Wisconsin Department of Transportation

Division of Transportation Systems Development
Bureau of Project Development
4822 Madison Yards Way, 4th Floor South
Madison, WI 53705

Telephone: (608) 266-1631
Facsimile (FAX): (608) 266-8459

October 8, 2026

NOTICE TO ALL CONTRACTORS:

Proposal #24: 20261013024
Elk Mound – Chippewa Falls
Chippewa River BR B090210 & B090209
STH 29
Chippewa County

Letting of October 13, 2026

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)
116	Structure B-09-0209 “Quantities and Notes” (Updated Structure Quantities Table, add General Note)
138	Structure B-09-0210 “Quantities and Notes” (Add General Note)

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

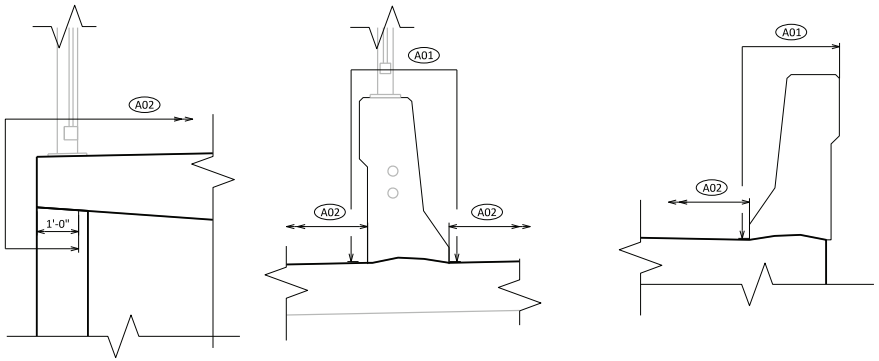
Sincerely,

Mike Coleman
Proposal Development Specialist
Proposal Management Section

END OF ADDENDUM

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	SUPER	W. ABUT.	E. ABUT.	TOTALS
203.0250	REMOVING STRUCTURE OVER WATERWAY REMOVE DEBRIS B-9-209	EACH	---	---	---	1
206.1001	EXCAVATION FOR STRUCTURES BRIDGE B-9-209	EACH	---	---	---	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	---	445	470	915
502.0100	CONCRETE MASONRY BRIDGES	CY	---	39.1	34.6	74
502.3101	EXPANSION DEVICE B-9-209	LF	55	---	---	55
502.3111.S	EXPANSION DEVICE MODULAR	LF	55	---	---	55
502.3200	PROTECTIVE SURFACE TREATMENT	SY	35	15	15	65
502.3210	PIGMENTED SURFACE SEALER	SY	7	2	2	11
502.4206	ADHESIVE ANCHORS NO. 6 BAR	EACH	---	112	114	226
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	2,670	4,680	4,120	11,470
509.1000	JOINT REPAIR	SY	64	---	---	64
509.1500	CONCRETE SURFACE REPAIR	SF	---	6	4	10
509.2100.S	CONCRETE MASONRY DECK REPAIR	① CY	14.1	---	---	15
513.9006.S	REMOVING AND RESETTING TUBULAR RAILING B-9-209	EACH	---	---	---	1
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	---	18	18	36
652.0125	CONDUIT RIGID METALLIC 2-INCH	LF	13	6	5	24
SPV.0180	ABUTMENT SEAT CLEANING AND SEALING	SY	---	21	21	42
	NON-BID ITEMS					
	NAME PLATE					1



PROTECTIVE SURFACE TREATMENT AND PIGMENTED SURFACE SEALER DETAIL

(A01) COAT WITH "PIGMENTED SURFACE SEALER" AS PER THE STANDARD SPECIFICATIONS ON THE FRONT FACE, BACK FACE (MEDIAN PARAPET ONLY), AND TOP OF THE NEWLY CONSTRUCTED PARAPET SEGMENTS WITHIN THE JOINT REPAIR LIMITS.

(A02) COAT WITH "PROTECTIVE SURFACE TREATMENT " AS PER THE STANDARD SPECIFICATIONS . "PROTECTIVE SURFACE TREATMENT" SHALL BE APPLIED TO THE TOP SURFACE OF THE DECK, NORTH EDGE OF SLAB, AND BOTTOM 1'-0" OF THE NORTH OVERHANG LOCATED WITHIN THE JOINT REPAIR LIMITS.

SCOPE OF WORK

- REPLACE EXISTING ABUTMENT BACKWALLS.
- REPLACE EXPANSION JOINTS AT EACH ABUTMENT.

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL EXPOSED EDGES OF CONCRETE ¾" UNLESS OTHERWISE NOTED.

UTILIZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK, UNLESS SHOWN OTHERWISE.

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), CHIPPEWA COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES.

ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 18.

THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES BRIDGES B-9-209" SHALL BE THE EXISTING GROUNDLINE.

AT THE BACK FACE OF ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL TYPE A.

THE QUANTITY FOR BACKFILL STRUCTURE IS CALCULATED BASED ON THE DETAIL SHOWN IN THE PLANS.

PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE EXPOSED TOP OF DECK SURFACES, NORTH EDGE OF SLAB, AND BOTTOM 1'-0" OF THE NORTH OVERHANG LOCATED WITHIN THE JOINT REPAIR LIMITS AND TO THE VERTICAL AND HORIZONTAL SURFACES OF THE PAVING NOTCHES AT ABUTMENT DIAPHRAGMS.

PIGMENTED SURFACE SEALER TO BE APPLIED TO THE FRONT FACE, BACK FACE (MEDIAN PARAPET ONLY), AND THE TOP OF THE PARAPETS LOCATED WITHIN THE JOINT REPAIR LIMITS.

DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS. DIMENSIONS HAVE BEEN CONVERTED FROM METRIC UNITS TO IMPERIAL UNITS.

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 2005.

THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OVERHEAD UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING THEIR OWN DETERMINATIONS AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.

THE COST FOR PARAPET REMOVAL WITHIN THE LIMITS OF JOINT REPAIR SHALL BE INCLUDED IN THE SQUARE YARD BID ITEM "JOINT REPAIR".

THE PAY LIMITS OF "REMOVING STRUCTURE" SHALL INCLUDE VOLUMES OCCUPIED BY EACH ABUTMENT BACKWALL.

THE PAY LIMITS OF "CONCRETE MASONRY BRIDGES" DO NOT INCLUDE AREAS OF JOINT REPAIR AS DENOTED IN THE PLANS.

① THE PAY LIMITS OF "CONCRETE MASONRY DECK REPAIR" SHALL INCLUDE ANY SAW CUTTING WORK REQUIRED TO COMPLETE "CONCRETE MASONRY DECK REPAIRS".

Addendum No. 02
ID 1050-02-73
Revised Sheet 116
October 8, 2026

WISCONSIN
CHRISTOPHER J. MARCUM
44676
EAU CLAIRE
WISCONSIN
PROFESSIONAL ENGINEER
10/07/2026

JLR
10/07/2026

DESIGN DATA

LIVE LOAD:

TAKEN FROM HSI 03/26/2024
DESIGN LOADING: HS-20
INVENTORY RATING: HS-24
OPERATING RATING: HS-40
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV): 250 (KIPS)

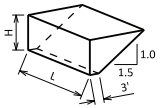
MATERIAL PROPERTIES:

CONCRETE MASONRY:
JOINT REPAIR — f'_c = 4,000 PSI
ALL OTHER — f'_c = 3,500 PSI

BAR STEEL REINFORCEMENT
GRADE 60 — f_y = 60,000 PSI

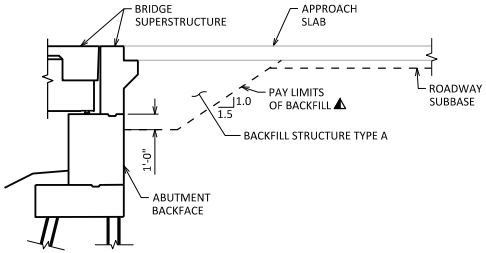
TRAFFIC DATA

FEATURE ON: STH 29 WB
ADT = 14,780 (2027)
ADT = 15,540 (2047)
R.D.S. = 70 MPH



ABUTMENT BACKFILL DIAGRAM

L = OUT TO OUT OF ABUTMENT BODY INCLUDING WINGS (FT)
H = AVERAGE ABUTMENT FILL HEIGHT FROM BEAM SEAT TO TOP OF BACKWALL (FT) PLUS ONE FOOT BELOW BEAM SEAT
EF = EXPANSION FACTOR (1.20 FOR CY BID ITEMS AND 1.00 FOR TON BID ITEMS)
V_{CF} = (L)(3.0')(H) + (L)(0.5)(1.5H)(H)
V_{CY} = V_{CF}(EF)/27
V_{TON} = V_{CY}(2.0)



TYPICAL SECTION THRU ABUTMENT

▲ BACKFILL PAY LIMITS. BACKFILL BEYOND PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.

NO.	DATE	REVISION	BY
①	10/07/26	CORRECT UNITS AND NOTE	CJM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STATE PROJECT NUMBER
1050-02-73

STRUCTURE B-9-209

DRAWN BY CJM | PLANS CK'D VJD/JMR

QUANTITIES AND NOTES

SHEET 2 OF 22

116

SCALE =

8

8

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	SUPER	W. ABUT.	E. ABUT.	TOTALS
203.0270	REMOVING STRUCTURE OVER WATERWAY DEBRIS CAPTURE B-9-210	EACH	---	---	---	1
206.1001	EXCAVATION FOR STRUCTURES BRIDGES B-9-210	EACH	---	---	---	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	---	365	385	750
502.0100	CONCRETE MASONRY BRIDGES	CY		32.6	28.9	62
502.3101	EXPANSION DEVICE	LF	44	---	---	44
502.3111.S	EXPANSION DEVICE MODULAR	LF	44	---	---	44
502.3200	PROTECTIVE SURFACE TREATMENT	SY	3,095	10	10	3,115
502.3205	PIGMENTED SURFACE SEALER RESEAL	SY	545	---	---	545
502.3210	PIGMENTED SURFACE SEALER	SY	5	2	2	9
502.4206	ADHESIVE ANCHORS NO. 6 BAR	EACH	---	92	92	184
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	4,260	3,890	3,410	11,560
509.0301	PREPARATION DECKS TYPE 1	SY	171	---	---	171
509.0302	PREPARATION DECKS TYPE 2	SY	73	---	---	73
509.0505.S	CLEANING DECKS TO REAPPLY CONCRETE MASONRY OVERLAY	SY	3,094	---	---	3,094
509.1000	JOINT REPAIR	SY	51	---	---	51
509.1500	CONCRETE SURFACE REPAIR	SF	5	10	15	30
509.2000	FULL-DEPTH DECK REPAIR	SY	15	---	---	15
509.2100.S	CONCRETE MASONRY DECK REPAIR	CY	103.1	---	---	104
509.2500	CONCRETE MASONRY OVERLAY DECKS	CY	275	---	---	275
509.9005.S	REMOVING CONCRETE MASONRY DECK OVERLAY B-9-210	SY	3,094	---	---	3,094
514.0900	ADJUSTING FLOOR DRAINS	EACH	4	---	---	4
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	---	11	11	22
652.0125	CONDUIT RIGID METALLIC 2-INCH	LF	13	6	5	24
999.2000.S	INSTALLING AND MAINTAINING BIRD DETERRENT SYSTEM STA. 149+95.35 'EB'	EACH	1	---	---	1
SPV.0180	ABUTMENT SEAT CLEANING AND SEALING	SY	---	17	17	34
	NON-BID ITEMS					
	NAME PLATE					1

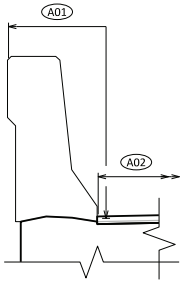
SCOPE OF WORK

- REMOVAL OF EXISTING CONCRETE OVERLAY AND PLACEMENT OF NEW OVERLAY.
- REPLACE EXISTING ABUTMENT BACKWALLS.
- REPLACE EXPANSION JOINTS AT EACH ABUTMENT.



10/07/2026

JLR
10/07/2026



PROTECTIVE SURFACE TREATMENT AND PIGMENTED SURFACE SEALER DETAIL

(A01) COAT WITH "PIGMENTED SURFACE SEALER" AS PER THE STANDARD SPECIFICATIONS ON THE ROADWAY FACE AND TOP OF THE NEW CONCRETE PARAPETS WITHIN THE JOINT REPAIR LIMIT. "PIGMENTED SURFACE SEALER RESEAL" SHALL BE APPLIED TO THE ROADWAY FACE AND TOP OF THE EXISTING PARAPETS AS PER THE STANDARD SPECIFICATIONS LOCATED WITHIN THE CONCRETE OVERLAY AREAS, EXCLUDING THE JOINT REPAIR SECTIONS.

(A02) COAT WITH "PROTECTIVE SURFACE TREATMENT " AS PER THE STANDARD SPECIFICATIONS . "PROTECTIVE SURFACE TREATMENT" SHALL BE APPLIED TO THE ENTIRE TOP SURFACE OF THE CONCRETE OVERLAY.

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS. DIMENSIONS HAVE BEEN CONVERTED FROM METRIC UNITS TO IMPERIAL UNITS.

PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE ENTIRE TOP OF THE NEW CONCRETE OVERLAY, JOINT REPAIR SECTIONS, AND TO THE HORIZONTAL AND VERTICAL SURFACES OF PAVING NOTCHES.

"PIGMENTED SURFACE SEALER" SHALL BE APPLIED TO THE ROADWAY FACE AND TOP OF THE NEW CONCRETE PARAPETS WITHIN THE JOINT REPAIR LIMIT. "PIGMENTED SURFACE SEALER RESEAL" SHALL BE APPLIED TO THE ROADWAY FACE AND TOP OF THE EXISTING PARAPETS IN THE DECK OVERLAY AREAS, EXCLUDING THE JOINT REPAIR SECTIONS.

SEAL OVERLAY CONSTRUCTION JOINTS ACCORDING TO SECTION 502.3.13.1 OF THE STANDARD SPECIFICATIONS. COST INCIDENTAL TO BID ITEM "CONCRETE MASONRY OVERLAY DECKS".

SEALING CONCRETE OVERLAY CRACKS WITHIN 7 DAYS OF CURE COMPLETION IS INCIDENTAL TO THE BID ITEM "CONCRETE MASONRY OVERLAY DECKS".

CLEAN AND FILL EXISTING LONGITUDINAL AND TRANSVERSE CRACKS WITH PENETRATING EPOXY AS DIRECTED BY THE FIELD ENGINEER.

THE AVERAGE OVERLAY THICKNESS IS BASED ON THE MINIMUM OVERLAY THICKNESS PLUS ½-INCH TO ACCOUNT FOR VARIATIONS IN THE DECK SURFACE.

PREPARATION DECKS TYPE 1, PREPARATION DECKS TYPE 2, AND FULL-DEPTH DECK REPAIR AREAS ARE BASED ON THE PLANS AND AS DETERMINED BY THE ENGINEER. DECK PREPARATION AND FULL-DEPTH DECK REPAIRS SHALL BE FILLED WITH "CONCRETE MASONRY OVERLAY DECKS".

PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM OVERLAY THICKNESS OF 1½" PLACED ABOVE THE DECK SURFACE AFTER SURFACE PREPARATION. EXPECTED AVERAGE OVERLAY THICKNESS IS 2". IF EXPECTED AVERAGE OVERLAY THICKNESS IS EXCEEDED BY MORE THAN ½", CONTACT THE STRUCTURES DESIGN SECTION.

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), CHIPPEWA COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES.

ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 18.

CONCRETE SURFACE REPAIR SHALL BE USED FOR NEEDED REPAIRS ALONG THE ABUTMENT FRONT FACES. LOCATIONS AND LIMITS OF REPAIRS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.

THE FIRST DIGIT OF A THREE DIGIT OR FIRST TWO DIGITS OF A FOUR DIGIT BAR MARK SIGNIFIES THE BAR SIZE.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS SHOWN OR NOTED OTHERWISE.

UTILIZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK, UNLESS SPECIFIED OTHERWISE.

THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OVERHEAD UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING THEIR OWN DETERMINATIONS AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.

ALL PREVIOUS PATCHES WILL BE REMOVED UNDER PREPARATION DECK BID ITEMS.

BEVEL EXPOSED EDGES OF CONCRETE ¾" UNLESS NOTED OTHERWISE.

THE COST FOR PARAPET REPLACEMENT WITHIN THE LIMITS OF JOINT REPAIR SHALL BE INCLUDED IN THE CUBIC YARD BID ITEM "CONCRETE MASONRY OVERLAY DECKS".

THE EXISTING CONCRETE OVERLAY SHALL BE REMOVED FROM THE BRIDGE DECK UNDER THE BID ITEM "REMOVING CONCRETE MASONRY DECK OVERLAY B-9-210".

THE COST FOR PARAPET REMOVAL WITHIN THE LIMITS OF JOINT REPAIR SHALL BE INCLUDED IN THE SQUARE YARD BID ITEM "JOINT REPAIR".

THE PAY LIMITS OF "REMOVING STRUCTURE" SHALL INCLUDE VOLUMES OCCUPIED BY EACH ABUTMENT BACKWALL.

THE PAY LIMITS OF "CONCRETE MASONRY BRIDGES" DO NOT INCLUDE AREAS OF JOINT REPAIR AS DENOTED IN THE PLANS.

THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES BRIDGES B-9-210" SHALL BE THE EXISTING GROUNDLINE.

AT THE BACK FACE OF ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL TYPE A.

THE QUANTITY FOR BACKFILL STRUCTURE IS CALCULATED BASED ON THE DETAIL SHOWN IN THE PLANS.

"CONCRETE MASONRY OVERLAY DECKS" SHALL INCLUDE ANY SAW CUTTING WORK REQUIRED TO COMPLETE "CONCRETE MASONRY OVERLAY DECKS". (2)

DESIGN DATA

LIVE LOAD:

DESIGN LOADING: HS-20
INVENTORY RATING: HS-22
OPERATING RATING: HS-38
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV): 250 (KIPS)

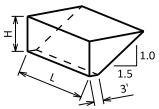
MATERIAL PROPERTIES:

CONCRETE MASONRY:
OVERLAY DECKS & JOINT REPAIR — f'_c = 4,000 PSI
ALL OTHER — f'_c = 3,500 PSI

BAR STEEL REINFORCEMENT
GRADE 60 — f_y = 60,000 PSI

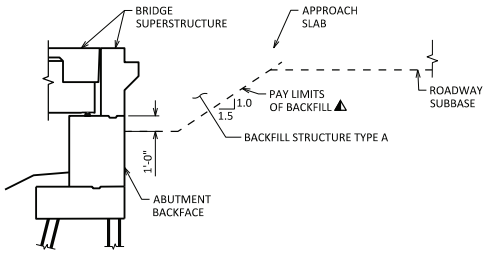
TRAFFIC DATA

FEATURE ON: STH 29 EB
ADT = 14,780 (2027)
ADT = 15,540 (2047)
R.D.S. = 70 MPH



ABUTMENT BACKFILL DIAGRAM

L = OUT TO OUT OF ABUTMENT BODY INCLUDING WINGS (FT)
H = AVERAGE ABUTMENT FILL HEIGHT FROM BEAM SEAT TO TOP OF BACKWALL (FT) PLUS ONE FOOT BELOW BEAM SEAT
EF = EXPANSION FACTOR (1.20 FOR CY BID ITEMS AND 1.00 FOR TON BID ITEMS)
V_{CF} = (L)(3.0')(H) + (L)(0.5)(1.5H)(H)
V_{CY} = V_{CF}(EF)/27
V_{TON} = V_{CY}(2.0)



TYPICAL SECTION THRU ABUTMENT

⚠ BACKFILL PAY LIMITS. BACKFILL BEYOND PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.

Addendum No. 02
ID 1050-02-73
Revised Sheet 138
October 8, 2026

NO.	DATE	REVISION	BY
(2)	10/7/26	ADD NOTE	CJM
(1)	10/6/26	REVISE QUANTITIES	CJM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STATE PROJECT NUMBER
1050-02-73

STRUCTURE B-9-210

DRAWN BY CJM | PLANS CK'D VJD/JMR

QUANTITIES AND NOTES

SHEET 2 OF 18

138

SCALE =

8

8