No. 02
ID 1100-01-77
Revised Sheet 962
January 4, 2021

12/29/20

NO.	DATE	REVISION	HDA
2	12/28/20	NOTE REVISION	HDA
BY			
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE B-40-248			
DRAWN BY: J. RAB			
CHECKED BY: HDA			

TYPICAL SECTION,
GENERAL NOTES
AND QUANTITIES
SHEET 2 OF 10
962

PLOT SCALE : 8:1



TYPICAL SECTION
(LOOKING EAST)

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEM	UNIT	TOTAL
204.0175	REMOVING CONCRETE SLOPE PAVING	SY	225
502.3101	EXPANSION DEVICE	LF	96
502.3200	PROTECTIVE SURFACE TREATMENT	SY	38
502.3210	PIGMENTED SURFACE SEALER	SY	102
502.3215.5	PROTECTIVE SURFACE TREATMENT RESEAL	SY	209
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH	98
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	2,890
505.0904	BAR COUPLERS NO. 4	EACH	8
505.0905	BAR COUPLERS NO. 5	EACH	26
509.0306	PREPARATION DECKS TYPE 1	SY	12
509.0307	PREPARATION DECKS TYPE 2	SY	5
509.0310.5	SAWING PAVEMENT DECK PREPARATION AREAS	LF	180
509.0500	CLEANING DECKS	SY	1,185
509.1000	JOINT REPAIR	SY	41
509.1200	CURB REPAIR	LF	20
509.1500	CONCRETE SURFACE REPAIR	SY	41
509.2100.5	CONCRETE MASONRY DECK REPAIR	CY	11
604.0400	SLOPE PAVING CONCRETE	SY	225
SPV.0035.50	RAPID SET DECK REPAIR	CY	1
SPV.0060.50	EMBEDDED GALVANIC ANODES	EACH	160
SPV.0105.52	REPAIR CHAIN LINK FENCE B-40-248	LF	1
SPV.0180.50	REMOVING LOOSE CONCRETE	SF	12
SPV.0180.50	POLYESTER POLYMER CONCRETE OVERLAY	SY	1,185
SPV.0180.51	ADJUSTMENT SEAT CLEANING AND SEALING	SY	28
NON-BID ITEMS			
PREFORMED JOINT FILLER			
ALL ITEMS ARE CATEGORY 2000			



GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.
DIMENSIONS SHOWN ARE BASED ON THE EXISTING STRUCTURE PLANS.
ALL DIMENSIONS ARE IN FEET AND INCHES, UNLESS OTHERWISE NOTED. ALL STATIONS AND ELEVATIONS ARE IN FEET, ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD).
REMOVAL OF DESIGNATED PORTIONS OF EXISTING CONCRETE SLOPE PAVING PAID FOR UNDER "REMOVING CONCRETE SLOPE PAVING".
APPLY "PROTECTIVE SURFACE TREATMENT" TO THE TOP OF NEW DECK AND PAVING BLOCK CONCRETE AT THE JOINT REPAIR AREAS. DO NOT APPLY "PROTECTIVE SURFACE TREATMENT" OVER POLYESTER POLYMER CONCRETE.
APPLY "PIGMENTED SURFACE SEALER" TO THE TOP AND INSIDE FACES OF EXISTING PARAPETS.
"PROTECTIVE SURFACE TREATMENT RESEAL" SHALL BE APPLIED TO THE EXISTING CONCRETE SURFACES OF THE TOP AND CURB FACES OF SIDEWALKS AND MEDIANS.
LOCATIONS OF THE FOLLOWING BID ITEMS SHALL BE DETERMINED IN THE FIELD BY THE PROJECT ENGINEER. QUANTITIES SHOWN FOR THESE ITEMS ARE APPROXIMATE.
- REMOVING CONCRETE SLOPE PAVING
- CURB REPAIR
- POLYESTER POLYMER CONCRETE
- REMOVING LOOSE CONCRETE

"CONCRETE SURFACE REPAIR" AREAS AS SHOWN IN THE QUANTITIES TABLE ARE BASED ON THE BRIDGE INSPECTION REPORT AND ARE APPROXIMATE. EXACT AREAS OF REPAIR SHALL BE DETERMINED IN THE FIELD BY THE PROJECT ENGINEER. ALL REPAIRS SHALL BE PAID FOR SEPARATELY.
SURFACE REPAIRS SHALL INCLUDE EMBEDDED GALVANIC ANODES, PAID FOR SEPARATELY.
ANY EXCAVATION REQUIRED TO COMPLETE THE OVERLAY OR JOINT REPAIRS AT THE CONCRETE OVERLAY SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM "POLYESTER POLYMER CONCRETE OVERLAY".
NEW CONCRETE FOR THE DECK AND PAVING DECKS AT THE JOINT REPAIR TO BE PAID FOR UNDER THE BID ITEM "CONCRETE MASONRY DECK REPAIR".
CONCRETE SHALL BE REMOVED FROM THE ENTIRE BRIDGE DECK UNDER THE BID ITEM "CLEANING DECKS".

AREAS OF "PREPARATION DECKS TYPE 1" SHALL BE DEFINED BY A SAW CUT.
"PREPARATION DECKS TYPE 1" AND "PREPARATION DECKS TYPE 2" AREAS ARE BASED ON THE LEVEL 3 INFERRED DECK SCAN AND ARE APPROXIMATE. EXACT AREAS OF REPAIR SHALL BE DETERMINED IN THE FIELD BY THE PROJECT ENGINEER. ALL REPAIRS SHALL BE PAID FOR SEPARATELY.
WITH "RAPID SET DECK REPAIR", POLYESTER POLYMER CONCRETE AND PORTLAND CEMENT BASED CONCRETE PATCHES MAY BE SUBSTITUTED AT NO EXTRA COST. PORTLAND CEMENT WITH A CUMULATIVE FINER PERCENTAGE OF 65% OR GREATER SHALL BE USED UNLESS OTHERWISE APPROVED OTHERWISE BY THE STRUCTURES DESIGN SECTION.
DECK REPAIRS SHALL BE FILLED PRIOR TO OVERLAY PLACEMENT DECK REPAIRS USING A PORTLAND CEMENT BASED CONCRETE REQUIRES A MINIMUM CURE TIME OF 28 DAYS PRIOR TO OVERLAY PLACEMENT.

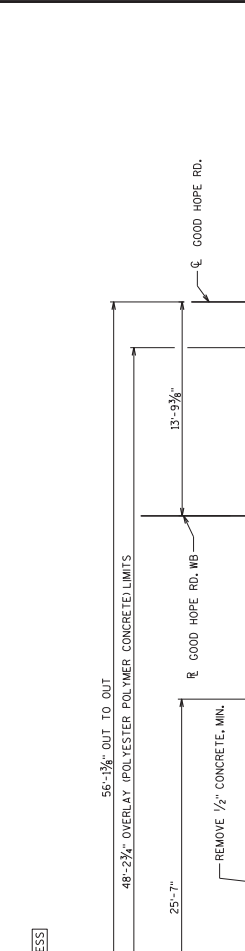
SHOT BLASTING, OVERLAY PRIME COAT, AND DECK SURFACE PREPARATIONS ARE INCLUDED IN THE BID ITEM "POLYESTER POLYMER CONCRETE OVERLAY".
LONGITUDINAL JOINTS NEAR WHEEL PATHS, WHEN REQUIRED, PLACE LONGITUDINAL JOINTS AT LANE LINES OR IN THE MIDDLE OF THE LANE. WHEEL PATHS DURING TEMPORARY TRAFFIC STAGING NEED NOT BE CONSIDERED.
BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.
ALL REINFORCING BARS ARE ENGLISH. THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE. BAR DIMENSIONS ARE OUT TO OUT OF BAR.
UTILIZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK, UNLESS SPECIFIED OTHERWISE.

UNDER THE BID ITEM "ADHESIVE ANCHORS NO. 5 BAR", ANCHORED REINFORCING STEEL SHALL BE PAID FOR SEPARATELY AS PROVIDED IN SECTION 505 OF THE STANDARD SPECIFICATIONS FOR BAR STEEL REINFORCEMENT.
BEVEL EDGES OF EXPOSED CONCRETE TO MATCH EXISTING BEVELS UNLESS NOTED OTHERWISE.
AT "CURB REPAIR" EXPOSED EXISTING REINFORCEMENT A MINIMUM OF 1/2" CLEAR TO AVERAGE OVERLAY THICKNESS IS BASED ON THE MINIMUM OVERLAY THICKNESS PLUS 1/4" TO ACCOUNT FOR VARIATIONS IN THE CURB SURFACE.
PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM OVERLAY THICKNESS OF 7" PLACED ABOVE THE DECK SURFACE AFTER SURFACE PREPARATION. THE EXPECTED AVERAGE OVERLAY THICKNESS IS 7". IF EXPECTED AVERAGE OVERLAY THICKNESS IS EXCEEDED BY MORE THAN 1/2" CONTACT THE STRUCTURES DESIGN SECTION.

THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION IS FOR INFORMATION ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES AND FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.
JOINT FILLER SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M183 TYPE 1, 2, OR 3, OR AASHTO M213.
SEAL ALL EXPOSED HORIZONTAL AND VERTICAL SURFACES OF JOINT FILLER WITH NON-STAINING, NON-ASPHALTIC JOINT SEALER 1/8" DEEP AND HOLD 1/8" BELOW SURFACE OF CONCRETE. COLOR TO MATCH ADJACENT SURFACES.

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GENERAL NOTES
DRAWINGS SHALL NOT BE SCALED.
DIMENSIONS SHOWN ARE BASED ON THE EXISTING STRUCTURE PLANS.
ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED. ALL STATIONS AND DATUMS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD83).
REMOVAL OF DESIGNATED PORTIONS OF EXISTING CONCRETE SLOPE PAVING PAID FOR UNDER REMOVING CONCRETE SLOPE PAVING.
APPLY PROTECTIVE SURFACE TREATMENT TO THE TOP OF NEW DECK AND PAVING BLOCK TREATMENT OVER POLYESTER POLYMER CONCRETE.
APPLY POLYMERIZED SURFACE SEALER TO THE TOP AND INSIDE FACES OF EXISTING PARAPETS.
PROTECTIVE SURFACE TREATMENT SHALL BE APPLIED TO THE EXISTING CONCRETE SURFACES OF THE TOP AND CURB FACES OF SUBMARKS AND MEDIANS.
LOCATIONS OF THE FOLLOWING BID ITEMS SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR FOR THESE ITEMS ARE APPROXIMATE:
- SLOPE PAVING CONCRETE
- REMOVING LOOSE CONCRETE
- CONCRETE SURFACE REPAIR AREAS AS SHOWN IN THE QUANTITIES TABLE ARE BASED ON THE BRIDGE INSPECTION REPORT AND ARE APPROXIMATE. EXACT AREAS OF REPAIR SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. DECK PREPARATION REPAIRS SHALL BE PAID FOR SEPARATELY. SURFACE REPAIRS SHALL INCLUDE "EMBEDDED GALVANIC ANODES," PAID FOR SEPARATELY.
ANY EXCAVATION REQUIRED TO COMPLETE THE OVERLAY OR JOINT REPAIRS AT THE ABUTMENTS IS TO BE CONSIDERED INCIDENTAL TO THE BID ITEM "POLYESTER POLYMER CONCRETE OVERLAY."
NEW CONCRETE FOR THE DECK AND PAVING BLOCKS AT THE JOINT REPAIR TO BE PAID FOR UNDER THE BID ITEM "CONCRETE MASONRY DECK REPAIR."
1/2" OF CONCRETE SHALL BE REMOVED FROM THE ENTIRE BRIDGE DECK UNDER THE BID ITEM "CLEANING DECKS."
AREAS OF PREPARATION DECKS TYPE 1" SHALL BE DEFINED BY A SAW CUT.
PREPARATION DECKS TYPE 1" AND "PREPARATION DECKS TYPE 2" ARE BASED ON THE LEVEL 3 INFRARED SCAN AND ARE APPROXIMATE. EXACT AREAS OF REPAIR SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. DECK PREPARATION REPAIRS SHALL BE PAID FOR SEPARATELY. CONCRETE PATCHES MAY BE SUBSTITUTED AT NO EXTRA COST PORTLAND CEMENT BASED CONCRETE PATCHES SHALL BE USED FOR JOINT REPAIRS AND FULL-DEPTH REPAIRS WITH A SLAN AREA LARGER THAN 4 SF, UNLESS APPROVED OTHERWISE BY THE STRUCTURES DESIGN SECTION.
DECK REPAIRS SHALL BE FILLED PRIOR TO OVERLAY PLACEMENT. DECK REPAIRS USING A OVERLAY PLACEMENT BASED CONCRETE REQUIRES A MINIMUM CURE TIME OF 28 DAYS PRIOR TO OVERLAY PLACEMENT.
SLOPE BLASTING OVERLAY PRIME COAT AND DECK SURFACE PREPARATIONS ARE INCLUDED IN THE BID ITEM "POLYESTER POLYMER CONCRETE OVERLAY."
OVERLAY CONSTRUCTION JOINTS SHALL BE APPROVED BY THE ENGINEER. VOID PAVING LANE LINES OR IN THE MIDDLE OF THE LANE. WHEEL PATHS DURING TEMPORARY TRAFFIC STAGING NEED NOT BE CONSIDERED.
BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.
ALL REINFORCING BARS ARE ENGLISH. THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE. BAR DIMENSIONS ARE OUT TO OUT OF BAR.
UTILIZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK, UNLESS SPECIFIED OTHERWISE.
UNDER THE BID ITEM "ADHESIVE ANCHORS NO. 5 BAR," ANCHORED REINFORCING STEEL SHALL BE PAID FOR SEPARATELY AS PROVIDED IN SECTION 405 OF THE STANDARD SPECIFICATIONS FOR BAR STEEL REINFORCEMENT.
BEVEL EDGES OF EXPOSED CONCRETE TO MATCH EXISTING BEVELS UNLESS NOTED OTHERWISE.
AT "CURB REPAIR" EXPOSE EXISTING REINFORCEMENT A MINIMUM OF 1/2" CLEAR. TO AVERAGE OVERLAY THICKNESS IS BASED ON THE MINIMUM OVERLAY THICKNESS PLUS 1/4" TO ACCOUNT FOR VARIATIONS IN THE DECK SURFACE.
PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM OVERLAY THICKNESS OF 2" AND THE EXISTING DECK SURFACE. THE CONTRACTOR SHALL VERIFY THE EXPECTED AVERAGE OVERLAY THICKNESS IS EXCEEDED BY MORE THAN 1/2", CONTACT THE STRUCTURES DESIGN SECTION.
THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.
JOINT FILLER SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M83 TYPE 1, 2, OR 3, OR AASHTO M231.
SEAL ALL EXPOSED HORIZONTAL AND VERTICAL SURFACES OF JOINT FILLER WITH AN APPROPRIATE POLYURETHANE JOINT SEALANT. JOINT SEALANT SHALL BE 1/8" DEEP AND HOLD 1/8" BELOW SURFACE OF CONCRETE. COLOR TO MATCH ADJACENT SURFACES.



TYPICAL SECTION
(LOOKING EAST)

REMOVE EXISTING JOINT SEAL AND COMPRESSION JOINT SEALER PERFORMED ELASTOMERIC 3/4\"/>

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEM	UNIT	TOTAL
502.075	REMOVING CONCRETE SLOPE PAVING	SY	139
502.200.01	COMPRESSION JOINT SEALER PREFORMED ELASTOMERIC 3 1/2-INCH	LF	230
502.310	EXPANSION DEVICE	LF	96
502.3200	PROTECTIVE SURFACE TREATMENT	SY	38
502.3210	PIGMENTED SURFACE SEALER	SY	102
502.3215.5	PROTECTIVE SURFACE TREATMENT RESEAL	EACH	98
502.4205	ADHESIVE ANCHORS NO. 5 BAR	LB	2,890
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	EACH	8
505.0904	BAR COUPLERS NO. 4	EACH	26
505.0905	BAR COUPLERS NO. 5	EACH	10
505.0906	BAR COUPLERS NO. 6	EACH	12
509.0301	PREPARATION DECKS TYPE 1	SY	160
509.0302	PREPARATION DECKS TYPE 2	SY	185
509.0500	CLEANING DECKS	SY	41
509.1000	CURB REPAIR	LF	20
509.1200	CONCRETE SURFACE REPAIR	SF	440
509.1500	CONCRETE MASONRY DECK REPAIR	CY	13
604.0400	SLOPE PAVING CONCRETE	SY	139
SPV.0035.50	RAPID SET DECK REPAIR	CY	1
SPV.0060.50	EMBEDDED GALVANIC ANODES	EACH	160
SPV.0105.53	REPAIR CHAIN LINK FENCE B-40-249	LS	1
SPV.0165.50	REMOVING LOOSE CONCRETE	SF	20
SPV.0180.50	POLYESTER POLYMER CONCRETE OVERLAY	SY	1,185
SPV.0180.51	ABUTMENT SEAT CLEANING AND SEALING	SY	28
	PREFORMED JOINT FILLER		
	NON-BID ITEMS		
ALL ITEMS ARE CATEGORY 210			

ADDENDUM NO. 02
ID 1100-01-77
REVISED SHEET 972
JANUARY 4, 2021

[Signature]
12/29/20

WISCONSIN PROFESSIONAL ENGINEERS
HEATHER D. ANDERS, P.E.
30441-008 CEDARBURG, WI

[Signature]
12/28/2020

NO.	DATE	NOTE	REVISION	HDA
2	12/28/20			

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-249
RAB
P.C.S. HDA

TYPICAL SECTION,
GENERAL NOTES
AND QUANTITIES

SHEET 2 OF 10
972

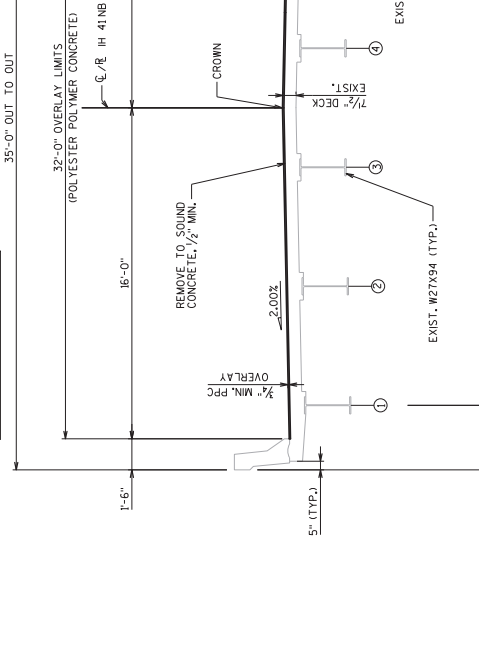
GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.
 DIMENSIONS SHOWN ARE BASED ON THE EXISTING STRUCTURE PLANS.
 ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED. ALL STATIONS AND ELEVATIONS ARE IN FEET. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD).
 APPLY "PROTECTIVE SURFACE TREATMENT" TO THE TOP OF NEW DECK AND PAVING BLOCK CONCRETE AT THE JOINT REPAIR AREAS. DO NOT APPLY "PROTECTIVE SURFACE TREATMENT" OVER POLYESTER POLYMER CONCRETE.
 APPLY "PIGMENTED SURFACE SEALER" TO THE TOP AND INSIDE FACES OF NEW AND EXISTING PARAPETS.
 1/2" OF CONCRETE SHALL BE REMOVED FROM THE ENTIRE BRIDGE DECK UNDER THE BID ITEM "CLEANING DECKS".
 AREAS OF "PREPARATION DECKS TYPE 1" SHALL BE DEFINED BY A SAW CUT.
 "PREPARATION DECKS TYPE 1" AND "PREPARATION DECKS TYPE 2" QUANTITIES ARE BASED ON THE BRIDGE INSPECTION REPORT AND LEVEL UNPREPARED REPORT DATED 11/20/2017 AND ARE APPROXIMATE. EXACT AREAS OF REPAIR SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. DECK PREPARATION SHALL BE FILLED WITH "RAPID SET DECK REPAIR". POLYESTER POLYMER CONCRETE PATCHES MAY BE SUBSTITUTED AT NO EXTRA COST.
 LEVEL 2 INFRARED REPORTS ARE AVAILABLE FROM WISDOT SE REGION BRIDGE MAINTENANCE UNIT, CONTACT JULIE BROOKS, 282-251-4434, JULIE.BROOKS@DOT.WIS.EDU.
 SHOT BLASTING, OVERLAY PRIME COAT, AND DECK SURFACE PREPARATIONS ARE INCLUDED IN THE BID ITEM "POLYESTER POLYMER CONCRETE OVERLAY".
 OVERLAY CONSTRUCTION JOINTS SHALL BE APPROVED BY THE ENGINEER. AVOID PLACING LONGITUDINAL JOINTS UNDER THE BRIDGE. LONGITUDINAL JOINTS SHALL BE PLACED IN THE MIDDLE OF THE LANE. WHEEL PATHS DURING TEMPORARY TRAFFIC STAGING NEED NOT BE CONSIDERED.
 LOCATIONS OF THE FOLLOWING BID ITEMS SHALL BE DETERMINED IN THE FIELD BY THE PROJECT ENGINEER.
 - VEGETATION REMOVAL B-40-939
 - REMOVING LOOSE CONCRETE
 "CONCRETE SURFACE REPAIR" AREAS SHOWN IN THE QUANTITIES TABLE ARE BASED ON THE BRIDGE INSPECTION REPORT AND ARE APPROXIMATE. EXACT AREAS OF REPAIR SHALL BE DETERMINED IN THE FIELD BY THE PROJECT ENGINEER. CONCRETE SURFACE REPAIRS SHALL INCLUDE "EMBEDDED GALVANIC ANODES", PAID FOR SEPARATELY.
 AN EXAMINATION REQUIRED TO COMPLETE THE OVERLAY OR JOINT REPAIR OVER THE POLYESTER POLYMER CONCRETE OVERLAY.
 NEW CONCRETE FOR THE DECK AND PAVING BLOCKS AT THE JOINT REPAIR TO BE PAID FOR UNDER THE BID ITEM "CONCRETE MASONRY BRIDGES".
 NEW CONCRETE FOR PARAPET REPLACEMENT WITHIN THE JOINT REPAIR LIMITS IS PAID FOR AS "CONCRETE MASONRY BRIDGES".

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.
 ALL REINFORCING BARS ARE ENGLISH. THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE. BAR DIMENSIONS ARE OUT TO OUT OF BAR.
 UNLESS SPECIFIED OTHERWISE.
 UNLESS SPECIFIED OTHERWISE.
 UNDER THE BID ITEM "ADHESIVE ANCHORS NO. 5 BAR", ANCHORED REINFORCING STEEL SHALL BE PAID FOR SEPARATELY AS PROVIDED IN SECTION 505 OF THE STANDARD SPECIFICATIONS FOR BAR STEEL REINFORCEMENT.
 BEVEL EDGES OF EXPOSED CONCRETE TO MATCH EXISTING BEVELS UNLESS NOTED OTHERWISE.
 PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM OVERLAY THICKNESS OF 3/4".
 "CONCRETE SURFACE REPAIR" QUANTITIES ARE BASED ON THE BRIDGE INSPECTION REPORT AND ARE APPROXIMATE. EXACT AREAS OF REPAIR SHALL BE DETERMINED IN THE FIELD BY THE PROJECT ENGINEER. CONCRETE SURFACE REPAIRS SHALL INCLUDE "EMBEDDED GALVANIC ANODES", PAID FOR SEPARATELY.
 AN EXAMINATION REQUIRED TO COMPLETE THE OVERLAY OR JOINT REPAIR OVER THE POLYESTER POLYMER CONCRETE OVERLAY.
 NEW CONCRETE FOR THE DECK AND PAVING BLOCKS AT THE JOINT REPAIR TO BE PAID FOR UNDER THE BID ITEM "CONCRETE MASONRY BRIDGES".
 NEW CONCRETE FOR PARAPET REPLACEMENT WITHIN THE JOINT REPAIR LIMITS IS PAID FOR AS "CONCRETE MASONRY BRIDGES".

CLEAN AND PAINT EXISTING FIXED BEARINGS AT PIERS.
 CLEAN AND PAINT ALL EXPOSED STEEL SUPERSTRUCTURE SURFACES UNDERNEATH THE BRIDGE. THE SURFACES SHALL BE BRUSHED ON.
 FOR AS "STRUCTURE REPAINTING RECYCLED ABRASIVE B-40-939". PAINT APPLICATIONS ON THE BEARINGS SHALL BE BRUSHED ON.
 EXISTING STEEL SUPERSTRUCTURE SHALL BE PAINTED, SHERWIN WILLIAMS COLOR SW6523 OR EQUAL.
 REMOVAL OF THE PARAPET AT THE JOINTS IS INCLUDED IN BID ITEM "JOINT REPAIR".
 THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.
 MAINTAIN EXISTING DRAINS. IF OVERLAY EXCEEDS 3/4", CONTACT ENGINEER ABOUT ADJUSTING TAPERING LIMITS AT DRAINS TO ACCOUNT FOR ADDITIONAL OVERLAY THICKNESS.
 REMOVE ALL VEGETATION FROM DITCH LINE AND AS DIRECTED BY THE ENGINEER. REMOVAL OF VEGETATION IS INCLUDED IN THE BID ITEM "VEGETATION REMOVAL B-40-939".
 THE CONTRACTOR SHALL SUPPLY A NEW NAME PLATE IN ACCORDANCE WITH SECTION 502.3.11 OF THE STANDARD SPECIFICATIONS AND THE STANDARD DETAIL DRAWINGS. NAME PLATE TO SHOW ORIGINAL CONSTRUCTION YEAR OF 1995 AND SHALL BE CONSIDERED INCIDENTAL TO "CONCRETE MASONRY BRIDGES".
 THE AVERAGE OVERLAY THICKNESS IS BASED ON THE MINIMUM OVERLAY THICKNESS PLUS 1/4" INCH TO ACCOUNT FOR VARIATIONS IN THE DECK SURFACE.
 CLEAN AND SEAL ABUTMENT SEATS AFTER COMPLETING ALL DECK REPAIRS, JOINT REPLACEMENT, AND BEARING REPLACEMENTS. PAID FOR AS "ABUTMENT SEAT CLEANING AND SEALING".
 "STEEL COVER PLATE WELD TESTING SPECIAL" SHALL BE PERFORMED AT THE ENDS OF THE WELDED COVER PLATES ON THE GRIDER BOTTOM FLANGES.

GENERAL NOTES



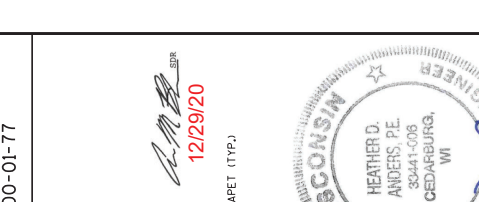
TYPICAL SECTION
LOOKING NORTH

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEM	UNIT	TOTAL
502.000	CONCRETE MASONRY BRIDGES	CY	4
502.310	EXPANSION DEVICE	LF	69
502.320	PROTECTIVE SURFACE TREATMENT	SY	27
502.320	PIGMENTED SURFACE SEALER	SY	124
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH	70
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	2,270
506.6000.08	BEARING ASSEMBLIES EXPANSION B-40-939	EACH	12
506.7050.5.08	REMOVING BEARINGS B-40-939	EACH	12
509.0301	PREPARATION DECKS TYPE 1	SY	10
509.0302	PREPARATION DECKS TYPE 2	SY	4
509.0303	SAWING PAVEMENT DECK PREPARATION AREAS	LF	150
509.0500	CLEANING DECKS	SY	499
509.1500	CONCRETE SURFACE REPAIR	SY	72
509.2000	CONCRETE SURFACE REPAIR	SY	72
509.2000.S	CONCRETE MASONRY DECK REPAIR	CY	11
517.8000.S.08	STRUCTURE REPAINTING RECYCLED ABRASIVE B-40-939	LS	1
517.4500.S.08	NEGATIVE PRESSURE CONTAINMENT AND COLLECTION OF WASTE MATERIALS B-40-939	LS	1
517.6001.S	PORTABLE DECONTAMINATION FACILITY	EACH	1
604.0500	SLOPE PAVING CRUSHED AGGREGATE	SY	383
606.0200	RIPRAP MEDIUM	CY	14
645.0120	GEOTEXTILE TYPE HR	SY	28
SPV.0035.50	RAPID SET DECK REPAIR	CY	1
SPV.0060.50	EMBEDDED GALVANIC ANODES	EACH	70
SPV.0060.51	CLEAN DECK INLETS	EACH	2
SPV.0060.55	STEEL COVER PLATE WELD TESTING SPECIAL	EACH	24
SPV.0060.56	STEEL CRACK REPAIR SPECIAL	EACH	2
SPV.0060.58	VEGETATION REMOVAL B-40-939	LS	21
SPV.0060.59	POLYESTER POLYMER CONCRETE OVERLAY	SY	499
SPV.0180.51	ABUTMENT SEAT CLEANING AND SEALING	SY	18
SPV.0180.52	REMOVE GROUTED RUBBLE SLOPE PAVING	SY	383
	NON-BID ITEMS		
	NAME PLATE	EACH	1

ALL ITEMS ARE CATEGORY 2050

GENERAL NOTES



EXISTING COVER PLATE DETAIL

GENERAL NOTES

ADDENDUM NO. 02
 ID 1100-01-77
 Revised Sheet 1022
 January 4, 2021

GENERAL NOTES

NO.	DATE	REVISION	HDA
2	1/28/21	NOTE REVISION	HDA

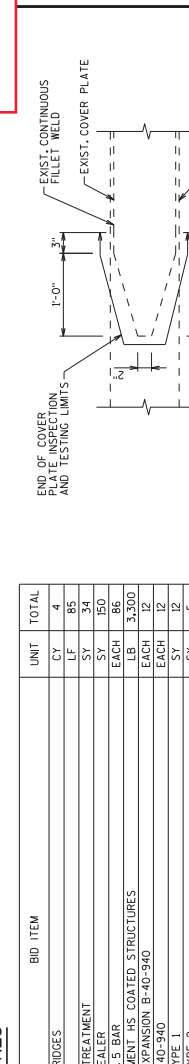
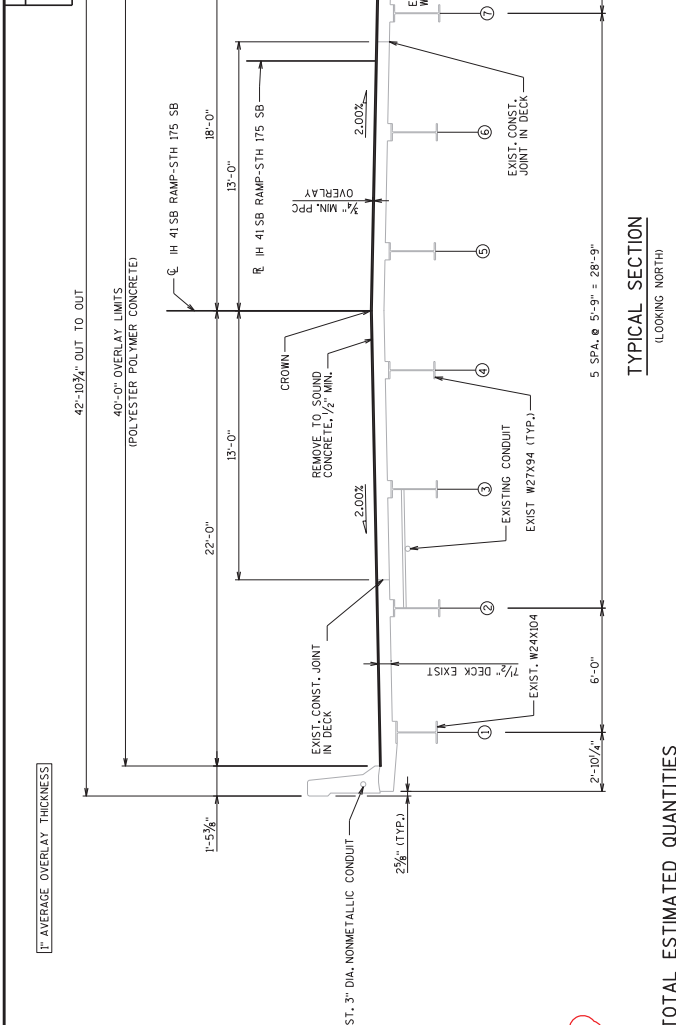
STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION
 STRUCTURE B-40-939
 DRAWN BY: JAWN/RAB
 CHECKED BY: JAWN/RAB
 SHEET 2 OF 8
 1022

TYPICAL SECTION, GENERAL NOTES AND QUANTITIES

PLOT SCALE : 6:1

PLOT DATE : 12/28/2020 11:22:17 AM PLOT BY : HANDBR'S PLOT NAME : #FILE#

STATE PROJECT NUMBER
1100-01-77



EXISTING COVER PLATE DETAIL

12/29/20

HEATHER D. ANDERS, P.E.
 30441-008
 CEDARBURG, WI

NO. DATE REVISION
 2/27/2020 HDA BY

STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-940

TYPICAL SECTION,
 GENERAL NOTES
 AND QUANTITIES

1030

12/28/2020

12/28/2020

1030

1030

1030

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.
 DIMENSIONS SHOWN ARE BASED ON THE EXISTING STRUCTURE PLANS.
 ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED. ALL STATIONS AND ELEVATIONS ARE IN FEET. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAD).
 APPLY "PROTECTIVE SURFACE TREATMENT" TO THE TOP OF NEW DECK AND PAVING BLOCK CONCRETE AT CONCRETE JOINTS.
 APPLY "PROTECTIVE SURFACE TREATMENT" OVER POLYESTER POLYMER CONCRETE.
 APPLY "CONCRETE SURFACE SEALER" TO THE TOP AND INSIDE FACES OF NEW AND EXISTING PARAPETS.
 DECKS.

AREAS OF "PREPARATION DECKS TYPE 1" SHALL BE DEFINED BY A SAW CUT.
 "INSPECTION REPORT AND LEVEL INPREPARED REPORT DATED 11/20/2017 AND ARE APPROXIMATE. EXACT AREAS OF REPAIR SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. DECK PREPARATION SHALL BE PERFORMED IN ACCORDANCE WITH THE "CONCRETE REPAIR" POLYESTER POLYMER CONCRETE PATCHES MAY BE SUBSTITUTED AT NO EXTRA COST.
 LEVEL INPREPARED REPORTS ARE AVAILABLE FROM WISDOT SE REGION BRIDGE MAINTENANCE UNIT. CONTACT JIMMIE BROOKS, 262-541-4431, JIMMIE.BROOKS@DOT.WIS.GOV.

SHOT-BLASTING, OVERLAY, PRIME COAT, AND DECK SURFACE PREPARATIONS ARE INCLUDED IN THE BID ITEM "POLYESTER POLYMER CONCRETE OVERLAY".
 OVERLAY CONSTRUCTION JOINTS SHALL BE APPROVED BY THE ENGINEER. AVOID PLACING LONGITUDINAL JOINTS IN THE MIDDLE OF THE LANE, WHEEL PATHS DURING TEMPORARY TRAFFIC STAGING NEED NOT BE CONSIDERED.
 LOCATIONS OF THE FOLLOWING BID ITEMS SHALL BE DETERMINED IN THE FIELD BY THE PROJECT ENGINEER:
 - SLOPE PAVING REPAIR CRUSHED AGGREGATE
 - VEGETATION REMOVAL B-40-940
 - REMOVING LOOSE CONCRETE

"CONCRETE SURFACE REPAIR" AREAS SHOWN IN THE QUANTITIES TABLE ARE BASED ON THE BRIDGE DECK SURFACE AREA AS SHOWN IN THE DRAWINGS. REPAIRS SHALL BE PERFORMED IN THE FIELD BY THE PROJECT ENGINEER. ALL SUBSTRUCTURE CONCRETE SURFACE REPAIRS SHALL INCLUDE "EMBEDDED GALVANIC ANODES", PAID FOR SEPARATELY.
 ANY EXCAVATION REQUIRED TO COMPLETE THE OVERLAY OR JOINT REPAIRS AT THE ABUTMENTS IS TO BE CONSIDERED INCIDENTAL TO THE BID ITEM "POLYESTER POLYMER OVERLAY DECKS".

NEW CONCRETE FOR THE DECK AND PAVING BLOCKS AT THE JOINT REPAIR TO BE PAID FOR UNDER THE BID ITEM "CONCRETE MASONRY DECK REPAIR".
 ALL REPAIRS TO BE PAID FOR UNDER THE BID ITEM "CONCRETE MASONRY DECK REPAIR" SHALL BE PERFORMED WITHIN THE JOINT REPAIR LIMITS AS PAID FOR AS "CONCRETE MASONRY DECK REPAIRS".

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.
 ALL REINFORCING BARS ARE ENGLISH. THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK IDENTIFY THE BAR SIZE. BAR DIMENSIONS ARE OUT TO OUT OF BAR.
 UTILIZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK UNLESS SPECIFIED OTHERWISE.
 UNDER THE BID ITEM "ADHESIVE ANCHORS NO. 5 BAR", ANCHORED REINFORCING STEEL SHALL BE PAID FOR SEPARATELY AS PROVIDED IN SECTION 505 OF THE STANDARD SPECIFICATIONS FOR BAR STEEL REINFORCEMENT.

BEVEL GRADE OF EXPOSED CONCRETE TO MATCH EXISTING BEVELS UNLESS NOTED OTHERWISE.
 PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD. BASED ON A MINIMUM OVERLAY THICKNESS OF 7/8" PLACED ABOVE THE DECK SURFACE AFTER SURFACE PREPARATION. THE EXPECTED AVERAGE OVERLAY THICKNESS IS 1". IF EXPECTED AVERAGE OVERLAY THICKNESS IS EXCEEDED BY MORE THAN 1/2", CONTACT THE STRUCTURES DESIGN SECTION.
 REMOVE DESIGNATED MOVEABLE BEARING ASSEMBLIES AT THE ABUTMENTS UNDER THE BID ITEM "REMOVING BEARINGS B-40-940" AND REPLACE WITH STEEL EXPANSION BEARINGS.
 CLEAN AND PAINT EXISTING FIXED BEARINGS AT THE PIERS.
 SURFACES INCLUDE GRIDDERS, DIAPHRAGMS, CONNECTIONS, FIXED BEARINGS, ETC. ALL CLEANING AND PAINTING TO BE PAID FOR AS "STRUCTURE REPAINTING RECYCLED ABRASIVE B-40-940". PAINT APPLICATIONS ON THE BEARINGS SHALL BE BRUSHED ON.
 EXISTING STEEL SUPERSTRUCTURE AND BEARINGS SHALL BE PAINTED SHERWIN WILLIAMS COLOR SW6523 OR EQUAL.

REMOVAL OF THE PARAPET AT THE JOINTS IS INCLUDED IN BID ITEM "JOINT REPAIR".
 THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.
 REMOVE ALL VEGETATION FROM EXISTING CRUSHED AGGREGATE SLOPE PAVING PRIOR TO REPAIRING AND RECONSTRUCTING SLOPE PAVING. REMOVAL OF THE VEGETATION IS INCLUDED IN THE BID ITEM "VEGETATION REMOVAL B-40-940".
 ALL CRUSHED AGGREGATE SLOPE PAVING ASSOCIATED WITH THIS STRUCTURE TO BE RESEALED.
 THE AVERAGE OVERLAY THICKNESS IS BASED ON THE MINIMUM OVERLAY THICKNESS PLUS 1/4" INCH TO ACCOUNT FOR VARIATIONS IN THE DECK SURFACE.
 CLEAN AND SEAL ABUTMENT SEATS AFTER COMPLETING ALL DECK REPAIRS, JOINT REPLACEMENT, AND BEARING REPLACEMENTS. PAID FOR AS "ABUTMENT SEAT CLEANING AND SEALING".
 "STEEL COVER PLATE WELD TESTING SPECIAL" SHALL BE PERFORMED AT THE ENDS OF THE WELDED COVER PLATES ON THE ORDER BOTTOM FLANGES.

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEM	UNIT	TOTAL
502.0100	CONCRETE MASONRY BRIDGES	CY	4
502.3101	EXPANSION DEVICE	LF	85
502.3200	PROTECTIVE SURFACE TREATMENT	SY	34
502.3210	PIGMENTED SURFACE SEALER	SY	86
502.4205	ADHESIVE ANCHORS NO. 5 BAR	LB	3,300
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	3,300
506.6000.09	BEARING ASSEMBLIES EXPANSION B-40-940	EACH	12
506.7050.03.09	REMOVING BEARINGS B-40-940	EACH	12
509.0301	PREPARATION DECKS TYPE 1	SY	12
509.0302	PREPARATION DECKS TYPE 2	SY	12
509.0303	SLAB PLACEMENT DECK PREPARATION AREAS	SY	190
509.0500	CLEANING DECKS	SY	624
509.1000	JOINT REPAIR	SY	36
509.2100.5	CONCRETE SURFACE REPAIR	SY	33
517.1800.5.09	CONCRETE MASONRY DECK REPAIR	CY	14
517.4500.5.09	STRUCTURE REPAINTING RECYCLED ABRASIVE B-40-940	LS	1
517.4500.5.09	NEGATIVE PRESSURE CONTAINMENT AND COLLECTION OF WASTE MATERIALS B-40-940	LS	1
517.6001.5	PORTABLE DECONTAMINATION FACILITY	EACH	1
604.9100.5	SLOPE PAVING REPAIR CRUSHED AGGREGATE	SY	84
606.0200	RESAL CRUSHED AGGREGATE SLOPE PAVING	SY	460
645.0202	RIPPAP MEDIUM	SY	14
645.0202	GEOTEXTILE TYPE HR	SY	27
SP4.0305.50	RAPID SET DECK REPAIR	CT	1
SP4.0605.50	SMEDDED GALVANIC ANODES	EACH	50
SP4.0605.50	SMEDDED GALVANIC ANODES	EACH	50
SP4.0605.50	STEEL CRACK REPAIR SPECIAL	EACH	2
SP4.0605.50	VEGETATION REMOVAL B-40-940	LS	1
SP4.0605.50	REMOVING LOOSE CONCRETE	SY	45
SP4.0805.50	POLYESTER POLYMER CONCRETE OVERLAY	SY	624
SP4.0805.50	ABUTMENT SEAT CLEANING AND SEALING	SY	22

ALL ITEMS ARE CATEGORY 2060 NON-BID ITEMS

