State of Vermont
Contract Administration
Barre City Place
219 North Main Street, Suite 105
Barre VT 05641
http://vtrans.vermont.gov

Agency of Transportation
Finance & Administration
[phone] 802-622-1285
[ttd] 800-253-0191

May 15, 2026

CO3275 – Northfield BF 0241(58)

ADDENDUM #2

Bidders:

Changes have been made to the documents located on the Bid Opportunity website as noted below:

REVISED:

Plan Sheet 6, 7, 50, 51, 59, 60, and 75.

Special Provisions Pages 1 and 27

The Scheule of items in the Proposal and Invitation for Bids.

ADDED:

Special Provisions Page 28 and 29

DELETED:

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES

1011 - ROADWAY	1013 - ROADWAY (NO FEDERAL/STA	1031 - TRAINING	1041 - LANDSCAPING	1051 - EROSION CONTROL	1081 - UTILITIES - BID ITEMS	1083 - UTILITIES - BID ITEMS (NO	1211 - BRIDGE NO. 1	1999 - FULL C.E. ITEMS
							225000	
1								
1200								
134								
15								
1950								
1000								
1								
1								
							940	
							760	
230								
							376	
							306	
							70	
							425	
							591	
							1	
							1	
	145792							
538624								
500								
1								
1								
1								
	240							
240								
	1							
				1				
				1				
							1	
848								
100								
155								
136								
220								
310								
1								
1								
							355	

TOTALS

GRAND TOTAL	FINAL
225000	
1	
1200	
134	
15	
1950	
1000	
1	
1	
940	
760	
230	
376	
306	
70	
425	
591	
1	
1	
145792	
538624	
500	
1	
~~1~~	
1	
240	
240	
1	
1	
1	
1	
848	
100	
155	
136	
220	
310	
1	
1	
355	

DESCRIPTIONS

UNIT	ITEMS	ITEM NUMBER	ROUND
DL	INCENTIVE OR DISINCENTIVE (N.A.B.I.)	199.8101	
LS	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS	201.1000	
CY	COMMON EXCAVATION	203.1500	
CY	SOLID ROCK EXCAVATION	203.1600	
CY	UNCLASSIFIED EXCAVATION	203.1700	
CY	UNCLASSIFIED CHANNEL EXCAVATION	203.2700	
CY	TRENCH EXCAVATION OF EARTH	204.2000	
CY	TRENCH EXCAVATION OF ROCK	204.2100	
CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.2200	
CY	STRUCTURE EXCAVATION	204.2500	
CY	GRANULAR BACKFILL FOR STRUCTURES	204.3000	
SY	COARSE-MILLING, BITUMINOUS PAVEMENT	210.1000	
LF	SOLDIER PILES FOR SOLDIER PILE AND LAGGING WALL	225.0300002	
LF	DRILLED HOLE IN EARTH FOR SOLDIER PILE AND LAGGING WALL	225.0300003	
LF	DRILLED HOLE IN ROCK FOR SOLDIER PILE AND LAGGING WALL	225.0300004	
SF	TIMBER LAGGING FOR SOLDIER PILE AND LAGGING WALL	225.0300005	
SF	CONCRETE FACING FOR SOLDIER PILE AND LAGGING WALL	225.0300006	
LS	RETAINING WALL, CONCRETE (WINGWALL 1)	225.0500	
LS	RETAINING WALL, CONCRETE (WINGWALL 4)	225.0500	
DL	DISPOSAL OF CONTAMINATED MATERIALS (N.A.B.I.) ((PCF)(N.A.B.I.))	230.0010	
DL	DISPOSAL OF CONTAMINATED MATERIALS (N.A.B.I.) (DEVELOPMENT SOIL)	230.0010	
CY	REUSE OF CONTAMINATED MATERIALS	230.0020	
LS	PROJECT OPERATIONS PLAN	230.0030	
LS	~~PROJECT OPERATIONS COMPLETION REPORT (EARTH CRUSHING FOR DISPOSAL ACC~~	~~230.0040~~	
LS	PROJECT OPERATIONS COMPLETION REPORT	230.0040	
HR	ENVIRONMENTAL OVERSIGHT ((PCF))	230.0050	
HR	ENVIRONMENTAL OVERSIGHT ((NON-PCF))	230.0050	
LS	MANAGEMENT OF CONTAMINATED GROUNDWATER (PCF)	230.0060	
LS	TEMPORARY ACCESS ROAD	240.0100	
LS	TEMPORARY CAUSEWAY	240.0200	
LS	CONSTRUCTION VIBRATION AND CRACK MONITORING	250.0100	
CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.3500	
CWT	TACK COAT, EMULSIFIED ASPHALT	404.1100	
TON	BITUMINOUS CONCRETE PAVEMENT, TYPE IIS, QA TIER III	406.0230	
TON	BITUMINOUS CONCRETE PAVEMENT, TYPE IIIS, QA TIER III	406.0330	
TON	BITUMINOUS CONCRETE PAVEMENT, TYPE IVS, QA TIER III	406.0430	
SY	BITUMINOUS CONCRETE PAVEMENT, NON-PAVER PLACED, TYPE IVS	406.3400	
DL	PAY ADJUSTMENT, BCP, MIXTURE PROPERTIES (N.A.B.I.)	406.9100	
DL	PAY ADJUSTMENT, BCP, MAT DENSITY (N.A.B.I.)	406.9200	
CY	PERFORMANCE-BASED CONCRETE, CLASS PCD	501.3700	

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

ADDENDUM	REVISION	PLOT DATE	DESCRIPTION	BY
2	1	14-MAY-2026	QUANTITY REVISED	S. BROWN

H&H

PROJECT NAME: NORTHFIELD
PROJECT NUMBER: BF 0241(58)

FILE NAME: z19j223quantities.dgn
PROJECT LEADER: K. SMITH
DESIGNED BY: S. BROWN
QUANTITY SHEET 1

PLOT DATE: 5/14/2026
DRAWN BY: C. JAMISON
CHECKED BY: K. SMITH
SHEET 6 OF 108

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 2

SUMMARY OF ESTIMATED QUANTITIES

1011 - ROADWAY	1013 - ROADWAY (NO FEDERAL/STA	1031 - TRAINING	1041 - LANDSCAPING	1051 - EROSION CONTROL	1081 - UTILITIES - BID ITEMS	1083 - UTILITIES - BID ITEMS (NO	1211 - BRIDGE NO. 1	1999 - FULL C.E. ITEMS
							145	
							364	
							335100	
							7800	
							~~96300~~ I07200	
							1	
							6144	
							5568	
							106	
							76	
							76	
							329	
							1	
							79	
2								
							224	
							98	
							30	
							1	
111								
70								
63								
1								
1								
2								
5								
2								
					1			
3								
156								
							180	
							240	
							840	
				1				
280								
33								
37								
170								
61								
25								

TOTALS

GRAND TOTAL	FINAL
145	
364	
335100	
7800	
~~96300~~ I07200	
1	
6144	
5568	
106	
76	
76	
329	
1	
79	
2	
224	
98	
30	
1	
111	
70	
63	
1	
1	
2	
5	
2	
1	
3	
156	
180	
240	
840	
1	
280	
33	
37	
170	
61	
25	

DESCRIPTIONS

UNIT	ITEMS	ITEM NUMBER	ROUND
CY	PERFORMANCE-BASED CONCRETE, CLASS PCS	501.3800	
LF	STEEL PILING, HP 12 × 84	505.1650	
LB	STRUCTURAL STEEL, PLATE GIRDER	506.5500	
LB	REINFORCING STEEL, LEVEL I	507.1100	
LB	REINFORCING STEEL, LEVEL II	507.1200	
LS	SHEAR CONNECTORS (1974 - 7/8 X 7IN)	508.1500	
SF	CONCRETE BRIDGE DECK SURFACE PREPARATION	509.1500	
SF	PRESTRESSED CONCRETE DECK PANELS	510.4000	
GAL	WATER REPELLENT, SILANE	514.1000	
LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.1000	
LF	JOINT SEALER, HOT POURED	524.1100	
LF	BRIDGE RAILING, TEXAS RAIL WITH WINDOWS	525.5200	
EACH	PARTIAL REMOVAL OF STRUCTURE	529.2000	
CY	CONCRETE, CLASS SCC	541.2800	
CY	FLOWABLE FILL	541.4500	
LF	PRE-EXCAVATION OF ABUTMENT PILES, EARTH	546.1000	
LF	PRE-EXCAVATION OF ABUTMENT PILES, ROCK	546.2000	
LF	PRE-EXCAVATION FOR PILES OBSTRUCTION DRILLING AND REMOVAL	546.3000	
LS	FURNISHING EQUIPMENT FOR PRE-EXCAVATION FOR PILES	546.4000	
LF	24 INCH CPEP	601.0920	
LF	30 INCH CPEP(SL)	601.2625	
LF	36 INCH CPEP(SL)	601.2630	
EACH	30 INCH CPEPES	601.7025	
EACH	36 INCH CPEPES	601.7030	
EACH	PRECAST REINFORCED CONCRETE DI WITH CAST IRON GRATE	604.1800	
EACH	PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE	604.2000	
EACH	CHANGING ELEVATION OF DIS, CATCH BASINS, OR MANHOLES	604.4000	
EACH	CHANGING ELEVATION OF SEWER MANHOLES	604.4200	
EACH	CAST IRON GRATE WITH FRAME, TYPE D	604.4504	
LF	UNDERDRAIN PIPE, 6 INCH	605.1006	
CY	E-STONE FILL, TYPE I	613.0601	
CY	E-STONE FILL, TYPE IV	613.0604	
CY	STONE FILL, TYPE IV	613.1004	
EACH	TEMPORARY RELOCATION OF STREAM	614.1000	
LF	VERTICAL GRANITE CURB	616.2100	
LF	REMOVING AND RESETTING CURB	616.4000	
LF	REMOVAL OF EXISTING CURB	616.4100	
SY	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	618.1005	
SY	PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH	618.1008	
SF	DETECTABLE WARNING SURFACE	618.3000	

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

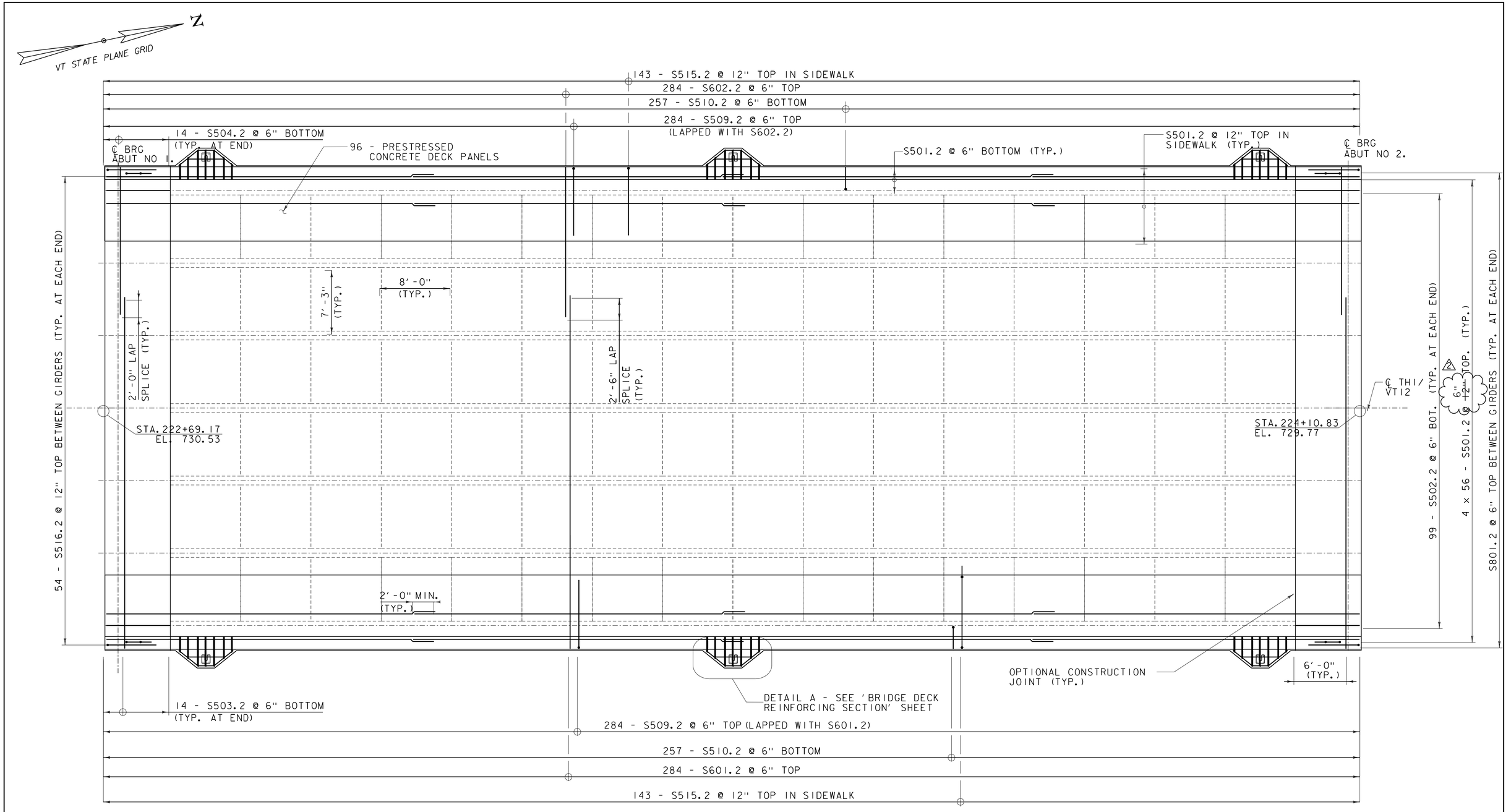
ADDENDUM	REVISION	PLOT DATE	DESCRIPTION	BY
2	1	14-MAY-2026	QUANTITY REVISED	S. BROWN

H&H

PROJECT NAME: NORTHFIELD
PROJECT NUMBER: BF 0241(58)

FILE NAME: z19j223quantities.dgn
PROJECT LEADER: K. SMITH
DESIGNED BY: S. BROWN
QUANTITY SHEET 2

PLOT DATE: 5/14/2026
DRAWN BY: C. JAMISON
CHECKED BY: K. SMITH
SHEET 7 OF 108



NOTES:

1. BRIDGE RAIL REINFORCEMENT NOT SHOWN FOR CLARITY. SEE 'BRIDGE RAILING DETAILS 1' AND 'BRIDGE RAILING DETAILS 2' FOR BRIDGE RAIL REINFORCEMENT DETAILS.
2. SEE 'ABUTMENT 1 REINFORCEMENT' AND 'ABUTMENT 2 REINFORCEMENT' FOR STEM REINFORCEMENT DETAILS.

DECK REINFORCEMENT PLAN

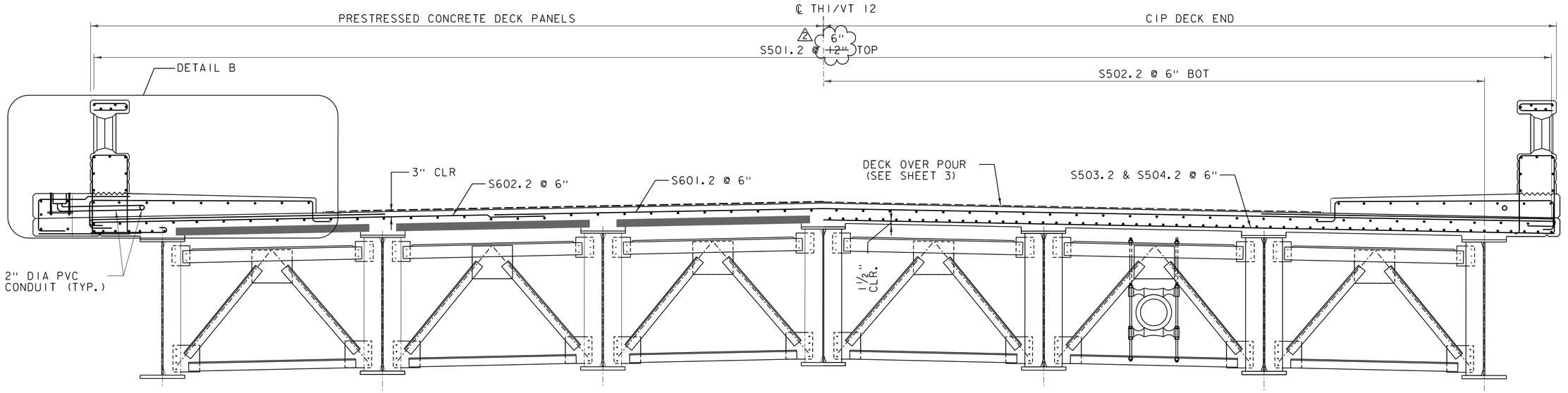
SCALE: 3/16" = 1'0"

ADDENDUM	REVISION	PLOT DATE	DESCRIPTION	BY
2	1	14-MAY-2026	REINFORCING REVISED	S. BROWN

H&H

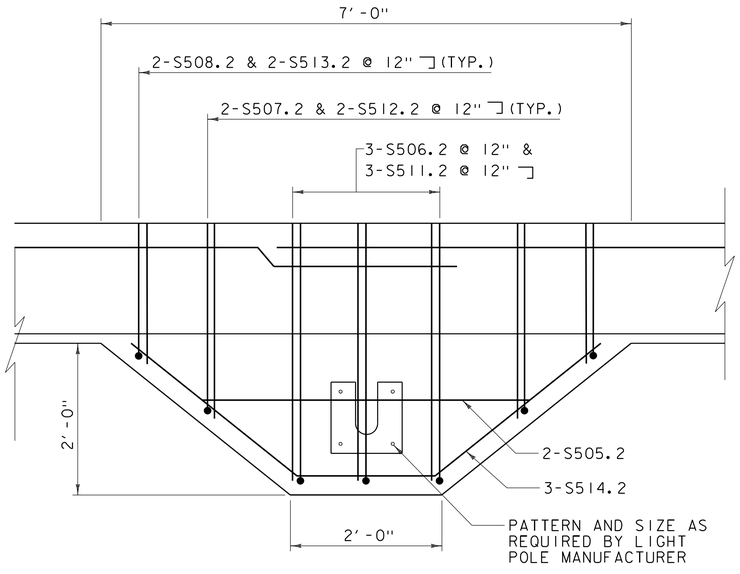
PROJECT NAME:	NORTHFIELD
PROJECT NUMBER:	BF 0241(58)

FILE NAME: z19j223sup.dgn	PLOT DATE: 5/14/2026
PROJECT LEADER: K. SMITH	DRAWN BY: C. JAMISON
DESIGNED BY: N. BOB	CHECKED BY: K. SMITH
BRIDGE DECK PLAN	SHEET 50 OF 108



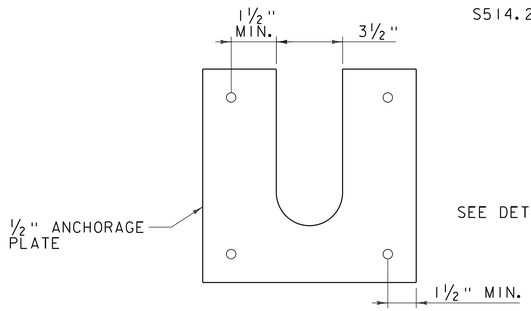
DECK REINFORCING SECTION

SCALE: ½"=1'0"



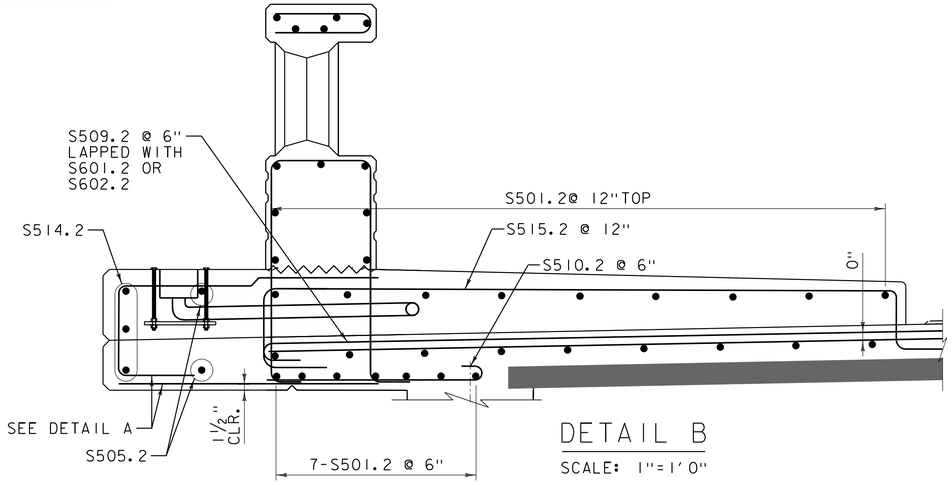
DETAIL A

SCALE: 1"=1'0"



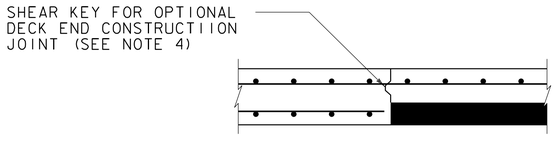
EMBEDDED LIGHT POLE ANCHORAGE PLATE DETAIL

SCALE: 3"=1'0"



DETAIL B

SCALE: 1"=1'0"



DECK END CONSTRUCTION JOINT DETAIL

SCALE: 1"=1'0"

NOTES:

1. SEE DRAWING 'BRIDGE RAILING DETAILS 1' AND 'BRIDGE RAILING DETAILS 2' FOR BRIDGE RAILING REINFORCEMENT DETAILS.
2. CLEAR COVER TO REINFORCEMENT OF 3" UNLESS NOTED OTHERWISE.
3. SEE DRAWING 'BRIDGE DECK PLAN' FOR LOCATION OF DETAIL A
4. SEE NOTE 28 ON 'GENERAL NOTES SHEET' FOR OPTIONAL DECK CONSTRUCTION JOINTS.

ADDENDUM	REVISION	PLOT DATE	DESCRIPTION	BY
2	1	14-MAY-2026	REINFORCING REVISED	S. BROWN

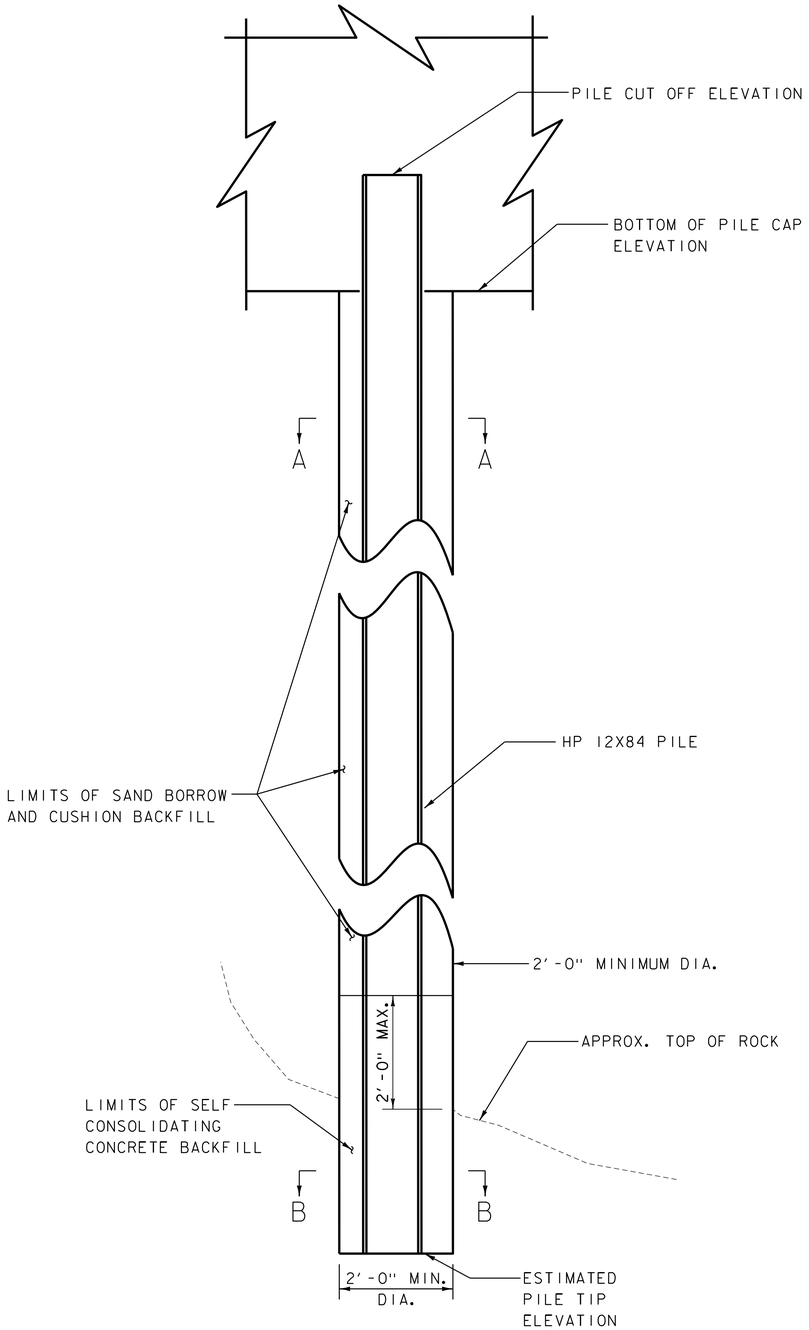
H&H

PROJECT NAME: NORTHFIELD

PROJECT NUMBER: BF 0241(58)

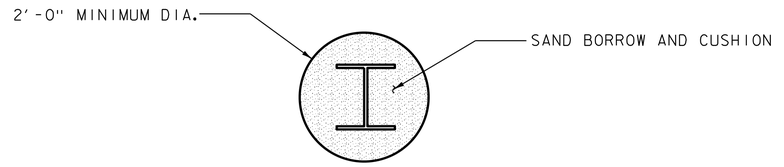
FILE NAME: z19j223sup.dgn
PROJECT LEADER: K. SMITH
DESIGNED BY: N. BOB
BRIDGE DECK REINFORCING SECTION

PLOT DATE: 5/14/2026
DRAWN BY: C. JAMISON
CHECKED BY: K. SMITH
SHEET 51 OF 108



TYPICAL ABUTMENT PILE SOCKET DETAIL

(NOT TO SCALE)



SECTION A-A

(NOT TO SCALE)

SECTION B-B

(NOT TO SCALE)

NOTES:

1. FOR WINGWALL PILE INFORMATION REFER TO 'WINGWALL PILE DETAIL SHEET'.
2. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IF ACTUAL TOP OF ROCK ELEVATIONS ARE OUTSIDE THE RANGES SHOWN IN THE ABUTMENT PILE SUMMARY TABLE.
3. (2) PILES WILL BE PLACED WITHIN THE PRE-EXCAVATED PILE SOCKETS, BASES CAST INTO CONCRETE, AND BACKFILLED UTILIZING SPECIFIED MATERIALS. SEATING THE PILES INTO THE BEDROCK SOCKETS WITH AN IMPACT PILE DRIVING HAMMER IS NOT REQUIRED.

ABUTMENT PILE SUMMARY TABLE

SUBSTRUCTURE UNIT	PILE SIZE	MIN. DRILL HOLE DIA. (FT)	ESTIMATED TOP OF ROCK ELEVATION (FT)		REQUIRED ROCK SOCKET LENGTH (FT)	ESTIMATED PILE TIP ELEVATION (FT)		PILE CUTOFF ELEVATION (FT)	NOMINAL AXIAL PILE DRIVING RESISTANCE (RNDR) (KIP)
			FROM	TO		FROM	TO		
ABUTMENT 1	HP 12x84	2	698.5	700.3	7	691.5	693.3	719.5	491
ABUTMENT 2	HP 12x84	2	701.6	706.0	7	694.6	699.0	718.5	493

ADDENDUM	REVISION	PLOT DATE	DESCRIPTION	BY
(2)	1	14-MAY-2026	NOTE ADDED	S. BROWN

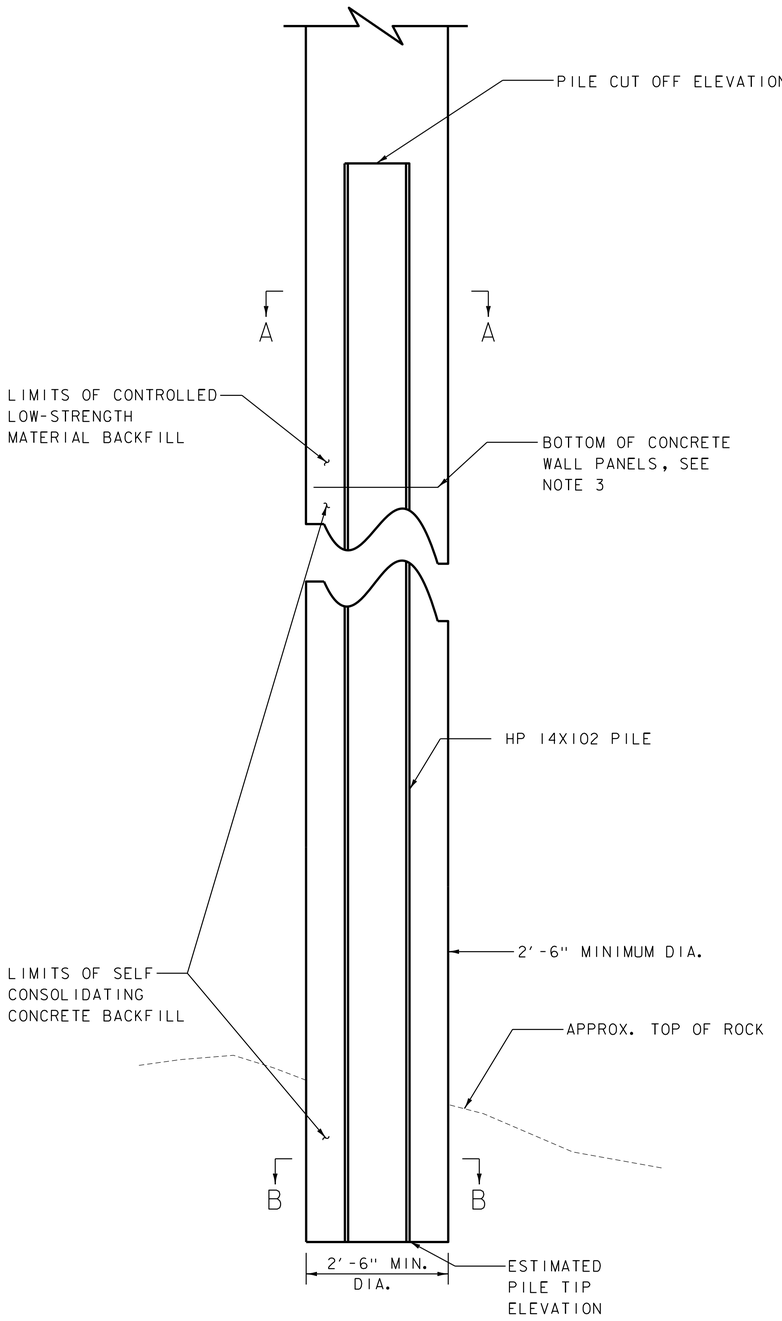
H&H

PROJECT NAME: NORTHFIELD

PROJECT NUMBER: BF 024I(58)

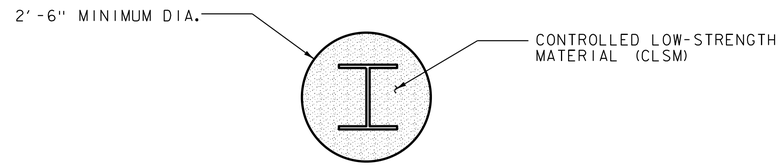
FILE NAME: zI9j223h_pile_grouting.dgn
PROJECT LEADER: K. SMITH
DESIGNED BY: S. BROWN
ABUTMENT PILE DETAIL SHEET

PLOT DATE: 5/14/2026
DRAWN BY: C. JAMISON
CHECKED BY: K. SMITH
SHEET 59 OF 108



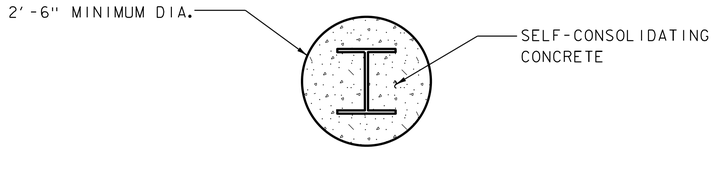
TYPICAL WINGWALL PILE SOCKET DETAIL

(NOT TO SCALE)



SECTION A-A

(NOT TO SCALE)



SECTION B-B

(NOT TO SCALE)

NOTES:

1. FOR ABUTMENT PILE INFORMATION REFER TO 'ABUTMENT PILE DETAIL SHEET'.
2. CONCRETE WALL PANELS NOT SHOWN FOR CLARITY.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF ROCK IS ENCOUNTERED 5'-0" OR GREATER BELOW THE ESTIMATED TOP OF ROCK ELEVATION AND ABOVE THE MAXIMUM PILE TIP ELEVATION IN SOIL SHOWN IN THE WINGWALL PILE SUMMARY TABLE. DRILLING OPERATIONS SHALL CEASE IF ROCK IS NOT ENCOUNTERED UPON REACHING THE MAXIMUM PILE TIP ELEVATION IN SOIL SHOWN IN THE WINGWALL PILE SUMMARY TABLE AND THE PILE MAY BE TERMINATED AT THAT ELEVATION.
4. PILES WILL BE PLACED WITHIN THE PRE-EXCAVATED PILE SOCKETS, BASES CAST INTO CONCRETE, AND BACKFILLED UTILIZING SPECIFIED MATERIALS. SEATING THE PILES INTO THE BEDROCK SOCKETS WITH AN IMPACT PILE DRIVING HAMMER IS NOT REQUIRED. (2)

WINGWALL PILE SUMMARY TABLE

SUBSTRUCTURE UNIT	PILE SIZE	MIN. DRILL HOLE DIA. (FT)	ESTIMATED TOP OF ROCK ELEVATION (FT)	REQUIRED ROCK SOCKET LENGTH (FT)	ESTIMATED PILE TIP ELEVATION IN ROCK (FT)	MAXIMUM PILE TIP ELEVATION IN SOIL (FT)
WINGWALL 2	HP 14X102	2.5	700.3	7	693.3	690.0
WINGWALL 3	HP 14X102	2.5	701.6	7	694.6	690.0

ADDENDUM	REVISION	PLOT DATE	DESCRIPTION	BY
(2)	1	14-MAY-2026	NOTE ADDED	S. BROWN

H&H

PROJECT NAME: NORTHFIELD

PROJECT NUMBER: BF 0241(58)

FILE NAME: z19j223h_pile_grouting.dgn
PROJECT LEADER: K. SMITH
DESIGNED BY: S. BROWN
WINGWALL PILE DETAIL SHEET

PLOT DATE: 5/14/2026
DRAWN BY: C. JAMISON
CHECKED BY: K. SMITH
SHEET 60 OF 108

STATE OF VERMONT
AGENCY OF TRANSPORTATION

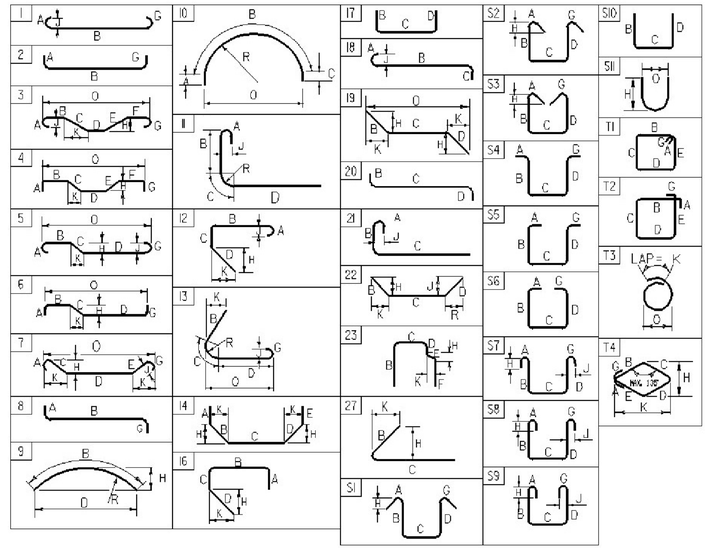
REINFORCING STEEL SCHEDULE

ITEM	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
	DECK																
2	636																
	352	5	36'-10"	S501.2	STR												
	198	5	6'-7"	S502.2	STR												
	28	5	40'-0"	S503.2	STR												
	28	5	16'-8"	S504.2	STR												
	12	5	4'-3"	S505.2	STR												
	18	5	3'-4"	S506.2	STR												
	12	5	2'-6"	S507.2	STR												
✳	13	5	1'-9"	S508.2	STR												
	568	5	11'-11"	S509.2	1	0'-11"	11'-0"					0'-0"		0'-0"			
	514	5	3'-4"	S510.2	1	0'-11"	2'-5"					0'-0"		0'-0"			
	18	5	5'-2"	S511.2	17		3'-4"	1'-2"	0'-8"								
	12	5	4'-4"	S512.2	17		2'-6"	1'-2"	0'-8"								
	12	5	3'-7"	S513.2	17		1'-9"	1'-2"	0'-8"								
	18	5	8'-6"	S514.2	22		2'-10"	1'-10"	2'-10"				1'-9"	1'-9"	2'-2"	2'-2"	
	286	5	11'-2"	S515.2	S5	0'-8"	1'-2"	8'-1"	0'-7"			0'-8"					
	108	5	7'-7"	S516.2	22		2'-9"	2'-1"	2'-9"				1'-11"	1'-11"	1'-11"	1'-11"	
	284	6	40'-0"	S601.2	STR												
✳	285	7	16'-8"	S602.2	STR												
	222	8	12'-5"	S801.2	S10		6'-0"	6'-5"	0'-0"								
	WINGWALL 2																
	9	5	21'-6"	2WW501.2	STR												
	20	5	7'-7"	3WW502.2	STR												
	17	5	21'-6"	3WW503.2	STR												
	5	5	9'-6"	3WW504.2	STR												
	9	5	23'-6"	2WW505.2	22		12'-9"	10'-9"	0'-0"				6'-10"	0'-0"	10'-9"	0'-0"	
	20	5	15'-6"	2WW506.2	T2	4'-0"	2'-9"	2'-7"	2'-9"	2'-7"		0'-10"					
	WINGWALL 3																
	6	5	25'-5"	3WW501.2	STR												
	24	5	4'-7"	3WW502.2	STR												
	18	5	7'-7"	3WW503.2	STR												
	6	5	30'-7"	3WW504.2	STR												
	26	5	11'-6"	3WW505.2	STR												
	9	5	32'-0"	3WW506.2	STR												
	3	5	10'-7"	3WW507.2	STR												
	3	5	19'-4"	3WW508.2	STR												
	9	5	18'-8"	3WW509.2	22		12'-7"	6'-1"	0'-0"				2'-2"	0'-0"	12'-5"	0'-0"	
	48	5	15'-6"	3WW510.2	T2	4'-0"	2'-9"	2'-7"	2'-9"	2'-7"		0'-10"					
	ABUTMENT 1																
	44	5	40'-0"	1A501.2	STR												
	23	5	17'-5"	1A502.2	STR												
	21	5	18'-3"	1A503.2	STR												
	54	5	8'-1"	1A504.2	STR												
	5	5	13'-9"	1A505.2	STR												
	5	5	38'-6"	1A506.2	STR												
	378	5	4'-6"	1A507.2	2	1'-0"	2'-6"					1'-0"					
	4	8	12'-5"	1A508.2	2	1'-0"	10'-5"					1'-0"					
	102	5	12'-8"	1A509.2	S10		5'-1"	2'-6"	5'-1"								
	7	5	5'-1"	1A510.2	2	1'-0"	3'-1"					1'-0"					
	28	5	5'-9"	1A511.2	2	1'-6"	2'-9"					1'-6"					
	106	8	13'-5"	1A801.2	21	1'-5"	1'-6"	10'-6"									
✳	103	8	12'-8"	1A802.2	S10		5'-1"	2'-6"	5'-1"								

ITEM	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
	ABUTMENT 2																
	44	5	40'-0"	2A501.2	STR												
	23	5	17'-5"	2A502.2	STR												
	21	5	18'-3"	2A503.2	STR												
	54	5	8'-0"	2A504.2	STR												
	5	5	13'-9"	2A505.2	STR												
	5	5	38'-6"	2A506.2	STR												
	378	5	4'-6"	2A507.2	2	1'-0"	2'-6"					1'-0"					
	4	5	12'-8"	2A508.2	2	1'-0"	10'-7"					1'-0"					
	102	5	13'-0"	2A509.2	S10		5'-3"	2'-6"	5'-3"								
	7	5	5'-1"	2A510.2	2	1'-0"	3'-1"					1'-0"					
	28	5	5'-9"	2A511.2	2	1'-6"	2'-9"					1'-6"					
	106	8	13'-8"	2A801.2	21	1'-5"	1'-6"	10'-8"									
	102	8	13'-0"	2A802.2	S10		5'-3"	2'-6"	5'-3"								
	APPROACH SLAB 1																
✳	22	5	37'-5"	1EAS501	STR												
	54	5	5'-7"	1AS502.2	11	0'-11"	1'-5"	0'-6"	2'-9"							0'-3"	
✳	46	9	19'-9"	1EAS901	1	1'-2"	18'-7"					0'-0"		0'-11"			
	APPROACH SLAB 2																
	21	5	37'-5"	2EAS501	STR												
	54	5	5'-7"	2AS502.2	11	0'-11"	1'-5"	0'-6"	2'-9"							0'-3"	
	45	9	19'-9"	2EAS901	1	1'-2"	2WW501.2					0'-0"		0'-11"			
	MOMENT SLAB																
▲	44	5	10'-10"	MS501.2	STR												
▲	100	5	10'-0"	MS502.2	STR												
▲	88	6	12'-5"	MS601.2	S10		0'-8"	1'-8"	10'-1"								
	BRIDGE RAIL																
	24	5	12'-10"	BR501.2	S5	0'-6"	5'-4"	1'-2"	5'-4"			0'-6"					
	48	5	8'-10"	BR502.2	S5	0'-6"	3'-4"	1'-2"	3'-4"			0'-6"					
	380	5	7'-7"	BR503.2	S5	0'-6"	2'-8"	1'-2"	2'-9"			0'-6"					

~ NOTES ~

1. UNLESS OTHERWISE DESIGNATED, ALL BAR REINFORCEMENT FOR CONCRETE IN SIZES UP TO AND INCLUDING NO. 18 SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATIONS FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT", AASHTO M 31 (ASTM A 615-SI). ALL BARS SHALL BE GRADE 60, UNLESS OTHERWISE DESIGNATED.
2. FOR TYPICAL BENDING DETAILS, RECOMMENDED PIN DIAMETER "D" OF BENDS AND HOOKS, AND OTHER STANDARD PRACTICE, SEE CURRENT CONCRETE REINFORCING STEEL INSTITUTE "MANUAL OF STANDARD PRACTICE".
3. BARS WHICH REQUIRE MORE ACCURATE BENDING THAN STANDARD PRACTICES SHOULD HAVE LIMITS INDICATED.
4. ALL DIMENSIONS ARE OUT TO OUT OF BAR EXCEPT "A" AND "G" ON STANDARD 180 DEGREE AND 135 DEGREE HOOKS.
5. "J" DIMENSION ON 180 DEGREE HOOKS TO BE SHOWN ONLY WHERE NECESSARY TO RESTRICT HOOK SIZE. OTHERWISE, STANDARD HOOKS ARE TO BE USED.
6. "H" DIMENSION ON STIRRUPS TO BE SHOWN ONLY WHEN NECESSARY TO MAINTAIN CLEARANCES.
7. WHERE SLOPE DIFFERS FROM 45 DEGREES, DIMENSIONS "H" AND "K" MUST BE SHOWN.
8. ▲ DENOTES BARS TO BE CUT IN FIELD.
9. ✳ DENOTES ONE EXTRA BAR ADDED FOR TESTING PURPOSES.
10. △ DENOTES TWO EXTRA BARS ADDED FOR TESTING PURPOSES.
11. E IN BAR MARK PREFIX DENOTES EPOXY COATED REINFORCING STEEL.



ASTM STANDARD REINFORCING BARS

BAR SIZE DESIGNATION	WEIGHT POUNDS PER FOOT	NOMINAL DIMENSIONS ROUND SECTION		
		DIAMETER INCHES	AREA INCHES 2	PERIMETER INCHES
#3	0.376	0.375	0.11	1.178
#4	0.668	0.500	0.20	1.571
#5	1.043	0.625	0.31	1.963
#6	1.502	0.750	0.44	2.356
#7	2.044	0.875	0.60	2.749
#8	2.670	1.000	0.79	3.142
#9	3.400	1.128	1.00	3.544
#10	4.303	1.270	1.27	3.990
#11	5.313	1.410	1.56	4.430
#14	7.65	1.693	2.25	5.32
#18	13.60	2.257	4.00	7.09

~ REINFORCING STEEL CORROSION RESISTANCE LEVEL ~

THE REINFORCING STEEL MARKS IN THIS SCHEDULE INDICATE THE REQUIRED BAR CORROSION RESISTANCE LEVEL. CORROSION RESISTANCE LEVEL IS DENOTED WITH A .2 FOR LEVEL TWO SUFFIX OR .3 FOR LEVEL THREE SUFFIX. .1 FOR LEVEL ONE IS TO BE OMITTED. THE BAR MATERIAL TYPE AND BAR STEEL GRADE PROVIDED FOR EACH CORROSION LEVEL WILL BE RECORDED ON THE PLAN SET PI SHEET FOR AS-BUILT RECORD PLAN ARCHIVES.

ADDENDUM	REVISION	PLOT DATE	DESCRIPTION	BY
2	1	14-MAY-2026	REINFORCING REVISED	S. BROWN

PROJECT NAME: NORTHFIELD
PROJECT NUMBER: BF 0241(58)

FILE NAME: z19j223rebar.dgn
PROJECT LEADER: K. SMITH
DESIGNED BY: S. BROWN
WINGWALL 3 DETAILS

PLOT DATE: 5/14/2026
DRAWN BY: D. WELLS
CHECKED BY: K. SMITH
SHEET 75 OF 108

SPECIAL PROVISIONS

1. NOTICE TO BIDDERS – CONTRACT COMPLETION DATE. This Contract shall be completed on or before October 29, 2027.

2. NOTICE TO BIDDERS – INCENTIVE/DISINCENTIVE (I/D). In accordance with Subsection 108.10 and as described below, there shall be an Incentive/Disincentive period on this Contract.

   (a) Dates and Meetings. The allowable I/D work period shall start at 7:00 a.m. and end 84 days later by 6:59 a.m. This 84 day work period is herein defined as the I/D period. The I/D period shall begin on June 1, 2027 at 7:00 a.m. and it shall end no later than August 24, 2027 at 6:59 a.m..

   During the I/D period, the Contractor will be allowed to work on the project for 24 hours per day, 7 days per week, including holiday periods. Night work will be allowed during the I/D period. See Notice to Bidders No. 4 & 5 for additional information and requirements regarding night work and noise restrictions.

   For this Contract, a public information meeting shall be held prior to the start of the I/D period, as described in Subsection 108.10(b).

   (b) Identified Work. All work identified below shall be completed before the end of the I/D period:

      (1) Bridge deck, bridge sidewalk, bridge rail, and approach slabs cast and cured for a minimum of 7 days, and attained the concrete compressive strengths specified in Subsection 501.16(b).

      (2) Restore Depot Square to original motor vehicle traffic flow configuration.

      (3) Type IIS base course and the Type IIIS intermediate course of pavement shall be placed and compacted through the project limits. Temporary pavement transverse tapers shall be installed at the begin and end of bridge deck, and at the existing pavement match locations.

      (4) Wingwalls #1 and #4 shall be installed and backfilled.

      (5) Construction of the portion of proposed water main that is supported by the superstructure.

      (6) The bridge and roadway shall be opened to two way traffic (two 12 foot lanes and two 2 foot shoulders) with temporary delineation.

52. NOTICE TO BIDDERS – SUBSECTION 103.04(e). Subsection 103.04(e) is hereby modified by deleting the sentence "Limits of coverage shall not be less than $2,000,000 per occurrence or claim and $2,000,000 in the aggregate." from the second paragraph and replacing it with the sentence "Limits of coverage shall not be less than $1,000,000 per occurrence or claim and $1,000,000 in the aggregate.".

53. NOTICE TO BIDDERS – SUBSECTION 230.05. Subsection 230.05 is hereby modified by being deleted in its entirety and replaced with the following:

SECTION 230.05 METHOD OF MEASUREMENT. The quantity of Disposal of Contaminated Materials (N.A.B.I.) to be measured for payment will be the cost, in dollars, of the work to reduce the size of stone within the material to a size that is acceptable to the disposal receiving facility, loading the material for disposal, trucking materials to a disposal facility plus the cost, in dollars, of disposing of the contaminated materials at the disposal facility. Costs will be calculated on a force account basis in accordance with Subsection 109.06. When performed by the Contractor, trucking costs will be calculated in accordance with Subsection 109.06(c) and labor costs will be calculated in accordance with Subsection 109.06(a). When performed by a subcontractor, trucking will be considered subcontracted work in accordance with Subsection 109.06(d). The cost of disposal, as determined from disposal facility receipts, will be considered subcontracted work in accordance with Subsection 109.06(d). Bills of lading or waste manifests, disposal facility receipts, and slips describing the type of trucking equipment and hours of use shall be furnished to the Engineer for each load delivered to a disposal facility.

The quantity of Reuse of Contaminated Materials to be measured for payment will be the number of cubic yards of material stockpiled and reused in the complete and accepted work.

The quantity of the Project Operations Plan and the Project Operations Completion Report will be paid for on a lump sum basis for the complete and accepted work.

The quantity of Environmental Oversight to be measured for payment will be the number of hours of field work as documented in the reviewed and accepted field reports.

When specified to be measured on a lump sum basis, the quantity of Management of Contaminated Groundwater to be measured for payment will be on a lump sum basis for the complete and accepted work.

When specified to be measured by volume, the quantity of Management of Contaminated Groundwater to be measured for payment will be the number of thousand gallons (MGAL) of water managed in the complete and accepted work.

54. <u>NOTICE TO BIDDERS – SUBSECTION 230.06</u>. <u>Subsection 230.06</u> is hereby modified by being deleted in its entirety and replaced with the following:

<u>SECTION 230.06 BASIS OF PAYMENT</u>. Payment for Disposal of Contaminated Materials (N.A.B.I.) will be full compensation for the work to reduce the size of stone within the material to a size that is acceptable to the receiving facility, loading the materials for disposal, trucking costs, disposal facility tipping fees, and district solid waste fees.

A value in dollars has been included in the bid proposal for Disposal of Contaminated Materials (N.A.B.I.). This amount will be adjusted to the actual cost of reducing the size of stone and unreinforced concrete within the material to a size that is acceptable to the receiving facility, loading the materials, trucking and disposal, after review and approval of trucking slips and paid invoices. No additional payment will be made under this item.

The accepted quantity of Reuse of Contaminated Materials will be paid for at the Contract unit price per cubic yard. Payment will be full compensation for handling, segregating, and installing the materials specified, and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work. Costs for the initial excavation of materials will be paid for under the appropriate excavation items included in the Contract.

The accepted quantity of Project Operations Plan will be paid for at the Contract lump sum price. Payment will be full compensation for preparing, submitting, and revising, based on Agency comments, a report that meets the requirements set forth in the Contract, and subsequent management of the project site, including protecting stockpiles, decontamination of trucks and equipment, coordination and other activities required to maintain the site in compliance with the POP.

The accepted quantity of Project Operations Completion Report will be paid for at the Contract lump sum price. Payment will be full compensation for completing any required waste profiles for receiving facility acceptance; reviewing manifests and bills of lading for contaminated soils; coordinating and administering documentation and reimbursement submittals; and for providing all labor, management, administration, laboratory analysis, and incidentals necessary to complete the work.

The accepted quantity of Environmental Oversight will be paid for at the Contract unit price per hour. Payment will be full compensation for preparing daily field reports, field screening of excavated soil, collection of all samples, documentation of dewatering and groundwater treatment activities, and for providing all labor, equipment, and supplies necessary to complete the work.

The accepted quantity of Management of Contaminated Groundwater will be paid for at the Contract lump sum price or at the Contract unit price per thousand gallons (MGAL), as applicable. Payment will be full compensation for mobilization, installation, startup, operation, maintenance, monitoring, demobilization, decontamination, and proper disposal

of all treatment media and residuals, and for providing all materials, labor, tools, equipment, and incidentals necessary to complete the work.

(a) Partial payments for Project Operations Plan will be made as follows:

(1) The first payment of 50% of the lump sum price will be paid upon acceptance of the Project Operations Plan by the Agency.

(2) The remaining 50% of the lump sum price will be paid when disposal activities are complete or stockpile areas have been closed out, whichever is later.

(b) Partial payments for Management of Contaminated Groundwater paid by the lump sum will be made as follows:

(1) The first payment of 50% of the lump sum price will be paid when the liquid treatment system is permitted, delivered to the site, and made fully operational.

(2) The remaining 50% of the lump sum price will be paid when the liquid treatment system is fully removed from the site and demobilized.