#### **MUNICIPAL OFFICES**



Town of Northfield, Vermont www.northfield-vt.gov

Phone 1-802-485-6121 Fax 1-802-485-8426

# 51 SOUTH MAIN STREET NORTHFIELD, VERMONT 05663

#### TOWN OF NORTHFIELD, VERMONT SELECT BOARD REGULAR MEETING Tuesday, July 22, 2025 COMMUNITY ROOM - 7:00 P.M.

This ZOOM meeting can be attended either in person or from your computer, tablet, or smartphone.

https://us06web.zoom.us/j/82649367556?pwd=MsGlh28QVuPJA9dFDy6zvnowkQK4lD.1

You can also dial in using your phone: 1-929-436-2866 Meeting ID: 826 4936 7556 Passcode: 580034

#### **AGENDA**

- I. ROLL CALL
- II. SET/ADJUST AGENDA
- III. PUBLIC PARTICIPATION (SCHEDULED):
  - a. Gary Laroche P.E., VTrans Project Manager: Main Street Bridge Replacement Project Update
  - b. Sherrie Tucker, RE Tucker, Inc.: Availability of Tucker Sand Pit for Municipal Purchase
  - c. Anne Donahue, Vermont State Representative: Habitat for Humanity
  - d. Tim Swartz, Accessibility, Walkability, and Pedestrian Safety Task Force: Pedestrian Safety Improvements (Warning Signs, Roadside Trimming, etc.)
  - e. Royal DeLegge, Planning Commission Chair: Town Forest Zoning Issues

#### IV. APPROVAL OF MINUTES

- a. July 8, 2025 (Regular Meeting)
- b. July 11, 2025 (Special Meeting)
- c. July 15, 2025 (Special Meeting)

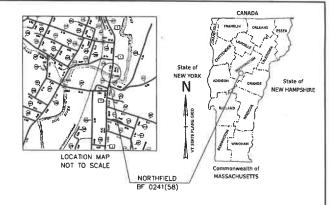
#### V. APPROVAL OF BILLS

- a. Approval of Warrant #02-26
- b. Receipt of Biweekly Payroll through July 6, 2025: \$117,300.71

#### VI. SELECT BOARD

- a. Board of Listers Appointment
- b. Ethics Training Requirements for Municipal Officers
- VII. TOWN MANAGER'S REPORT
- VIII. BOARD MEMBERS' COMMENTS, CONCERNS, QUESTIONS
- IX. PUBLIC PARTICIPATION (UNSCHEDULED)
- X. EXECUTIVE SESSION (IF NEEDED)
  - a. Legal/Personnel/Contracts [1 VSA 313 (a)(1)]
- XI. ADJOURNMENT





# PROPOSED IMPROVEMENT BRIDGE PROJECT TOWN OF NORTHFIELD COUNTY OF WASHINGTON

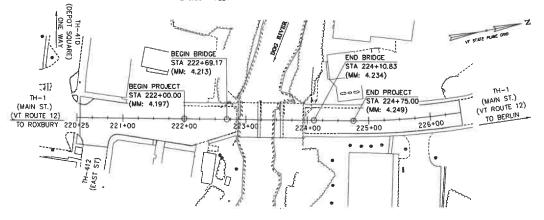
ROUTE NO: VT ROUTE 12, TH-1 MAIN ST. (CLASS 1), MAJOR COLLECTOR, BRIDGE NO: 60

PROJECT LOCATION:

LOCATED IN THE TOWN OF NORTHFIELD ON VT ROUTE 12, BRIDGE 50 OVER DOG RIVER, APPROXIMATELY 1.1 MILES NORTH OF THE JUNCTION WITH VT ROUTE 12A SOUTH,

PROJECT DESCRIPTION: REMOVAL AND REPLACEMENT OF BRIDGE NO, 60 WITH RELATED APPROACH ROADWAY AND CHANNEL WORK.

LENGTH OF STRUCTURE: 141.66 FEET LENGTH OF ROADWAY: 133.34 FEET LENGTH OF PROJECT: 275.00 FEET



SCALE 1" = 80'-0"

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLAIS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2021, AS APPROVED BY THE FEBERAL RIGHWAY ADMINISTRATION ON JUNE 27. 2023 FOR USE ON THE PROPECT, INCLUDING ALL SUSSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SECAL PROVISIONS AS ARE INCORPORATED IN THESE SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE

QUALITY ASSURANCE	PROGRAM: LEVEL	2
SURVEYED BY :	DUBOIS & KING	
SURVEYED DATE :	2019	
DATUM		
VERTICAL	NAVD88	
HODIZONTAL	NAD DE (2011)	

111H&H

HIGHWAY DIVISION, CHIEF ENGINEER

APPROVED

DATE

PROJECT MANAGER: GARY LARDCHE, P.E.

PROJECT NAME: NORTHFIELD

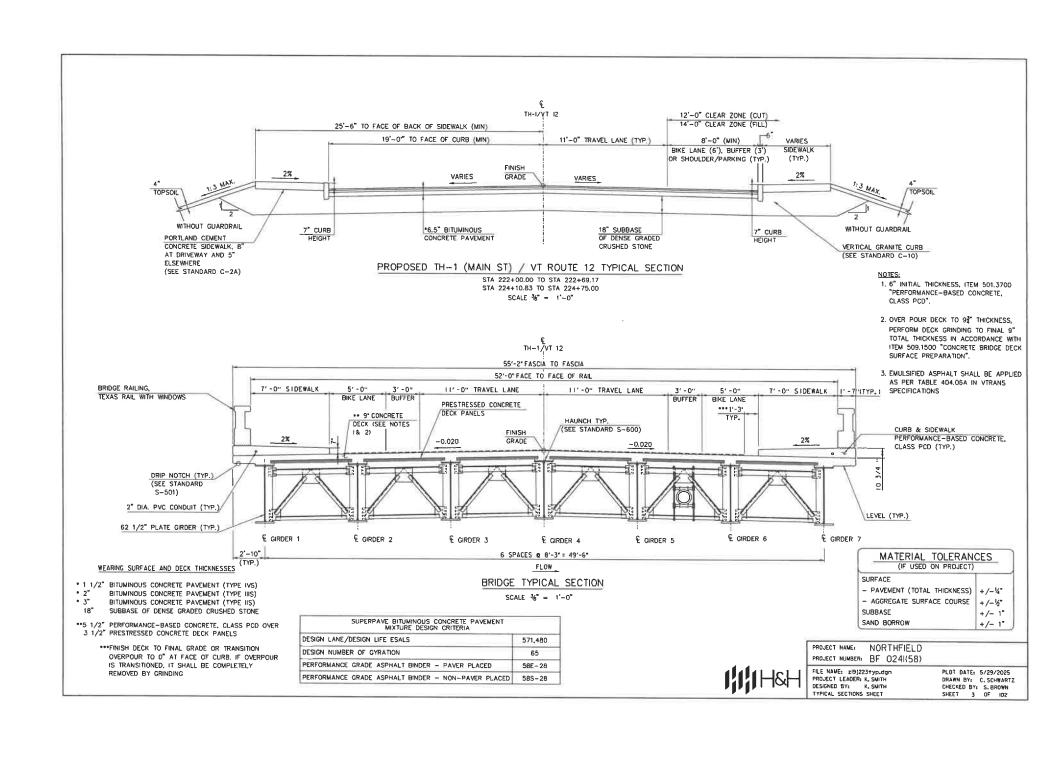
PROJECT NUMBER: BF 0241(Sa)

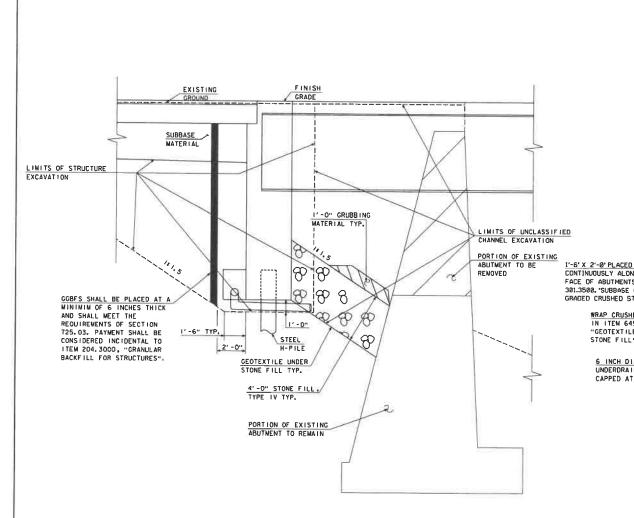
SHEET 1 OF 102 SHEETS

# PRELIMINARY INFORMATION SHEET (BRIDGE)

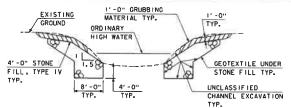
LRFD

					INDEX OF SHEETS			FINAL HYDE	RAULIC REPORT	
		LAN SHEET	rs			STANDARDS LIST			T	
	1 TITLE SHEET 2 PRELIMINARY INFORMATION	CHECT			C-2A	PORTLAND CEMENT CONCRETE SIDEWALK DRIVE ENTRANCES	10-14-2005	HYDROLOGIC DATA Date: 4/20/2022	PROPOSED STRUCTURE	
	3 TYPICAL SECTIONS SHEET				C-38 C-10	SIDEWALK RAMPS AND MEDIAN ISLANDS CURBING	02-17-2022 02-17-2022	DRANAGE AREA: 59.6 st. mi.	STRUCTURE TYPE: Single Spain	
1	4 EARTHWORK TYPICAL SECT 5 GENERAL NOTES SHEET	TION			E-10 E-12	ROULED EROSION CONTROL PRODUCT, TYPE I	04-07-2020	CHARACTER OF TERRAIN: Hilly to mountainous runsi watershed STREAM CHARACTERISTICS: Sinuous with wide floodplain	CLEAR SPAN(NORMAL TO STREAM):	137.0 ft.
•	8-8 QUANTITY SHEET 1-3				E-12 E-13	STABILIZED CONSTRUCTION ENTRANCE NLET PROTECTION DEVICE, TYPE 1	04-07-2020	NATURE OF STREAMBED : Cabble	VERTICAL CLEARANCE ABOVE STREAMBED:	16,1 ft. 1,384.0 mg, ft.
	9 EARTHWORK SHEET 10 CONVENTIONAL SYMBOLOG	VI COCKD			E-15	SLTFENCE	04-07-2020	PEAK FLOWDATA - ANNUAL EXCEEDANCE PROBABILITY (AEP)	WATERWAY OF FULL OPENING:	1,384.0 mg. ft.
	11 SURVEY TIE SHEET	LEGEND			E-121 E-131B	STANDARD SIGN PLACEMENT - CONVENTIONAL ROAD BICYCLE GUIDE SIGN DETAILS	08-08-1995 07-25-2024	43% = 2,200 cfs 2% = 8,000 / fs	WATER SURFACE ELEVATIONS AT:	
	12 LAYOUT SHEET 18 PROFILE AND BANKING DIAG	CDAIA			G-1	STEEL DEAL CHAPDOM DETAILS MOST DELEGATOR TOWN		10% = 3,800 cfs 1% = 7,100 cfs	43% AEP = 713.4 ft VELOCITY=	7.5 fos
	14 SIDEWALK LAYOUT SHEET	SPORM			G-1D G-19	STEEL BEAM GUARDRAIL DETAILS (FUS.), DELINEATURE, THYRAIL STEEL BEAM GUARDRAIL DETAILS (FUS.) TERMINAL, ANCHOR, M GENERIC GRADING PLANS FOR GUARDRAIL END TERMINALS	EDV 03-10-2017 10-02-2018	4% = 5.000 cfs 0.2% = 8,300 cfs	10% AEP = 714.7 ft.	9.1 fps
	15 TRUCK DETOUR ROUTE 16 LOCAL DETOUR ROUTE				5-400	BRIDGE JOINT ASPHALTIC PLUG	04-07-2020	DATE OF FLOOD OF RECORD:8/28/2011	4% AEP = 715.7 ft. 2% AEP = 716.5 ft.	9.9 fps 10.6 fm
	17 TRAFFIC CONTROL NOTES				S-500 S-501	CONCRETE DETAILS AND NOTES CONCRETE DETAILS AND NOTES	02-15-2023 02-15-2023	ESTIMATED DISCHARGE: Unknown	1% AEP = 717.2 ft.	11.1 fps
	18 LOCAL PEDESTRIAN DETOU	IR			8-800	STRUCTURAL DETAILS AND NOTES	02-15-2023	WAYER SURFACE ELEV: 721.7 ft. NATURAL STREAM VELOCITY: @ 2% AEF = 10.1 %e*	IS THE ROADWAY OVERTOPPED BELOW 1% AEP:	Mo
19.	27 LOCAL PEDESTRIAN DETOU 28 DRAINAGE LAYOUT SHEET	IR SHEET 1 - 9	1		S-801 T-1	STRUCTURAL STEEL PLATE GIRDER DETAILS AND NOTES TRAFFIC CONTROL GENERAL NOTES	02-15-2023	ICE CONDITIONS: Moderate	FREQUENCY: N/A	100
	29 DRAINAGE PROFILE				T-2	TRAFFIC SIGN GENERAL NOTES	04-25-2016 04-07-2020	DEBRIS: Moderate to Heavy DOES THE STREAM REACH MAXIMUM HIGHWATER ELEV, RAPIDLY? Unknown	RELIEF ELEVATION: N/A DISCHARGE OVER ROAD @ 1% AEP: N/A	
h	30 DRAINAGE DETAILS 31 DRAINAGE TABLES				T-10 T-42	CONVENTIONAL ROADS CONSTRUCTION APPROACH SIGNING BRIDGE NUMBER PLAQUE	08-06-2012	IS ORDINARY RISE RAPID? Unknown IS STAGE AFFECTED BY UPSTREAM OR DOWNSTREAM CONDITIONS? Yes		
	32 UTILITY LAYOUT SHEET				1-42	BRUSE NUMBER PLAQUE	04-09-2014	F YES, DESCRIBE: The image is controlled by an uncontrolled dam directly	BRIDGE LOW CHORD ELEVATION: FREEBOARD: \$\frac{1}{42} 2\text{M AEP} = 08.57 ft.	723.08 ft.
33	1-35 UTILITYDUCT BANK PLAN AN 38 UTILITYDUCT BANK SECTION	VID PROFILE - 1 N/S	1-3					downstream of the structure		
37 -	38 LIGHTING PLAN SHEETS 1 - 2	2						WATERSHED STORAGE: 1.0% HEADWATERS:	SCOUR: 7.0 ft.**	
	39 SIGN AND LINE LAYOUT SHEE 40 CROSSWALK DETAILS	ET						UNIFORM; X	REQUIRED CHANNEL PROTECTION: Stone Fill Type	· Man
	41 SIGN AND LINE TABLE SHEET	T						MMEDIATELY ABOVE SITE:		
	42 RAIL LAOUT SHEET 43 TEMPORARY PARKING LAYO							EXISTING STRUCTURE INFORMATION	PERMIT INFORMATION	
44	44 BORING LAYOUT SHEET	XII							AVERAGE DAILY FLOW:	DEPTH OR ELEVATION:
45-	-50 BORING LOG SHEET 1 - 6 51 BRIDGE DECK PLAN							STRUCTURE TYPE: 3-Spain Concrete T-Beam Bridge YEAR BUILT: 1926. Reconstructed in 1958	ORDINARY LOW WATER: - ORDINARY HIGH WATER: -	-
	52 BRIDGE DECK PLAN 52 BRIDGE DECK REINFORGING	SECTION						CLEAR SPAN(NORMAL TO STREAM): 105.0 ft.		
	53 BRIDGE DECK DETAILS							VERTICAL CLEARANCE ABOVE STREAMBED: 20.3 ft. WATERWAY OF FULL OPENING: 1,861.2 sq. ft.	TEMPORARY BRIDGE REQUIREME	INTS
	54 FRAMING PLAN 55 GRDER DETAILS							DISPOSITION OF STRUCTURE: Full Replacement	STRUCTURE TYPE: N/A	
	56 CAMBERTABLE							TYPE OF MATERIAL UNDER SUBSTRUCTURE: See Borings	CLEAR SPAN (NORMAL TO STREAM); N/A VERTICAL CLEARANCE ABOVE STREAMBED:	N/A
	57 APPROACH SLAB DETAILS S 58 ABUTMENT 1 PLAN SHEET	SHEET						WATER SURFACE ELEVATIONS AT:	WATERWAY AREA OF FULL OPENING: N/A	NA.
	50 ABUTMENT PILE DETAIL SHE 50 WINGWALL PILE DETAIL SHE	ET						43% AEP = 713.6 ft. VELOCITY = 8,9 fps	ADDITIONAL INFORMATION	
,	<b>61 ABUTMENT CONNECTION DE</b>	TAIL						10% AEP = 715,1 ft 8.4 fps		
	<b>62 ABUTMENT 1 REINFORCEME</b>	NT						4% AEP = 718.1 ft. 9.4 fps 2% AEP = 717.0 ft. 9.8 fps	* Natural velocity is slightly larger because deceleration occurs ** Assumes that existing abutments are larger and and scou	near bridge opening
-	63 WINGWALL 2 DETAILS 64 ABUTMENT 2 PLAN SHEET							1% AEP = 717.7 ft. 10.2 fps	***E-Stone Type IV is to be used for all in channel work	TO THE PARTY OF TH
, , ,	65 ABUTMENT 2 REINFORCEME 68 WINGWALL 3 DETAILS	INT						LONG TERM STREAMBED CHANGES: Unknown	TRAFFIC MAINTENANCE N	OTES
67-	-70 SOLDIER PILE WALL DETAILS	S 1 - 4							MAINTAIN TRAFFIC ON AN OFF SITE DETOUR.	
,	71 WINGWALLS 1 AND 4							IS THE ROADWAY OVERTOPPED BELOW 1% AEP: No	TRAFFIC SIGNALS ARE NOT NECESSARY.     SIDEWALKS ARE NECESSARY.	
, /2	74 BRIDGE RAILING DETAILS SH 75 MOMENT SLAB DETAILS SHE	EET1-3 FT						FREQUENCY: N/A	4. BICYCLES AND PEDESTRIANS WILL BE ACCOMMODA	TED
	76 RENFORCING STEEL SCHED	DULE						RELIEF ELEVATION: N/A DISCHARGE OVER ROAD @ 1% AEP: N/A	DESIGN VALUES	
"	83 ROADWAY CROSS SECTIONS 84 MATERIAL TRANSMION DIAGR	BSHEET1-7						The state of the s	1, DESIGNUME COAD 2, FUTURE PAVENENT	HL-93
85-	<b>94 CHANNEL CROSS SECTIONS</b>	SHEET 1 - 10						UPSTREAM STRUCTURE	3. DESIGN SPAN	dp: 2.5 INCH L: 140 FT
90-	96 EPSC NARRATIVE SHEET 1 -: 97 EPSC EXISTING SITE PLAN	2						TOWN: Northfield DISTANCE: 350.0 ft		
	88 EPSC CONSTRUCTION SITE F 99 EPSC FINAL SITE PLAN	PLAN						HIGHWAY#: NE Central Reilroad Roobury STRUCTURE #: Unknown CLEAR SPAN: Unknown CLEAR HEIGHT: Unknown	<ol> <li>MIN. MID-SPAN POS. CAMBER @ RELEASE (PRESTRE- 5. PRESTRESSING STRAND</li> </ol>	SSED UNITS) A:
100 - 1	99 EPSC FINAL SHE PLAN 01 EPSC DETAILS - 1 - 2							YEAR BUILT: Unknown FULL WATERWAY: Unknown	PRESTRESSED CONCRETE STRENGTH	f'o:
1	02 LANDSCAPE PLAN							STRUCTURE TYPE: Simple Span	7. PRESTRESSED CONCRETE RELEASE STRENGTH 8. S.P. (PERFORMANCE BASED CONCRETE, CLASS PCE	f'cf; f'c; 4.0 KSI
	DET	TAIL SHEET	rs					DOWNSTREAM STRUCTURE	9. S.P. (PERFORMANCE BASED CONCRETE, CLASS PCS	f'o; 3.5 KSI
_	DE1	AL VIILL						TOWN: Northfeld DISTANCE: 1.1 ml.	10. S.P. (FEW ORMANCE-BASED CONCRETE, CLASS PSS 11. CONCRETE, CLASS C	f'c: 4.0 KSI f'e: 3.0 KSI
								HIGHWAY#: VT-12 STRUCTURE#: BR 81	12. REINFORCING STEEL	fy: 60 KSI fy: 50 KSI
								CLEAR SPAN: 170. ft. CLEAR HEIGHT: UNKNOWN YEAR BUILT: 1977 FULL WATERWAY: Unknown	13. STRUCTURAL STEEL AASHTO M270, GR50W	
								STRUCTURE TYPE: 2 Spen Continuous Rolled Bearn	14. NOMINAL BEARING RESISTANCE OF SOIL 15. SOIL BEARING RESISTANCE FACTOR REFER TO AASI	qn;
									18. NOMINAL BEARING RESISTANCE OF ROCK	Bo:
								LRFD LOAD RATING FACTORS	17. ROCK BEARING RESISTANCE FACTOR (REFER TO AAS	SHTO LRFD  4:
								LOADING LEVELS H30 HL40 302 BALE SASM ALEM SASEM	18. PILE RESISTANCE FACTOR	ø: 0.65
								TONNAGE 20 36 36 65 30 34.5 38	19. LATERAL PILE DEFLECTION	Δ:
								NVENTORY 1,4	20. BASIC WIND SPEED 21. MINIMUM GROUND SNOWLOAD	V30:
								POSTING 1.48 2.12 2.61 4.41 3.80 3.83	22. SEISMIC DATA POA:	\$a:
								COMMENTS:	23	51:
									24.	
									25.	
								t to the second	MODILIE D	
				_					PROJECT NAME: NORTHFIELD	
				TF	RAFFIC DATA		AS BUILT "REBAR"	1	PROJECT NUMBER: BF 0241(58)	
YEAR	ADT DHV	% D	% T	ADDT	20 year ESAL for flexible pavement i	from 2024 to 2044 : 571480	TYPE: TYPE: TYPE:	1 41414 161 1		OT DATE: 5/29/2025
2024	4300 530	52	5.5	280	40 year ESAL for flexible pavement I	from 2024 to 2064 : 1361360	GRADE, GRADE: GRADE			AWN BYI D. WELLS
7044	4000 500				Autoral of the sale	- 27.75		1 ' ' ' ' '	DESIGNED BY: D. WELLS CH	ECKED BY: K, SMITH



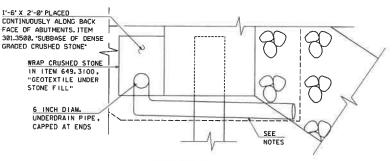


ABUTMENT EARTHWORK TYPICAL SECTION



## TYPICAL CHANNEL SECTION (NOT TO SCALE)

- I) GRUBBING MATERIAL SHALL BE PLACED UNDERNEATH STRUCTURES WHERE THERE IS MORE THAN 6 FEET VERTICALLY FROM ORDINARY HIGH WATER (OHW) TO THE BOTTOM OF SUPERSTRUCTURE AND MORE THAN 6 FEET HORIZONTALLY FROM OHW LINE TO FRONT FACE OF ABUTWENT. THIS MATERIAL SHALL START JUST ABOVE THE OHW ELEVATION AND TERMINATE 3 FEET HORIZONTALLY FROM THE FRONT FACE OF THE ABUTWENT. THIS MATERIAL SHALL NOT BE PLACED UNDERNEATH DOWNSPOUTS. SEE THE CHANNEL SECTIONS FOR ADDITIONAL OCTAILING.
- 2) WHENEVER CHANNEL SLOPE INTERSECTS ROADWAY SUBBASE, GRUBBING MATERIAL SHALL BEGIN AT THE BOTTOM OF SUBBASE.



### SUBSTRUCTURE DRAINAGE DETAIL

- 3)6" UNDERDRAIN OUTLET PIPE CONNECTED TO UNDERDRAIN AT BACK FACE OF ABUTMENTS. OUTLET PIPE TO BE WRAPPED IN ITEM 649.3100, "GEOTEXTILE UNDER STONE FILL" AND PLACED TO AVOID PILES AND CUSHION SAND.
- 4) SLOPE UNDERDRAIN PIPE AT A MINIMUM OF 1/8" PER FOOT.
- 5) UNDERDRAIN OUTLET PIPE TO TERMINATE A MINIUM OF 6"
  BEYOND GRANULAR BACKFILL FOR STRUM DAMAGE DURING PLACEMENT
  OF STONE FILL TYPE IV. ANY DAMAGED SECTIONS OF PIPE SHALL
  BE REPLACED TO THE SATISFACTION OF THE ENGINEER AND AT THE
  CONTRACTORS EXPENSE.
- 6) PAYMENT FOR ALL UNDERDRAIN PIPES SHALL BE UNDER ITEM 605. 1006, "UNDERDRAIN PIPE, 6 INCH".

PROJECT NAME: NORTHFIELD
PROJECT NUMBER: 8F 0241(58)
FILE NAME: z1912230+6.dgn

PROJECT LEADER: K. SMITH DESIGNED BY: K. HO EARTHWORK TYPICAL SECTION PLOT DATE: 5/29/2025 DRAWN BY: T, MARQUETTE CHECKED BY: C, JENNE SHEET 4 DF 102



#### GENERAL

- ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE STATE OF VERMONT ACENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION 2024, AND ITS LASTS REVISIONS, AND THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, DATED 2020.
- ALL DIMENSIONS SHOWN IN THE PLANS ARE HORIZONTAL OR VERTICAL AND ARE CIVEN AT 68 DEGREES FAHRENHEIT, UNLESS NOTED OTHERWISE.
- THE REMOVAL OF EXISTING STRUCTURE WILL BE PAID FOR UNDER ITEM 529.2000, PARTIAL REMOVAL OF STRUCTURE, THIS WORK SHALL INCLUDE BUT NOT BE LIMITED TO THE REMOVAL OF.
  - A. APPROACH SLABS
  - B. APPROACH RAILING AND BRIDGE RAILING
  - C. SIDEWALKS
  - D. DECK AND SUPERSTRUCTURE
  - E. PORTIONS OF EXISTING ABUTMENTS AND
  - WINGWALLS AS SHOWN IN THE PLANS
  - F. PORTIONS OF THE EXISTING WINGWALLS AND
  - RETAINING WALLS WITHIN THE LIMITS OF THE PROPOSED SUBSTRUCTURE
  - G. PIERS AND PIER FOOTINGS
- 4. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING ALL STACES OF CONSTRUCTION, COSTS FOR UTILITY PROTECTION SHALL BE CONSIDERED INCIDENTAL TO ALL PROJECT ITEMS. ANY DAMAGE TO UTILITIES SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AND AT THE CONTRACTOR'S EXPENSE.
- 5. THE EXISTING SIGN AT THE SOUTHEAST CORNER OF THE MYF MESCO REALTY, LLC. PROPERTY SHALL BE REMOVED AND RESET. THE PROPOSED LOCATION OF THE SIGN SHALL BE APPROVED BY THE ENGNEER. A TEMPORARY STANDALONE SIGN TO ADVERTISE FULL PRICES SHALL BE INSTALLED FOR THE DURATION THAT A PERMANENT SIGN IS NOT IN PLACE. THE TEMPORAY SIGN SHALL BE APPROVED BY THE ENDIFFER PRIOR TO INSTALLATION, PAYMENT FOR THE TEMPORARY AND PERMANT SIGNS SHALL BE INCLUDED UNDER TIEM 675.6000002, "REMOVE AND RESET PRIVATE SIGN ASSEMBLY, LICHTED".

#### TRAFFIC CONTROL

TRAFFIC MANAGEMENT WILL BE ACCOMPLISHED USING AN OFF-SITE LOCAL DETOUR ON WATER STREET AND WALL STREET, AND A TRUCK DETOUR ON VT-6471-897US-2 DURING A 12 WEER BRIDGE CLOSURE PERIOD. A BICYCLE/PEDESTRIAN DETOUR VIA LOCAL ROADS WILL BE SIGNED AS SHOWN, REFER TO "TRAFFIC CONTROL PLAN" SHEET FOR ADDITIONAL INFORMATION PETTAINNET OT TRAFFIC CONTROL PLAN"

- THE SIDEWALK AND CURB ADJACENT TO THE WESCO FUEL PUMP ISLAND WILL BE REMOVED TO MAINTAIN ACCESS TO THE FUEL PUMPS DURING THE BRIDGE CLOSURE PERROY.
- THE COST TO MAINTAIN ACCESS TO EACH PROPERTY WILL BE INCLUDED IN THE PAYMENT OF ITEM 64LIND. "TRAFFIC CONTROL, ALL-INCLUSIVE."

#### **EPSC**

 FOR THE WET CROSSING, ALL CONSTRUCTION EQUIPMENT SHALL BE CLEAN AND WELL MAINTAINED, FREE OF FLIEL, HYDRAULIC AND GEAR OIL LEAKS,

#### EARTHWORK AND RELATED ITEMS

IO. THE "STONE FILL TYPE IV" UNDER THE BRIDGE AS SHOWN IN THE PLANS SHALL BE PLACED BEFORE THE NEW STEEL CIRDERS ARE SET.

#### STRUCTURAL STEEL

- II. ALL FIELD CONNECTIONS SHALL BE MADE USING % DIAMETER BOLTS IN % = DIAMETER HOLES, PER SECTION SOGUE, UNLESS OTHERWISE SPECIFIED.
- 12. ALL WELDING SHALL CONFORM TO THE PROVISIONS OF SUBSECTION 506.10.
- ANY CONNECTIONS THAT ARE NOT DETAILED ON THE PLANS SHALL BE DETAILED BY THE FABRICATOR AND SUBMITTED TO THE STRUCTURE ENGINEER FOR APPROVAL.
- 14. STRUCTURAL STEEL MEMBERS DESIGNATED "CVN" IN THE PLANS SHALL BE CHARPY V-NOTCH TESTED IN ACCORDANCE WITH SUBSECTION 7/4.010F THE STANDARD SPECIFICATIONS.
- 15. END OF GIRDERS ARE TO BE VERTICAL IN THEIR FINAL POSITION.
- 16. AFTER SUPERSTRUCTURE STEEL HAS BEEN ERECTED, ELEVATIONS ALONG THE TOP OF THE ORDERS SHALL BE TAKEN AS DIRECTED BY THE RESIDENT ENDINEER, FOR USE IN DETERMINION THE HEIGHT OF DECK PANEL BEDDING STRIPS. AFTER THE DECK PANELS HAVE BEEN SET AND BEFORE THE HAUNCH POUR SE PLACED, THE CONTRACTOR SHALL RE-PROPILE THE TOP FLANCES OF THE GRIDER AS DIRECTED BY THE RESIDENT ENDINEER, FOR USE IN DETERMINING SCREED RAIL ELEVATIONS AND CHAIR HEIGHTS FOR REPROPICIES STEEL.

17. FLEMMOR BRACKETS OR SIMILAR FALSE WORK SHALL BE SPACED AS REQUIRED BY DESIGN BUT SHALL BE LIMITED TO A MAXMAIM SPACING OF 4 FEET, THE DESIGN OF FALSE WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL EXTEND AT LEAST 75% OF THE DEPTH OF THE WEB.

#### PAVEMENT

18. AT BEGIN AND END BRIDGE PRIOR TO GRINDING, THE 9½ DECK WILL BE 3½ HIGHER THAN THE WEARING COURSE, INSTALL A TEMPORARY TAPER OR WEDGE OF BITUMPOUS CONCRETE PAVEMENT AT A MINIMUM SLOPE OF 130 PRIOR TO ALLOWING TRAFFIC ON THE BRIDGE, TAPER AND/OR WEDGE SHALL BE REMOVED WHEN DECK CHRIDING OCCURS.

#### CONCRETE

- 19. THE APPROACH SLABS AND PORTIONS OF THE ABUTMENT BELOW THE BRIDGE SEAT ELEVATION SHALL BE PERFORMANCE-BASED CONCRETE, CLASS PCS AND SHALL BE PAID LINGER THEM 501,3800, "PERFORMANCE-BASED CONCRETE LCLASS PCS." DECK CONCRETE (INCLUDING THE ABUTMENT CONCRETE ABOVE BRIDGE SEAT OR CAPE ELEVATION, THE SIDEWALKS, AND NOWENT SLABS SHALL BE PERFORMANCE-BASED CONCRETE, CLASS PCD AND SHALL BE PAID UNDER TIEM 501,3700, "PERFORMANCE-BASED CONCRETE, CLASS PCD."
- 20. THE DECK SHALL BE CAST TO AN INITIAL THICKNESS OF 9½". AFTER THE DECK MAS CURED AND BRIDGE RAIL AND SCIUNTALK ARE INSTALLED THE ENTIRE BRIDGE DECK SURFACE AND PORTIONS OF THE BRIDGE APPROACHES SHALL BE CROWN FOR A RESULTING DECK THICKNESS OF 9 INCHES, PAYMENT WILL BE MADE UNDER THEM 509/500, "CONCRETE BRIDGE DECK SURFACE PERPARATION."
- 2L THE DECK SHALL BE POURED IN ONE CONTINUOUS POUR WITH A MAXIMUM OURATION OF EIGHT HOURS, EXCEPT FOR THE CLOSUME POUR SECTIONS AT THE ABUTMENTS WHICH SHALL BE PLACED AT LEAST 72 HOURS AFTER THE DECK POUR HAS BEEN COMPLETED, IF CHICLIMSTANCES BEYOND THE CONTRACTOR'S CONTROL PREVENT THE PLACEMENT IN ONE POUR, A TRANSVERSE CONSTRUCTION JOINT SHALL BE USED BETWEEN ADJACENT POURS, THE MINIMUM TIME DELAY BETWEEN ADJACENT DECK POURS SHALL BE INCLUDED IN THE CONTRACTOR'S PLACEMENT WETING.
- WATER REPELLENT, SILANE, SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES, EXCEPT THE UNDERSIDES OF THE DECK BETWEEN DRIP NOTCHES.
- JOINTS AND SCORE MARKS IN CONCRETE SHALL BE CONSTRUCTED AS SHOWN IN THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER,
- 24. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED I'X I'.

#### REINFORCING STEEL

- 25. ALL RENFORCING STEEL IN THE APPROACH SLABS SHALL MEET THE REQUIREMENTS FOR LEVEL IEPOXY COATED, ITEM SOTTIOD, "RENFORCING STEEL, LEVEL I (EPOXY COATED." ALL OTHER RENFORCING SHALL BE LEVEL II, IN ACCORDANCE WITH SECTION SOT OF THE STANDARD SPECIFICATIONS AND PAID FOR UNDER ITEM 507/2007, PRENFORCING STEEL, LEVEL II.
- 26. CUITING AND REPAIRING DAMAGED AREAS OF COATED REINFORCING STEEL SHALL BE PERFORMED IN ACCORDANCE WITH SUBSECTION 507.04 OF THE STANDARD SPECIFICATIONS.

#### INTEGRAL ABUTMENT PILES

- 27. FOR ESTIMATING PURPOSES, THE PILE TIP ELEVATIONS WERE ASSUMED AS SHOWN ON THE BORRING LOGS AND THE PROPOSED PILE SUMMARY TABLE, THE ACTUAL IN PLACE LENGTHS MAY VARY.
- PROPOSED PILES SHALL BE IN ACCORDANCE WITH SUBSECTION 730,01 OF THE STANDARD SPECIFICATIONS.
- 29. PILES SHALL BE PRE-DRILLED PER THE REQUIREMENTS OF ITEM \$46,000. PRE-EXCAVATION OF ABUTMENT PILES, ROCK\*10 THE DEPTHS \$40,2000. PRE-EXCAVATION OF ABUTMENT PILES, ROCK\*10 THE DEPTHS \$40MN ON THE PLANS, THE MINIMUM DIAMETER OF THE EXCAVATED HOLES FOR EACH PILE SHALL BE PER THE ABUTMENT PILE SUMMARY TABLE.
- 30. THE INTERIOR OF THE PRE-BORED HOLES SHOULD BE THOROUGHLY CLEANED OF SOIL AND DEBRIS PRIOR TO THE LOWERING OF THE PILE. A WEIGHTED TAPE SHOULD BE USED TO INSPECT THE BOTTOM OF THE HOLE FOR CLEANINESS.
- 3L. FOLLOWING THE PLACEMENT OF THE PILE, FILL THE ANNULUS BETWEEN THE PILE AND THE ROCK SOCKET WITH SELF-CONSOLDATING CONCRETE (SCC) BY GRAVITY FROM THE LOWEST POINT OF THE SOCKET LISING THE TREME METHOD, SCC PLACEMENT SHALL CONTINUE UNTIL UNCONTAMINATED CONCRETE SUPPASSES THE LIMITS OF THE ROCK SOCKET, BUT DOES NOT EXTEND PAST THE LIMITS OF SCC SHOWN ON THE ABUTMENT PILE DETAIL SHEET. THE TEMPORARY CASING SHOULD BE EXTRACTED WHILE PLACING THE SCC SUCH THAT THE BOTTOM OF THE TEMPORARY CASING IS AT THE TOP OF THE CONCRETED SOCKET.

#### INTEGRAL ABUTMENT PILES (CONTINUED)

- 32. AFTER THE SCC HAS CUPED, BACKFILL THE REMAINDER OF THE ANNULUS WITH CUSHION SAND AT ABILITMENT PIEL GOCATIONS WHILE SMULT JAMEOUSLY TREMOVING THE TEMPORARY CASING, CUSHION SAND SHALL MEET THE REQUIREMENTS OF SECTION 703,03 OF THE STAMMADD REFERENCES.
- CONCRETE SHALL ACHIEVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 5000 PSI AND MEET THE MATERIAL REQUIREMENTS OF STANDARD SPECIFICATIONS SECTION TOT, OILE).
- 34. ALLOW CONCRETED SOCKETS TO CURE FOR A MINIMUM OF 24 HOURS PRIOR TO PRE-EXCAVATING WITHIN 3 SOCKET DIAMETERS OR BACKFILLING THE REST OF THE PIE SOCKET
- 35. TOLERANCES FOR THE TOPS OF THE PILES AFTER BATTER AND ROTATION SHALL MEET THE REQUIREMENTS OF SECTION 505.048D. PILE PLACEMENT SHALL NOT VARY FROM THE POSITION SHOWN ON THE PLANS BY MORE THAN 3 INCHES.
- THE COMPRESSION RESISTANCE FACTOR FOR THE PROPOSED ROCK SOCKETS IS 0.50 FOR THE STRENGTH LIMIT STATE LOAD COMBINATION.

#### SOLDIER PILE RETAINING WALLS

- 37. WANGWALLS 2 & 3 SHALL BE SOLDIER PILE WALLS, PAYMENT FOR THESE WANGWALLS SHALL BE UNDER ITEM 225.0300001, "SOLDIER PILE RETAINING WALLS".
- CONTRACTOR SHALL SUBMIT THE ARCHITECTURAL CONCRETE FACING PATTERN TO THE ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTING.

#### WINGWALL PILES

- 39. FOR ESTIMATING PURPOSES, THE PILE TP ELEVATIONS WERE ASSUMED AS SHOWN ON THE BORNE LODS AND THE PROPOSED PILE SUMMARY TABLE, THE ACTUAL IN PLACE LENGTHS MAY YARY.
- 40. PROPOSED PILES SHALL BE IN ACCORDANCE WITH SUBSECTION 730.01 OF THE STANDARD SPECIFICATIONS.
- 41. PLES SHALL BE PRE-DRILED PER THE REQUIREMENTS OF ITEM \$66,000. PRE-EXCAVATION OF ABUTWENT PILES, EARTH, AND ITEM \$46,2000, PRE-EXCAVATION OF ABUTWENT PILES, NOCK TO THE IDEPTHS SHOWN ON THE PLANS. THE MINIMUM DIAMETER OF THE EXCAVATED HOLES FOR EACH PILE SHALL BE PER THE MINIMUM PILE SUMMARY TABLE.
- 42. THE INTERIOR OF THE PRE-BORED HOLES SHOULD BE THDROUGHLY CLEANED OF SOIL AND DEBRIS PRIOR TO THE LOWERING OF THE PILE. A WEIGHTED TAPE SHOULD BE USED TO INSPECT THE BOTTOM OF THE HOLE FOR CLEANLINESS.
- 43. FOLLOWING THE PLACEMENT OF THE PILE FILL THE AMMILIUS BETWEEN THE PILE AND THE ROCK SOCKET WITH SELF-COMSQUATING CONCRETE (SEC) BY GRAVITY FROM THE LOWEST POINT OF THE SOCKET USING THE TREME METHOD, THE SCC PLACEMENT SHALL CONTINUE UNTIL THE BOTTOM OF THE CONCRETE WALL PARELS AS SHOWN ON THE WINGWALL PILE DETAIL SHEET. THE TEMPORARY CASING SHOULD BE EXTRACTED WHILE PLACING THE SCC SUCH THAT THE BOTTOM OF THE TEMPORARY CASING IS AT THE TOP OF THE CONCRETED SOCKET.
- 44. AFTER THE SCC HAS CURED, BACKFILL THE REMAINDER OF THE ANNULUS WITH CONTROLLED LOW STRENGTH MATERIAL (CLSM) AT PILE LOCATIONS WHILE SIMULTANEOUSLY REMOVING THE TEMPORARY CASING, CUSHION SAND SHALL MEET THE REQUIREMENTS OF SECTION 703.03 OF THE STANDARD SPECIFICATIONS.
- CONCRETE SHALL ACHIEVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 5000 PSI AND MEET THE MATERIAL REQUIREMENTS OF STANDARD SPECIFICATIONS SECTION 707.01(E).
- ALLOW CONCRETED SOCKETS TO CURE FOR A MINIMUM OF 24 HOURS PRIOR TO PRE-EXCAVATING WITHIN 3 SOCKET DIAMETERS OR BACKFILLING THE REST OF THE PILE SOCKET.
- 47. TOLERANCES FOR THE TOPS OF THE PILES AFTER BATTER AND ROTATION SHALL MEET THE REDUREMENTS OF SECTION 505.048B, TUBERANCES FOR THE PLACEMENT OF THE WINCWALL PILES SHALL ALSO MEET THE REDUREMENTS OF SECTION 505.048B,
- 48. THE COMPRESSION RESISTANCE FACTOR FOR THE PROPOSED ROCK SOCKETS IS 0.50 FOR THE STRENGTH LIMIT STATE LOAD COMBINATION.



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

FILE NAME: zi9J223no+es.dgm PROJECT LEADER: K, SMITH DESIGNED BY: S. BROWN GENERAL NOTES SHEET PLOT DATE: 5/29/2025
DRAWN BY: C. JAMISON
CHECKED BY: K. SMITH
SHEET 5 OF 102

# QUANTITY SHEET 1

		30	MMA	RT OF ES	TIMATED QU	ANTITIES				тот	ALS	DESCRIPTIONS			
			Ц		1011 - ROADWAY	1031 - TRANING	EROSION CONTROL	1211 - BRIDGE NO. 1	1999 - FULL C.E. ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	TEM NUMBER	ROUNG
			4					80000		80000		DL	NCENTIVE OR DISINCENTIVE (N.A.B.L)	199,8101	
	-		-		1	-			1	1		LS	CLEARING AND GRUEBING, INCLUDING INDIVIDUAL TREES AND STUMPS	I 201.1000 I	
			-		1200					1200		CY	COMMON EXCAVATION	203.1500	
	1				5					5		CY	SOLID ROCK EXCAVATION	203.1600	
	1			····	15					15		CY	UNCLASSIFED EXCAVATION	203.1700	
					1950					1950		CY	UNCLASSFIED CHANNEL EXCAVATION	203.2700	
					900					900		CY	TRENCH EXCAVATION OF EARTH	204,2000	
					1	i				1		CY	TRENCH EXCAVATION OF ROCK	204.2100	
			-		1					1		CY	TRENCHEXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	1 1	
			$\exists$			-		748	1	748		CY		204.2200	
													STRUCTURE EXCAVATION	204.2500	
-1/4				_				698		698		CY .	GRANULAR BACKFILL FOR STRUCTURES	204,3000	
			7		230	1		-	1.	230		SY	COARSE-MILLING, BITUMNOUS PAVEMENT	210.1000	
								1 1	-	1		LS	RETAINING WALL, CAST-IN-PLACE CONCRETE (WINGWALL 2)	225.0300	· 
	<u> </u>					-i		1 1		1		LS	RETAINING WALL, CAST-IN-PLACE CONCRETE (WINGWALL 3)	225.0300	
	<u> </u>		-			-		1		1		LS	RETAINING WALL, CONCRETE (WINGWALL 1)	225.0500	
			-					1		1		LS	RETAINING WALL, CONCRETE (WINDWALL, 4)	225.0500	
			-		500000					500000		DL.	DISPOSAL OF CONTAMINATED MATERIALS (N.A.B.L)	230,0010	-
			1		1	-				1		LS	PROJECT OPERATIONS PLAN	230.0030	
44					1					1		LS	PROJECT OPERATIONS COMPLETION REPORT	230,0040	-
					480	1	-	†		480		HR.	ENVIRONMENTAL OVERSIGHT	000 0050	
			_		1					1.		LS	MANAGEMENT OF CONTAMINATED GROUNDWATER	230,0060	
					848					848		CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.3500	
			1		100					100		CWT	TACK COAT, EMULSIFIED ASPHALT	404.1100	
					155				-	155		TON	BITUMINOUS CONCRETE PAVEMENT, TYPE IS, QATTER II	406,0230	
					138				-	136	-2	TON	BITUMINOUS CONCRETE PAVEMENT, TYPE IIS, QATIER II	408.0330	_
					220					220		TON	BITUMINOUS CONCRETE PAVEMENT, TYPE IVS. QA TIER III		
			-		310	i				310		SY		406.0430	
			-	1						310		i	BITUMNOUS CONCRETE PAVEMENT, NON-PAVER PLACED, TYPE IVS	406.3400	
			1				1					OL	PAYADJUSTMENT, BCP, MIXTURE PROPERTIES (N.A.B.U)	406,9100	
		_						355		355		<u>cy</u>	PERFORMANCE-BASED CONCRETE, CLASS PCD	501,3700	
								145		145		CY	PERFORMANCE-BASED CONCRETE, CLASS PCS	501.3800	
			+				1	1 1		1		LS	FURNISHING EQUIPMENT FOR DRIVING PLING	504,1000	
			+					384		364		LF	STEEL PILING, HP 12 × 84	505,1650	
					-			.2		2		EACH	DYNAMIC PILE LOADING TEST	505,4500	
			+					327200		327200		LB	STRUCTURAL STEEL, PLATE GROER	506.5500	
			-					7800		7800		LB	REINFORCING STEEL, LEVEL I	507,1100	
			-					101100		101100		LB	RENFORCING STEEL, LEVEL II	507,1200	_
								1		1		LS	SHEAR CONNECTORS (1974 - 7/8 X 7/M)	508,1500	
		~						5384		5384		SF	CONCRETE BRIDGE DECK SURFACE PREPARATION	509.1500	
								5588		5568		SF	PRESMIELSED CONCRETE DECK PANELS	510.4000	
			-		_			50		50		GAL	WATER REPELLENT, SILANE	514.1000	

			DETAILED SUMMARY OF QUANTITIES
ROUND	QUANTITIES	UNIT	пеме
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			PALITA: A
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PROJECT NAME: NORTHFIELD
PROJECT NUMBER: BF 0241(58)

FILE NAME: zi9]223quan+1+lea.dgn PROJECT LEADER: K, SMITH DESIGNED BY: QUANTITIES SHEET I

PLOT DATE: 5/29/2025 DRAWN BY: C. JAMISON CHECKED BY: K. SMITH SHEET 6 OF IO2

# **QUANTITY SHEET 2**

19   19   19   19   19   19   19   19	s	UMMARY OF ESTIMATED QU	IANTITIES				тот	ALS	DESCRIPTIONS				
		1011 - ROADWAY	1031 - TRANING	EROSION		1909 - FULL C.E. ITEMS	GRAND TOTAL	FNAL	UNIT	пемѕ	TEM NUMBER ROUND		
1				-	76		76		L,F	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	1 516,1000		
					76		78		LF	JONT SEALER, HOT POURED	524,1100		
1					329		329		LF	BRIDGE RAILING, TEXAS RAIL WITH WINDOWS	525.5200		
24					1		1		EACH	PARTIAL REMOVAL OF STRUCTURE	529,2000		
10   10   15   15   15   15   15   15						ļi.	11		CY	FLOWABLE FILL, EXCAVATABLE	541,4600		
100   100					224		224		LF.	PRE-EXCAVATION OF ABUTMENT PILES, EARTH	546,1000		
170   170			į	i	98		98		LF	PRE-EXCAVATION OF ABUTMENT PILES, ROCK	546,2000		
10		110					110		LF	24 NCHCPEP	601,0920		
1   BACH SENDICIPEES   6917935   1   BACH SENDICIPEES   6917935   1   BACH SENDICIPEES   6917935   1   BACH SENDICIPEES   6917935   6917930   1   BACH SENDICIPEES   6917935   6917930   1   BACH SENDICIPEE (DWINNAST RONDATE DAMPS   6944900   1   BACH SENDICIPEE (DWINNAST RONDATE DAMPS   6944900   1   BACH SENDICIPEE (DWINNAST RONDATE DAMPS   6944900   1   BACH SENDICIPEE (BACH SENDICIPEE)   6945900   1   BACH SENDICIPEE (BACH SENDICIPEE)   6945900   1   BACH SENDICIPEE (BACH SENDICIPEE)   694500   1   BACH SENDICIPEE (BACH SENDICIPEE)   6944190   1   BACH SENDICIPEE (BACH SENDICIPEE)   6945000   1   BACH SENDICIPEE (BACH SENDICIPE)   69450		70	-		-		70		LF	30 NCH CPEP(SL)			
1		63					63		LF	38 NCH CPEP(SL)	601,2630		
1						-	1		EACH		1		
2							1		EACH	36 NCH CPEPES			
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		2											
3   SACH CAST RON GRATE WITH FRAME. TIPE D   694.6594     1990		2			7		2						
199		3											
189		158											
900   910   1810   CY STONE FIL TYPE   913 1004     1						-							
1					010								
280   LF VERTICAL GRANTE CUEB					- 010								
33   36   LF   REMOVING AND PESETTING CURB   016,4000		280	ļ <u>.</u>		-		1						
37													
170			-										
B1													
25 SF DETECTABLE WARNING SURFACE 618,000  20 LF CHANLINK FENCE, 8 FOOT 520,1006  20 LF REMOVAL OF EXISTING FENCE 620,5500  100 LF REMOVAL OF GUARDINAL 621,0100 620,0000  1 1 1 LS WATER MAN ON SRIDGE, ALL-INCLUSINE 629,1700002  1 1 1 LS TESTING EQUIPMENT, CONCRETE 631,1600  1 1 LS TESTING EQUIPMENT, CONCRETE 631,1600  1 1 LS TESTING EQUIPMENT BITUINNOUS 631,1700  3000, 3000 DL FIELD OFFICE COMMANICATIONS (NA.B.L) 631,2600  14 EACH CPM SCHEDULE 633,1000													
20 LF CHANLINK FENCE & FOOT 520.1006  20 LF REMOVAL OF EXISTING FENCE 520.5500  100 LF REMOVAL OF GUARDIPAL 521.0100 521.0100 521.0100 100 LF REMOVAL OF GUARDIPAL 521.0100 52													
20													
100													
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1	1								i		
1   1   LS   FIELD OFFICE_ENGINEERS   651,1000     1   1   LS   TESTING EQUIPMENT, CONCRETE   651,1000     1   1   LS   TESTING EQUIPMENT, DITUMNIQUES   651,1700     1   1   LS   TESTING EQUIPMENT, BITUMNIQUES   651,1700     5009   3000   DL   FIELD OFFICE COMMUNICATIONS, (NA.B.L)   631,2800     14   EACH   CPM SCHEDULE   633,1000     520   520   HR   EMPLOYEE TRANSESHIP   634,1000		100				-					;		
1   1   LS TESTING EQUIPMENT, CONCRETE   651,1900     1   1   LS TESTING EQUIPMENT, BITUINNOUS   631,1700     3000   3000   DL FIELD OFFICE COMMUNICATIONS (NA.B.L)   631,2600     14   14   EACH CPM SCHEDULE   633,1000     520   520   MR EMPLOYEE TRANSESHIP   654,1000			ļ	11			1				829.1700002		
1 1 LS TESTING EQUIPMENT BITURNOUS 631,1700  3009 3000 DL FIELD OFFICE COMMUNICATIONS (NA.BA) 631,2600  14 14 EACH CPM SCHIEDLUE 633,1000  520 FS20 HR EMPLOYEE TRANSESHIP 654,1000						1	1		LS	FIELD OFFICE, ENGINEER'S	831.1000		
3009   3000   DL FIELD OFFICE COMMUNICATIONS (IN A.B.L.)   631,2800			-			1 -	1		LS	TESTING EQUIPMENT, CONCRETE	631,1600		
14 14 EACH CPM SCHEDULE 633,1000 520 HR EMPLOYEE TRANSESHIP 634,1000						1 :	1		LS	TESTING EQUIPMENT, BITUMINOUS	. 631.1700		
\$20 S20 HR EMPLOYEETRANESHP 634,1000						3000	3000		DL	FIELD OFFICE COMMUNICATIONS (N.A.B.I.)	631,2600		
		14					14		EACH	CPM SCHEDULE	633,1000		
			520				520		HR	EMPLOYEE TRAINEESHIP	634,1000		
1 IS MOBILIZATION 635.1100		1	-				7		LS	MOBILIZATION/DEMOBILIZATION	635.1100		
1 I.S TRAFFIC CONTROL ALL-NICLUSINE 641,1100		1	-				1		LS.	TRAFFIC CONTROL, ALL-NCLUSIVE	641,1100		
1 1 LS MANTENANCE OF PEDESTRIAN TRAFFIC 641,1200		1	1				1		LS	MAINTENANCE OF PEDESTRIAN TRAFFIC	641.1200		
1850 1850 LF DURAIRE 4 INCH VHITE LINE EPDXY PARIT (848.4030)		1850					1850	LF DURABLE 4 INCH WHITE LINE, EPOXY PAINT		648.4030			
1120 1120 LF OURABLE 4 INCH YELLOWLINE, EPOXYPANT 548,4130		1120					1120		LF	DURABLE 4 INCH YELLOWLINE, EPOXY PAINT	848,4130		

QUANTITIES	UNIT	NEMS
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PROJECT NAME: NORTHFIELD
PROJECT NUMBER: BF 0241(58)

FILE NAME: 219J223quon+1+1es.dgn PROJECT LEADER; K. SMITH DESIGNED BY: QUANTITIES SHEET 2

PLOT DATE: 5/29/2025
DRAWN BY: C. JAMISON
CHECKED BY: K. SMITH
SHEET 7 OF IO2

# **QUANTITY SHEET 3**

	SUMM	IARY OF ES	TIMATED QU	ANTITIES				тот	ALS		DESCRIPTIONS		
			1011 - ROADWAY	1031 - TRAINING	EROSION CONTROL	1211 - BRIDGE NO. 1	1999 - FULL C.E. ITEMS	GRAND TOTAL	FNAL	UNIT	пемѕ	ITEM NUMBER	ROUNG
			1280		1,232/1/202			1280		LF	DURABLE 6 INCH WHITE LINE, EPOXY PAINT	848.4230	
			12					12		EACH	DURABLE LETTER OR SYMBOL EPOXYPAINT	646,4930	1
			80					80		LF	DURABLE CROSSWALK MARKING, THERMOPLASTIC	648,5020	
					+ -	685		885		SY		649.3100	1
 					1780		-	1780		SY		651,1500	1
					198			198		CY	TOPSOIL	851,3500	
				-!	510			510	^	SY	GRUBBING MATERIAL	651,4000	ļ
					1			1		LS	EPSC PLAN	653,0100	
					80		<del>-</del>	- 80		HR	MONITORING EPSC PLAN	653.0200	
					3000	-		3000	-	DI,	MAINTENANCE OF EPSC PLAN (N.A.B.L)	653.0300	
							-			TON	HAYMULCH	853.1000	
					282		- 1	282		SY	101	653,2001	
					120			120		CY	STABILIZED CONSTRUCTION ENTRANCE	:	
			-		10			10			MLET PROTECTION DEVICE, TYPE I	653.3500	ļ
					3			3				653,4002	
					1 260					EACH	FILTER BAG	853,4500	
								260		LF	SILT FENCE, TYPE II	853,4702	
					600			600		LF	BARRIER FENCE	653,5000	i
			1					1		LS	TREE PROTECTION	656.8500	
			45					45 _		SF	TRAFFIC SIGN, FLAT SHEET ALUMINUM	675,2000	
			87	1				87		LF	SQUARE TUBE SIGN POST AND ANCHOR	875,3410	
			2	-				2		EACH	FOUNDATION FOR TUBULAR STEEL POST	675.4300	
- 1			3	-				3		EACH	SIGN REMOVAL, FLAT SHEET ALUMINUM	675.5000	
			4	-				4		EACH	RESETTING SIGNS	875,6000	
			- 1					1		EACH	REMOVE AND RESET PRIVATE SIGN ASSEMBLY, LIGHTED	675.60000002	2
			4					4		EACH	DELINEATOR WITH STEEL POST	676,1000	
			1					1		EACH	REMOVE AND RESET LIGHT POLE	679.2500	
			1					1		DI.	PRICE ADJUSTMENT, ASPHALT (N.A.B.I.)	690,0300	
 	***				1 3			300		DL	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	1 890,0400	
			20					20		LF	F-184-5.1 FENCE	699.5150	
				-								10002130	
7.0													
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	DETA	ULED SUMMARY OF QUANTITIES
QUANTITIES	UNIT	mems .
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PROJECT NAME: NORTHFIELD PROJECT NUMBER: BF 0241(58)

FILE NAME: 2191223quantities.dgn PROJECT LEADER: K. SMITH DESIGNED BY: QUANTITIES SHEET 3

PLOT DATE: 5/29/2025 DRAWN BY: C. JAMISON CHECKED BY: K. SMITH SHEET 8 OF 102

			RANS										4R		1 1			7.1	10									
		TOTAL EX	CAVATION RTH	EXCA	OCK VATION	EMBA	NKMENT					TOTAL EX	CAVATION RTH	EMBAN	KMENT	RO ENCA!	CK /ATION			SUMMARY AND BALANCES								
TATION	DIST	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME	STATION	DIST	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME	STATION TO STATION	TOT EXC. EARTH	ROCK EXCAV	EMBANK	EXCE	SSES	ACUMULATIV	E EXCESSES	
_	FT.	8.F.	C.Y.	S,F,	C.Y.	\$.F,	C.Y.	δ.F.	C.Y.		FT.	8.F.	C.Y.	8.F.	C.Y.	S.F.	C,Y.	8.F.	C.Y.		C.Y.	C.Y.	C.Y.	CUT	FILL	CUT	FILL	
AIN ST	(VT 12)	-					1			DOG RIVER	CHANN	EL}								N MAIN ST (VT 12)				*****				
0+30		D.0		-	-	0.0	-	_		50+00	-	.0.0	-	0.0					-	220+30 222+69 224+11 226+50	878 607	2.5	0	881 610				
0+50	20	0.0	0.0	_		0.0	0.0			50+25	25	0.0	0.0	0.0	700		1111			DOG RIVER (CHANNEL)								
	25		0.0				0.0				25		0.0		0.0					50+00 52+59	1921	0	0	1921				
20+75	25	0.0	0.0		-	0.0	0.0	-		50+50	43	0.0	0.0	0,0	0.0						_							
1+00	25	0.0	4,4			0.0	0.0			50+93	7	0.0		0.0														
21+25		9.5			1	0.0			-	51+00		228.3	29.6	0.0	0.0													
21+50	25	10.9	9.4	-		0.0	0.0			51+10	10	320.7	101.7	0.5	0.1													
21+75	25 _		39.3_		-		0.0				10		174.4		0.4													
	25	73.9	94.3		1	0.0	0.0	-		51+20	10	820,9	191,1	1,9	0.4						-		_					
22+00	50	129.B	278,3		1	0.0	0.0			51+30	10	411.2	-	0.0							1907 - 179g-10-							
222+25	30	162.7	1		1	0.0	1 0.0			51+40	10	419.5	153.8	0.0	D,0						_			_				-
222+50	44	170.B	313.5		···	0.0	0.0			51+50	_10_	428.6	157.1	00	0.0		-								9			
	19		1 139.0				0.0				10		160,1		0.0													
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1111H&H

PROJECT NAME: NORTHFIELD
PROJECT NUMBER: BF 024I(58)

FILE NAME: 219 J223 ews.dgn PROJECT LEADER: K. SMITH DESIGNED BY: K. HO EARTHWORK SHEET

PLOT DATE: 5/29/2025 DRAWN BY: J. DIAZ CHECKED BY: C. JENNE SHEET 9 OF IO2

#### GENERAL INFORMATION

#### SYMBOLOGY LEGEND NOTE

THE SYMBOLOGY ON THIS SHEET IS INTENDED TO COVER STANDARD CONVENTIONAL SYMBOLOGY, THE SYMBOLOGY IS USED FOR EXISTING & PROPOSED FEATURES WITH HEAVIER DSED FOR EXISTING & PROPUSED FEATURES WITH REAVEL LINEWEIGHT, IN COMBINATION WITH PROJECT ANNOTATION, AS NOTED ON PROJECT PLAN SHEETS, THIS LEGEND SHEET COVERS THE BASICS, SYMBOLOGY ON PLANS MAY VARY, PLAN ANNOTATIONS AND NOTES SHOULD BE USED TO CLARIFY AS NEEDED.

#### R.O.W. ABBREVIATIONS (CODES) & SYMBOLS

POINT	CODE	DESCRIPTION
	BF	BARRIER FENCE
	CH	CHANNEL EASEMENT
	CONST	CONSTRUCTION EASEMENT
	CUL	CULVERT EASEMENT
	0&0	DISCONNECT & CONNECT
	DIT	DITCH EASEMENT
	ÐR	DRAINAGE EASEMENT
	DRIVE	DRIVEWAY EASEMENT
	EC	EROSION CONTROL
	HWY	HIGHWAY EASEMENT
	18.M	INSTALL & MAINTAIN EASEMENT
	LAND	LANDSCAPE EASEMENT
	PDF	PROJECT DEMARCATION FENCE
	R&RES	REMOVE & RESET
	R&REP	REMOVE & REPLACE
	R.T. & I.	RIGHT, TITLE, AND INTEREST
	SR	SLOPE RIGHT
	UE	UTILITY EASEMENT
	(P)	PERMANENT EASEMENT
	(T)	TEMPORARY EASEMENT
	BNDNS	BOUND SET
0	BNDNS	BOUND TO BE SET
@	IPNF	IRON PIN FOUND
•	IPNS	IRON PIN TO BE SET
×	CALC	EXISTING ROW POINT
0	PROW	PROPOSED ROW POINT
[LENG	тн]	LENGTH CARRIED ON NEXT SHEET

#### COMMON TOPOGRAPHIC POINT SYMBOLS

COMIN	ION TOPOL	GRAPHIC POINT SYMBOLS
POINT	CODE	DESCRIPTION
#	APL	BOUND APPARENT LOCATION
	BM	BENCHMARK
	BND	BOUND
(0)	CB	CATCH BASIN
ø	COMB	COMBINATION POLE
(B)	DITHR	DROP INLET THROATED DNC
ø	EL	ELECTRIC POWER POLE
•	FPOLE	FLAGPOLE
0	GASFIL	GAS FILLER
0	GP	GUIDE POST
**	GSO	GAS SHUT OFF
	GUY	GUY POLE
•	GUYW	GUY WIRE
н	GV	GATE VALVE
₿	H	TREE HARDWOOD
A	HCTRL	CONTROL HORIZONTAL
A	HVCTRL	CONTROL HORIZ. & VERTICAL
ø	HYD	HYDRANT
•	IP	IRON PIN
•	IPIPE	IRON PIPE
Ó	LI	LIGHT - STREET OR YARD
ð	мв	MAILBOX
0	МН	MANHOLE (MH)
Ø	ММ	MILE MARKER
•	PM	PARKING METER
	PMK	PROJECT MARKER
:	POST	POST STONE/WOOD
5	RRSIG	RAILROAD SIGNAL
	RRSL	RAILROAD SWITCH LEVER
*	S	TREE SOFTWOOD
	SAT	SATELLITE DISH
€3	SHRUB	SHRUB
v	SIGN	SIGN
A	STUMP	STUMP
•	TEL	TELEPHONE POLE
	TIE	TIE
0 0	TSIGN	SIGN W/DOUBLE POST
Y	VCTRL	CONTROL VERTICAL
۰	WELL	WELL
*	WSD	WATER SHUT OFF

THESE ARE COMMON VAOT SURVEY POINT SYMBOLS FOR EXISTING FEATURES, ALSO USED FOR PROPOSED FEATURES WITH HEAVIER LINEWEIGHT, IN COMBINATION WITH PROPOSED ANNOTATION.

PROPO	SED GEOMETRY CODES	
CODE	DESCRIPTION	
PC	POINT OF CURVATURE	
P)	POINT OF INTERSECTION	
CC	CENTER OF CURVE	
PT	POINT OF TANGENCY	
PCC	POINT OF COMPOUND CURVE	
PRC	POINT OF REVERSE CURVE	
POB	POINT OF BEGINNING	
309	POINT OF ENDING	
STA	STATION PREFIX	
AH	AHEAD STATION SUFFIX	
BK	BACK STATION SUFFIX	
D	CURVE DEGREE OF (IOOFT)	
R	CURVE RADIUS OF	
T	CURVE TANGENT LENGTH	
L	CURVE LENGTH OF	
E	CURVE EXTERNAL DISTANCE	
CB	CHORD BEARING	

#### UTILITY SYMBOLOGY

_	UCU	_		-	٠	-	UTILITY (GENERIC-UNKNOWN)
_	UT	_		_	-		TELEPHONE
_	UE		٠.	_			ELECTRIC
_	UC	_	٠.	-	46		CABLE (TV)
_	UEC	_		_		e e	ELECTRIC+CABLE
_	UET	_	٠.	_			ELECTRIC+TELEPHONE
_	UCT	_		_			CABLE+TELEPHONE
_	UEC1	_	٠.		•	· -	ELECTRIC+CABLE+TELEPHONE
_	G	_	٠.	_		-	GAS LINE
	W	_	++	-		-	WATER LINE
301	AGU	-	UN	D ~	UI		SANITARY SEWER (SEPTIC)  TIES (AERIAL)  UTILITY IGENERIC-UNKNOWN)
30/	/E C  AGU  T  E  C  EC  ET  AER						TIES (AERIAL)  UTILITY IGENERIC-UNKNOWN)  TELEPHONE ELECTRIC CABLE ITV) ELECTRIC+TELEPHONE ELECTRIC+TELEPHONE ELECTRIC+TELEPHONE
30\	JE C AGU T E C EC ET AER CT						TIES (AERIAL)  UTILITY IGENERIC-UNKNOWN)  TELEPHONE ELECTRIC CABLE ITYI ELECTRIC+TELEPHONE ELECTRIC+TELEPHONE CABLE+TELEPHONE CABLE+TELEPHONE
30\	/E C  AGU  T  E  C  EC  ET  AER						TIES (AERIAL)  UTILITY IGENERIC-UNKNOWN)  TELEPHONE ELECTRIC CABLE ITV) ELECTRIC+TELEPHONE ELECTRIC+TELEPHONE ELECTRIC+TELEPHONE

#### PROJECT CONSTRUCTION SYMBOLOGY

PROJEC*	T DESIGN & L	AYOUT SYME	BOLOGY
	-cz	CLEAR ZONE	
		PLAN LAYOU'	MATCHLINE

#### PROJECT CONSTRUCTION FEATURES

a	TOP OF CUT SLOPE
0 0 0	TOE OF FILL SLOPE
8 8 8 8 8 8	STONE FILL
	BOTTOM OF DITCH €
========:	CULVERT PROPOSED
	STRUCTURE SUBSURFACE
PDF — PDF —	PROJECT DEMARCATION FENCE
8F BF	BARRIER FENCE
OCCODODODOCCOOCCOCOCC	TREE PROTECTION ZONE (TPZ)
111111111111111111	STRIPING LINE REMOVAL
~~~~	SHEET PILES

#### CONVENTIONAL BOUNDARY SYMBOLOGY

OUNDARY LINES	
1000 (Jay	TOWN BOUNDARY LINE
COUNT DE	COUNTY BOUNDARY LINE
	STATE BOUNDARY LINE
<del></del>	PROPOSED STATE R.O.W.
	(LIMITED ACCESS)
	PROPOSED STATE R.O.W.
<del></del>	STATE ROW (LIMITED ACCESS)
	STATE ROW
	TOWN ROW
	PERMANENT EASEMENT LINE (P)
	TEMPORARY EASEMENT LINE (T)
	SURVEY LINE
<u>P</u> _ P	PROPERTY LINE (P/L)
SR SR SR	SLOPE RIGHTS
ø ——— ø —	6F PROPERTY BOUNDARY
#	4F PROPERTY BOUNDARY
HAZ ———— HAZ ———	HAZARDOUS WASTE

#### EPSC LAYOUT PLAN SYMBOLOGY

EPSC MEASURES	S
ОИИООИИООИИО	FILTER CURTAIN
0 0 0 0	SILT FENCE
<del> × . × . ×</del>	SILT FENCE WOVEN WIRE
·	CHECK DAM
	DISTURBED AREAS REQUIRING RE-VEGETATION
	EROSION MATTING
<b>▶▶</b>	EROSION LOG
SEE EPSC DETAIL	SHEETS FOR ADDITIONAL SYMBOLOGY
ENVIRONMENTAL	RESOURCES
ENVIRONMENTAL	RESOURCES WETLAND BOUNDARY
ENVIRONMENTAL	
ENVIRONMENTAL	WETLAND BOUNDARY
ENVIRONMENTAL	WETLAND BOUNDARY RIPARIAN BUFFER ZONE

#### -V-OHW-V- ORDINARY HIGH WATER (OHW) - STORM WATER --- USDA FOREST SERVICE LANDS - .. - WILDLIFE HABITAT SUIT/CONN

HAZ --- HAZARDOUS WASTE AREA -46--- AGRICULTURAL LAND - HABITAT FISH & WILDLIFE HABITAT - FLOOD PLAN - FLOOD PLAIN

#### ARCHEOLOGICAL & HISTORIC

ARCH	ARCHEOLOGICAL BOUNDARY
-HISTORIC DIST-	HISTORIC DISTRICT BOUNDARY
	HISTORIC AREA
æ	HISTÓRIC STRUCTURE

#### CONVENTIONAL TOPOGRAPHIC SYMBOLOGY

	ROAD EDGE PAVEMENT
	ROAD EDGE GRAVEL
	DRIVEWAY EDGE
	DITCH
	FOUNDATION
×	FENCE (EXISTING)
00-0-	FENCE WOOD POST
000-	FENCE STEEL POST
~~~~~~~	GARDEN
	ROAD GUARDRAIL
<b>93060000000000000000</b> -	RAILROAD TRACKS
	CULVERT (EXISTING)
*******************************	STONE WALL
	WALL
Lutututut	WOOD LINE
which	BRUSH LINE
***************************************	HEDGE
	BODY OF WATER EDGE
ZIIVSIIVSSIIVSSII	LEDGE EXPOSED

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

FILE NAME: si9]223symlegend.dgn PROJECT LEADER: K, SMITH
DESIGNED BY: VTRANS
CONVENTIONAL SYMBOLOGY LEGEND

PLOT DATE: 5/29/2025 DRAWN BY: VTRANS CHECKED BY: VTRANS SHEET ID OF ID2

S Z STATE PLANE COORDINATES WERE DERIVED THROUGH THE USE OF RTK GPS UTILIZING THE VERMONT CORS SYSTEM POINTS ONE AND TWO WERE OCCUPIED WITH LEICA GSIS GNSS UNITS, POINTS THREE, TEN, AND THIRTY ONE WERE CREATED WITH A ROBOTIC TOTAL STATION 0 ℩ VCAP

NORTH = 642,229,41

EAST = 1,618,836.27

ORTHO HEIGHT = 617.5

This is a GPS Continuously Operating Reference Station.
VERNONT CAPITAL CORS ARP
CORS. 10 - VTRU
PIO - AF9563

STATE/COUNTY - VTWASHINGTON
COUNTRY USGS OUAD - MONTPELIER (1968)
U.S. NATIONAL GRID SPATIAL ADDRESS: 18TX09297703812

(MAD 83)
MARKER: STATION IS THE ANTENNA REFERENCE POINT OF THE GPS ANTENNA CONTROL S GP HVCTRL #1 HVCTRL #2 HVCTRL #3 HVCTRL #10 HVCTRL #31 NORTH = 601670.438 NORTH = 601331,244 NORTH = 600836.712 EAST = 1599371.534 NORTH = 601978.567 NORTH = 600633.062 EAST = 1599570.008 EAST = 1599536, 458 EAST = 1599597.003 ELEV. = 746.47 EAST = 1599361.671 ELEV. = 761.12 S ELEV. = 727.70 ELEV. = 729.42 ELEV. = 739.54 SCALE: 1" = 50'NAIL IN SCALE: 1" = 40'
NAIL IN
COMB
3/30 ليا SCALE: 1" = 20 SCALE# 1" = 40" SCALE# 1" = 20" NAIL IN SOUP POLE NAIL IN COMB 115899 6 NAIL IN COMB 116300 3 NAIL IN MAPLE TREE 56.03 لنا S  $\simeq$ ш AVE NAIL IN COMB 161041 B  $\alpha$ NAIL IN COMB 5 115869 9100 9000 5 NAIL IN MAPLE TREE П NAIL IN COMB 3/30 BM #1429 POB 220+25.00 PC 224+70.83 PT 226+33.41 POE 228+04.68 NORTH = 601488, 40T NDRTH = 600972.89 NORTH = 601409.00 NORTH = 601570.00 NORTH = 601741.01 EAST = 1599565.674 EAST = 1599522.55 EAST = 1599544.00 S EAST = 1599553.55 S ELEV. = 729.94 SCALE: 1" = 20' ليا ليا DOCK SPIKE IN COMB 5 115869 9100 9000 5 - $\vdash$ ليا z S NOT TIED NOT TIED NOT TIED NOT TIED GNME  $\alpha$ . 🕸 ш AVE T.R AL DOLLAR GENERAL ₿ NOT TIED DATUM PROJECT NAME: NORTHFIELD VERTICAL NAVD 88 PROJECT NUMBER: BF 0241(58) HORIZONTAL NAD 83 (2011) FILE NAME: zI9122311.dan PLOT DATE: 5/29/2025

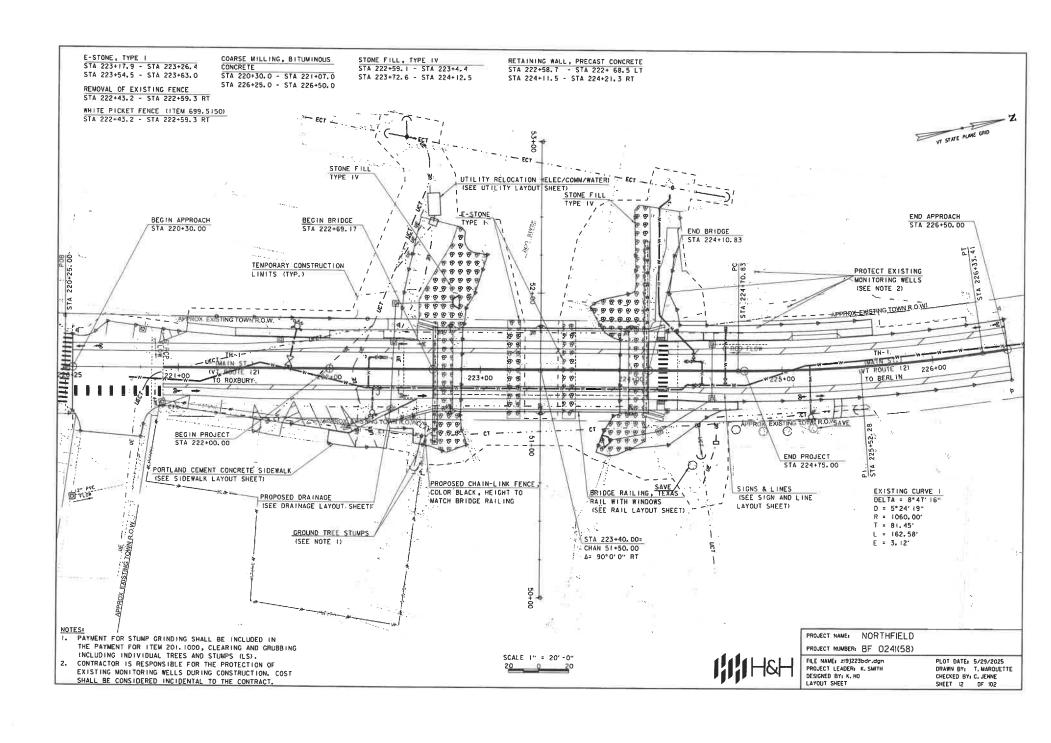
ADJUSTMENT \_\_\_ Least Sq.

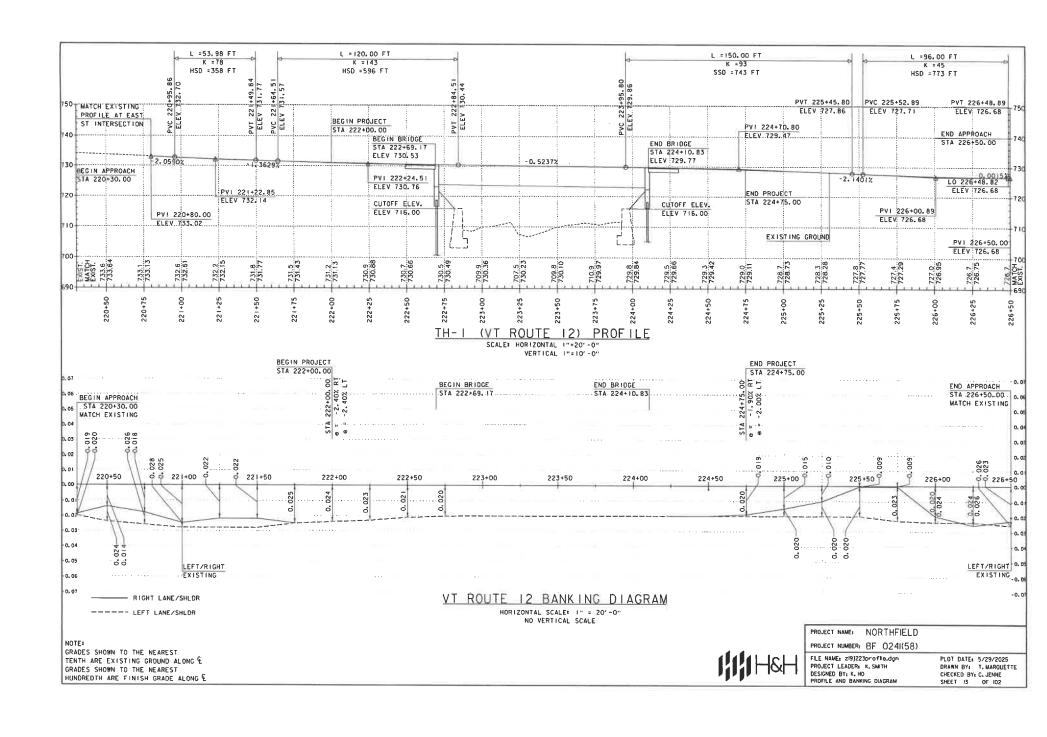
PROJECT LEADER: K. SMITH

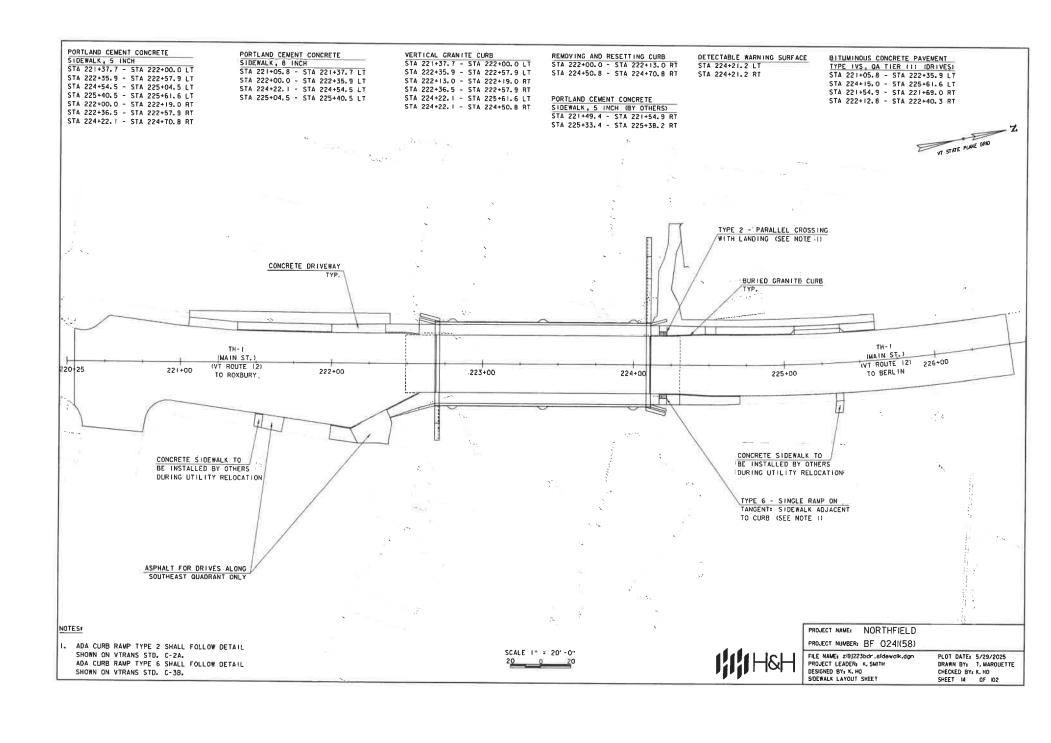
DESIGNED BY: K. HO

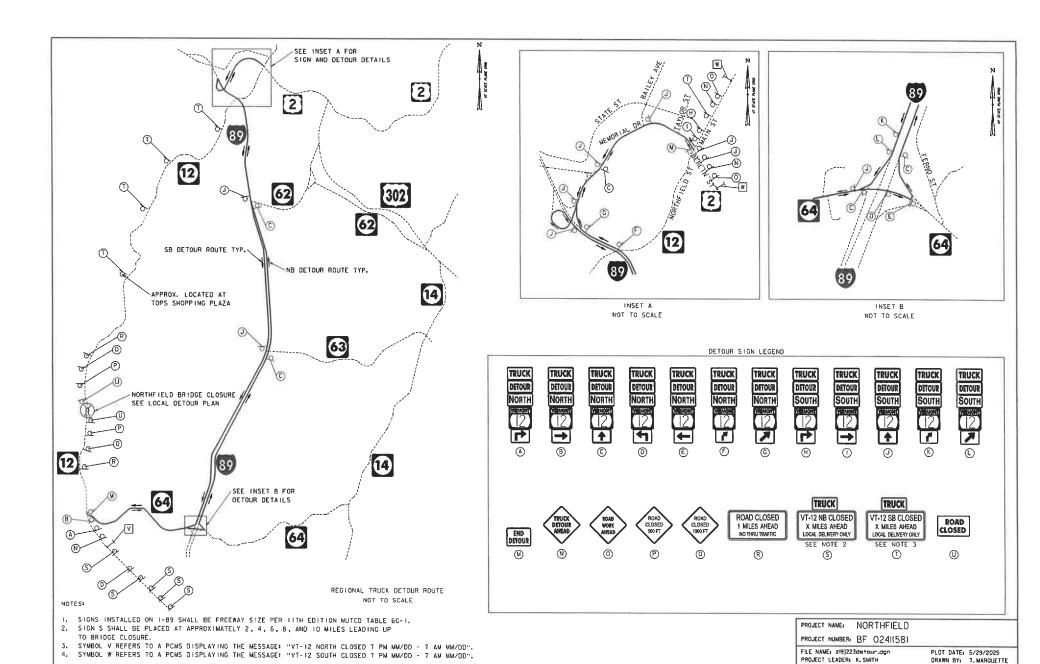
DRAWN BY: S.BROWN

CHECKED BY: K.HO

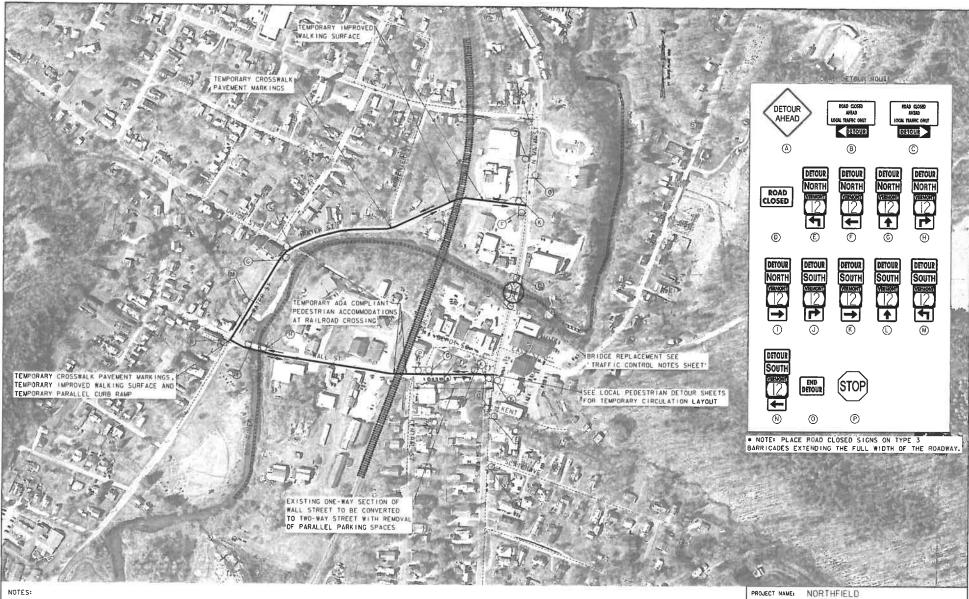








DESIGNED BY: K. HO TRUCK DETOUR ROUTE CHECKED BY: C. JENNE SHEET 15 OF 102



1. REFER TO LOCAL PEDESTRIAN DETOUR SHEETS FOR ADDITIONAL DETAILS.

 SIDEWALK AND ORIVEWAY ACCESS TO COMMERCIAL BUSINESSES SHALL BE MAINTAINED AT ALL TIMES.



PROJECT NAME: NORTHFIELD
PROJECT NUMBER: BF 024I(58)

FILE NAME: zi9]223detour.dgn PROJECT LEADER: K. SMITH DESIGNED BY: K. HO LOCAL DETOUR ROUTE PLOT DATE: 5/29/2025 DRAWN BY: T. MARQUETTE CHECKED BY: C. JENNE SHEET 16 OF 102

#### TRAFFIC CONTROL NOTES

- . TRAFFIC MANAGEMENT WILL BE ACCOMPLISHED USING AN OFF-SITE LOCAL DETOUR ON WATER STREET
  AND WALL STREET, AND A TRUCK DETOUR ON VT-64/1-89/US-2 DURING A 12 WEEK BRIDGE CLOSURE PERIOD.
- 2. A BICYCLE/PEDESTRIAN DETOUR VIA LOCAL ROADS WILL BE SIGNED AS SHOWN.
- 3. SIDEWALK AND DRIVEWAY ACCESS TO COMMERCIAL BUSINESSES SHALL BE MAINTAINED AT ALL TIMES.
- 4. TRAFFIC FROM GAS STATION ON NORTH SIDE OF BRIDGE TO USE PORTION OF DRIVEWAY AS EGRESS.
- A PORTION OF THE GAS STATION DRIVEWAY WILL BE CLOSED WITH TEMPORARY CONCRETE BARRIERS FOR WORK ZONE PURPOSES.
- EXISTING ONE-WAY SECTION OF WALL STREET TO BE CONVERTED TO TWO-WAY STREET WITH REMOVAL OF PARALLEL PARKING SPACES, SEE DWG FOR DETAILS.
- PAYMENT FOR ALL ELEMENTS ASSOCIATED WITH WORK ZONE TRAFFIC CONTROL SHALL BE INCLUDED UNDER 'ITEM 64LIDOO - TRAFFIC CONTROL', UNLESS OTHERWISE NOTED ON THE PLANS,

#### PEDESTRIAN TEMPORARY TRAFFIC CONTROL NOTES

- I. THE CONTRACTOR SHALL PROVIDE A TEMPORARY PEDESTRIAN ACCESS ROUTE (TPAR) FOR REVIEW AND WRITTEN APPROVAL BY THE RESIDENT ENGINEER A MINIMUM OF THREE WEEKS BEFORE SUCH PLAN IS IMPLEMENTED. THIS PLAN SHALL DETAIL THE CONSTRUCTION PHASING AND SCHEDULE AND THE SPECIFIC METHODS OF MAINTAINING SAFE PEDESTRIAN ACCESS THROUGHOUT THE CONSTRUCTION AREA. THIS PLAN SHALL PROVIDE THE LOCATION AND DETAILS OF TEMPORARY CONSTRUCTION SIGNING, MARKINGS, BARRICADES, CHANNELIZING DEVICES, TPARS AND METHODS TO MAINTAIN ACCESS TO ADJACENT PROPERTIES, BUSINESSES, RESIDENCES, ETC.
- THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN THROUGH MOVEMENTS FROM ONE END OF THE CONSTRUCTION AREA TO THE OTHER, ON AT LEAST ONE SIDE OF THE STREET DURING CONSTRUCTION. ANY SIDEWALK CLOSURES SHALL MEET THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCO), PART 6.
- PEDESTRIAN ACCESS SHALL BE PROVIDED TO ALL ADJACENT PROPERTIES, BUILDINGS, RESIDENCES, COMMERCIAL PROPERTIES AND TRANSIT STOPS, THIS MAY INCLUDE TEMPORARY WALKWAYS SPANNING THE CONSTRUCTION AREA.
- 4. IF SIDEWALKS ARE CLOSED. A TEMPORARY PEDESTRIAN ACCESS ROUTE (TPAR) SHALL BE PROVIDED ON THE SAME SIDE OF THE ROAD AS THE CLOSED SIDEWALK, IF POSSIBLE, SIGNS AND BARRICADES SHALL BE USED TO PROVIDE ADVANCE NOTICE OF THE CLOSURE AND THE ROUTE OF ANY PEDESTRIAN DETOURS. THE TPAR SHALL HAVE A MINIMUM UNOBSTRUCTED WHOTH OF 4 FEET. IF THE TPAR IS LESS THAN 5 FEET IN WIDTH, A 5 FOOT BY 5 FOOT PASSING SPACE MUST BE PROVIDED AT LEAST EVERY 200 FEET. THE SURFACE OF THE TPAR SHALL BE FIRM, STABLE AND SLIP-RESISTANT AND CONTINUOUS WITH A MINIMUM 80 INCHES OVERHEAD CLEARANCE FOR THE LENGTH OF THE TPAR. THE TPAR SHALL MAINTAIN THE SAME LEVEL OF ACCESSIBILITY AND DETECTABILITY AS THE FACILITY THAT IS BEING CLOSED. THE TPAR SHALL NOT LEAD PEDESTRIANS INTO CONFILICTS WITH VEHICLES, EQUIPMENT, OR CONSTRUCTION OPERATIONS.
- 5. WHEN TEMPORARY CROSSWALKS ARE UTILIZED FOR THE TPAR, TEMPORARY DETECTABLE WARNINGS SHALL BE PLACED AT EACH END OF THE TEMPORARY CROSSWALKS, THE TEMPORARY CROSSWALK SHALL BE DELINEATED WITH TEMPORARY PAYEMENT MARKINGS OR TAPE, THE MARKINGS SHALL BE PARALLEL 12-INCH-WIDE WHITE LINES PLACE 7 FEET ON CENTER APART, IT SHOULD BE NOTED THAT CURB PARKING SHALL BE PROHIBITED FOR AT LEAST 20 FEET IN ADVANCE OF MIDBLOCK CROSSWALKS. TEMPORARY CROSSWALK SHALL BE PROVIDED FOR THE CROSSWALK.

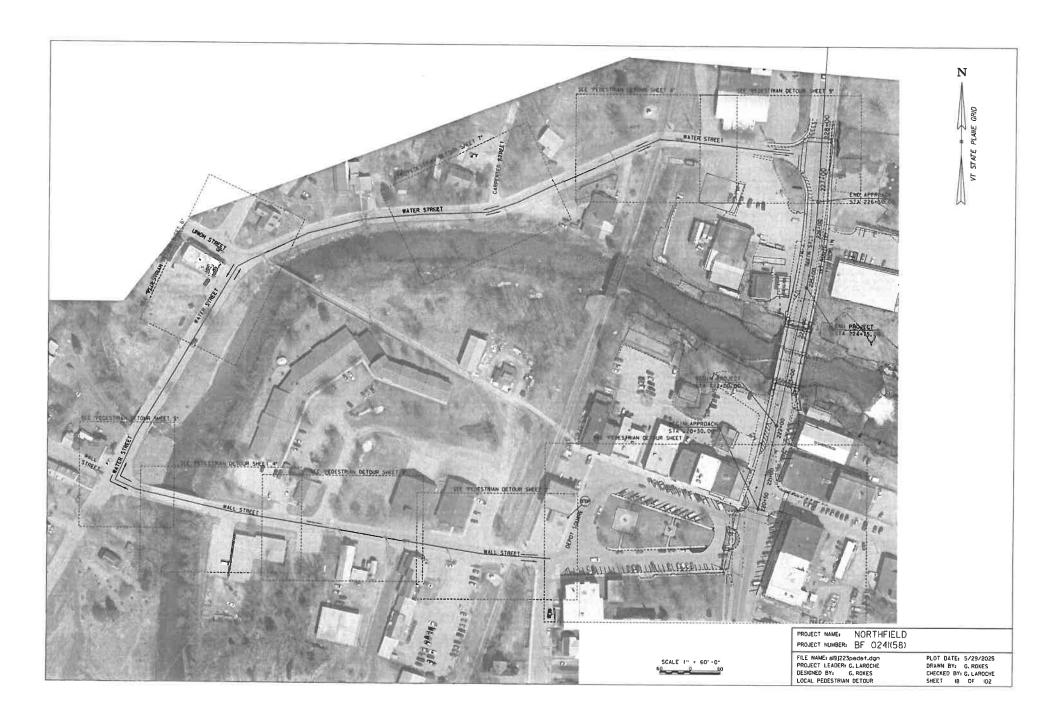
- 6. IF THERE IS WORK OCCURRING OVER AN OPEN SIDEWALK, PROTECTIVE OVERHEAD COVERING MUST BE PROVIDED AS NECESSARY TO ENSURE PROTECTION FROM FALLING OBJECTS AND DRIPPING FROM OVERHEAD STRUCTURES, COVERED WALKWAYS SHOULD BE STURDILY CONSTRUCTED AND ADEQUATELY LIGHTED FOR NICHTTIME USE.
- 7. INDIVIDUAL CHANNELIZING DEVICES, TAPE, OR ROPE USED TO CONNECT INDIVIDUAL DEVICES AND OTHER DISCONTINUOUS BARRIERS AND DEVICES, PAYMENT MARKINGS ARE NOT DETECTABLE BY PERSONS WITH YUSUAL DISABILITIES, THESE MEASURES DO NOT PROVIDE ACCEPTABLE PATH GUIDANCE ON TEMPORARY OR RE-ALIGNED SIDEWALKS OR OTHER PEDESTRIAN FACILITIES, PEDESTRIAN CHANNELIZING DEVICES SHALL INCLUDE A CONTINUOUSLY DETECTABLE BOTTOM AND TOP EDGE THROUGHOUT THE LENGTH OF THE FACILITY SUCH THAT IT CAN BE FOLLOWED BY PEDESTRIANS USING LONG CANES FOR GUIDANCE.
- 8. CHANNELIZING DEVICES ON BOTH SIDES OF THE TPAR SHALL INCLUDE A CONTINUOUS SOLID TOP
  AND BOTTOM RAILS. THE TOP EDGE OF THE TOP RAIL SHALL BE BETWEEN 32 INCHES AND 38 INCHES
  ABOVE THE GROUND LEVEL. THE BOTTOM RAIL SHALL BE AT LEAST B INCHES WIDE PER INTHE EDITION MUTCO.
  WITH THE BOTTOM EDGE OF THE BOTTOM RAIL SURFACE NO HIGHER THAN 2 INCHES ABOVE THE GROUND.
- IF THE TPAR IS ADJACENT TO MOVING TRAFFIC, CONSTRUCTION OPERATIONS/EQUIPMENT, OR DROPOFFS, THEN CRASHWORTHY CHANNELIZING DEVICES THAT MEET THE REQUIREMENTS OF THE 11TH EDITION MUTCD SHALL BE USED.
- 10. THE CONTRACTOR SHALL NOT STORE OR PLACE ANY CONSTRUCTION MATERIALS, EQUIPMENT OR SIGNS IN THE PEDESTRIAN PATH OF TRAVEL.
- II. PROVISION OF THE TPAR AND ALL ITS ELEMENTS, INCLUDING BUT NOT LIMITED TO SIGNS, CHANNELIZING DEVICES, BARRICADES, TEMPORARY CURB RAMPS, TEMPORARY PAVEMENT MARKINGS AND OTHER TRAFFIC CONTROL DEVICES IS TO BE PAID FOR INCIDENTAL TO TRAFFIC CONTROL (ITEM 64LIDOO),
- 12. THE CONTRACTOR SHALL REVIEW AND USE THE "VERMONT BICYCLE AND PEDESTRIAN WORK ZONE TRAFFIC CONTROL GUIDE", AVAILABLE ON VTRANS WEBSITE TO DESIGN AND IMPLEMENT TRAFFIC CONTROL FOR BICYCLE AND PEDESTRIAN INTO THEIR SITE-SPECIFIC TRAFFIC CONTROL PLAN FOR ALL STACES OF CONSTRUCTION.

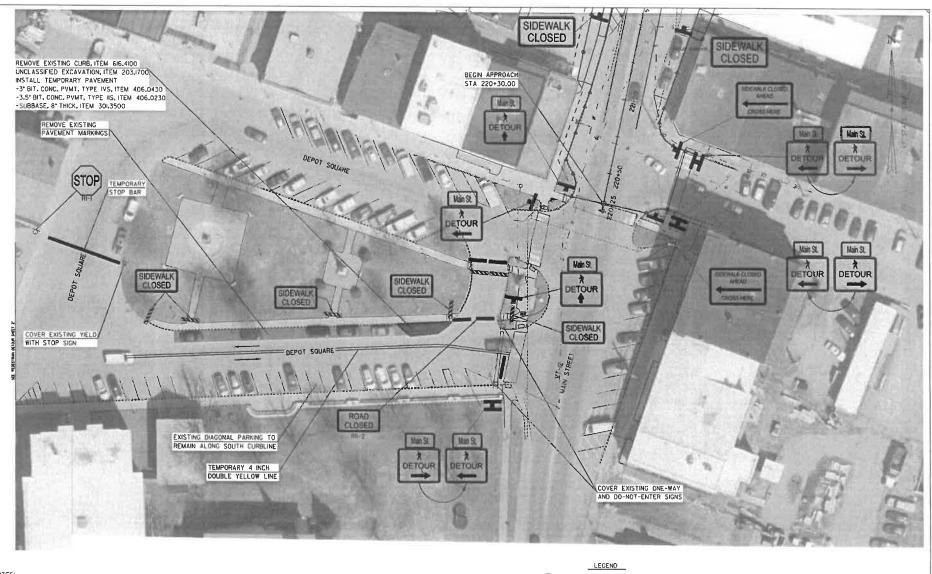


PROJECT NAME: NORTHFIELD
PROJECT NUMBER: BF 0241(58)

FILE NAME: z191223trofficNotes.dgn PROJECT LEADER: K. SMITH DESIGNED BY: K. HO TRAFFIC CONTROL NOTES

PLOT DATE: 5/29/2025 DRAWN BY: T. MARQUETTE CHECKED BY: C. JENNE SHEET 17 OF 102





NOTES:

PLACEMENT OF THE DEVICES SHOWN ON THIS SHEET ARE REFERENCED FROM "VERMONT BICYCLE AND PEDESTRIAN WORK ZONE TRAFFIC CONTROL GUIDE".

SIDEWALK AND DRIVEWAY ACCESS TO COMMERCIAL BUSINESSES SHALL BE MAINTAINED AT ALL TIMES.

ANY AREAS IMPACTED BY CONSTRUCTION SHALL BE RESTORED IN KIND TO PRE-CONSTRUCTION CONDITIONS PRIOR TO PROJECT COMPLETION.

NOTE: SEE TPAR NOTES SHEET

SCALE I" = 20' -0"

PEDESTRIAN DETOUR SIGN (TEMP) PEDESTRIAN DETOUR SIGN (TEMP)
(BACK TO BACK) LONGITUDINAL CHANNELIZING DEVICE (PCD)

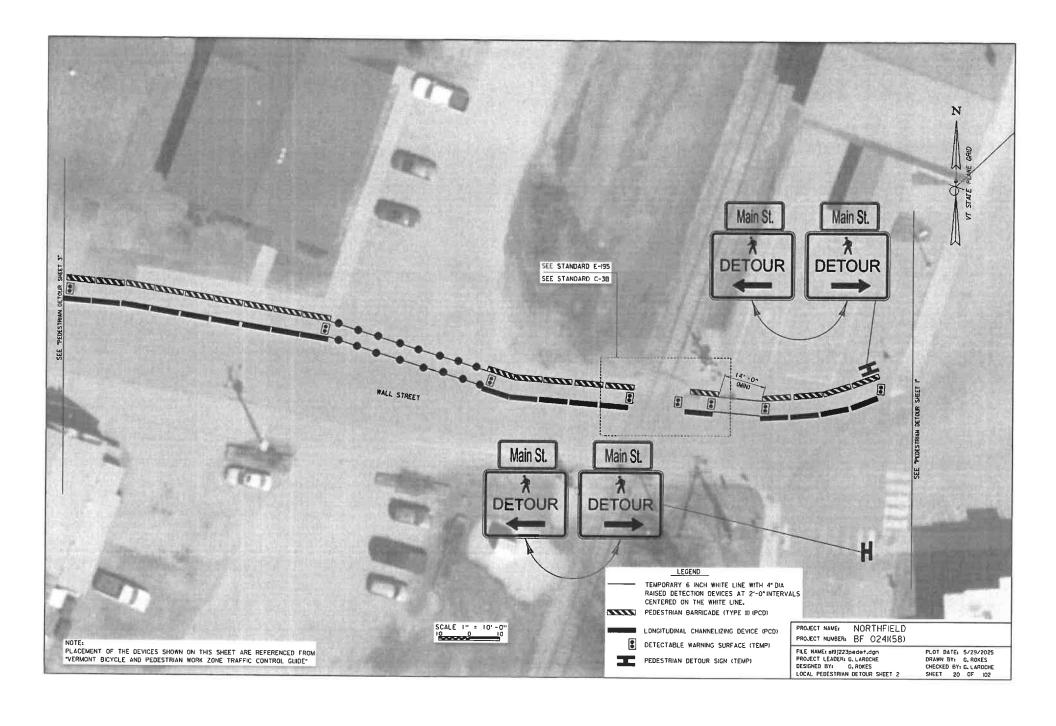
PEDESTRIAN BARRICADE (TYPE II) (PCD) 

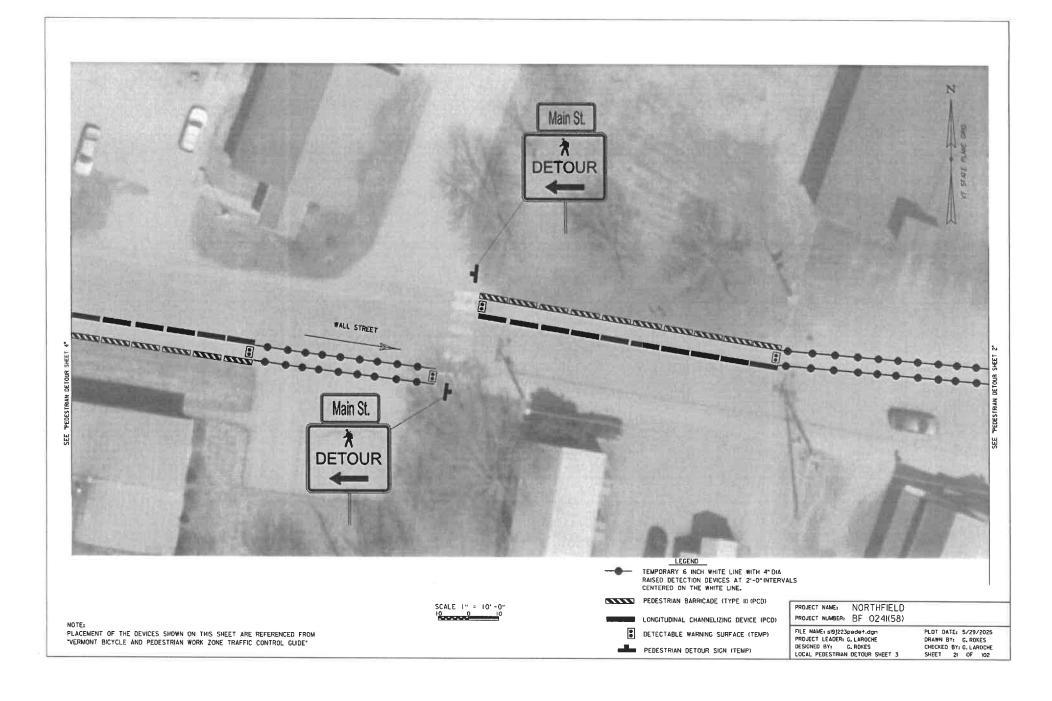
DETECTABLE WARNING SURFACE (TEMP) LOCAL PEDESTRIAN DETOUR SHEET I

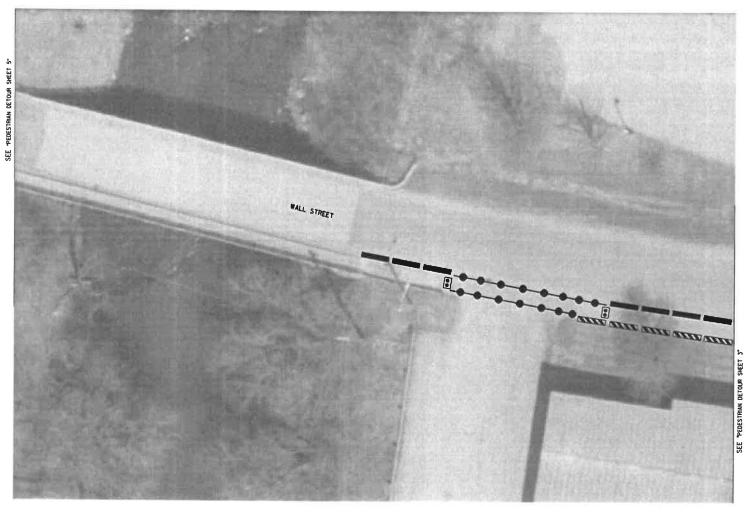
PROJECT NAME: NORTHFIELD PROJECT NUMBER: BF 0241(58)

FILE NAME: s19/223pedet.dgn PROJECT LEADER: G. LAROCHE DESIGNED BY: G. ROKES

PLOT DATE: 5/29/2025 DRAWN BY: G. ROKES CHECKED BY: G. LAROCHE SHEET 19 OF 102







SCALE I" = 10'-0"

LEGEND

--

TEMPORARY 6 INCH WHITE LINE WITH 4" DIA RAISED DETECTION DEVICES AT 2"-0" INTERVALS CENTERED ON THE WHITE LINE,

PEDESTRIAN BARRICADE (TYPE II) (PCD)

LONGITUDINAL CHANNELIZING DEVICE (PCD)

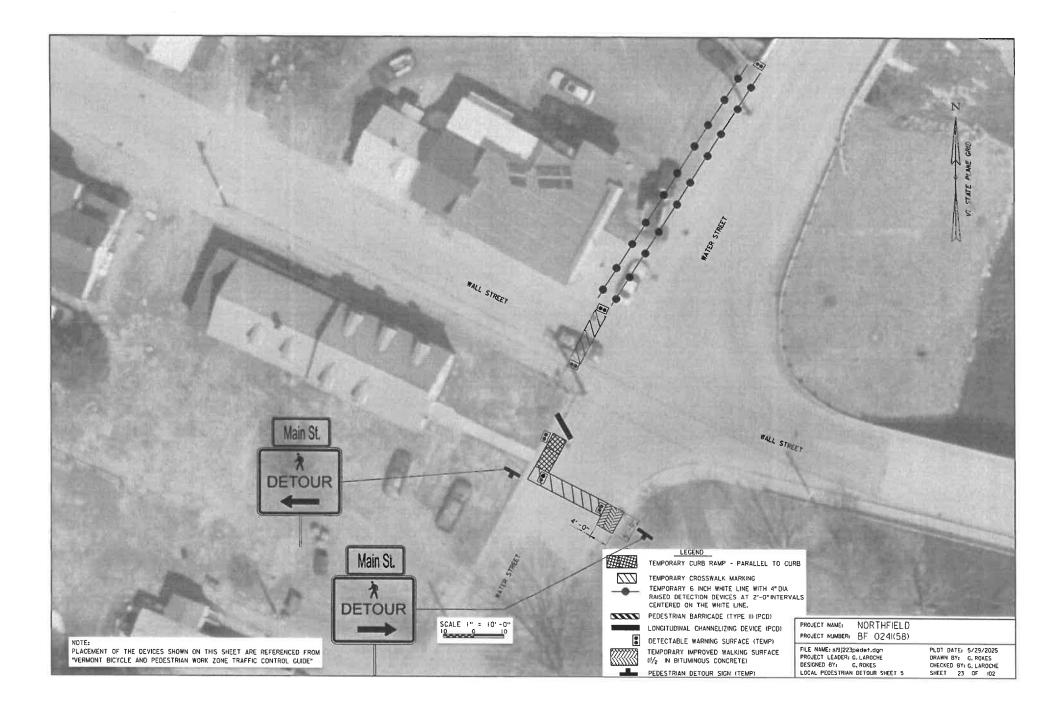
DETECTABLE WARNING SURFACE (TEMP)

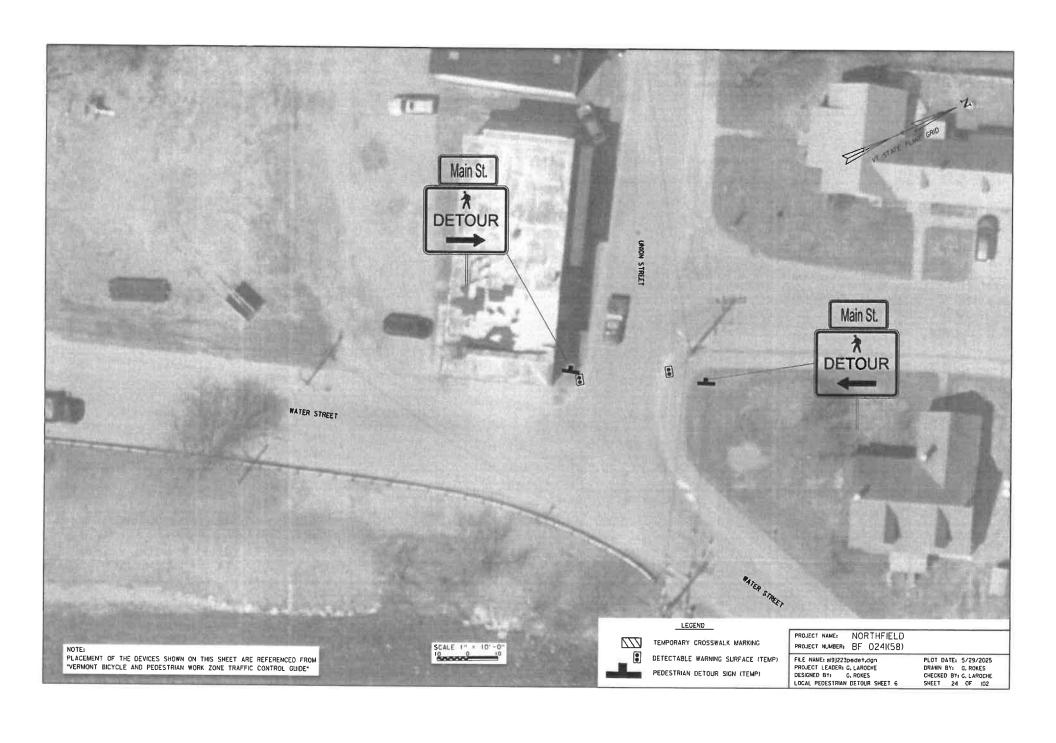
PROJECT NAME: NORTHFIELD PROJECT NUMBER: BF 024I(58)

FILE NAME: 819]223Dede†.dgn PROJECT LEADER: G. LAROCHE DESIGNED BY: G. ROKES LOCAL PEDESTRIAN DETOUR SHEET 4

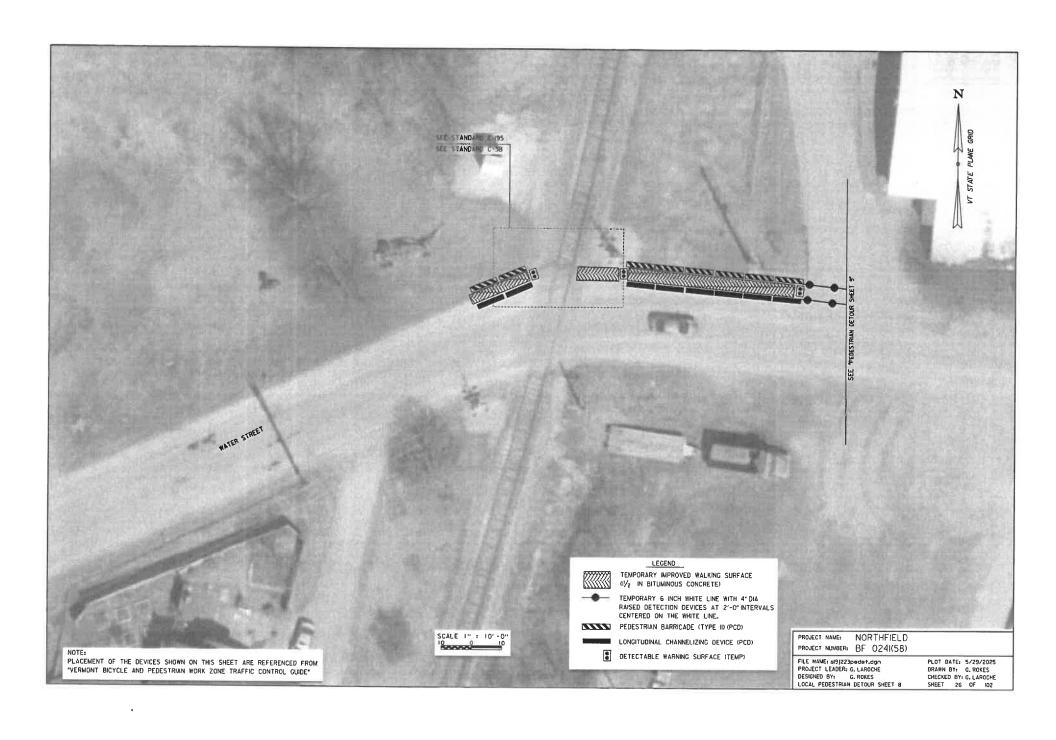
PLOT DATE: 5/29/2025
DRAWN BY: G. ROKES
CHECKED BY: G. LAROCHE
SHEET 22 OF 102

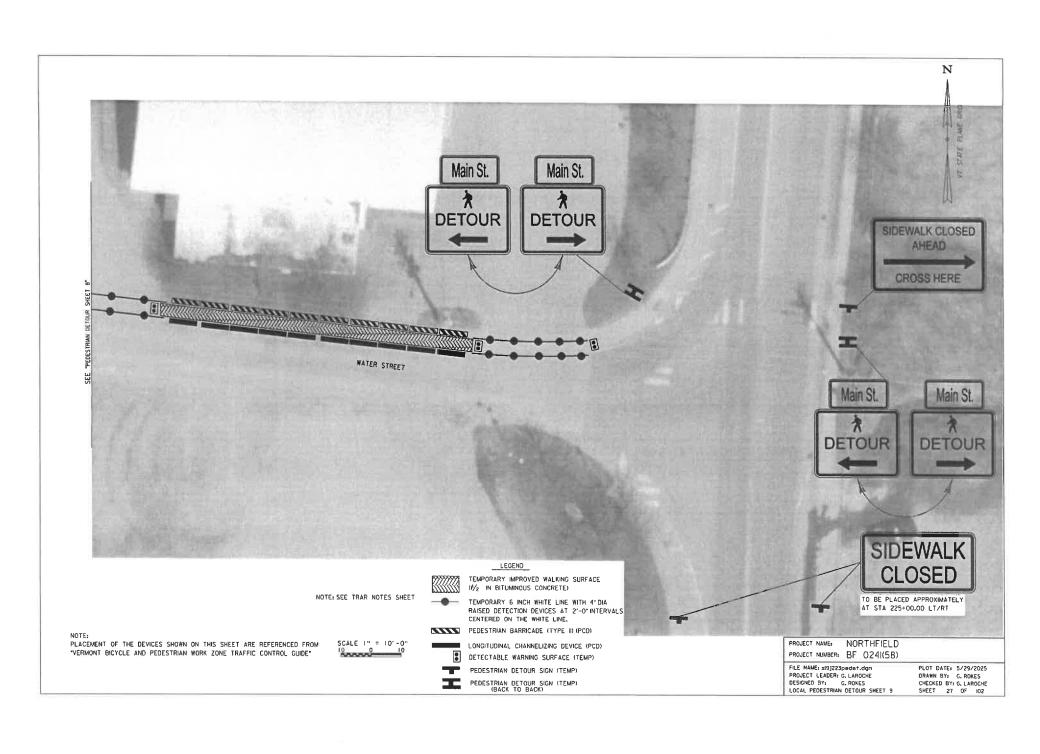
NOTE:
PLACEMENT OF THE DEVICES SHOWN ON THIS SHEET ARE REFERENCED FROM
"VERMONT BICYCLE AND PEDESTRIAN WORK ZONE TRAFFIC CONTROL GUIDE"

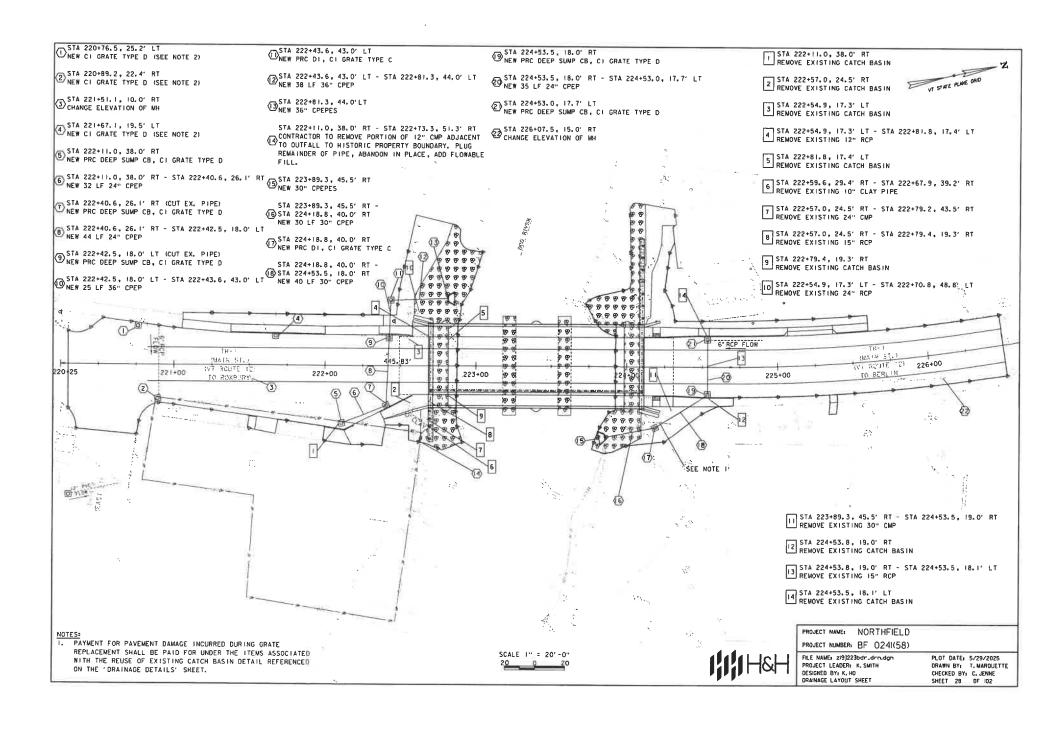


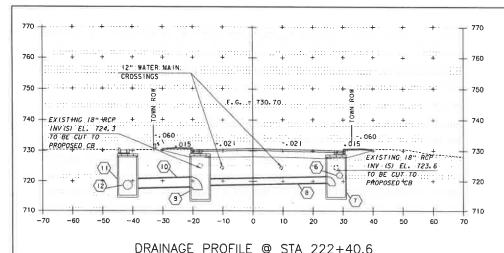


PROJECT NAME: NORTHFIELD SCALE I" = 10'-0" LEGEND PROJECT NUMBER: BF 0241(58) NOTE: PLACEMENT OF THE DEVICES SHOWN ON THIS SHEET ARE REFERENCED FROM "VERMONT BICYCLE AND PEDESTRIAN WORK ZONE TRAFFIC CONTROL GUIDE" TEMPORARY CROSSWALK MARKING FILE NAME: SI9]223pedet.dgn PROJECT LEADER: G. LAROCHE DESIGNED BY: G. ROKES LOCAL PEDESTRIAN DETOUR SHEET 7 PLOT DATE: 5/29/2025 DRAWN BY: G. ROKES CHECKED BY: G. LAROCHE SHEET 25 OF 102 DETECTABLE WARNING SURFACE (TEMP)



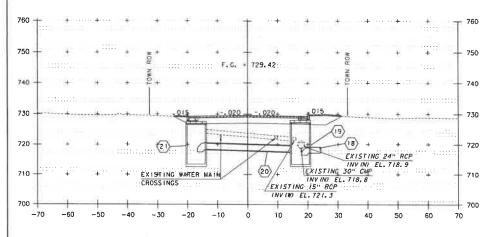






- 6 STA 222+11.0, 38.0' RT STA 222+40.6, 26.1' RT NEW 32 LF 24" CPEP INLET EL 721.2 OUTLET EL 721.0
- T) STA 222+40.6, 26, 1' RT NEW PRC DEEP SUMP CB, C1 GRATE TYPE D TOP OF GRATE EL 730.1 SUMP EL 718.6
- (B) STA 222+40.6, 26.1' RT STA 222+42.5, 18.0' LT NEW 44 LF 24" CPEP INLET EL 719.4 OUTLET EL 718.7
- (9) STA 222+42.5, 18.0' LT NEW PRC DEEP SUMP CB, CI GRATE TYPE D TOP OF GRATE EL 730.3 SUMP EL 717.2

- (D) STA 222+42.5, 18.0' LT STA 222+43.6, 43.0' LT NEW 25 LF 36" CPEP INLET EL 718.21 OUTLET EL 717.7
- STA 222+43.6, 43.0' LT
  NEW PRC DI. CI GRATE TYPE C
  TOP OF GRATE EL 730.2
  OUTLET EL 717.18
- (12) STA 222+43.6, 43.0' LT STA 222+81.3, 44.0' LT NEW 38 LF 36" CPEP INLET EL 717.18 OUTLET EL 716.00



DRAINAGE PROFILE @ STA 224+53.5

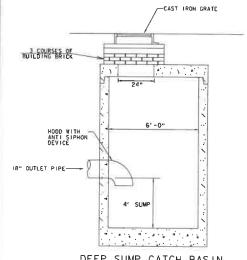
- (IB) STA 224+18.8, 40.0' RT STA 224+53.5, 18.0' RT NEW 40 LF 30" CPEP INLET EL 717.25 OUTLET EL 716.7 (SEE CHANNEL XS AT STA 51+10 FOR DI INFO)
- (9) STA 224+53.5, 18.0' RT NEW PRC DEEP SUMP CB, CI GRATE TYPE D TOP OF GRATE EL. 729.28 SUMP EL. 716.5
- (20) STA 224+53.5, IB.0' RT STA 224+53.0, I7.7' LT NEW 35 LF 24" CPEP INLET EL. 71B.4 OUTLET EL.71F.6
- (21) STA 224+53.5, 17.7' LT NEW PRC DEEP SUMP CB, C1 GRATE TYPE D TOP OF GRATE EL 728.81 SUMP EL 717.52



PROJECT NAME: NORTHFIELD
PROJECT NUMBER: BF 024(58)

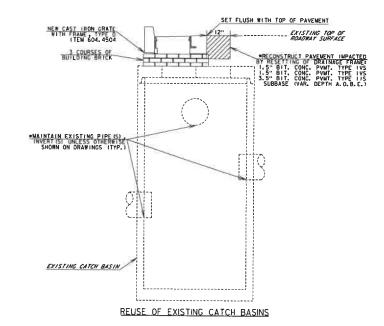
FILE NAME: 219)223×8.dgn PROJECT LEADER: K. SMITH DESIGNED BY: K. HO DRAINAGE PROFILE

PLOT DATE: 5/29/2025 DRAWN BY: J. DIAZ CHECKED BY: C, JENNE SHEET 29 OF 102



DEEP SUMP CATCH BASIN

NOTE: MATERSTOP WITH PIPE GASKET, CAST IRON FRAME AND GRATES, MANHOLE RUNGS, HOOD WITH ANTI SIPHON DEVICE, ARE INCIDENTAL TO ITEM 604, 2000 PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (DEEP SUMP)



UNDERGROUND UTILITY CLEARANCE DIAGRAM



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

FILE NAME: zi9]223drn\_det.dgn PROJECT LEADER: K. SMITH DESIGNED BY: K. HO DRAINAGE DETAILS PLOT DATE: 5/29/2025 DRAWN BY: J. DIAZ CHECKED BY: C. JENNE SHEET 30 OF 102

	TATION	POS.	NO DEG.	NLET	OUTLET	N N	OUT	SPAN IN	PIPE ARCH RISE IN	L FT	D N	E ET	PCCSP	CAAP TH	RCP CL	CSP TH	CPEF SL	PCCSI PI TH	PELSO NO. OE				DEP DI PT		١.	ENF O			EART	CAVATION TH ROCK	CY		STRUCT EKCAY CY	BKRUL STRUCT CY	GRAN BORR CT	EROS MATT SY	STONE	TYPE	POI LT EA	STS RT EA	(·)		PIETMA PIKS
220+78.6		26.2 LT																	Т	Т	Т	Т	T		1	-			$\top$		T		Т								1		NEW G1 ORATE TYPE D
220+89.2		22.€RT																	1					1		١					1	1	1 (	1							2		NEW C1 GRATE TYPE D
221+51.1		10 0 RT	1 1																								١														,		CHANGE ELVATION OF MH
221+87.1		. II FLT	1 1					<b></b>					• ••			1				-				1		<u>.</u>						-	1 -		Hart Saleston		=				.4		NEW C1 GRATE TYPE D
222+11.0	- 1	38.0' RT-	1 1																		"  '			1		١								8.39							5		NEW PAC DEEP SUMP CB. C1 GRATE TYPE E
	22440.8	26.1°RT			CB .						24	32					x				1.0								. 80.3	T .				41.68			- 1						WEM 54, ChEb
222+40 8		28.1°RT					1 (91)9656)		140 111							= '			13		1.5								28.6	j		Steam I		28 67			- "		-		7		NEW PRO DEEP SUMP CB, CT GRATE TYPE C
222+40 8	22+42.6	25.1° ST - 18.1 LT	ا ا	СВ	CB						24	44					×				1								63.5	3				43.11							•		NEW 24" CPEP
222+42 6		18.0° L7 "	1 1																							0	1	1	30.2	2			1	30.2	-							-	NEW PRODEEP SUMP CB. CLORATE TYPE D
222+42.6	22+43.5	(8 0 LT -	1 1	св	C8						36	26					×		1										46.4	2				37.4							10		NEW SE CPEP
222+43.6	- 1	40 0 LT																	1			1	-	.	1	-   .	1		21.4	7				24 47			- 1				0	-	NEW PRO DI, C1 ORATE TYPE C
222+43 6	22481.3	41.0 LT - 440 LT	-	CB	OUTLET						36	38					х					1					1		106 (					91.67							12		
222+81.3		44.0° L7																		1.																					-		NEW SET CHEP
222+11.0		38.0° RT - 51.	,	1-41-	оилиет						12					4 matrix	-41		-	-							1	-	18.4					1841				7		u	13		NEW 36" CPEPES
	22478.3	RT	1 1	us	OUILE			1			12								1			1					1		1		1	1									14		REMOVE PORTION OF 12" CMP TO HISTORIC PROPERTY GOUNDARY, PLUG REMAINDER OF P
223+89.3	- 1	45,6° RT - 40.						1											1	1 2						. [			14,9	17		1 -		14.97	- 1						15		. NEW 30" CP EP ES
223+89 3	24+18.8	RT RT	°	œ	OUTLET			1			30	30					x					1			1				1/9.2	21		1		122,20			_ [				16		NEW 30" CPEP
224+18.8		40.0° RT																	1		1	1				(						1	1								57		NEW PRC DL C1 GRATE TYPE C
224+10.8	24+53.5	46.0' RT - 16	9	_CB	СВ						30	40	-				. x						_				_		81.2	2				BIL77				- 51			18		NEW 30" CPEP
224+53.5		18.0° RT	1 1																		1								28.8	ið	1 "	1	"	28.65		4.16.1.1		7-1			19		NEW PRC DEEP SUMP CB. C1 GRATE TYPE O
224+53 6	24+63.0	18 0' RT - 17.	7	св	CB						24	35					x								1				19,6	NS.				18.30			- 1				20		NEW 24' CPEP
224+53,0		17.7 LT				1.5													1 -	2			-		1		.		23.0		( =)	15	1 "	23.66		-41					20		NEW PRC DEEP SUMP CB, C1 GRATE TYPE D
226407.5		18.0' RT																									1			-				1							22		CHANGE ELEVATION OF MH
					PRO	PO	SED:	TOTAL CF	EP (SINGL EP (SINGL EP (SINGL	30"	111 70 83	FT FT								Τ	1			T	T		Т		Т		Т	T	Т										STRUMENT CLEVATION OF ME
222+11,0		38.0° RT																			×																				,		REMOVE EXSITING CATCH BASIN
222+57.0		24.5° RT																			×	"										1	6					-			2		REMOVE EXSTING CATCH BASIN
222+54.0		17,3° LT						1											1		×		1	1					1		1		6								3		REMOVE EXISTING CATCH BASIN
222+54.9	222481.8	17.7 LT-				L.			. 53.		12	25	Decise Name		X														6.23	3	1												REMOVE EXISTING REINFORCED CONCRETE PI
222+81.8		17 ¢LT																	1		×				1		1							"						- **	5	1	REMOVE EXISTING CATCH BASIN
222+57 6	222479.4	29 4' RT - 39.2' RT									10	17																	4.81	,	1		1									1	REMOVE EXISTING CLAY PIPE
222+57.0	122+79.2	24.5° RT -													1 700 000.0						-		-	-				-	13.1	110 100 110	-		-								;		
		43.5°RY																														1							-		'		REMOVE EXISTING CORRUGATED METAL PIP
1 1	222+79,4	19,5' RT									13	27			x														24		1		1								•		REMOVE EXISTING REINFORCED CONCRETE M
222+79.4		19 3TRT																			×										1	1											REMOVE EXISTING CATCH BASIN
222+54.9	222+70.8	17.5 LT- 48.5 LT									24	22			x														10.0	57			1								10		REMOVE EXISTING REDIFORCED CONCRETE PI
223+60.3	224480.6	46 5'RT - 19.3'RT									30	55																	129.	48											11		REMOVE EXISTING CORRUGATED METAL PIP
224+53.6		19.0° RT																	4		×	-			-				- 1							,					12		REMOVE EXISTENCE CATCH BASIN
224+53.8	224450.5	19 0 AT - 18.	, j					1			15	26			×						1 "						1		32.5	м		1	1										
1	224.53.5	18.1'1.1									~	_			^												1		82.8	*			1								13		REMOVE EXISTING REINPORCED CONCRETE P
		10.1 LT				_		TOTAL RO		127	25	FT								_	×											1	6							1	14	1	REMOVE EXISTING CATCH BASIN

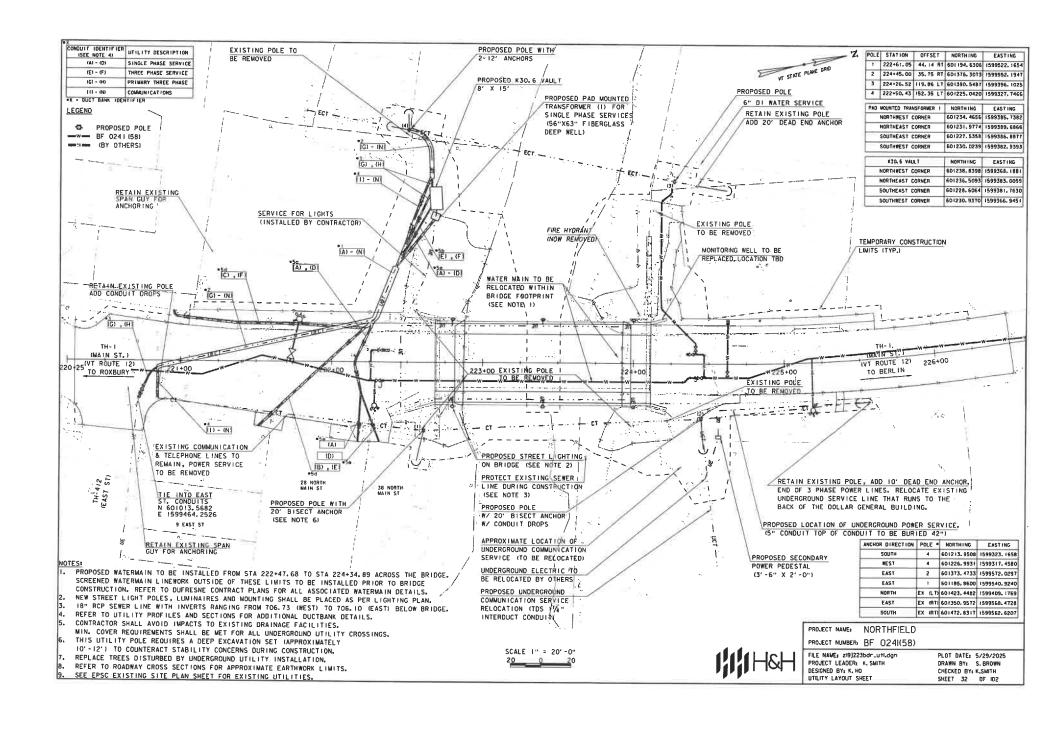
1111H&H

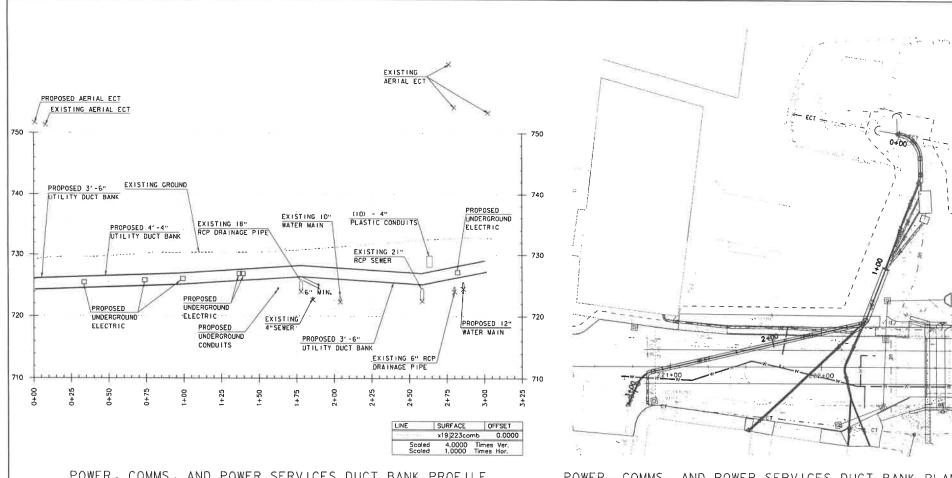
PROJECT NAME: NORTHFIELD

PROJECT NUMBER: BF 024(58)

FILE NAME; 2:91223drn.det.dgn
PROJECT LEADER: K, SMITH
DESIGNED BY; K, HO
DRAINAGE TABLES

PLOT DATE: 5/29/2025 DRAWN BY: J. DIAZ CHECKED BY: C. JENNE SHEET 31 OF 102





POWER, COMMS, AND POWER SERVICES DUCT BANK PROFILE

POWER, COMMS, AND POWER SERVICES DUCT BANK PLAN

SCALE I" = 20'-0"

NOTES:

1. INVERTS SHOWN FOR EXISTING UTILITIES ARE ASSUMED BASED ON AVAILABLE INFORMATION. THE COMPACTOR SHALL VERIFY THE POSITION OF ALL EXISTING UTILITIES.

2. PROPOSED UTILITY DUCT BANKS SHALL MAINTAIN 18" MINIMUM VERTICAL CLEARANCE FROM EXISTING UNDERGROUND UTILITIES UNLESS OTHERWISE SHOWN. LOCATIONS WITH LESS THAN 18" VERTICAL CLEARANCE HAVE BEEN AGREED UPON BETWEEN VTRANS, GMP. NED AND THE TOWN OF NORTHFIELD.

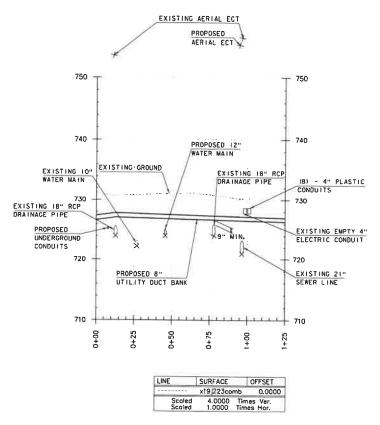


PROJECT NAME: NORTHFIELD

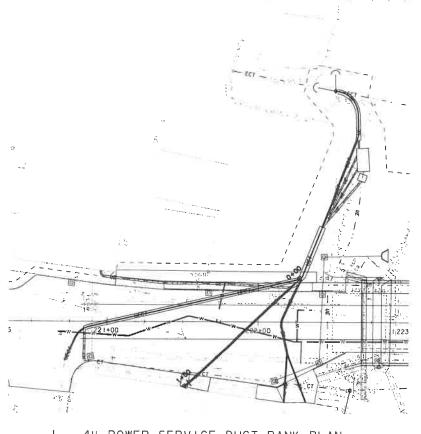
PROJECT NUMBER: BF 0241(58)

FILE NAME: zi93223utl\_pro.dgn PROJECT LEADER: K. SMITH
DESIGNED BY: K. HO
UTILITY DUCT BANK PLAN & PROFILE - 1

PLOT DATE: 5/29/2025 DRAWN BY: J. DIAZ CHECKED BY: C. JENNE SHEET 33 OF 102



2 - 4" POWER SERVICE DUCT BANK PROFILE



I - 4" POWER SERVICE DUCT BANK PLAN

SCALE 1" = 20'-0" 20 0 20

NOTES:

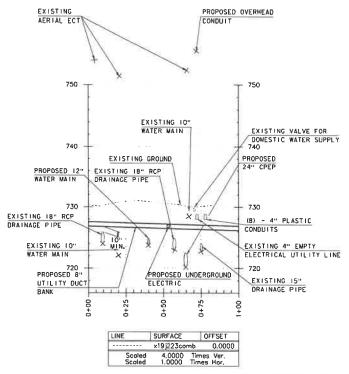
1. INVERTS SHOWN FOR EXISTING UTILITIES ARE ASSUMED BASED ON AVAILABLE INFORMATION, THE CONTRACTOR SHALL VERIFY THE POSITION OF ALL EXISTING UTILITIES.

2. PROPOSED UTILITY DUCT BANKS SHALL MAINTAIN 18" MINIMUM VERTICAL CLEARANCE FROM EXISTING UNDERGROUND UTILITIES UTILESS OTHERWISES SHOWN. LOCATIONS WITH LESS THAM 18" VERTICAL CLEARANCE HAVE BEEN AGREED UPON BETWEEN VIRANS, GMP, NED AND THE TOWN OF NORTHFIELD.

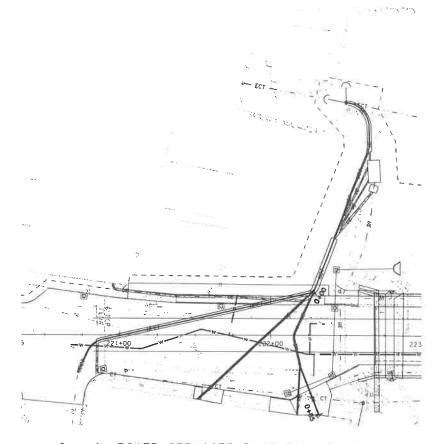


PROJECT NAME: NORTHFIELD PROJECT NUMBER: BF 0241(58)

FILE NAME: zi9J223uft\_pro.dgn PROJECT LEADER: K. SMITH DESIGNED BY: K. HO UTILITY DUCT BANK PLAN & PROFILE - 2 PLOT DATE: 5/29/2025 DRAWN BY: J. DIAZ CHECKED BY: C. JENNE SHEET 34 OF IO2



2 - 4" POWER SERVICES DUCT BANK PROFILE



#### 2 - 4" POWER SERVICES DUCT BANK PLAN



NOTES:

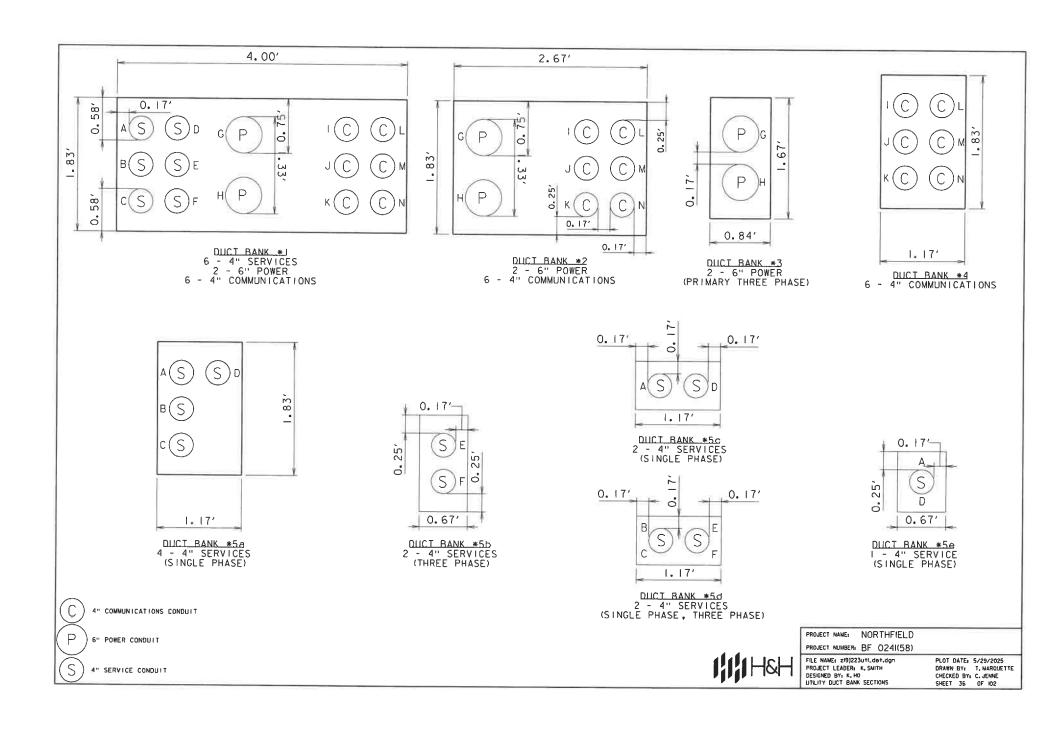
1. INVERTS SHOWN FOR EXISTING UTILITIES ARE ASSUMED BASED ON AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY THE POSITION OF ALL EXISTING UTILITIES.

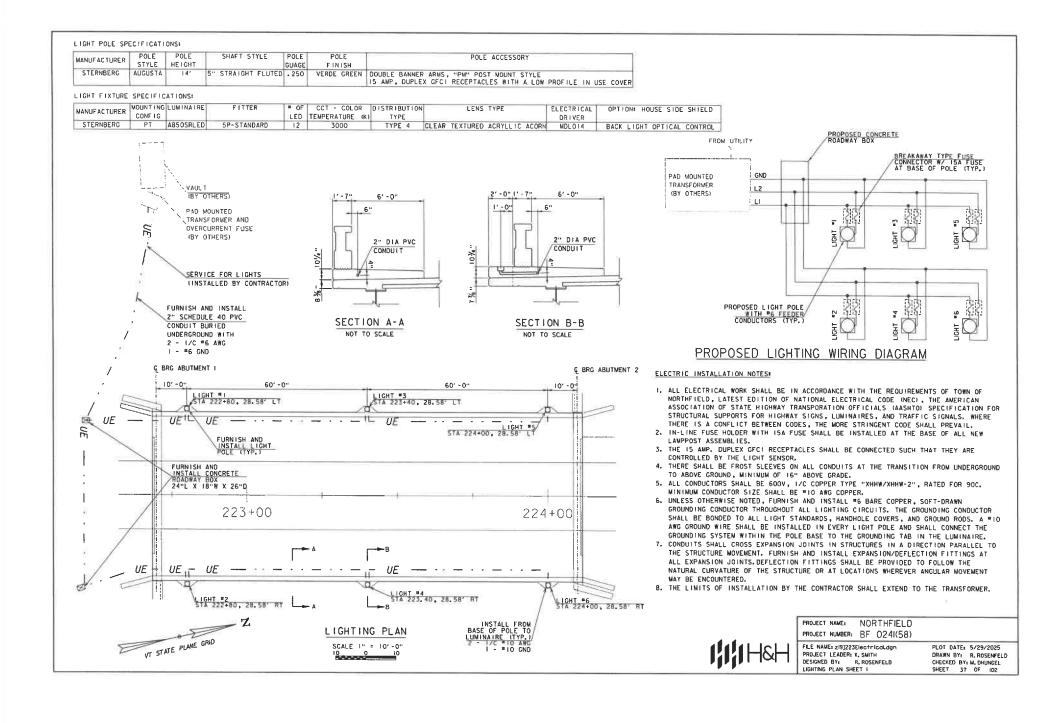
2. PROPOSED UTILITY DUCT BANKS SHALL MAINTAIN 18° MINIMUM VERTICAL CLEARANCE FROM EXISTING UNDERGROUND UTILITIES UNLESS OTHERWISE SHOWN.
LOCATIONS WITH LESS THAN 18 VERTICAL CLEARANCE HAVE
BEEN AGREED UPON BETWEEN VTRANS, GMP, NED AND THE TOWN OF NORTHFIELD.

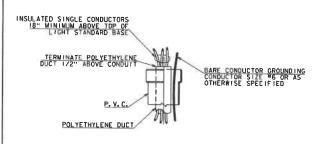


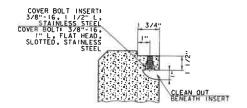
PROJECT NAME: NORTHFIELD PROJECT NUMBER: BF 0241(58)

FILE NAME: zi9J223ufl\_pro.dgn PROJECT LEADER: K, SMITH
DESIGNED BY: K, HO
UTILITY DUCT BANK PLAN & PROFILE = 3 PLOT DATE: 5/29/2025 DRAWN BY: J. DIAZ CHECKED BY: C. JENNE



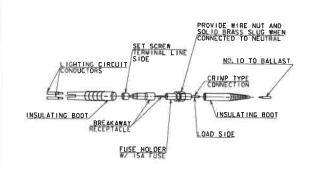




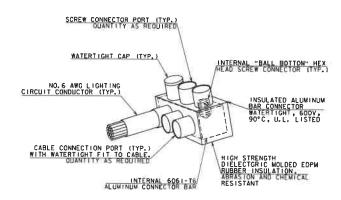


# CABLE IN DUCT TERMINATION \_AT LIGHT STANDARD BASE

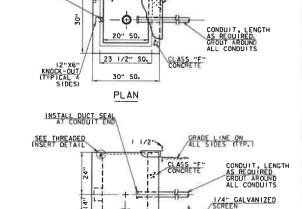
THREADED INSERT







#### WATERTIGHT CONNECTOR



COVER PLATE

#### CONCRETE JUNCTION BOX

ELEVATION



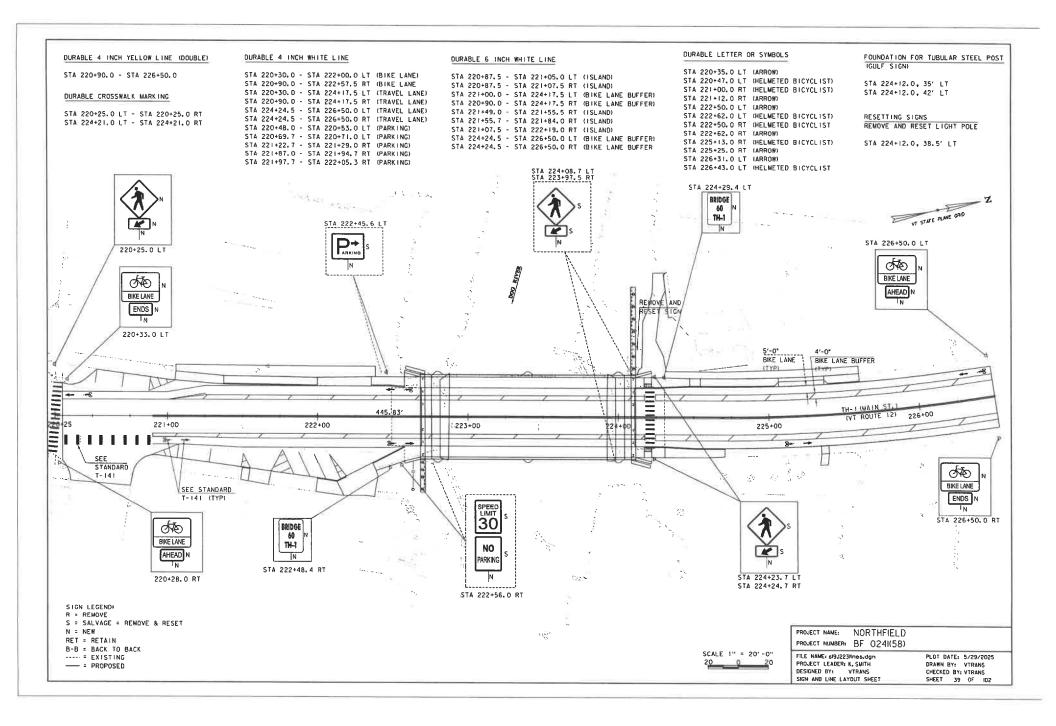
CONCRETE INSERT

PROJECT NAME: NORTHFIELD
PROJECT NUMBER: BF 024I(58)

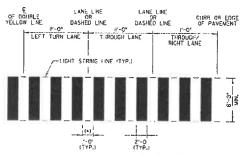
FILE NAME: 219]223Electrical.dgn PROJECT LEADER: K. SMITH DESIGNED BY: R. ROSENFELD LIGHTING PLAN SHEET 2 PLOT DATE: 5/29/2025 DRAWN BY: R. ROSENFELD CHECKED BY: M. DHUNGEL SHEET 3B OF 102

GRADE LINE

4" DRAIN PIPE, INSTALL WHERE ACCESS TO LOWER ELEVATION IS PRESENT WITHIN 25" OF JUNCTION BOX. OR AS DIRECTED

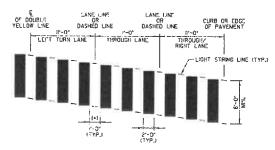


## **BLOCK PATTERN CROSWALK PAVEMENT MARKING DETAILS**



BLOCK PATTERN CROSSWALK DETAIL
MAY VARY WITH 31-0" OR 121-0" LANE

5



# SKEWED BLOCK PATTERN CROSSWALK DETAIL MAY VARY WITH 3"-0" OR 12"-0" LANE

#### NOTES

- 1. THIS DETAIL IS CONFIGURED FOR AN POPULANE.
- 2. MARK LIGHT STRING LINE ON PAVEMENT ACROSS ROADWAY ICURB-TO-CURBI.
- 5. ESTABLISH THE CENTER LINE OF THE ROADWAY IDOUBLE YELLOW LINE OR CAME LINES.
- BLOCKS ARE PARALLEL TO THE CENTERLINE (ODUBLE YELLOW LINE OR LANE LINE), (OFFSET BLOCKS VERTICALLY TO ACHIEVE REQUIRED SKEW).
- 5. ALWAYS START MEASURING FROM THE CENTERLINE OR LANE LINE RIGHT WITH THE FLOW OF TRAFFIC.
- 6. PAINTED BLOCKS SHALL BE 2'-0" (TYPICAL), (OPTION (TEM)
- (\*) 7. THIS SPACING WILL INCREASE TO 2'-0" FOR A 12'-0" LANE.
- (\*) 8. ADJUST SPACING TO AVOID WHEEL PATHS AS DIRECTED BY THE ENGINEER.

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

FILE NAME: sigj223.DGN
PROJECT LEADER: C. BAKER
DESIGNED BY: VTRANS
CROSSWALK DETAILS

PLOT DATE: 5/29/2025 DRAWN BY: VTRANS CHECKED BY: VTRANS SHEET 40 OF 102

	E OF VERMONT F TRANSPORTATION	_						Ţ	R	<u>A</u>	FF	=[6		<u>SI</u>	G	N	S				Al	<u> </u>	1 5	<b>3</b> H	IEI	3						
		SIGN	DIMEN	SIONS	NEW	& SALVA	GED ŞIGN	s E	XIST OST	NO. FLA	NGED CH	HANNEL		SQUA	RE STEE	L (in)	1	TUBULAR	W SIGN F ALUMINI (IN)		π	UBULAR:				W-SHAP	E STEE	ı.	-74		SIGN	DETAIL
ILE MARKER. ATION OR SIGN NUMBER	SIGN LEGEND	EACH	WIDTH (in)	HE KONTI	-A-	"B"	BALV S	SET SE	SALVAGE	1.1	(LB / F	3,00		2.00 (LB / FT) 2.42		ANCHOR	SLEEVE	(LE		OUNDATIO	7.6	3.50	1		FTG. SIZ		A SECOND	POST SIZE	SIGN FRAME REQUIRED	REMARKS	DETAIL ON SHEET NUMBER	VTra STAND OR FH MUTCD NUMB
STA 220+25.0 LT		1	30.0	30.0	9.0				П	1.0				12.0		х	OPTIC	N ITEM	s							T	T					
STA 224+23.7 LT TA 224+23,7 RT	<b>A</b>	2	30.0	30.0	18,0					2.0				24.0		х			T							1		1		BLACK ON FLUORESCENT YELLOW-GREEN		Mu Wi
STA 220+25.0 LT		,	24.0	12.0	2.0						-						PAIREC	WITH NE	W W11-2	SIGN LIS.	TED ABO	OVE.						-				T
STA 224+23.7 LT TA 224+23.7 RT		2	24.0	12.0	4.0												PAIRED	WITH EX	STING W	1-2 SIGN	LISTAB	OVE								BLACK ON FLUORESCENT YELLOW-GREEN		Wi
5TA 222+45.6 LT	P+ ARKING	1	30.0	24.0	5.0					1.0				15.0		x														GREEN ON WHITE		Mi
TA 222+56.0 RT	SPEED LIMIT 30	1	24.0	30,0	5.0					1.0				12.0		×														BLACK ON WHITE		MI
TA 222+56.0 RT	NO PARKING	1	24.0	30.0	5.0					1.							PAIRED	WITHEXE	STING R2	1 SIGN LI	STED AS	BOVE								RED ON WHITE		MI R
222+48.4 RT	BRIDGE	1	6.0	10.0	0.4			T		1.0				12.0		x														WHITE ON GREEN	T-42	
224+29.4 UT	60 TH-1	1	6.0	10.0	0.4					1.0				12.0		x														WHITE ON GREEN	T-42	
OST SIZES ARE COM JRNISHED ON THE S	S ARE TO BE DETERMINED IN THE FELD MPUTED BASED ON INFORMATION STANDARD SHEETS AND THE VITRANS									F	FT	FT	FT	FT.	FT V		EA	LB		В	LB	B LB	L9	LB						+		
SIGN POST DESIGN (	GUIDELINE."		TOTAL	.5	SF 48.83	SF	EA.	SF			FT	1			FT 87.	- 7			LB	E	۸.		LB		EA. E	Α, Ι	LB					F

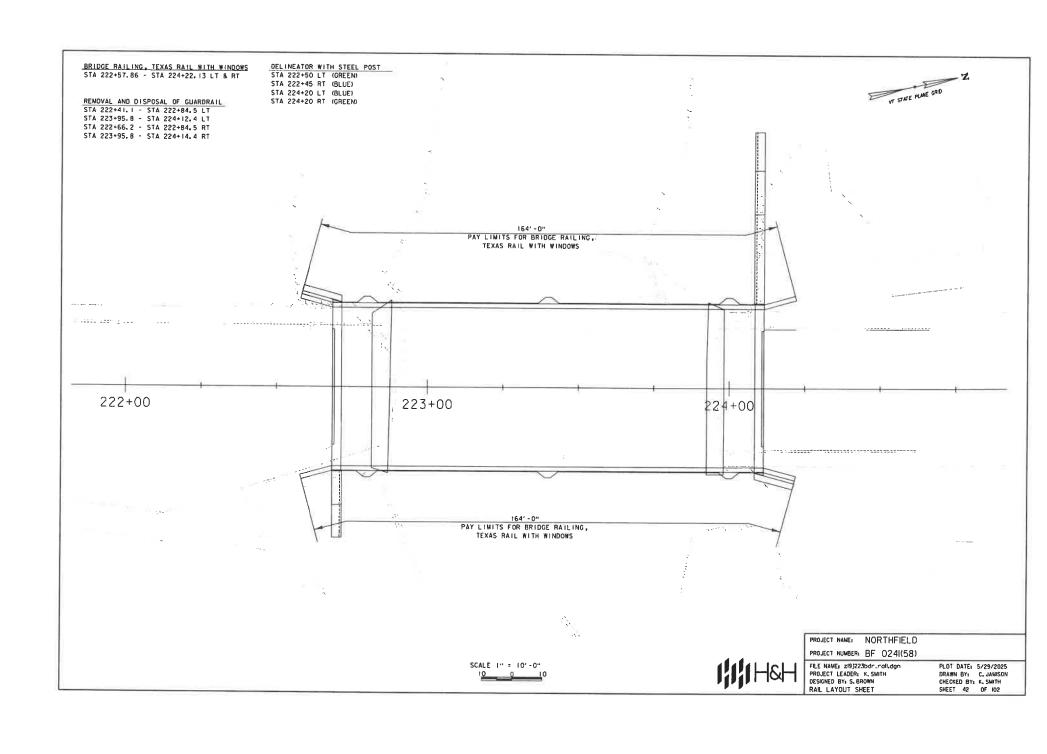
SIGN LEGEND:
R = REMOVE
S = SALVAGE = REMOVE & RESET
N = NEW
RET = RETAIN
B-B = BACK TO BACK
----- = EXISTING
---- = PROPOSED

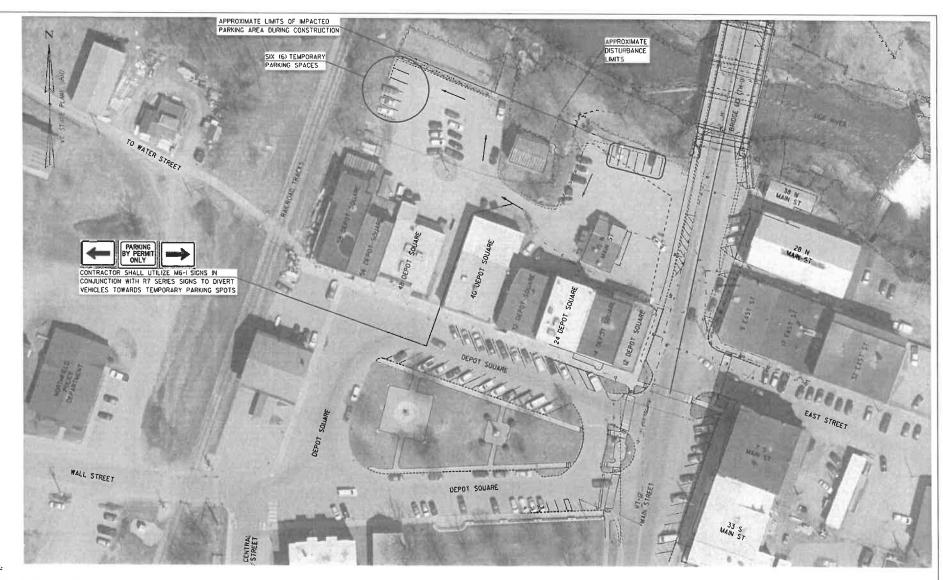
PROJECT NAME: NORTHFIELD

PROJECT NUMBER: BF 024(58)

FILE NAME: 2191223egn.dgn
PROJECT LEADER: K. SMITH
DESIGNED BY's K. HO
SIGN AND LINE TABLE SHEET

PLOT DATE: 5/29/2025 DRAWN BY: S. TANG CHECKED BY: C. JENNE SHEET 41 DF 102





NOTES:

I. TEMPORARY PARKING LAYOUT SHALL BE IN PLACE FOR DURATION OF WORK ASSOCIATED WITH UTILITIES RELOCATION AND BRIDGE REPLACEMENT.

2. LAYOUT OF SIGNAGE AND PERMIT PARKING AS SHOWN IS SCHEMATIC AND SHALL BE COORDINATED WITH THE TOWN OF NORTHFIELD.

3. COSTS FOR TEMPORARY SIGNING AND STRIPING AS SHOWN SHALL BE INCLUDED UNDER PAY ITEM 641,000 - TRAFFIC CONTROL.

SCALE I" = 30'-0" 30 0 30 PROJECT NAME: NORTHFIELD
PROJECT NUMBER: BF 0241(58)

FILE NAME: SI9J223†porking.dgn PROJECT LEADER: K. SMITH DESIGNED BY: K. HO TEMPORARY PARKING LAYOUT PLOT DATE: 5/29/2025 DRAWN BY: J. DIAZ CHECKEO BY: C. JENNE SHEET 43 OF 102

#### SOIL CLASSIFICATION

#### AASHTO

Grovel and Sand
Fine Sand
Fine Sand
Sifty or Clayey Gravel and Sand
Sifty Soil - Low Compressibility
Sifty Soil - Lip Compressibility
Clayey Soil - Law Compressibility
Clayey Soil - Law Compressibility
Clayey Soil - Highly Compressibility

#### ROCK QUALITY DESIGNATION

R.O.D. (%)	ROCK DESCRIPTION
<25 25 to 50	Very Poor
51 to 75 76 to 90	Fair Good
>90	Excellent

#### SHEAR STRENGTH

UNDRAINED SHEAR STRENGTH IN P.S.F. <250

CONSISTENCY Very Soft Soft Med. Stiff Stiff 250-500 500-1000 1000-2000 2000-4000 Very Stiff >4000

#### CORRELATION GUIDE OF "N" TO DENSITY/CONSISTENCY

	DENSITY ULAR SOILS)		NSISTENCY ESIVE SOILS)
N	DESCRIPTIVE TERM	N	DESCRIPTIVE TERM
<5 5-10	Very Loose Loose	2-4	Very Soft Soft
II-24 25-50	Med. Dense Dense	5-8 9-15	Med. Stiff Stiff
>50	Very Dense	16-30 31-60	Very Stiff Hord
		>60	Very Hard

Water Elevation Rod Sounding Sample Standard Penetration Test Blow Count Per Foot For: 2" O. D. Sampler Field Vone Shear Test Undisturbed Soil Sample Blast Diamond Core Mud Drill Wash Ahead

Plastic Limit Plasticity Index Moist To Wet Wet Saturated Boulder

NR Rec. %Rec. ROD

#### COLOR

blk bl bro dk gry gn lt pnk pu rd tn wh yel mitc Pink Blue Brown Dark Groy Green Light Purple Red Tan White

Standard Penetration Boring Auger Boring 1%".D. Sampler Hammer Weight Of 140 Lbs. Hammer Foll Of 30" VS US DC MD WA HSA BX M LL PI NP W wash Anead Hollow Stem Auger Core Size 1/s\* Core Size 15/s\* Core Size 2 /s\* Double Tube Core Barrel Used Liquid Limit Moisture Content (Dry Wgt. Bosis) MTW SOC SOC SOC HP Clay Handpan No Ledge To Depth Can Not Penetrate Further Top of Ledge Or Boulder No Recovery Le NLTD CNPF TLOB Recovery
Percent Recovery
Rock Quality Designation
California Bearing Ratio
Less Than
Greater Than Refusal (N > 100) VTSPG NAD83 - See Note 7



			n start alast ono
222+00 H-102-90	B-101A H-101M B-102 B-103Q	8-104 8-104 	225+00
20 0 20		ØH-104 B-106	

HOLE NO.	NORTHING	EASTING	STATION	OFFSET	ELEV
B-101	601218.43	1599459.36	222+71,29	22,2' LT	
B-IOIA	601222.65	1599458.73	222+75.29	23.7' LT	
B-102	601213.45	1599480.83	222+70.87	0.2' LT	698.5
B-103	601208.44	1599492,27	222+68.35	12.0' RT	700.3
B-104	601364,21	1599483.86	224+18.98	28.5' LT	701.6
B-104MW	601365,53	1599480.06	224+19.48	32.5' LT	
B-105	601352.94	1599511.91	224+13.78	1.2' RT	704.7
B-106	601347.71	1599537.30	224+13.93	27.2' RT	706.0

HOLE NO.	NORTHING	EASTING	STATION	OFFSET
H-101	60/2/5.68	1599468.47	222+70.49	12.8' LT
H-IOIMW	601213.73	1599468.06	222+68.49	12.8' L.T
H-IQ2	601161,44	1599480.88	222+20.01	10.6' RT
H-103	601373.36	1599498.83	224+31.03	15.8' LT
H-104	601363,07	1599529.46	224+27.33	16.3' RT

#### DEFINITIONS (AASHTO)

BEDROCK (LEDGE) - Rock in its native location of Indefinite thickness. BOULDER - A rock fragment with an overage dimension > 12 inches. COBBLE - Rock frogments with an overage dimension between 3 and 12 inches.

CRAVEL - Rounded particles of rock < 3" and > 0.0787" (\*10 sievel.

SAND - Particles of rock < 0.0787\*
(#10 sleve) and > 0.0029\*(#200 sleve). SILT - Soil ( 0.0029" (\*200 sieve), non or slightly plastic and exhibits no strength when air-dried.

CLAY - Fine grained soil, exhibits plasticity when moist and consideroble strength when oir-dried.

VARVED - Alternate layers of stit and clay,

HARDPAN - Extremely dense soil, cemented layer, not softened when wet.

MUCK - Soft- organic soll (containing > 10% organic material, MOISTURE CONTENT - Weight of water divided by dry weight of soll. FLOWING SAND - Granular soll so saturated (loase) that it flows into drill cooling during extraction

of wosh rod. STRIKE - Angle from magnetic north to line of intersection of bed with a horizontal plane. DIP - inclination of bed with a horizontal plane.

I. The subsurface explorations shown herein were made between 9/20/2021 and 9/28/2021 by New England Boring

SCALE: 1" = 20'-0"

2. Sall and rock classifications, properties and descriptions are based on engineering interpretation from available subsurface information by the Agency and may not necessarily reflect actual variations in subsurface conditions that may be encountered between individual backing a sample processor. boring or sample locations.

3. Observed water levels and/or conditions indicated are as record-ed at the time of exploration and may vary according to the prevail-ing rainfall, methods of exploration and other factors.

#### GENERAL NOTES

4. Engineering judgment was exercised in preparing the subsurface information presented herein, analysis and interpretation of subsurface data was performed and surface data was performed and satimating purposes. Presentation of the information in the Contract is intended to provide the Contract occess to the same data available to the Agency. The subsurface information is presented in good faith and is not intended as a substitute for personal investigation, independent interpretation, independent analysis or judgment by the Contractor.

 Pictorial structure datalis shown on the boring plan loyout ar soils profile are for illustrative purposes only and may not accurately portray final contract details.

6. Terminology used on boring logs to describe the hardness, degree of weathering, and spacing of fractures, joints and other discontinuities in the bedrack is gefined in the ASSITO Monucion

7. Northing and Easting coordinates are shown in Vermont State Plane Grid North American Datum 1983 in

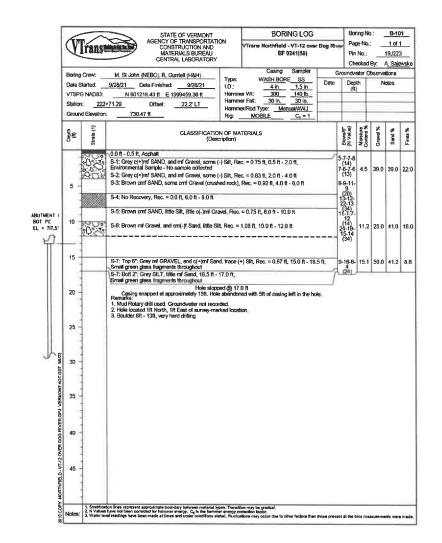


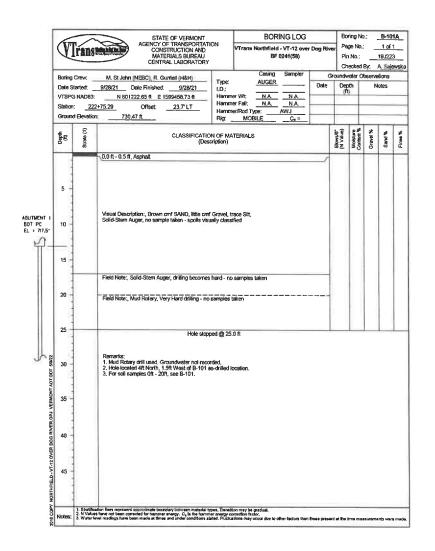
BORING CHART

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

FILE NAME: zi91223bor.dgn PROJECT LEADER: K. SMITH DESIGNED BY: S. BROWN BORING LAYOUT SHEET

PLOT DATE: 5/29/2025 DRAWN BY: S. BROWN CHECKED BY: K. SMITH SHEET 44 OF 102



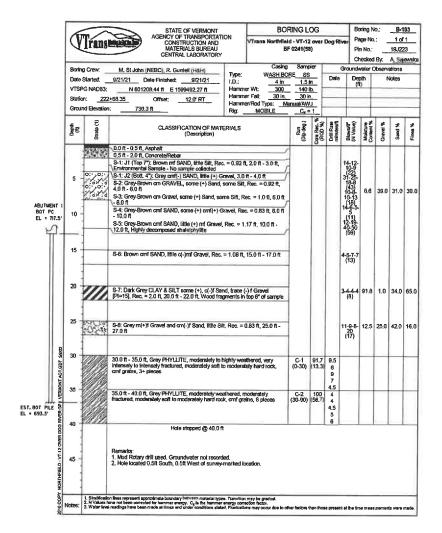




PROJECT NAME: NORTHFIELD
PROJECT NUMBER: BF 024I(58)

FILE NAME: ZIBJ223bor.dgn PROJECT LEADER: K. SMITH DESIGNED BY: R. GURRIELL BORING LOG SHEET I PLOT DATE: 5/29/2025 DRAWN BY: S. BROWN CHECKED BY: K, SMITH SHEET 45 OF 102

1		STATE OF VERMONT AGENCY OF TRANSPORTATION	261	BO	RINGL	OG			oring N		B-1	
A	lrans	CONSTRUCTION AND MATERIALS BUREAU CENTRAL LABORATORY	and .	VTrans Northfiel Bi	d - VT-12 0241(5)		Dog R	Pi	n No.: necked	_	1 of 19J22 A. Sai	23
		- T		Casing	Samo	Nor	_		_			EWSK
	g Crew:	M, St John (NEBC), R. Gurriell (H&H)	Type:	WASH BO			_	Ground	-	_	_	
Dete	Started: _	9/22/21 Date Finished: 9/23/21	I.D.:	4 in	1.5		Date			ŧ	Votes	
VTSF	G NAD83:	N 601213.45 ft E 1599480.83 ft	Hamme	r Wt: 300	140		_	-3	9	_		
Static	n: 222	+70.B7 Offset: 0,2'LT	Hamme		301		_	-	-			
Gmu	nd Bevation				anual/AV				_			
Citod	NI LICTURE	730.4811	Rig: _	MOBILE	C <sub>E</sub> =	1_						
P (5)	Strata (1)	CLASSIFICATION OF MATE (Description)	RIALS		Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate minutes/ft	Blown/6" (N Value)	Moisture Content %	Gravel %	Sand &	Fines %
	SERVIN	0.0 ft - 0.5 ft, Asphalt		- 2	-	10	-	_	-	-	+	+
		0.5 ft - 2.0 ft, Concrete/Reber			1			1		0		
5 - 10 -	•D°	S-1: Brown and SAND, little of Gravel, little (-) S 4.01, Environmental Sample - No sample collect 9-2: Grey cmf SAND, little (+) omf Gravel, Reo. : 8-3: Brown cmf SAND, little (+) omf Gravel, Reo. : Invitronmental Sample - No sample collected 9-4: Brown/Grey cmf SAND, little cmf Gravel, Re Environmental Sample - No sample collected 9-5: Bladd/Brown (-) 'mi-) / SAND, some (-) Still, Rec. = 10 ft. 1001 - 120 ft.	ed = 0.67 ft, = 0.58 ft, ec. = 1.0 f	4.DA - 6.0 A 6.0 A - 8.0 A, t, 8.0 A - 10.0 A,				10-10- 11-11 (21) 22-17- 9-4 (26) 3-3-3-4 (6) 10-9-6 (15) 9-3-6-6	6.9	15.0	59.0	21.
15		S-6: Dark Brown cmf SAND, some cm(+)f Grave 17.0 ft, Wood fragments present in sample	I, Rec. = I	D.5 ft, 15.0 ft -				3-3-4-7 (7)				
20 -		18.0 ft - 20.0 ft, Drilled through large piece of woo (Confirmed by wood stuck to casing upon remova	el)									
16		S-7: Grey/Black om SAND, Rec. = 0.17 fl, 20.0 ft Wood in tip of spoon. S-8: SAME, Rec. = 0.58 fl, 21.0 ft - 23.0 ft	:- 21.0 m,					50/2* (100) 9-7-12- 16 (19)				
25 -		8-9: Grey mf GRAVEL, tittle omf Sand, Rec. = 1.: Wood fragments present in sample	33 ft, 25.0	) n - 27.0 ft,				6-6-3-4 (9)				
30 -		S-10: J1 (Top 8"): Grey-Brown mf(+) SAND, som	e Silt, Re	c. = 1.17 ft,				14-16-	31.3	1.0	2.0	97.
- 33	10000	\30.0 ft - 31.0 ft \\$-10: J2 (Botl. 6"): Grey SILT trace (-), f Sand, tra \ft - 32.0 ft	ace (-) f G	Framel [NP], 31.0	-			14-16- 16-15 (32)				
35		32.0 ff, Approximate Top of Rock 33.0 ff. 36.01f, Grey PHYLLTE, moderately to fi moderately to slightly fractured, moderately soft to omf grains, 5+ pieces	moderat	ely hard rock,	C-1 (5-90)	91,7 (45)	6 4 4.5 12 3.5					
40		38.0 ft - 43.0 ft, Grey PHYLLITE, moderately wes moderately fractured, moderately soft to moderate 7+ pieces	thered, in ty hard ro	tensety to ick, crif grains,	C-2 (5-90)	91,7 (33.3)	7 6 6 6					
		Hole stopped @ 43.0 ft				-	10			-	-	
45		Remarks: 1. Mud Rotary drill used. Groundwater not record: 2. Hole located 0.5ft South, 2.5ft West of survey-to- 3. Lost water in casing at approximately 414 and 1	marked to	cation.								



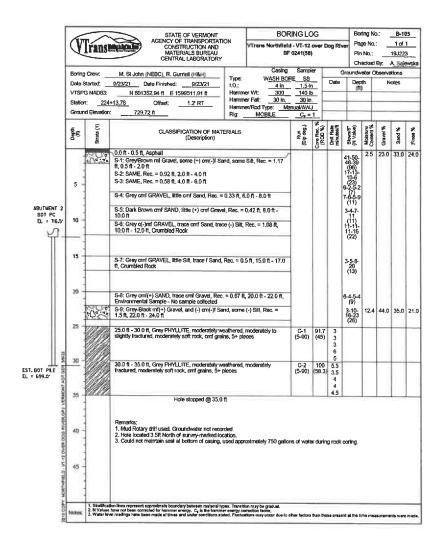


PROJECT NAME: NORTHFIELD PROJECT NUMBER: BF 0241(58)

FILE NAME: ZI9]223bor.dgm PROJECT LEADER: K. SMITH DESIGNED BY: R. GURRIELL BORING LOG SMEET 2

PLOT DATE: 5/29/2025 DRAWN BY: 5, BROWN CHECKED BY: K, SMITH SHEET 46 OF 102

Boring Crew.   M. St. John (NEBC), R. Gurriel (148H)   17pc:   WASH BORGE   SS   WASH BORGE   WASH BO		Q	Trans		AGENCY OF CONST MATER	OF VERMONT TRANSPORTATI RUCTION AND RIALS BUREAU L LABORATORY		VTrans	Northfield BF	0241(58)	over C	Dog Ri	ver Pa	nng No ge No. No.; ecked	-	1 of 19J22 A. Saj	3
Date Started: 97/42/2   Oate Prinished: 97/42/2   VTSPG NAD03: N 601304 21 ft E 1599403.66 ft Station: 224+18.98   Offset: 28.5 LT Ground Elevation: 729.56 ft   Station: 24+18.98   Offset: 28.5 LT Ground Elevation: 729.56 ft   Station: 24+18.98   Offset: 28.5 LT Ground Elevation: 729.56 ft   Station: 24+18.98   Offset: 28.5 LT Ground Elevation: 729.56 ft   Station: 24+18.98   Offset: 28.5 LT Ground Elevation: 729.56 ft   Station: 729.56 ft   St		Bori	ng Crew:	M. St John	(NEBC), R. Gur	riel (H&H)					er		Groundw	ater O	oserva	ations	
VTSPG NAD08: N 601304 21 ft E 1599403.66 ft   Station:		Date	Started:	9/24/21	Date Finished	9/24/21					- T	Date	Dep	th	N	lotes	
Station:   224+16.90   Offset:   28.5 LT   Hammer/Rod Type:   Memous/AVII.		VTS	PG NAD83:	N 6013	384.21 ft E 15	99483,66 ft	Hamm				_  -	0/20/2			1048	AN DA	odina
CLASSIFICATION OF MATERIALS   Set		Stat	on: <u>22</u> -	4+18.98	Offsel:	28.5' LT						012012	10.	- 1	J- 10414	177 140	ouiing
CLASSIFICATION OF MATERIALS  (Description)  (Descri		Gro	and Elevation	n: <u>729.</u>	56 ft									-		_	_
0.0.0.1.0.15, ft, Aspthalt   12.16   13.16		Depth	Strata (+)		CLASSIFI		ERIALS			Run (Dip deg.)	Ore Rec. % (ROD %)	Drill Rate minutes/fl	Blows/ff* (N Value)	Mosture Content %	Gravel %	Sand %	Fines %
### ABUTIMENT 2 ### BOT PC ### CL = 71.5.5**  10		-	-	0.0 ft - 0.5 ft,	Asphalt						0	-	_	Ť	$\vdash$	-	-
15	BOT PC	2	0:70:	Environmenta S-2: Brown or S-3: SAME, F S-4: Brown or S-5: SAME, F	al Sample - No s mf(+) SAND, little Rec. = 0.83 ft, 4. mf SAND, some Rec. = 0.75 ft, 8. Grey mf Gravel, s	ample collected te cmf Gravel, Rec 0 ft - 6.0 ft : (+) cmf Gravel, R 0 ft - 10.0 ft come (+) Sitt, som	c, = 0.83 f	1, 2.0 ft - 5 ft, 6.0 l	4.0 ft 1 - 8.0 ft				10:12- 12:13 (24) 9-10- 12:28 (22)	8.9	47.0	20.0	33.0
S-7. Jar A (top 6"): Brown and GRAMUS and the SIII, Rec. =   1.07	Ĭ.	H	00			led rock							21-50 (31)				
20 S.S. Dark Brown of Ymr SAND, some Bilt, Rec. = 1.5 ft, 20.0 ft - 22.0 ft, Wood fragments throughout surraje Wood fragments throughout surraje 2.5 S.S. Greey of Ymr Sand, end (*) m(+)f Grewel, Biltle (+) Silt, Rec. = 1.26 ft, (20) S.S. 10: WhiteView orn SAND, some (+) of -Imr Greevel, Biltle Silt, Rec. = 1.26 ft, (20) S.S. 10: WhiteView orn SAND, some (+) of -Imr Greevel, Biltle Silt, Rec. = 1.26 ft, (20) S.S. 10: 27.0 ft, Decomposed Flock (59) S.S. 10: 27.0 ft, Decomposed Flock		15	1202	- 0.75 ft, 15.01	p 6"); Brown cm N - 16.5 ft, Parti	if GRAVEL, some all Environmental S	cmf Sand Sample - v	l, little Si ery smal	It, Rec. =				9-11- 42-6 (53)				
S-8. Clark Ricken (c)-inf SAND, some Silt, Rec. = 1.5 ft, 20.0 ft : 22.0 ft, (9) (9) (9) (9) (9) (9) (9) (9) (9) (9)	Ш		1	S-7: Jar B (Bo	ott. 3"); Black Cl	AY & SILT, 16.5	ft - 17.0 ft		- 1								
25 S-10: White/Crey crif SAND, some (+) cf./mf Greavel. Ritle Silt, Rec. = 0.83 ft, 25.0 ft - 27.0 ft, Decomposed Rock (5.96)  28 0 ft, Approximate Top of Rock (25 0 ft - 27.0 ft, Decomposed Rock (5.90)  28 0 ft, Approximate Top of Rock (5.90)  28 0 ft, Approximate Top of Rock (5.90)  29 0 ft, Approximate Top of Rock (5.90)  29 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  21 0 ft, Approximate Top of Rock (5.90)  22 0 ft, Approximate Top of Rock (5.90)  23 0 ft, Approximate Top of Rock (5.90)  24 0 ft, Approximate Top of Rock (5.90)  25 0 ft, Approximate Top of Rock (5.90)  26 0 ft, Approximate Top of Rock (5.90)  27 0 ft, Approximate Top of Rock (5.90)  28 0 ft, Approximate Top of Rock (5.90)  28 0 ft, Approximate Top of Rock (5.90)  29 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90)  20 0 ft, Approximate Top of Rock (5.90		20		Wood fragme	ents throughout	sample											
0.83 ft, 22.0 ft, 22.0 ft, Decomposed Rock  28 0 ft, Approximate Top of Rock  28 0 ft, Approximate Top of Rock  29 0 ft, Approximate Top of Rock  29 0 ft, Approximate Top of Rock  29 0 ft, Approximate Top of Rock  29 0 ft, Approximate Top of Rock  29 0 ft, Approximate Top of Rock  5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		25	. D. з.										(20)	12.2	39.0	43.0	18,
28 30 - 29.0 ft - 34.0 ft, Grey PHYLLTE, moderately to dightly weethered, elightly (C-1 100 4.5 4.5 4.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5		"	-	0.83 ft, 25.0 f	ft - 27.0 ft, Deco	mposed Rock	Greavel, li	ttle Silt, I	Rec. =				15-26- 33-50 (59)				
BOT PILE States of the state of		2	VIIII	28 0 ft, Appro	oximate Top of R	lock	a Kabiba u	nalhara	1 eliobth	C.1	100	4.6	_	-	-	-	⊢
BOT PILE 694.6  34 0 P 39 0 Pl. Crey PHYLLTE: slightly weathered, moderately to slightly finchured, moderately sent to moderately hard rock, and grains, 6+ peces.  (5-80) (68.7) 4.5  (6.5) 7  9  Hole stopped @ 39.0 ft  Plemarks: 1. Must Rotary drill used, Groundwater not recorded. 2. Hole located 4ft North, 1ft West of survey-marked location. 3. 8-10-4MW installed 0.5ft North, 4ft West of B-104 as-drilled location.		30		fractured, mg	ideralely soft roo	k, omf grains, 7+	pieces	ज्या स्टब्स	r' cultury	(5-80)		4.5 5 5					
Hole stropped @ 39.0 ft  40 Hole stropped @ 39.0 ft  Flemarks:  1. Mud Rolary drill used. Groundwater not recorded.  2. Hole located 4ft North, 1ft West of survey-marked location.  3. B-104MW installed 0.5ft North, 4ft West of B-104 es-drilled location.	30T PILE 694.6	Right William		fractured, mo	denately soft to	moderately hard ro	nered, moo ock, cmf g	derately f rains, 64	o slightly pieces.			5 4.5 6.5 7					
Remarks:  1. Mod Rolary drill used. Croundwater not recorded.  2. Hole located 4R North, 1ft West of survey-marked location.  3. B-104MW Installed 0.5ft North, 4ft West of B-104 as-drilled location.		M 40	THE REAL PROPERTY.	1	Hol	e stopped @ 39.0	ft				_	9	_		1		_
G 1		ORTHFIELD - VI-12 OVER DOG		Mud Rotar     Hole locate	ed 4ft North, 1ft	West of survey-ma	arked loca	ition. trilled loo	eation.								
Signification libes represent approximate boundary between material types. Transition may be produce     Notices: A Vidual have not been contended for famous enemgy. C <sub>0</sub> is the harmonic energy convention feature.     Notices: 3. When the materiality have been made at times and confidence of conditions stated. Exclusions may accord us to their factors than those present at the inner managements were			1. Stretthca	Idon lines represent	approximate bounds	ry between material to	roes. Transil	on may be	pakai	_							_



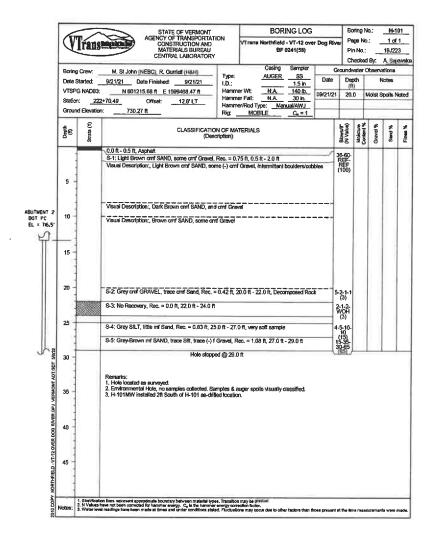


PROJECT NAME: NORTHFIELD PROJECT NUMBER: BF 0241(58)

FILE NAME: zi9J223bor.dgn PROJECT LEADER: K.SMITH DESIGNED BY: R.GURRIELL BORING LOG SHEET 3

PLOT DATE: 5/29/2025 DRAWN BY: S. BROWN CHECKED BY: K. SMITH SHEET 47 DF 102

	4	Trans		STATE OF VERMONT AGENCY OF TRANSPORTATI CONSTRUCTION AND MATERIALS BUREAU CENTRAL LABORATORY	ION	VTrans Northfiel Bi	F 0241(58	OVer	Dog Ri	Pa Pir	ring N ge Na n No,: eaked	· _	B-1 1 of 19J22 A. Sa	1
	Date VTSi Stati	ng Crew: Started: PG NAD83: on:224 and Elevation	9/20/21 0 N 6013 +13.93	(NEBC), R. Gurriell (H&H) Date Finished:	Type: I.O.: Hamme Hamme Hamme Rig:	er Fall: 30 in.		n b.	Date	Groundy Dep (f	oth	_	ations lotes	
	Depth	Stratta (1)		CLASSIFICATION OF MATI (Description)	ERIALS		Run (Dip deg.)	Core Rec. % (ROD %)	Onli Rate minutes/fi	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand 16	Fires %
ABUTMENT 2 BOT PC EL = 716.5'	5	9000 9000	0.0 ft - 2.0 ft, S-2 Brown or 2.0 ft - 4.0 ft, S-3: Grey cmi ft - 6.0 ft S-4: Grey cmi ft - 8.0 ft S-5: Grey cmi ft - 10.0 ft	nt SAND, Ritle card Greek, great/ Environmental Sample - no sample in SAND, Ritle card Greek, great/ Environmental Sample - no sample - 15 BAND, some (+) I Gravel, little - 15 SAND, some (+) I Gravel, little - 15 SAND, some (+) I Gravel, little - 15 SAND, some (+) I Gravel, little - 16 SAND, some (+) I Gravel, little - 16 SAND, some (+) I Gravel, little - 18 SAND, trace I Grav - 0.11	e laken organics, F e taken (+) Silt, R (+) Silt, R (+) Silt, R	teo. = 0.42 ft, ec. = 1.0 ft, 4.0 ec. = 1.17 ft, 6.0 ec. = 0.5 ft, 8.0				4-6-13- 17 (19) 15-12- 9-8-6-5 (12) 9-8-6-5 (18) 9-8-10- 16 (18) 8-10- 10-10 (20)		32.0	50.0	18.0
	15	0: 0:	8-7: Brown f 8 17.0 ft	SAND, some SIN, trace (-) If Gravel	, Rec. = 0	75 ft, 15.9 ft -				6-8-9- 11 (17)	17.4	1.0	73.0	26.0
	20	0.70	22.0 ft, Large Environmental	SAND, some Silt, trace (-) f Gravel wood fragment in center of sample I Sample - no sample taken +) Gravel, some (+) of Sand, some	•	/				4-3-1-1 (4) 4-12- 21- 60/3*	10,6	40.0	32.0	28,0
28077	25		24.0 ft, Appro	whete Top of Rock I, Grey PHYLLITE, slightly weather frock, mil grains, 12 pleces	red mode	rately tractured,	C-1 (30-90)	96.7 (63.3)	3.5 5.5 6.5 6 6.5	(33)				
BOT PILE 6			30.0 ft - 35.0 t moderately so	1, Grey PHYLLITE, slightly weathe Il rock, mf grains, 3+ pieces	red, slight	ly fractured,	C-2 (60)	100 (91,7)	7.5 8 8 7					
NORTHFIELD - VT-12 OVER DOG RIVER GPJ. VERMONT	35 ·		Remarks: 1. Mud Rotary 2. Hole located	Hole stopped @ 35.0 f drill used. Groundweter not record as surveyed.					7,5					
IS COPY NO		1. Stratification 2. N Values F	on lines represent ap save not been correc	optoormate boundary between material type and for hammer energy. C <sub>a</sub> is the harmon h made at times and under conditions state	e. Transition	may be gradual.	her factors (	_	_	_	_			

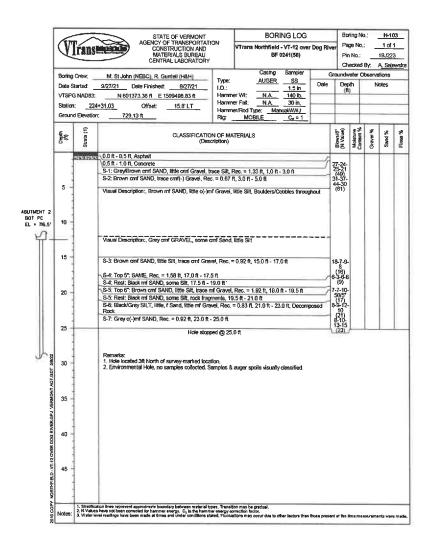




PROJECT NAME: NORTHFIELD PROJECT NUMBER: BF 024(58)

FILE NAME: zi9J223bor.dgn PROJECT LEADER: K. SMITH DESIGNED BY: R. GURRIELL BORING LOG SHEET 4 PLOT DATE: 5/29/2025 DRAWN BY: S. BROWN CHECKED BY: K, SMITH SHEET 48 OF ID2

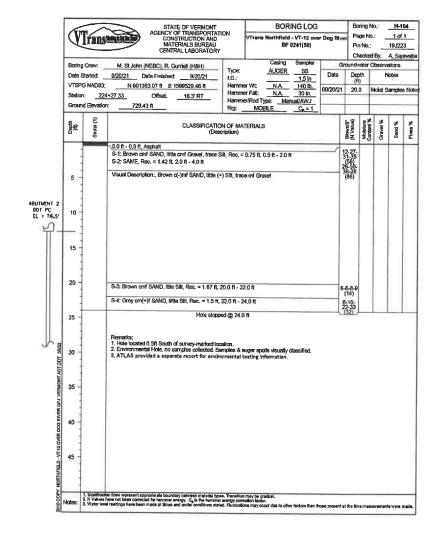
				ATE OF VERMONT			BOR	ING LOG		Bo	ring N	lo:	H-1	02_
A	rans!		COI MA	OF TRANSPORTA NSTRUCTION AND TERIALS BUREAU TRAL LABORATOR		VTrans		- VT-12 ove 0241(58)	er Dog Ri	Pir	ge No.: No.: ecked	_	1 of 19,J22 A. Saj	3
Boring	Crew:	M St.John	(NERC) R	Gurriell (H&H)			Casing	Sampler	1	Groundy			_	
1 '	Started:		Date Finishe		Type:		AUGER		Date	Dec	th		lotes	
	G NAD83:			1599480.88 ft	. 1.D.: Hamm	or WH-	N.A.	1.5 in 140 lb.		(ri			-	
1					Hamm		N.A	30 ln.	09/22/2	1 17.	D	Moist S	ipoils h	loted
Statio		-20.01	Offsel:	10.6° RT	Hamm	er/Rod Ty	ype: Ma	LWA/Jsun						
Groun	d Elevation:	730.	78 ft		Rig	MOI	3ILE	C <sub>p</sub> = 1						
Depth (18)	Strata (1)			CLASSIFICATI (De	ION OF MA escription)	TERIALS	3			Blows/8" (N Vetue)	Moisture Content %	Gravel %	Sand %	Fines %
	PERMISSIN	0.0 ft - 0.5 ft,	Asphalt						-		1	+-		$\vdash$
1		0.5 ft - 2.0 ft,									0			
1		S-1: Grey/Bro	own ormi SAI	ND, trace ntf Gravel,	Rec. = 1.2	5 ft, 20 ft	- 4.0 ft			25-30-				
1.	1 1	S-2: Brown o	raf SAND lit	tle Silt, trace f Grave	N Rec = 1	17 ft 4.0	ff_800		_	(56)				
5 -			07-10, 110	ac on, none i Gine		11, 4.0	0.0 11			25-30- 26-26 (56) 11-21- 23-25 (44)		1		
1 :	One	Field Note:, C								(44)		1		
1		Visual Descri	ption:, Brown	n omf SAND, little Si	ilt, trace f G	ravel			_			1		
10														
15	299	Field Note:, E	Houlder											
20 -				D, trace Silt, Rec. =	•					8-11- 14-16 (25)				
25		S=4: SAME, 2 SPT values o Rec. = 2.0 ft	22.0 ft - 25.0 correlate to m	Ift, Spoon over-drive viddle 2ft (22.5 - 24.5	en to collect 5) opped @ 25.		for environ	mental sam	ple.	14-20- 27-35 (47)	L			
30 -		Remarks: 1, Hole locate 2. Environme	ed 0.5ft Sout entail Hole, no	th of survey-marked samples collected.	focation.		oils visually	/ classified.						
VERSIONT AOT OF														
2010 COPY NORTHFIELD - UT-12 OVER GOOD RIVER GOT L'ERRICHIT AOT GOT S A023														
THPIBLO - VT-12 OV														
Notes:	1. Stratificat 2. N Values 3. Water lev	on lines represent have not been corr el readings have be	approximate bo acted for harm sen made at tim	rundary between meterial rer energy, C <sub>g</sub> is the hom- ee and under conditions	types. Transit iner energy or stated, Fluctu	on may be rection fac tilons may o	gradual, tor, secur due lo c	other factors tha	n those pres	ent at the t	íme m	sasurem	ents wer	e mad



HAH

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

FILE NAME: z19J223bor.dgn PROJECT LEADER: K, SMITH DESIGNED BY: R, GURRIELL BORING LOG SHEET 5 PLOT DATE: 5/29/2025 DRAWN 8Y: S. BROWN CHECKED BY: K. SMITH SHEET 49 OF 102

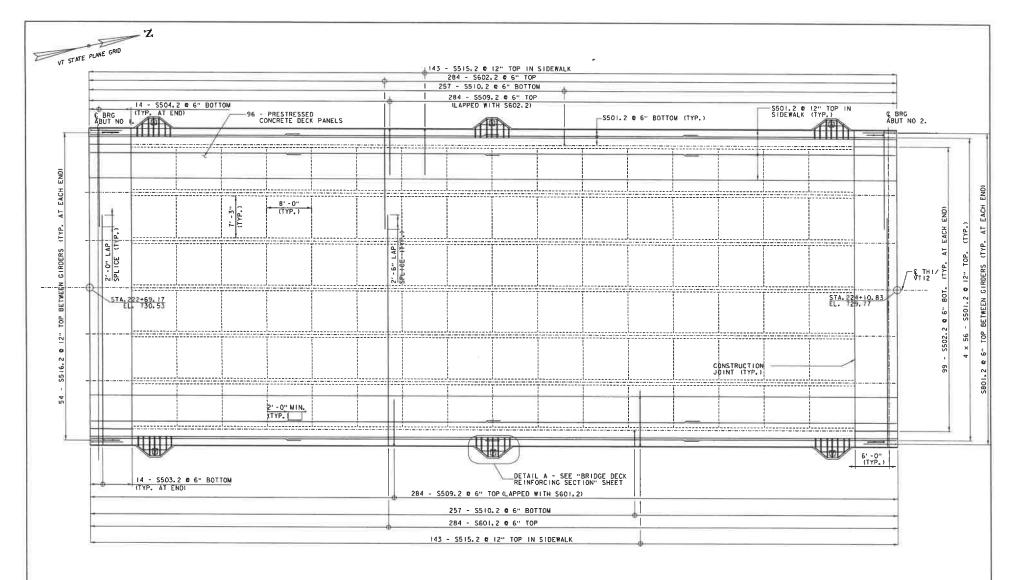


1111H&H

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

FILE NAME: 219]223bor.dgn PROJECT LEADER: K. SMITH DESIGNED BY: R. GURRIELL BORING LOG SHEET 6

PLOT DATE: 5/29/2025 DRAWN BY: S. BROWN CHECKED BY: K. SMITH SHEET 50 OF 102



NOTES!

1. BRIDGE RAIL REINFORCEMENT NOT SHOWN FOR CLARITY. SEE "BRIDGE RAILING DETAILS I" AND "BRIDGE RAILING DETAILS 2" FOR BRIDGE RAIL REINFORCEMENT DETAILS.

2. SEE "ABUTMENT I REINFORCEMENT" AND 
"ABUTMENT 2 REINFORCEMENT" FOR STEM 
REINFORCEMENT DETAILS.

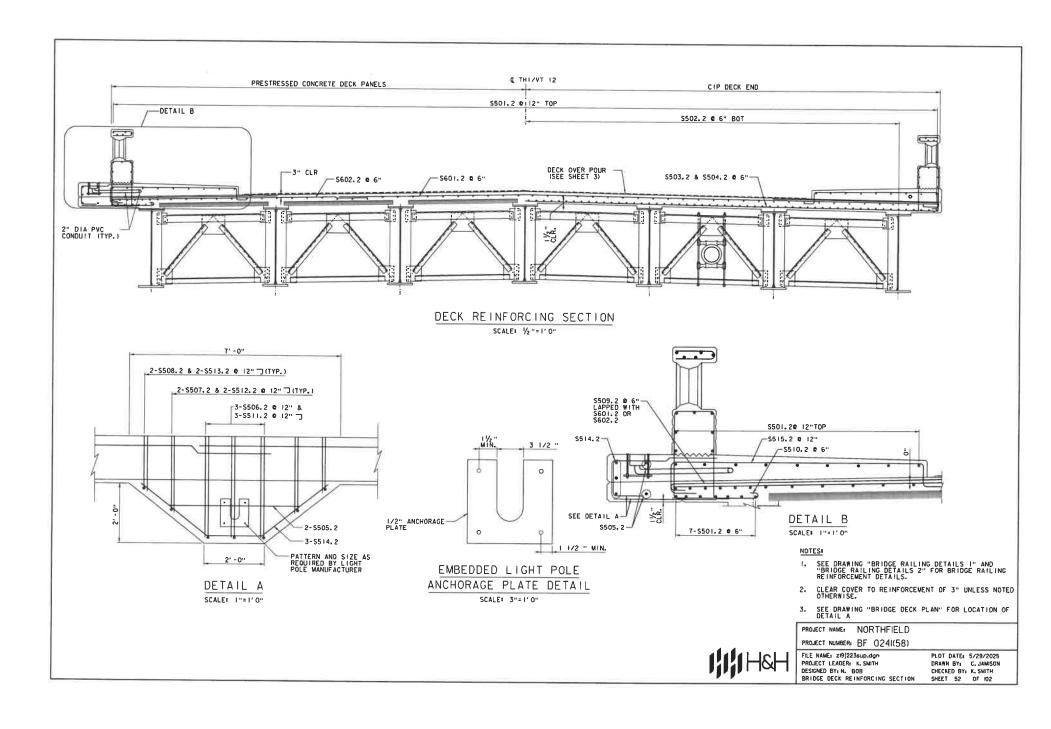
DECK REINFORCEMENT PLAN

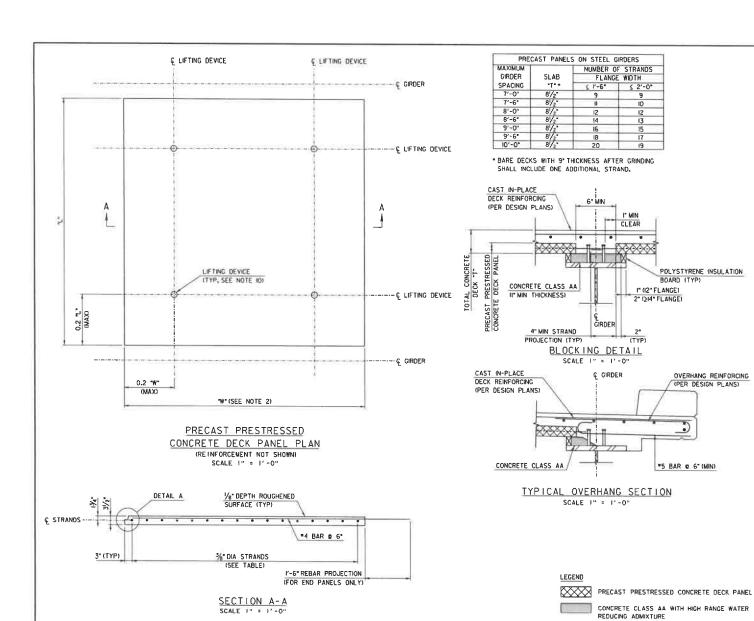
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PROJECT NAME: NORTHFIELD PROJECT NUMBER: BF 0241(58)

FILE NAME: ZI9J223sup.dgn PROJECT LEADER: K. SMITH DESIGNED BY: N. BOB BRIDGE DECK PLAN PLOT DATE: 5/29/2025
DRAWN BY: C. JAMISON
CHECKED BY: K. SMITH
SHEET 51 OF 102





### GENERAL NOTES:

- 1. PRECAST DECK PANELS SHALL CONFORM TO STANDARD SPECIFICATION SECTION 510 - PRESTRESSED CONCRETE. REINFORCING BARS SHALL MEET THE REQUIREMENTS OF SECTION 507 - REINFORCING STEEL.
- 2. THE TYPICAL PANEL WIDTH IS 8' -0". PANEL WIDTHS OF LESS THAN 8' -O" MAY BE USED. PROVIDE STRANDS IN THE RATIO OF THE SMALLER PANEL WIDTH TO B' -O" . MULTIPLIED BY THE NUMBER OF STRANDS SHOWN, ROUNDING UP TO THE NEXT EVEN NUMBER OF STRANDS. THE MINIMUM PANEL WIDTH IS 3' - D".
- 3. THE CONTRACTOR SHALL SUBMIT WORKING DRAWINGS SHOWING THE EXACT LAYOUT OF PANEL TYPES AND SIZES.
- 4. PRESTRESSING STRANDS SHALL BE %" DIAMETER. GRADE 270 7 - WIRE LOW RELAXATION STRANDS CONFORMING TO THE REQUIREMENTS OF AASHTO M203 (ASTM A416). INITIAL TENSION SHALL BE 17.2 KIPS PER STRAND.
- 5. REINFORCING BARS SHALL HAVE THE SAME LEVEL OF CORROSION RESISTANCE AS THE REINFORCING BARS IN THE CAST-IN-PLACE PORTION OF THE DECK.
- 6. CONCRETE FOR PRECAST PRESTRESSED CONCRETE DECK PANELS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5,000 PSI AND A MINIMUM RELEASE STRENGTH OF 4,000 PSI.
- 7. DURING ERECTION, PRECAST PRESTRESSED CONCRETE DECK PANELS SHALL ALIGN VERTICALLY TO WITHIN 1/4 INCH.
- 8. POLYSTYRENE INSULATION BOARD SHALL BE CONTINUOUS. HIGH-DENSITY AND SHALL BE CUT IN THE FIELD TO THE REQUIRED THICKNESS.
- DECK PANELS ARE REQUIRED TO BE GROUTED IN PLACE PRIOR TO PLACEMENT OF THE CAST IN-PLACE DECK. TOP OF GROUT BED SHALL BE A MINIMUM OF I" BELOW THE STRAND EXTENSIONS.
- 10. LIFTING DEVICE SELECTION AND DESIGN SHALL BE THE RESPONSIBILITY OF THE FABRICATOR. A MINIMUM OF FOUR DEVICES SHALL BE INSTALLED.
- 11. REGARDLESS OF THE CURING METHOD FOR THE HAUNCH POUR. FULLY SATURATE CONTINUOUSLY, THE TOP AND SIDE SURFACES OF THE PANELS FOR THREE DAYS AFTER THE HAUNCH POUR AND PRIOR TO THE OVER POUR. PROCEDURE OF THE WETTING METHOD SHALL BE DETERMINED BY THE CONTRACTOR AND SUBMITTED FOR APPROVAL TO THE RESIDENT ENGINEER.
- 12. TEMPORARY BRACING BETWEEN PANELS SHALL BE PROVIDED AS REQUIRED TO PREVENT PANEL MOVEMENT TRANSVERSE TO THE GIRDERS. TEMPORARY BRACING DETAILS SHALL BE PROVIDED IN THE PANEL FABRICATION DRAWINGS AND/OR ERECTION PLAN.

CONCRETE CLASS AA WITH HIGH RANGE WATER

POLYSTYRENE INSULATION BOARD (TYP)

OVERHANG REINFORCING

(PER DESIGN PLANS)

\*5 BAR @ 6" (MIN)

I" (12" FL ANGE)

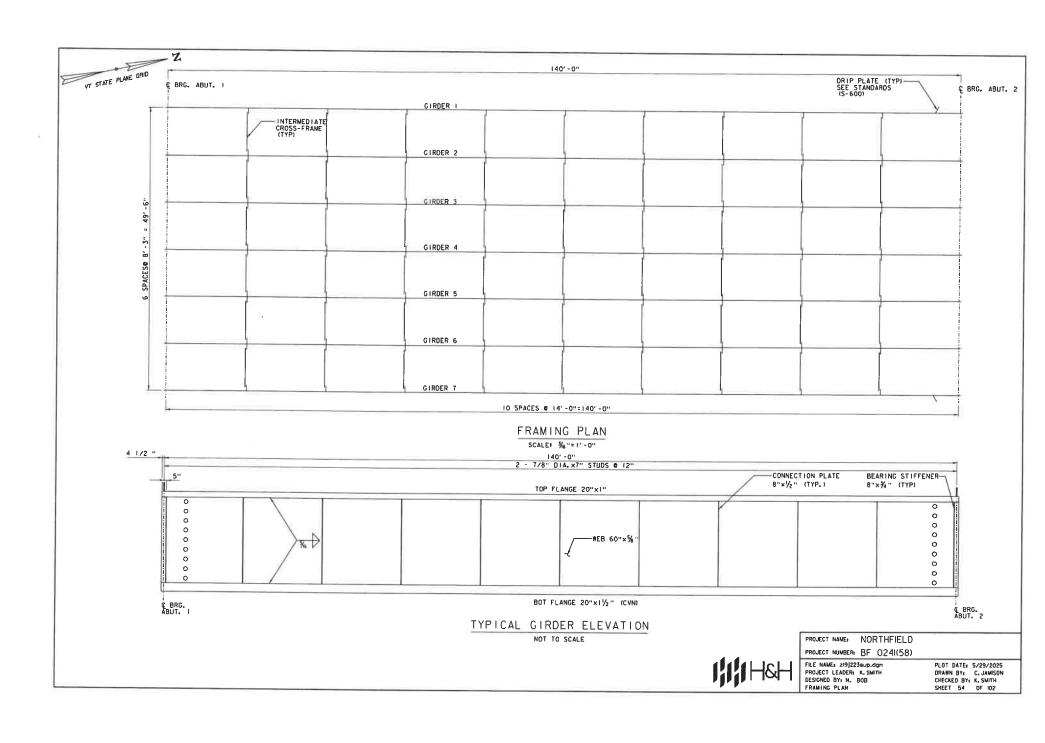
2" (214" FLANGE)

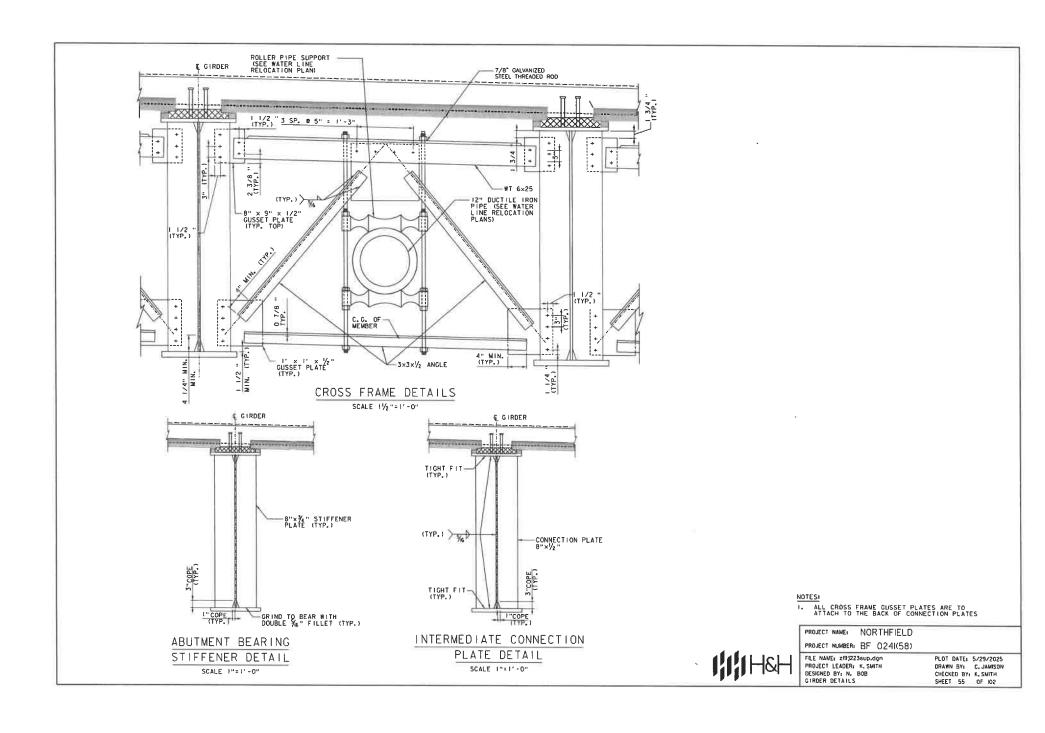
10

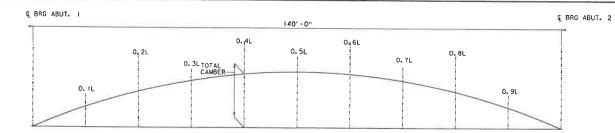
FILE NAME: zi9J223sup.dan PROJECT LEADER: K. SMITH DESIGNED BY: VTRANS BRIDGE DECK DETAILS

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

> PLOT DATE: 5/29/2025 DRAWN BY: VTRANS CHECKED BY: YTRANS SHEET 53 OF 102







## CAMBER DIAGRAM

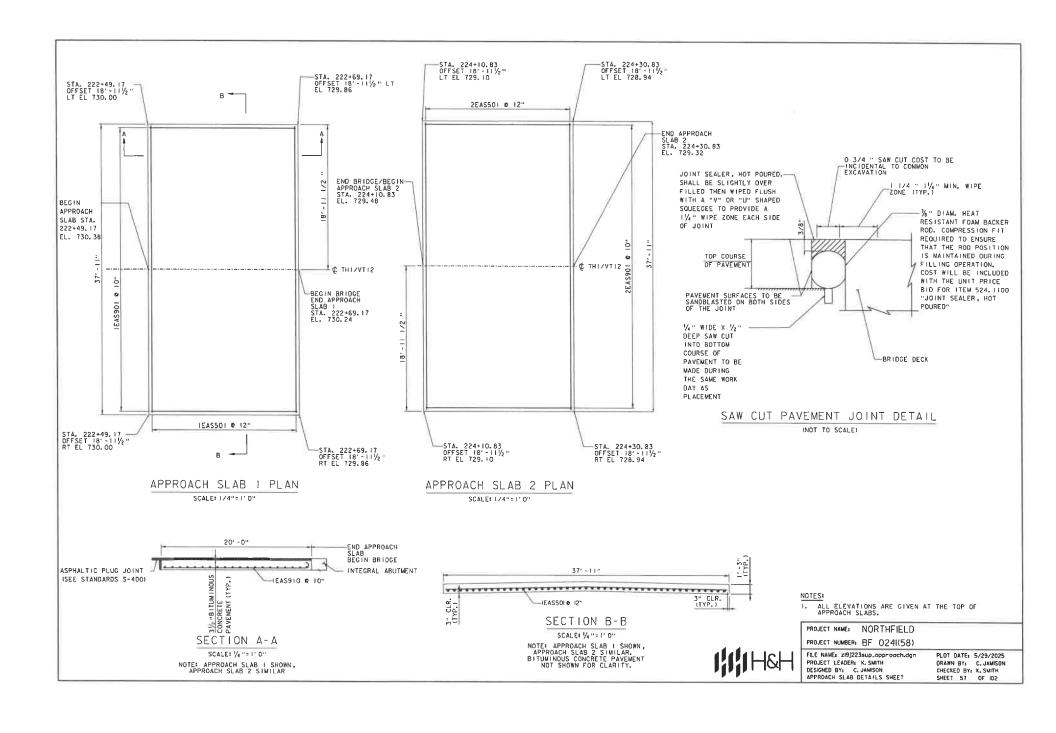
NOT TO SCALE

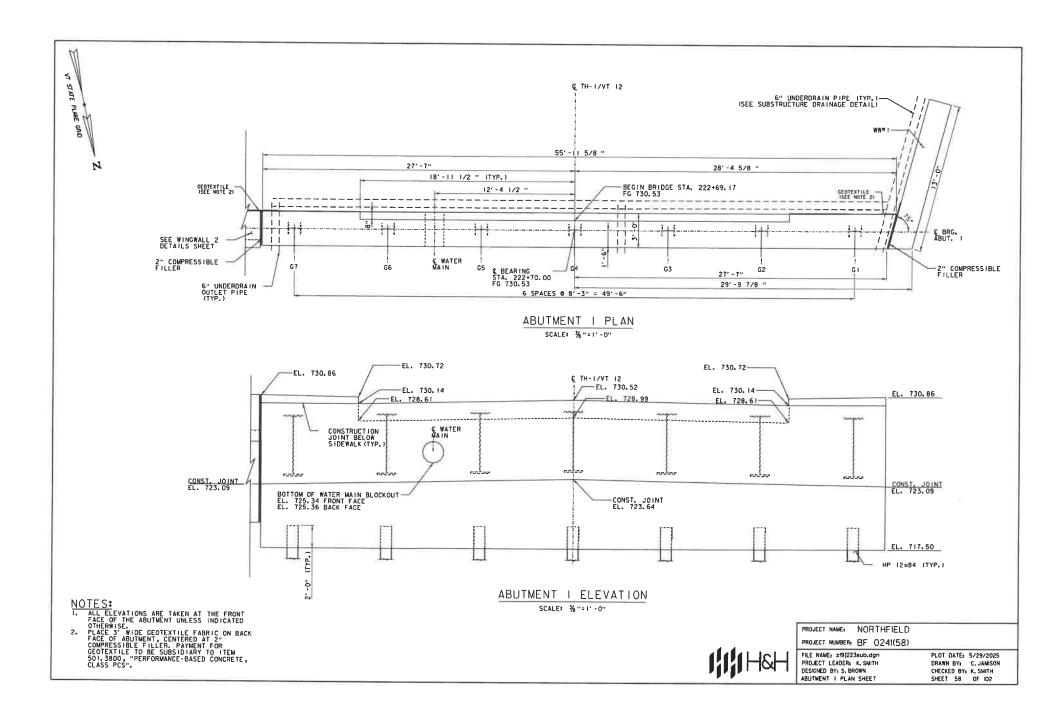
			CA	MBER	TAB	LE						
GIRDER		BRG ABUT. I	0. IL	0. 2L	0. 3L	0. 4L	0. 5L	0. 6L	0.7L	0. 8L	D. 9L	BRG ABUT.
	I. STEEL DL (IN.)	0.00	-0.48	-0,90	-1.23	-1.45	-1.52	-1.45	-1.23	-0.90	-0.48	0.00
	II. CONCRETE DL (IN.)	0.00	-1.39	-2.62	-3.59	-4.21	-4.42	-4.21	-3.59	-2.62	-1.39	0.00
ļ	III. SUPERIMPOSED DL (IN.)	0.00	-0.44	-0.83	-1.14	-1.33	-1.40	-1.33	-1.14	-0,83	-0.44	0.00
	TOTAL (IN. )	0.00	-2.30	-4.35	-5.96	-6.98	-7.33	-6.98	-5.96	-4.35	-2.30	0.00
	I. STEEL DL (IN.)	0,00	-0.48	-0.90	-1.23	-1.45	-1.52	-1.45	-1.23	-0.90	-0.48	0.00
	II. CONCRETE DL (IN.)	0.00	-1.72	-3.26	-4.46	-5.22	-5.48	-5.22	-4.46	-3.26	-1.72	0.00
2	III. SUPERIMPOSED DL (IN.)	0.00	-0.42	-0.79	-1.08	-1.27	-1.33	-1.27	- 1, 08	-0.79	-0.42	0.00
	TOTAL (IN.)	0.00	-2.62	-4.95	-6.7B	-7.94	-8.33	-7.94	-6.78	-4.95	-2,62	0.00
	I. STEEL DL (IN.)	D. 00	-0.48	-0.90	-1.23	-1.45	-1.52	-1.45	-1.23	-0.90	- D. 4B	0.00
	II. CONCRETE DL IIN.)	0.00	-1.72	-3.26	-4.46	-5.22	-5.48	-5.22	-4.46	-3.26	-1.72	0.00
3	III. SUPERIMPOSED DL (IN.)	D. 00	-0.42	-0.79	- I. OB	-1.27	-1.33	-1.27	- 1.08	-0.79	-D. 42	0.00
	TOTAL (IN.)	0.00	-2.62	-4.95	-6.78	-7.94	-8.33	-7.94	-6.78	-4.95	-2.62	0.00
	I. STEEL DL (IN.)	0.00	-0.48	-0.90	-1.23	-1.45	-1.52	-1.45	-1.23	-0.90	-0.48	0.00
	II. CONCRETE DL (IN.)	0.00	-1.72	-3,26	-4.46	-5.22	-5.48	-5.22	-4.46	-3,26	-1,72	0.00
4	III. SUPERIMPOSED DL (IN.)	0.00	-0.42	-0.79	-1.08	-1.27	-1.33	-1.27	-1.08	-0.79	-0, 42	0.00
	TOTAL (IN.)	0.00	-2.62	-4.95	-6.78	-7.94	-8.33	-7.94	-6.78	-4.95	-2.62	0.00
	I. STEEL DL (IN.)	0.00	-0.48	-0.90	-1.23	-1.45	-1.52	-1.45	-1.23	-0.90	-0.48	0.00
	II. CONCRETE DL (IN.)	0.00	-1.72	-3.26	-4.46	-5.22	-5.48	-5.22	-4,46	-3.26	-1.72	0.00
5	III. SUPERIMPOSED DL (IN.)	0.00	-0.42	-0.79	-1.08	-1.27	-1.33	-1.27	-1.08	-0.79	-0.42	0.00
	TOTAL (IN.)	0.00	-2.62	-4.95	-6.78	-7.94	-8.33	-7.94	-6.78	-4.95	-2.62	0,00
	I. STEEL DL (IN.)	0.00	-0.48	-0.90	-1-23	-1.45	-1.52	- 1. 45	-1.23	-0.90	-0.48	0.00
	II. CONCRETE DL (IN.)	0.00	-1.72	-3.26	-4.46	-5.22	-5.48	-5.22	-4.46	-3.26	-1.72	0.00
6	III. SUPERIMPOSED DL (IN.)	0.00	-0.42	-0.79	-1.08	-1,27	-1.33	-1.27	-1.08	-0.79	-0.42	0.00
	TOTAL (IN.)	0.00	-2.62	-4.95	-6.78	-7.94	-8.33	-7.94	-6.78	-4.95	-2.62	0.00
	1. STEEL DL (IN.)	0.00	-O. 4B	-0.90	-1,23	-1,45	- 1.52	- 1. 45	-1.23	-0.90	-0.48	0.00
	II. CONCRETE DL (IN.)	0.00	-1.39	-2.62	- 3, 59	-4,21	-4.42	-4.21	-3.59	-2.62	-1.39	0.00
7	III. SUPERIMPOSED DL (IN.)	0.00	-0.44	-0.83	-1,14	-1.33	-1.40	-1,33	-1,14	-0.83	-0.44	0.00
_	TOTAL (IN.)	0.00	-2.30	-4.35	-5.96	-6.98	-7.33	-6.98	-5.96	-4.35	-2,30	0.00

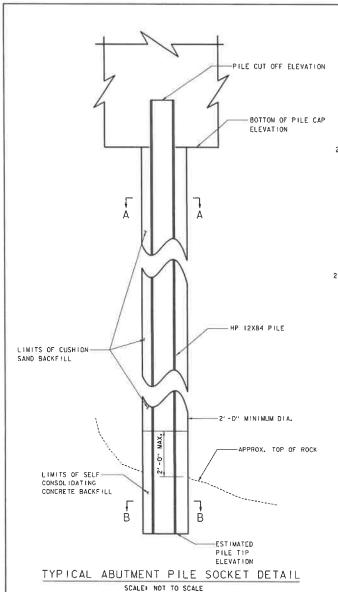
IIIIH&H

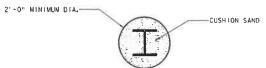
PROJECT NAME: NORTHFIELD
PROJECT NUMBER: BF 0241(58)

FILE NAME: z193223sub.dgn PROJECT LEADER: K. SMITH DESIGNED BY: N. BOB CAMBER TABLE PLOT DATE: 5/29/2025 DRAWN BY: C, JAMISON CHECKED BY: K, SMITH SHEET 56 OF 102

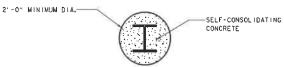








# SECTION A-A



SECTION B-B NOT TO SCALE

#### NOTES:

- I. FOR WINGWALL PILE INFORMATION REFER TO WINGWALL PILE DETAIL SHEET.
- 2. SELF-CONSOLIDATING CONCRETE (SCC) SHALL BE PLACED UNTIL UNCONTAMINATED SCC SURPASSES THE LIMITS OF THE ROCK SOCKET, BUT DOES NOT EXTEND PAST THE LIMITS OF SCC SHOWN ON THE PLANS. THE REMAINDER OF THE DRILLED PILE SOCKET SHALL BE BACKFILLED WITH CUSHION SAND.
- 3. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IF ACTUAL TOP OF ROCK ELEVATIONS ARE OUTSIDE THE RANGES SHOWN IN THE ABUTMENT PILE SUMMARY TABLE.

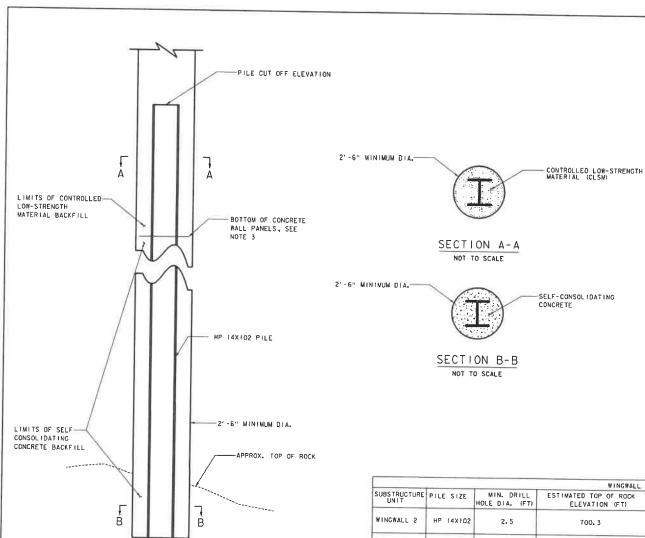
				ABUTMENT P	ILE SUMMARY TABLE			
SUBSTRUCTURE UNIT		MIN. DRILL HOLE DIA. (FT)	ESTIMATE ROCK ELEV	D TOP OF ATION (FT)	REQUIRED ROCK SOCKET LENGTH (FT)	ESTIMATED ELEVAT	PILE TIP ION (FT)	PILE CUTOFF ELEVATION (FT)
			FROM	TO		FROM	TO	
ABUTMENT I	HP 12×84	2	698.5	700.3	7	691.5	693.3	719.5
ABUTMENT 2	HP 12×84	2	701.6	706.0	7	694.6	699.0	718.5



PROJECT NAME: NORTHFIELD
PROJECT NUMBER: BF 024(58)

FILE NAME: z19323h\_plle\_grouting.dgn PROJECT LEADER: K, SMITH DESIGNED BY: S. BROWN ABUTMENT PILE DETAIL SHEET

PLOT DATE: 5/29/2025 DRAWN BY: C. JAMISON CHECKED BY: K. SMITH SHEET 59 OF 102



ESTIMATED PILE TIP ELEVATION

TYPICAL WINGWALL PILE SOCKET DETAIL

### NOTES:

- FOR ABUTMENT PILE INFORMATION REFER TO ABUTMENT PILE DETAIL SHEET.
- SELF-CONSOLIDATING CONCRETE SHALL BE PLACED TO THE BOTTOM OF THE CONCRETE WALL PANELS. THE REMAINDER OF THE DRILLED PILE SOCKET SHALL BE BACKFILLED WITH CONTROLLED LOW-STRENGTH MATERIAL (CLSM).
- 3. CONCRETE WALL PANELS NOT SHOWN FOR CLARITY.
- 4. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF ROCK IS NOT ENCOUNTERED 5'-O" BELOW THE ESTIMATED TOP OF ROCK ELEVATION SHOWN IN THE WINGWALL PILE SUMMARY TABLE. DRILLING OPERATIONS SHALL CEASE AND THE ENGINEER SHALL BE NOTIFIED IF ROCK IS NOT ENCOUNTERED UPON REACHING THE MAXIMUM PILE TIP ELEVATION IN SOIL SHOWN IN THE WINGWALL PILE SUMMARY TABLE.

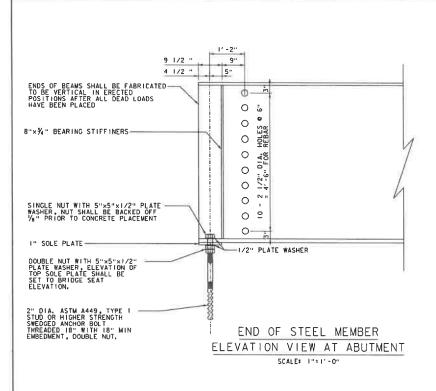
			WINGWALL	PILE SUMMARY TABLE		
SUBSTRUCTURE UNIT		MIN. DRILL HOLE DIA. (FT)	ESTIMATED TOP OF ROCK ELEVATION (FT)	REQUIRED ROCK SOCKET LENGTH (FT)	ESTIMATED PILE TIP ELEVATION IN ROCK (FT)	MAXIMUM PILE TIP ELEVATION IN SOIL (FT
WINGWALL 2	HP 14X102	2.5	700. 3	7	693.3	690.0
WINGWALL 3	HP 14X102	2.5	701.6	7	694.6	690.0

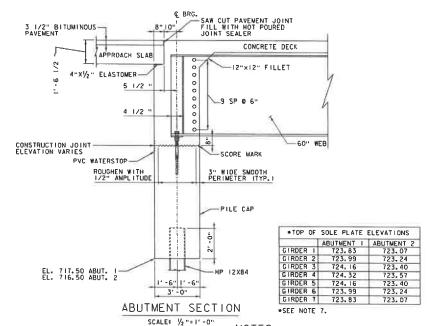


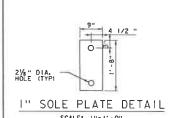
PROJECT NAME: NORTHFIELD
PROJECT NUMBER: BF 0241(58)

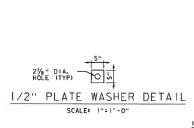
FILE NAME: zi9j223h\_pile\_grou+ing.dgn PROJECT LEADER: K. SMITH DESIGNED BY: S. BROWN WINGWALL PILE DETAIL SHEET

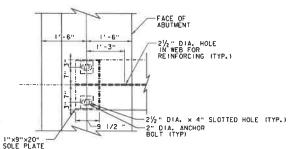
PLOT DATE: 5/29/2025 DRAWN BY: C. JAMISON CHECKED BY: K. SMITH SHEET 60 OF 102











END OF STEEL MEMBER
PLAN VIEW AT ABUTMENT

SCALE 1"=1'-0"

### NOTES:

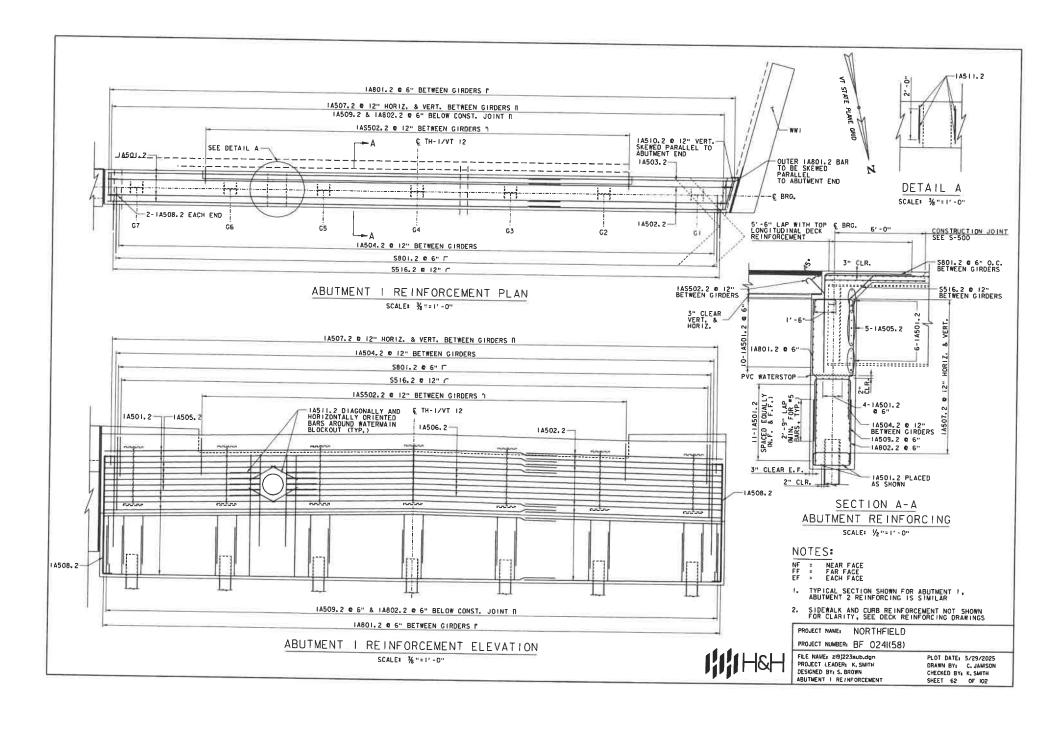
- PAYMENT FOR THE SOLE PLATES, ANCHOR BOLTS, WASHERS AND NUTS SHALL BE INCIDENTAL TO ITEM 506.5500, STRUCTURAL STEEL, PLATE GIRDER.
- ANCHOR BOLTS SHALL BE 2" DIAMETER, TYPE ! BOLTS MEETING ASTM F 1554, GR 55. NUTS SHALL MEET ASTM ASSA
- ALL ANCHOR BOLTS SHALL BE SET BY TEMPLATE BEFORE CONCRETE IS PLACED. NO DRILLING WIL BE ALLOWED. ALL ASSOCIATED COSTS SHALL BE INCIDENTAL TO ITEM 501.3700, "PERFORMANCE-BASED CONCRETE, CLASS PCD".
- 4. ALL STEEL IN BEARING DEVICE ASSEMBLY SHALL BE AASHTO M270M/M270 GR 50.
- SUBSTITUTIONS FOR BEARING DEVICE ASSEMBLY COMPONENT MATERIALS AND SIZES SHALL BE DETAILED ON THE FABRICATION DRAWINGS, ALL SUBSTITUTIONS SHALL BE APPROVED BY THE PROJECT MANAGER PRIOR TO FABRICATION AS PER SECTION 506, 04.
- 6. THE CONTRACTOR SHALL GREASE THE TOP SURFACE OF THE SOLE PLATES PRIOR TO PLACEMENT OF THE GIRDERS. FOLLOWING GIRDER ERECTION ALL EXCESS GREASE SHALL BE WIPED FROM THE SOLE PLATES.
- THE CONTRACTOR SHALL YERIFY THAT ALL ANCHOR BOLTS ARE INSTALLED PLUMB AND REMAIN PLUMB FOLLOWING GIRDER ERECTION. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES.

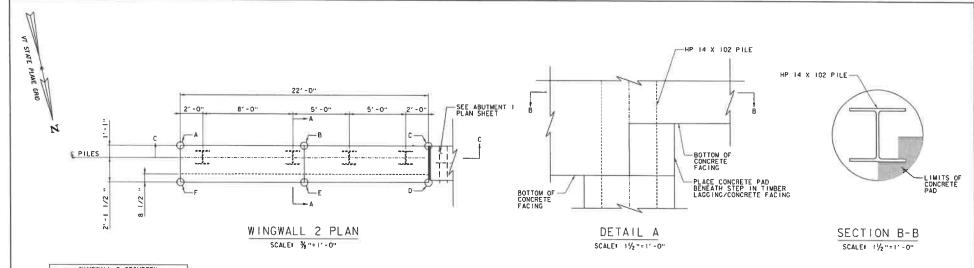
PROJECT NAME: NORTHFIELD PROJECT NUMBER: BF 0241(58)

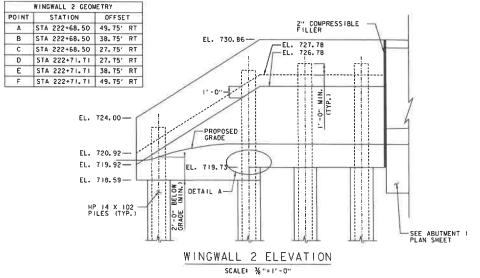
FILE PRODES

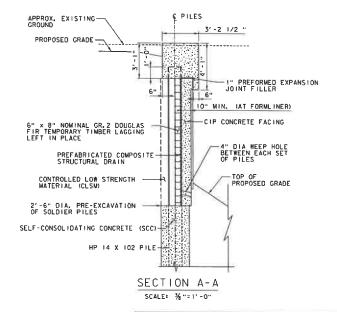
FILE NAME: zi9]223sub.dgn PROJECT LEADER: K. SMITH DESIGNED BY: S. BROWN ABUTMENT CONNECTION DETAIL

PLOT DATE: 5/29/2025 DRAWN BY: C. JAMISON CHECKED BY: K. SMITH SHEET 61 OF 102









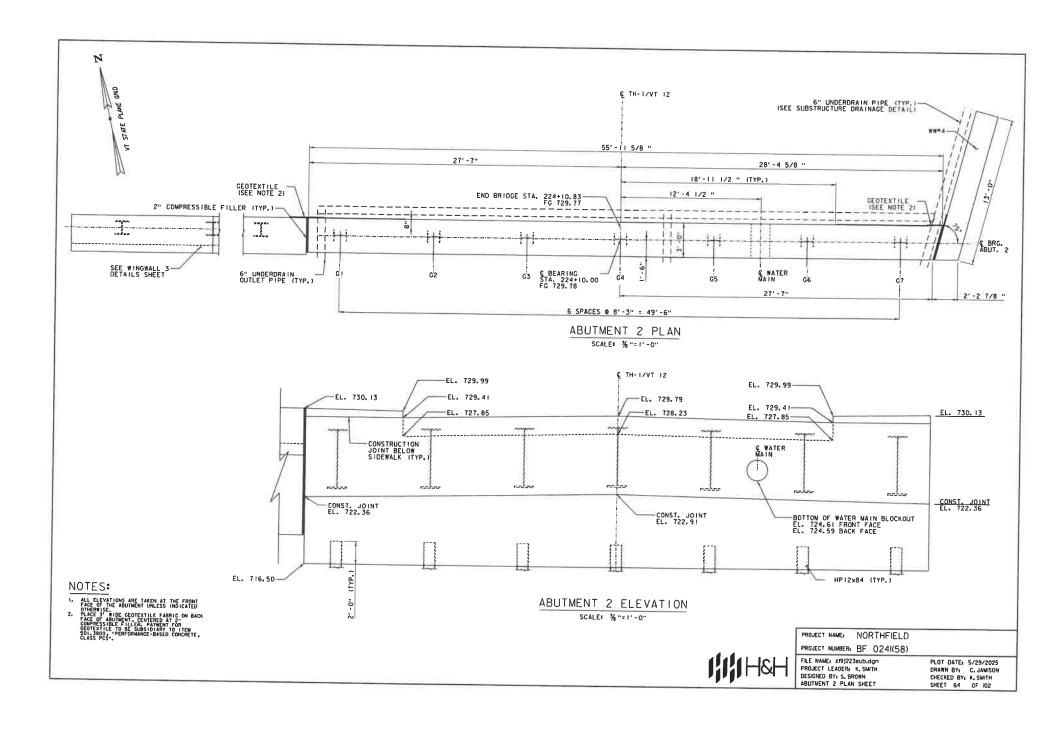
NOTE

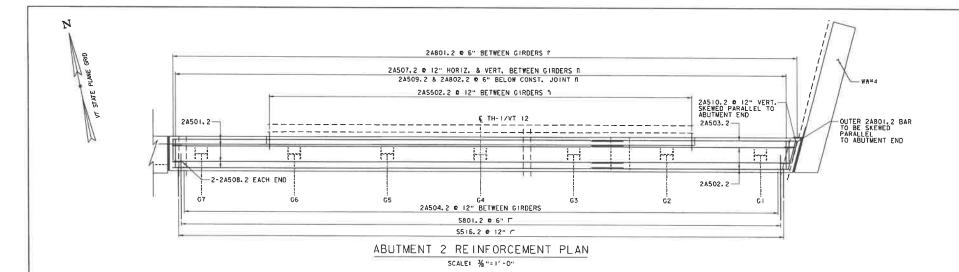
I. SEE "SOLDIER PILE WALL DETAILS 3" SHEET FOR SECTION C-C VIEW

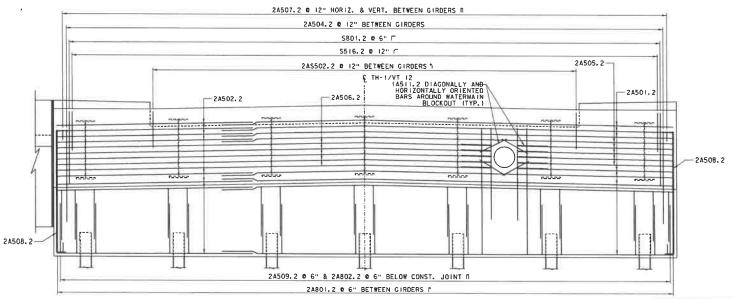


PROJECT NAME: NORTHFIELD
PROJECT NUMBER: BF 024I(58)

FILE NAME: 219J223sub.dgn PROJECT LEADER: K. SMITH DESIGNED BY: S. BROWN WINGWALL 2 DETAILS PLOT DATE: 5/29/2025 DRAWN BY: C. JAMISON CHECKED BY: K. SMITH SHEET 63 DF 102







NOTES:

I. SIDEWALK AND CURB REINFORCEMENT NOT SHOWN FOR CLARITY, SEE DECK REINFORCING DRAWINGS ABUTMENT 2 REINFORCEMENT ELEVATION

SCALE: %"=1'-0"

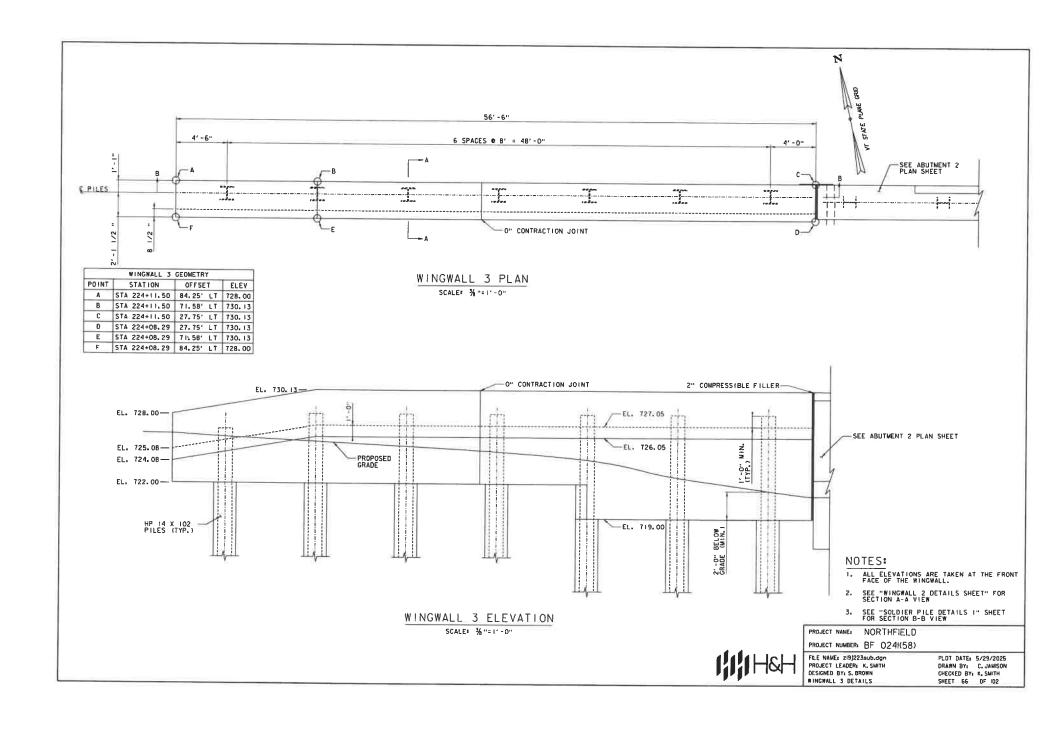


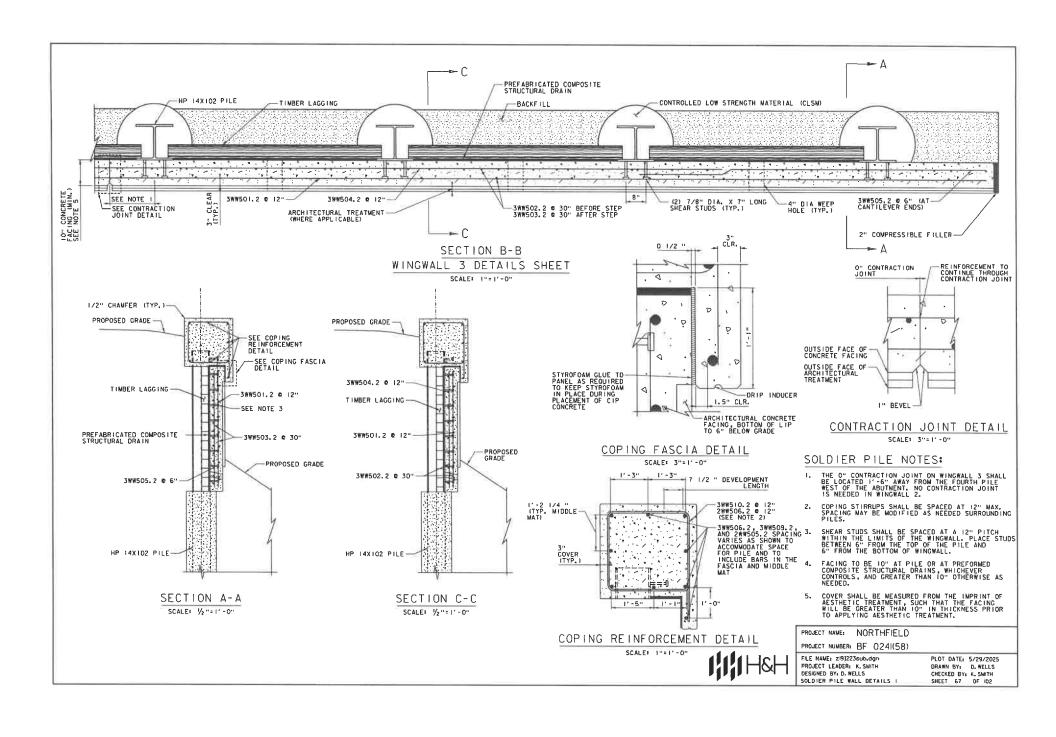
PROJECT NAME: NORTHFIELD

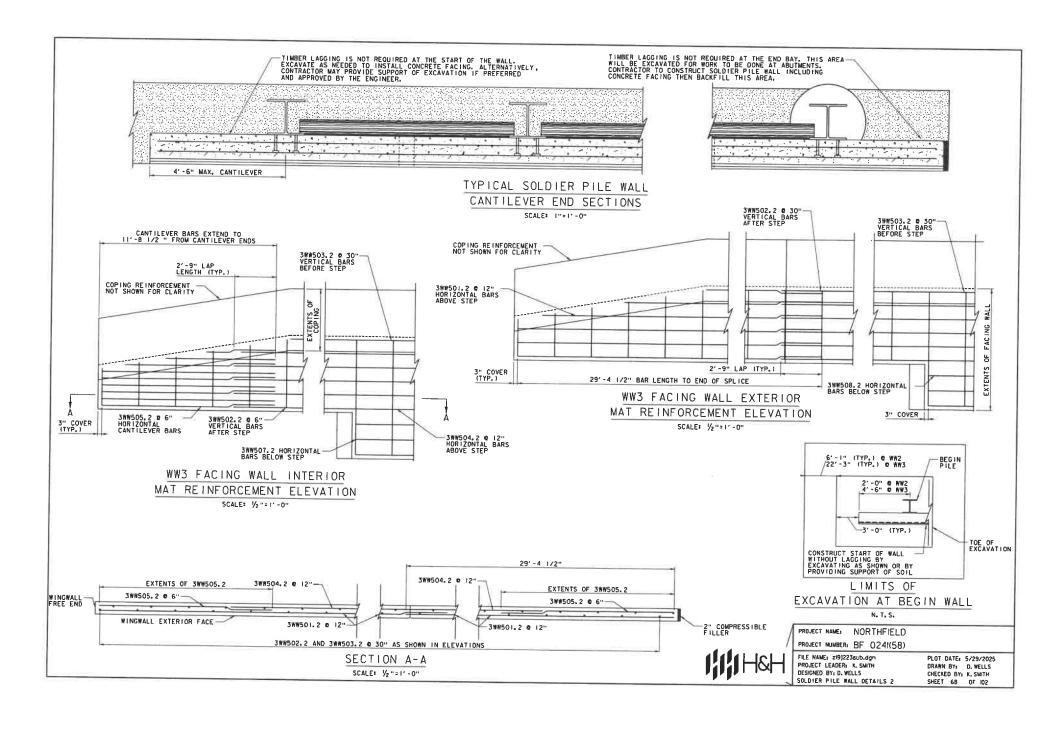
PROJECT NUMBER: BF 0241(58)

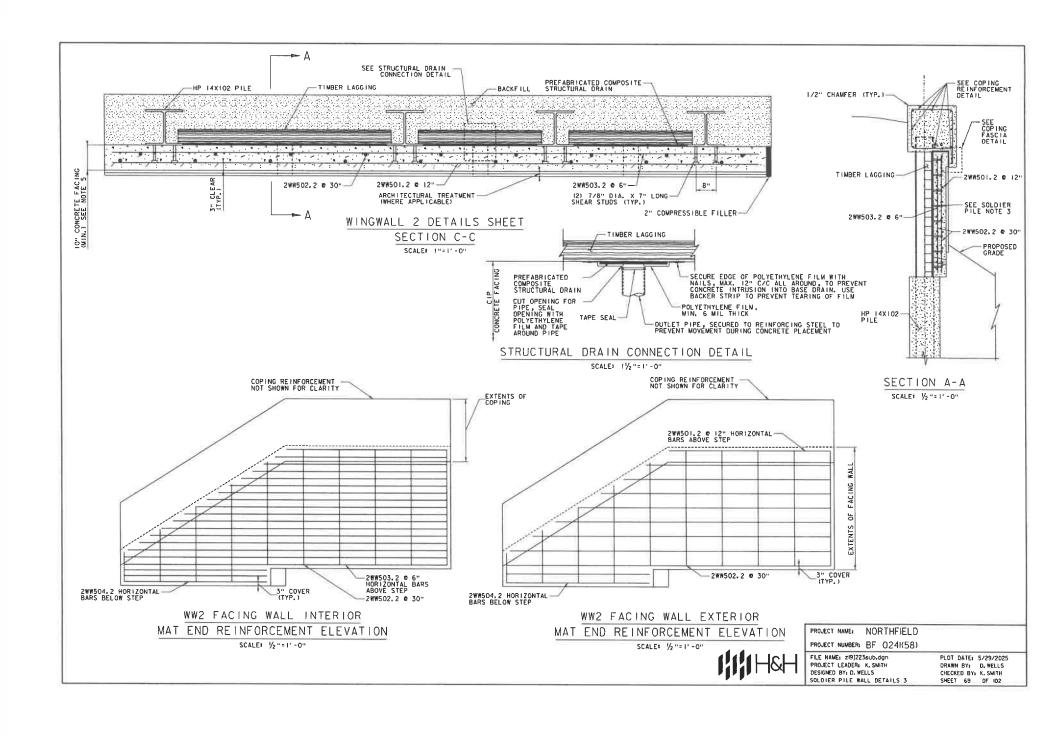
FILE NAME: zi9j223sub.dgn PROJECT LEADER: K. SMITH DESIGNED BY: S. BROWN ABUTMENT 2 RE INFORCEMENT

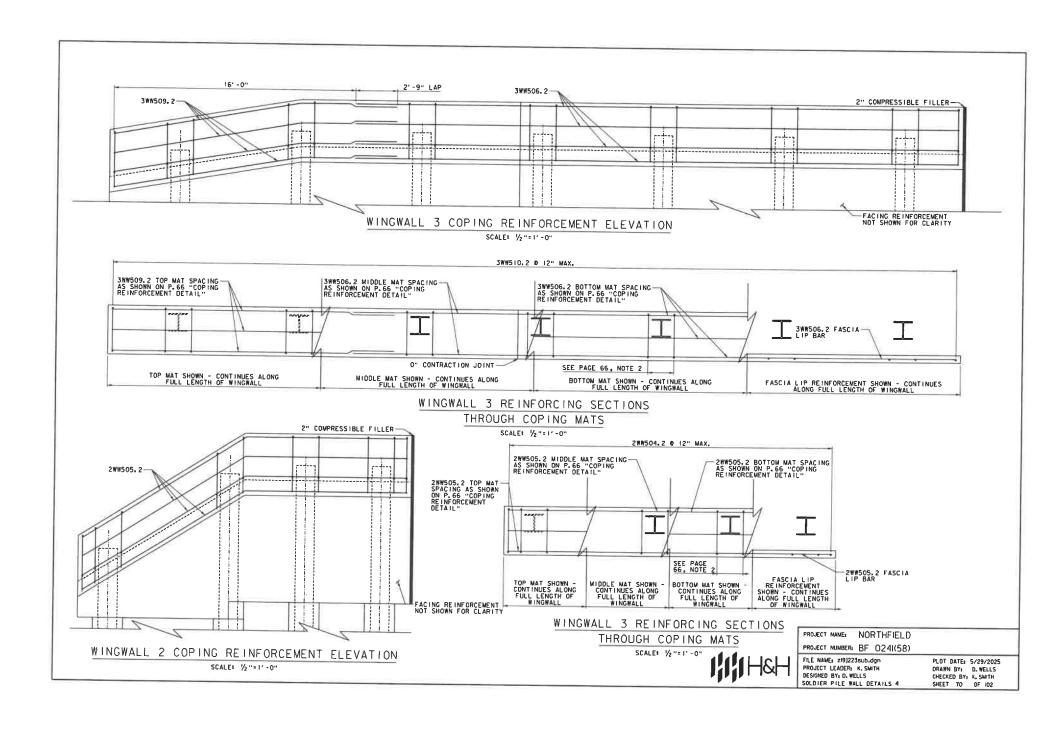
PLOT DATE: 5/29/2025 DRAWN BY: C. JAMISON CHECKED BY: K. SMITH SHEET 65 OF 102

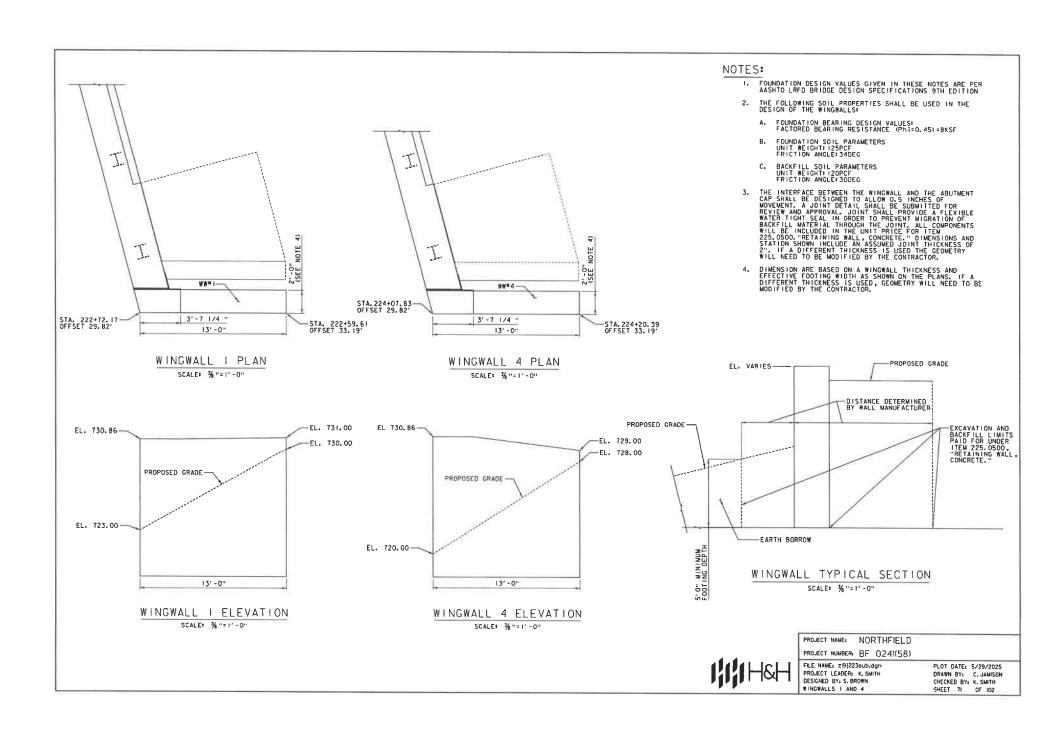


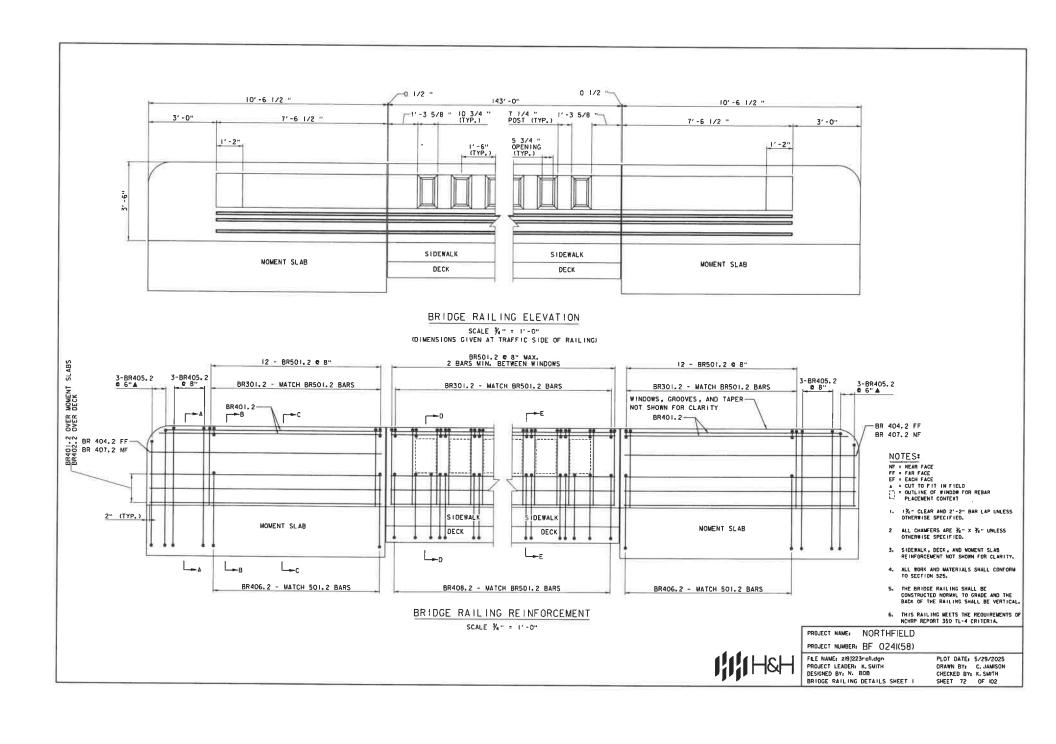


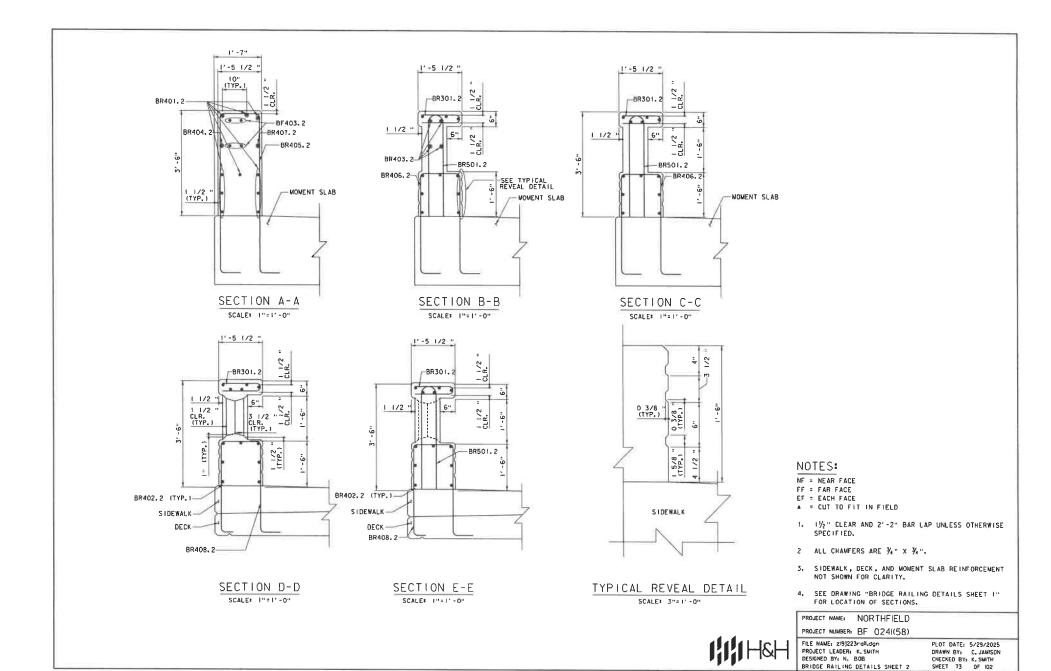


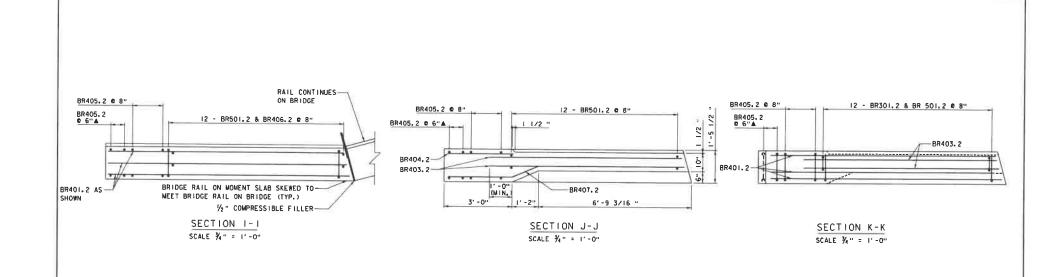


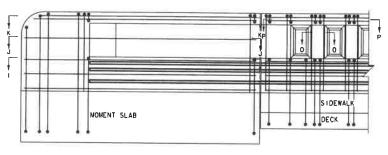




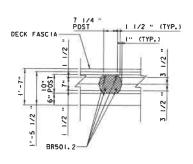




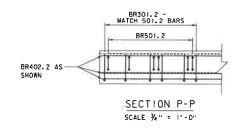




END OF BRIDGE RAILING ELEVATION ON MOMENT SLAB



SECTION 0-0 SCALE %" = 1'-0"

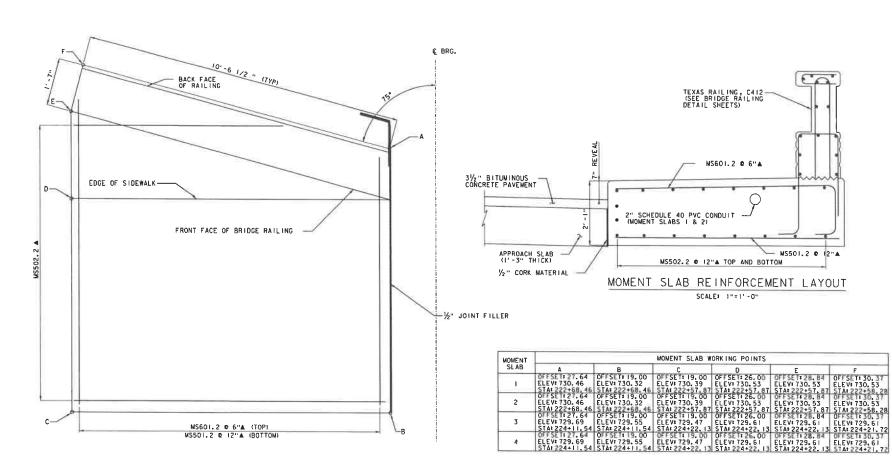


PROJECT NAME: NORTHFIELD PROJECT NUMBER: BF 0241(58)

FILE NAME: z/9/223rd/Ldgn PROJECT LEADER: K, SMITH DESIGNED BY: N. BOB BRIDGE RAILING DETAILS SHEET 3 PLOT DATE: 5/29/2025 DRAWN BY: C. JAMISON CHECKED BY: K. SMITH SHEET 74 OF 102







MOMENT SLAB PLAN SCALE: 1"=1'-0"

MS601.2 0 6"A (TOP) MS501.2 € 12"A (BOTTOM)

#### LEGEND:

A DENOTES CUT IN FIELD

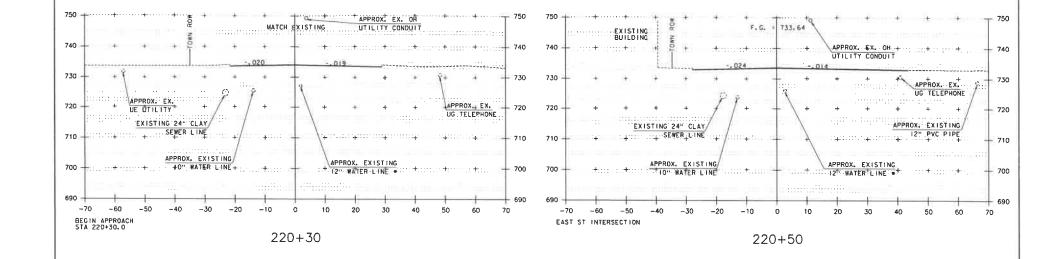
PROJECT NAME: NORTHFIELD

PROJECT NUMBER: BF 0241(58)

FILE NAME: ZI9J2238Ub.dgn PROJECT LEADER: K, SMITH DESIGNED BY: N. BOB MOMENT SLAB DETAILS SHEET

PLOT DATE: 5/29/2025 DRAWN BY: C. JAMISON CHECKED BY: K. SMITH SHEET 75 OF 102

#### STATE OF VERMONT REINFORCING STEEL SCHEDULE AGENCY OF TRANSPORTATION ITEM EACH SIZE LENGTH MARK TYPE A B C D E G ITEM EACH SIZE LENGTH MARK TYPE A 8 C D E F G H J K R O ~ NOTES ~ ABUTMENT 2 1. UNLESS OTHERWISEDESIGNATED. ALL BAR REINFORCEMENT FOR CONCRETE IN SIZES UP TO AND INCLUDING NO. 18 35'-10" 6601.2 87R 6'-7" 5502.2 STR 40'-0" 5503.2 STR 16'-8" 5503.2 STR 4'-3" 5505.2 STR 3'-4" S506.2 STR SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATIONS FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REHFORCEMENT", AASHTOM 31 (ASTM A 615-SI), ALL BARS SHALL BE GRADE 80, LINLESS OTHERWISE DESIGNATED. 2. FOR TYPICAL BENDING DETAILS, RECOMMENDED PIN DIAMETER TO DE BENDS AND HOOKS, AND OTHER STANDARD 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 160 DEGREE AND 135 DEGREE HOOKS 5. "J' DIMENSION ON 180 DEGREE HOOKS TO BE SHOWN ONLY WHERE NECESSARY TO RESTRICT HOOK SIZE. OTHERWISE, 106 8 13'-8" 24801.2 21 1'-5" 1'-5" 10'-8" 102 8 13'-0" 24802.2 \$10 5'-2" 2'-5" STANDARD HOOKS ARE TO BE USED. 6. "H" DIMENSION ON STIRRUPS TO BE SHOWN ONLY WHEN NECESSARY TO MAINTAIN CLEARANCES. T-11" T-11" T-11" T-11" APPROACH SLAB 1 7. WHERE SLOPE DIFFERS FROM 45 DEGREES, DIMENSIONS TIC AND TIC MUST BE SHOWN 22 5 37-6 IEAS501 STR: 54 5 5-7 IAS502.2 11 0-11 1-5 0-6 2-0 E. A DENOTES BARS TO BE CUT IN FIELD. 222 8 12-5 5801.2 510 6-0 6-5 00 9. \* DENOTES ONE EXTRA BAR ADDED FOR TESTING PURPOSES. 46 9 19-9 1EAS901 1 1'-2" 0.0 0'-11" BRIDGE RAIL ∆ DENUTES TWO EXTRA BARS ADDED FOR TESTING PURPOSES. APPROACH SLAB 2 11. E IN BAR MARK PREFIX DENOTES EPOXY COATED REINFORCING STEEL. \* : 429 3 2'-7' BR301.2 S11 21 5 37'-6" 2EAS501 STR 54 5 5'-7" 2AS502.2 11 0'-11" 1'-5" 0'-6" 2'-0" 0.3 0'-3" 45 9 19'-9' 2EAS901 1 1'-2' 18'-7" 0.-0. 0-11" MOMENTSLAB 44 5 10-10 MS501.2 STR 88 6 12-8" MS601.2 S10 0'-8" 1'-8" 10'-1" . 429 5 7'-3" BR501.2 \$11 WINGWALL 2 9 8 21'-6' 24W95012 5TR 20 5 7-7' 54W9502 5TR 17 5 21'-6' 34W9502 5TR 5 0 9-9' 54W9502 5TR 9 5 25' 75 24W950 2 21 12'-9' 10'-9' 0'-0' 20 5 15'-6' 24W9502 72 15'-0' 249' 2-7' 29' 2-7' 13 (AP= K WINGWALL 3 29'-8' 3WW501.2 STR 4'-7' 3WW502.2 STR 7'-7' 3WW502.2 STR 38'-7' 3WW502.2 STR 11'-5' 3WW505.2 STR 40'-0' 3WW505.2 STR 10'-8' 3WW505.2 STR 19'-4' 3WW502.2 STR 2'-2" 0'-0" 12'-5" 0'-0" ফু ABUTMENT1 ~ REINFORCING STEEL CORROSION RESISTANCE LEVEL -ASTM STANDARD THE REMPOSITIES SHEEL MARKS BY THIS SCHEDILLE MEDICATE THE REQUIRED BAS CORROBONING STEMAL LISTS. CORROBONING STEMAL EXPL. CORROBONING STEMAL EXPL. STEMAL STEMAL TWO SERVIC OR, I FOR LISTS. THREST SERVIC, I FOR LISTS. THREST SERVIC, I FOR LISTS. CHARGES SERVIC, I FOR LISTS. CHARGES SERVIC AND LISTS. CHARGES SERVIC SERVICES. CORROBONING SERVICES SERVICE REINFORCING BARS ACES SEMENTS AND PROPERTY OF STREET 3 0.376 0,375 0.11 1,178 4 0.668 0.500 0.20 1.571 106 8 13'-5' 1A601.2 21 1'-5' 1'-6' 10'-5' 103 8 12'-6' 1A802.2 510 5'-1' 2'-5' 5 1.043 0.625 0.31 1.983 \*8 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 PROJECT NAME: NORTHFIELD \*11 5.313 1.410 1.56 4.430 PROJECT NUMBER: BF 024I(58) \*14 7.65 1.693 2.25 5.32 FILE NAME: zi9J223rebor.dgn PLOT DATE: 5/29/2025 \*18 13.60 2.257 4.00 7.99 PROJECT LEADERS K. SMITH DRAWN BY: C. JAMISON DESIGNED BY CHECKED BY: K. SMITH REINFORCING STEEL SCHEDULE SHEET 76 DF 102



NOTE:

. EARTHWORK ASSOCIATED WITH PROPOSED UNDERGROUND UTILITIES INSTALLATION BY OTHERS IS NOT PART OF THE SCOPE OF THIS PROJECT UNLESS OTHERWISE SHOWN.

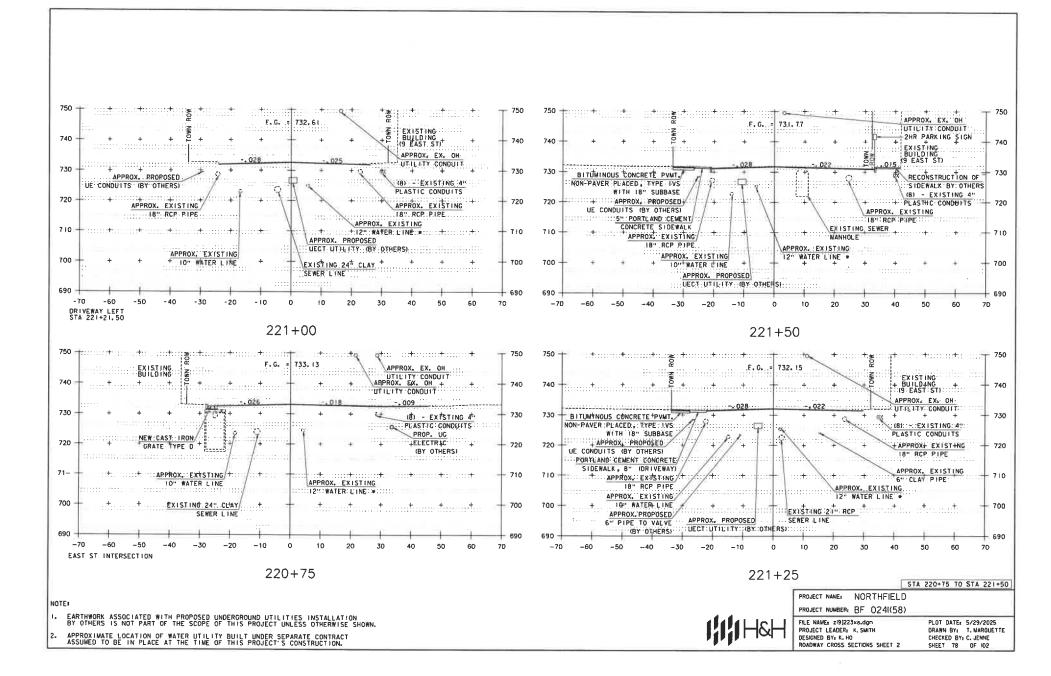
 APPROXIMATE LOCATION OF WATER UTILITY BUILT UNDER SEPARATE CONTRACT ASSUMED TO BE IN PLACE AT THE TIME OF THIS PROJECT'S CONSTRUCTION.

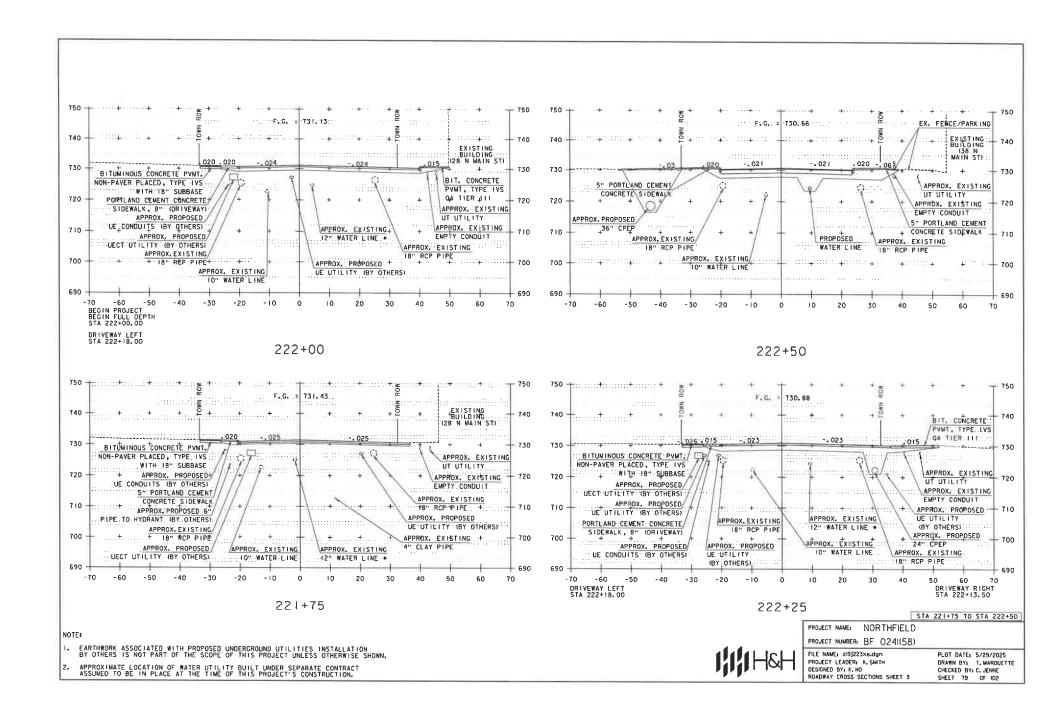
STA 220+30 TO STA 220+50

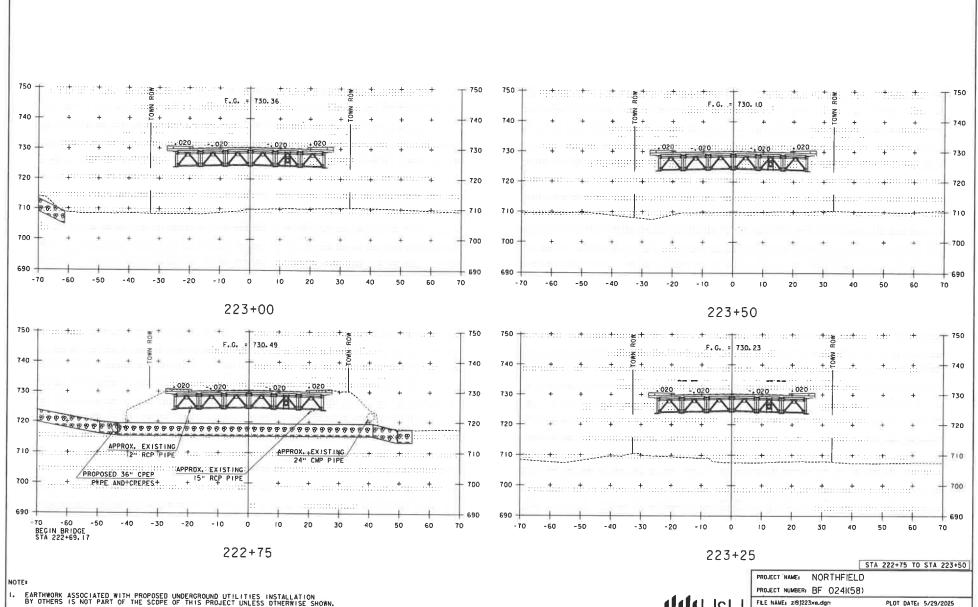
PROJECT NAME: NORTHFIELD PROJECT NUMBER: BF 0241(58)

FILE NAME: z19)223×8.dgn
PROJECT LEADER: K. SMITH
DESIGNED BY: K. HO
ROADWAY CROSS SECTIONS SHEET !

PLOT DATE: 5/29/2025 DRAWN BY: T. MARQUETTE CHECKED BY: C. JENNE SHEET 77 DF 102



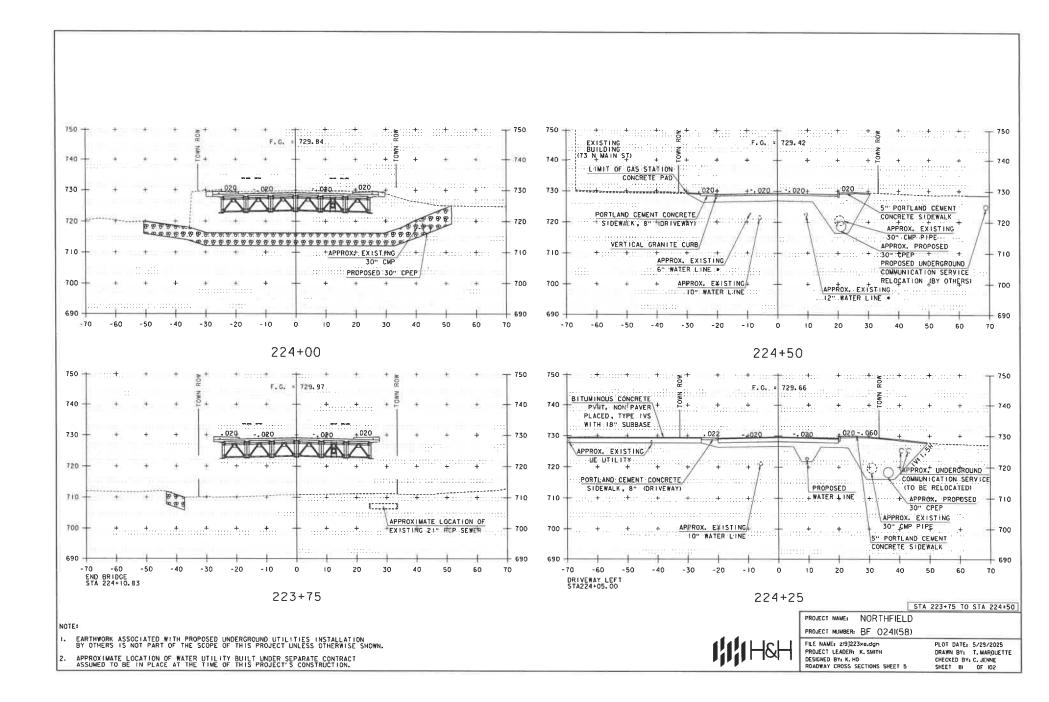


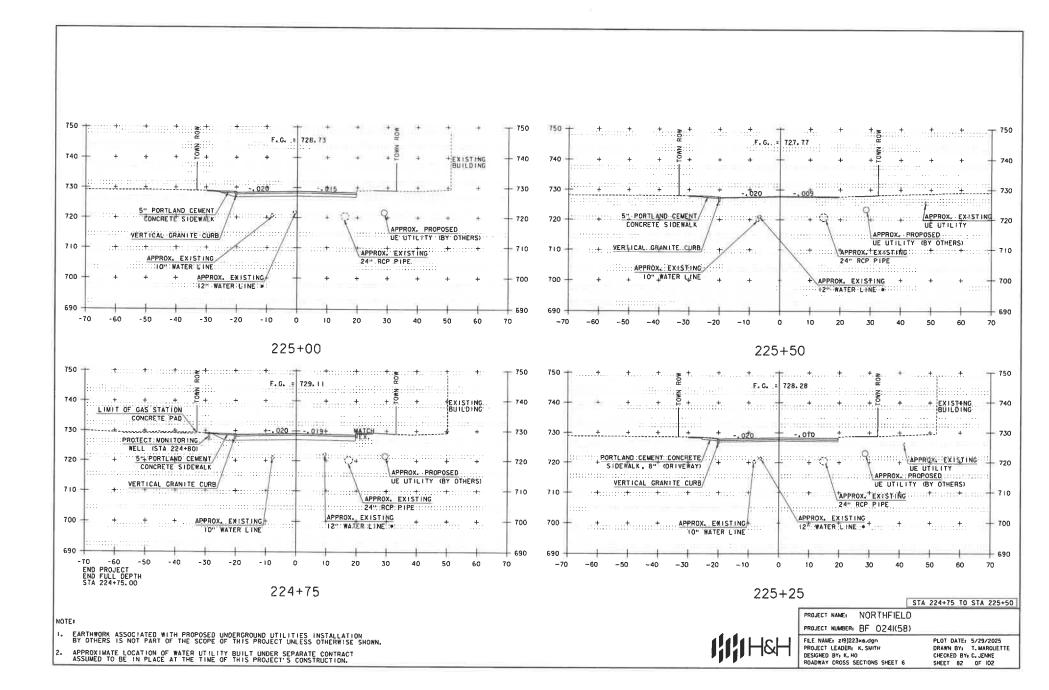


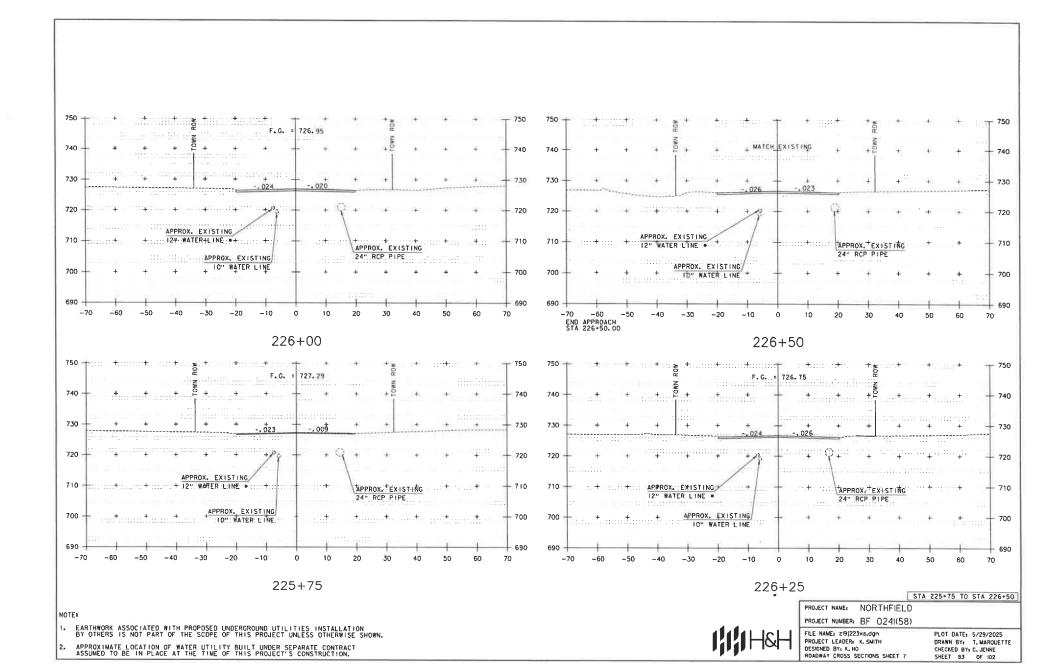
APPROXIMATE LOCATION OF WATER UTILITY BUILT UNDER SEPARATE CONTRACT ASSUMED TO BE IN PLACE AT THE TIME OF THIS PROJECT'S CONSTRUCTION.

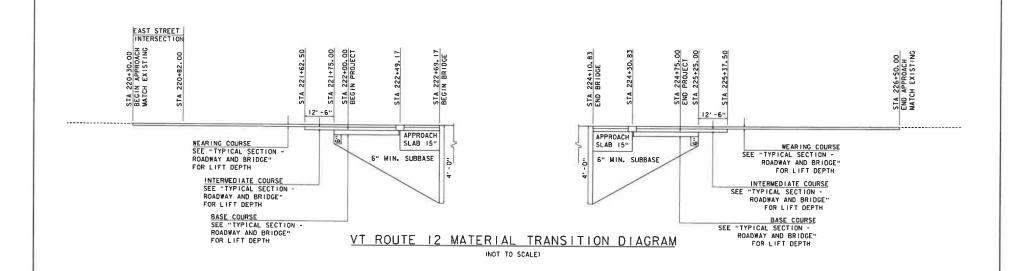
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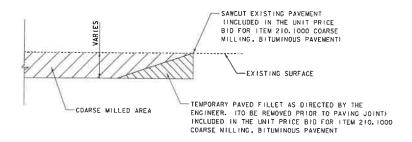
PROJECT LEADER: K. SMITH DESIGNED BY: K. HO ROADWAY CROSS SECTIONS SHEET 4 PLOT DATE: 5/29/2025 DRAWN BY: T. MARQUETTE CHECKED BY: C. JENNE SHEET 80 OF 102











# DETAIL AT VERTICAL COARSE MILLING JOINTS

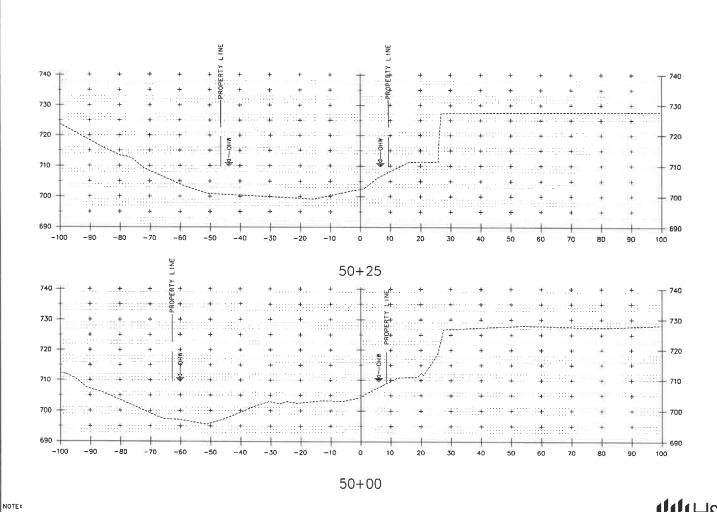
NOTE: THIS DETAIL SHALL BE USED AT THE LOCATIONS SHOWN ABOVE AS DIRECTED BY THE ENGINEER.

IIIIH&H

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

FILE NAME: 219J223mtd.dgn PROJECT LEADER: K. SMITH DESIGNED BY: K. HO MATERIAL TRANSITION DIAGRAM

PLOT DATE: 5/29/2025 DRAWN BY: T. MARQUETTE CHECKED BY: C. JENNE SHEET 84 OF 102



STA 50+00.00 TO STA 50+25.00

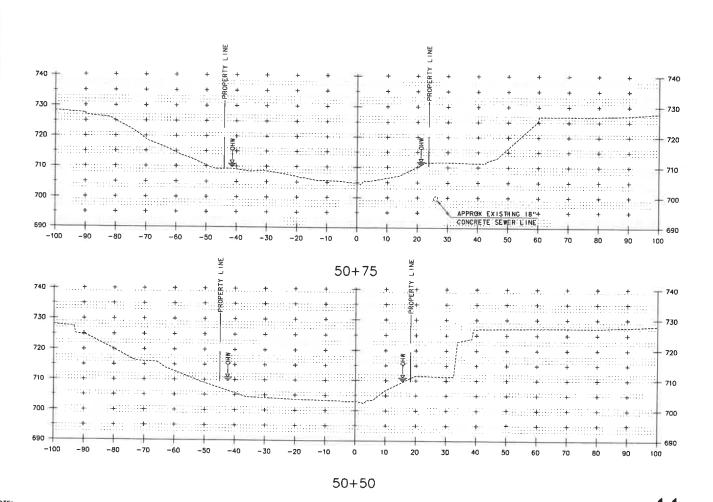
PROJECT NAME: NORTHFIELD

PROJECT NUMBER: BF 0241(58)

FILE NAME: z93223xs\_channel.dgn PROJECT LEADER: K, SMITH DESIGNED BY: K, HO CHANNEL CROSS SECTIONS SHEET I

PLOT DATE: 5/29/2025 DRAWN BY: T, MARQUETTE CHECKED BY: C. JENNE SHEET 85 OF 102

 EARTHWORK ASSOCIATED WITH PROPOSED WALLS, BRIDGE AND DRAINAGE ELEMENTS ARE SHOWN SCHEMATICALLY AND FOR REFERENCE PURPOSES ONLY.



STA 50+50.00 TO STA 50+75.00

PROJECT NAME: NORTHFIELD

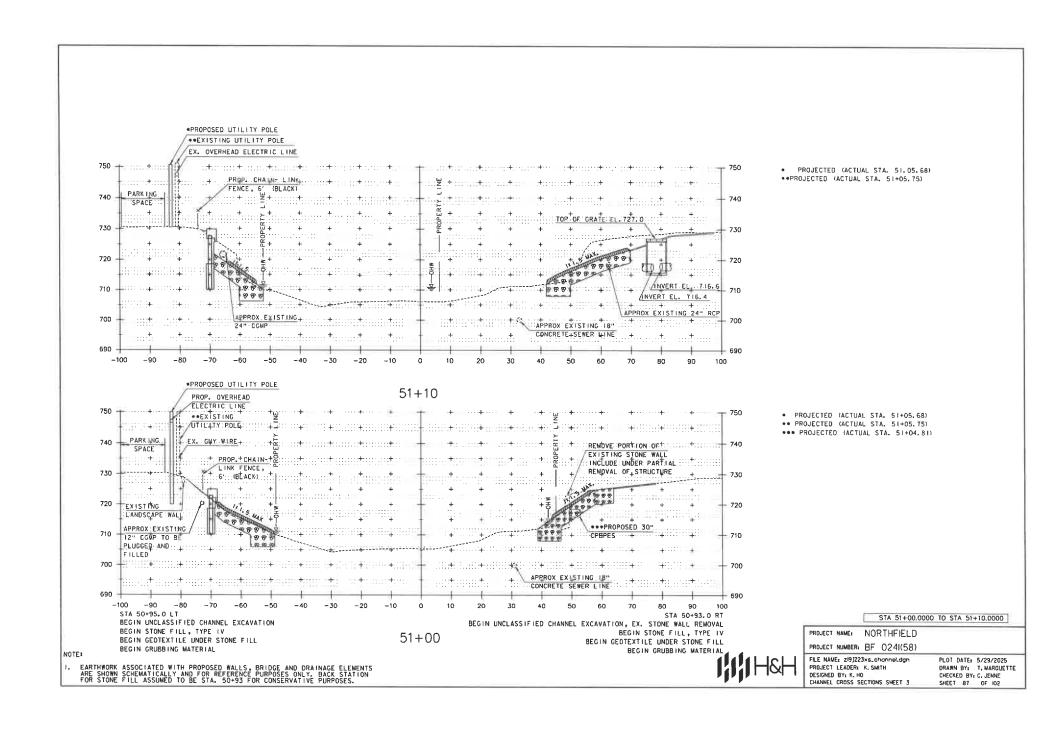
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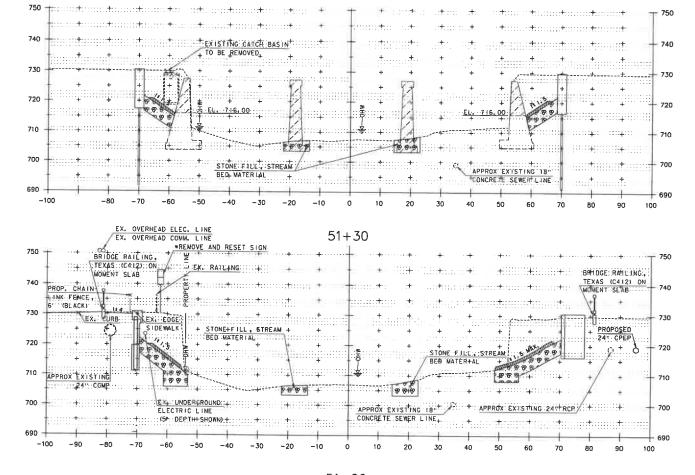
FILE NAME: z19J223xs\_channel.dgn PROJECT LEADER: K, SMITH DESIGNED BY: K, HO CHANNEL CROSS SECTIONS SHEET 2

PLOT DATE: 5/29/2025 DRAWN BY: T. MARQUETTE CHECKED BY: C. JENNE SHEET 86 OF 102

NOTE

EARTHWORK ASSOCIATED WITH PROPOSED WALLS, BRIDGE AND DRAINAGE ELEMENTS ARE SHOWN SCHEMATICALLY AND FOR REFERENCE PURPOSES ONLY.





\* SEE SIGN AND LINE TABLE SHEET FOR DETAIL

STA 51+20.0000 TO STA 51+30.0000

PROJECT NAME: NORTHFIELD
PROJECT NUMBER: BF 024(58)

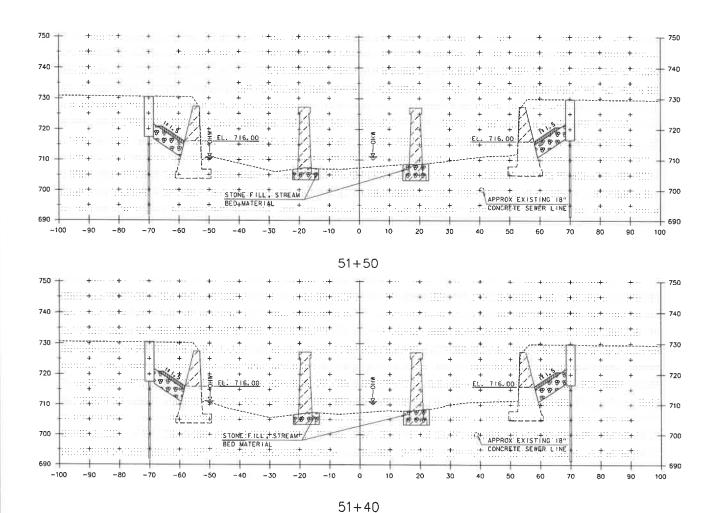
FILE NAME: 2/9/223xs\_channel.dgn PROJECT LEADER: K. SMITH DESIGNED BY: K. HO CHANNEL CROSS SECTIONS SHEET 4

PLOT DATE: 5/29/2025 DRAWN BY: 1. MARQUETTE CHECKED BY: C. JENNE SHEET 8B OF 102

51 + 20

NOTE

I. EARTHWORK ASSOCIATED WITH PROPOSED WALLS. BRIDGE AND DRAINAGE ELEMENTS ARE SHOWN SCHEMATICALLY AND FOR REFERENCE PURPOSES ONLY.



STA 51+40.0000 TO STA 51+50.0000

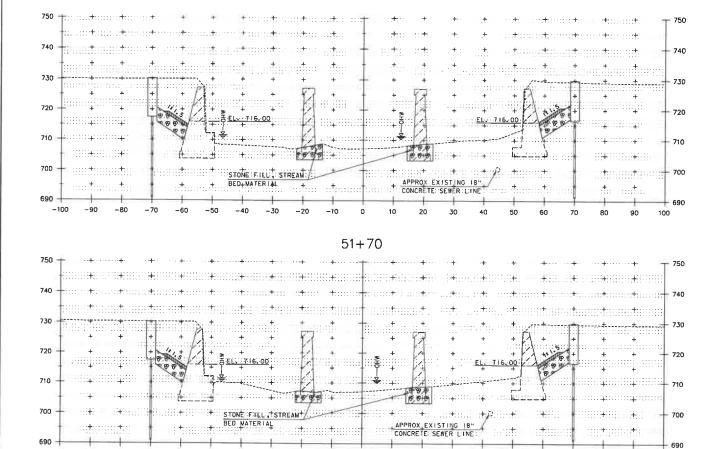
PROJECT NAME: NORTHFIELD

PROJECT NUMBER: BF 0241(58)

FILE NAME: z193223xs\_chonnel.dgn PROJECT LEADER: K, SMITH DESIGNED BY; K, HO CHANNEL CROSS SECTIONS SHEET 5 PLOT DATE: 5/29/2025 DRAWN BY: T. MARQUETTE CHECKED BY: C. JENNE SHEET B9 OF 102

NOTE:

1. EARTHWORK ASSOCIATED WITH PROPOSED WALLS, BRIDGE AND DRAINAGE ELEMENTS ARE SHOWN SCHEMATICALLY AND FOR REFERENCE PURPOSES ONLY.



STA 51+60.0000 TO STA 51+70.0000

PROJECT NAME: NORTHFIELD

PROJECT NUMBER: BF 0241(58)

FILE NAME: 2193223xs\_channel.dgn PROJECT LEADER: K. SMITH DESIGNED BY: K. HO CHANNEL CROSS SECTIONS SHEET 6

PLOT DATE: 5/29/2025 DRAWN BY: T. MARQUETTE CHECKED BY: C. JENNE SHEET 90 OF 102

NOTE

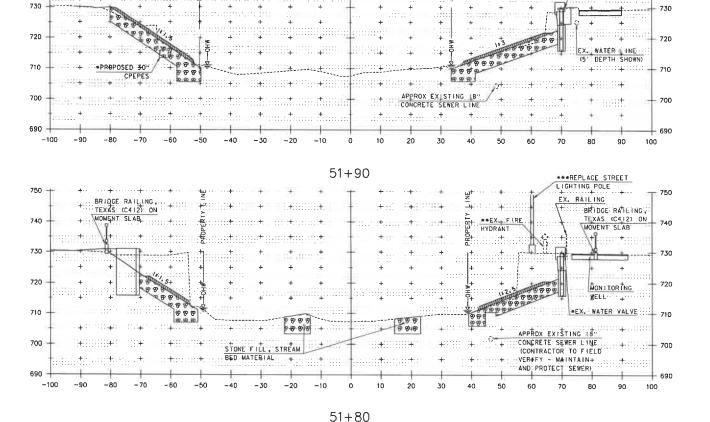
- EARTHWORK ASSOCIATED WITH PROPOSED WALLS, BRIDGE AND DRAINAGE ELEMENTS ARE SHOWN SCHEMATICALLY AND FOR REFERENCE PURPOSES ONLY.

-30

-20

-10

51 + 60



\* PROJECTED (ACTUAL STA. 51+94.2)

PROPOSED GAS STATION SIGN & FOUNDATION

\* PROJECTED (ACTUAL STA. 51+82.0)
\*\* PROJECTED (ACTUAL STA. 51+81.4)

\*\*\*SEE LIGHTING PLAN SHEET FOR DETAIL

STA 51+80.0000 TO STA 51+90.0000

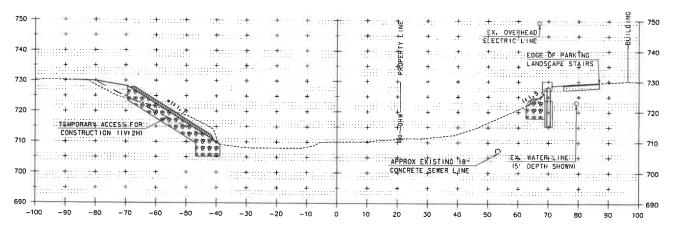
PROJECT NAME: NORTHFIELD PROJECT NUMBER: BF 0241(58)

FILE NAME: z/9/223xs\_channel.dgn PROJECT LEADER: K, SMITH DESIGNED BY: K, HO CHANNEL CROSS SECTIONS SHEET 7

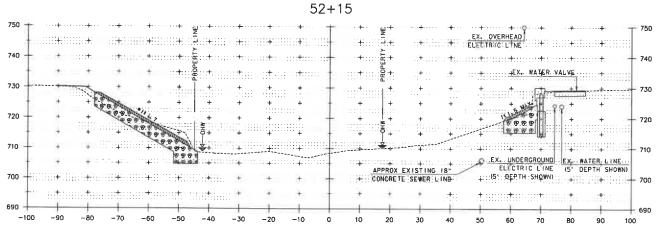
PLOT DATE: 5/29/2025 DRAWN BY: T. MARQUETTE CHECKED BY: C. JENNE SHEET 9! OF 102

NOTE:

1. EARTHWORK ASSOCIATED WITH PROPOSED WALLS, BRIDGE AND DRAINAGE ELEMENTS
ARE SHOWN SCHEMATICALLY AND FOR REFERENCE PURPOSES ONLY.



. I: 1.5 SLOPE MEASURED NORMAL TO CONTOUR



52+00

. I: 1.5 SLOPE MEASURED NORMAL TO CONTOUR

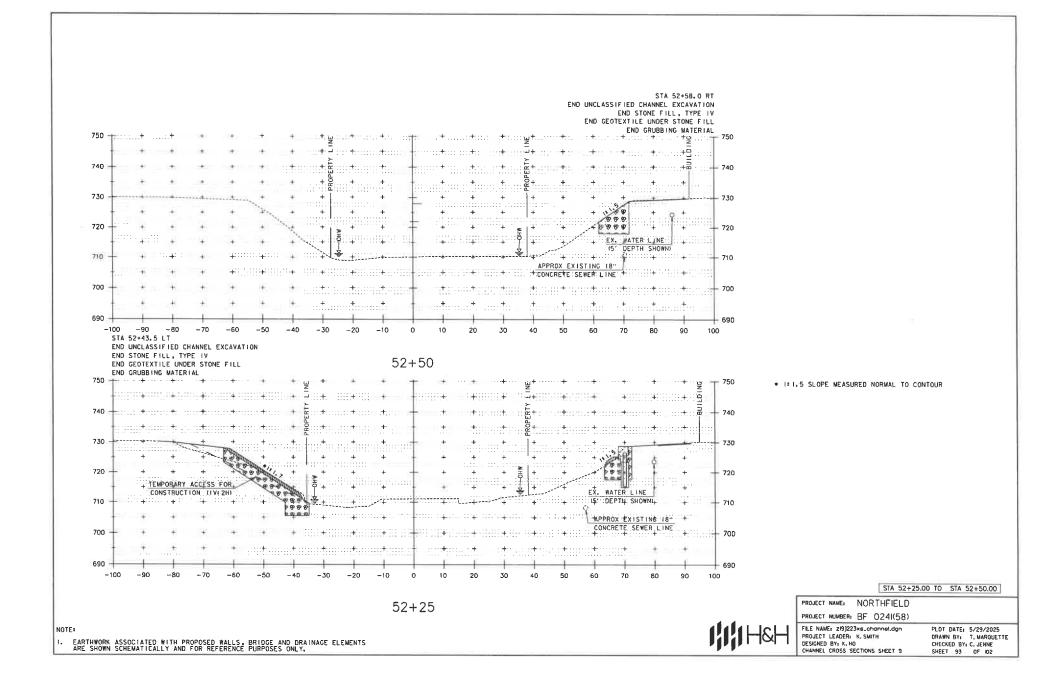
STA 52+00.00 TO STA 52+15.00

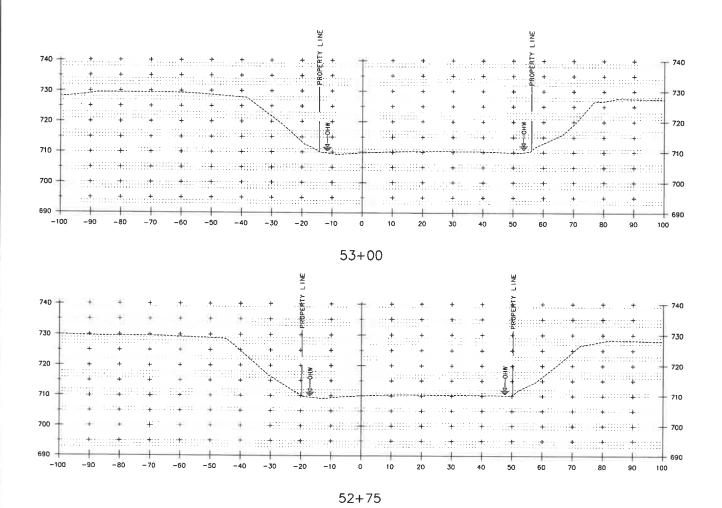
PROJECT NAME: NORTHFIELD
PROJECT NUMBER: BF 0241(58)

FILE NAME: zi9j223xs\_chonnel.dgn PROJECT LEADER: K. SMITH DESIGNED BY: K. HO CHANNEL CROSS SECTIONS SHEET B PLOT DATE: 5/29/2025 DRAWN BY: T. MARDUETTE CHECKED BY: C. JENNE SHEET 92 OF 102

016.

I. EARTHWORK ASSOCIATED WITH PROPOSED WALLS, BRIDGE AND DRAINAGE ELEMENTS ARE SHOWN SCHEMATICALLY AND FOR REFERENCE PURPOSES ONLY.





STA 52+75.00 TO STA 53+00.00

PROJECT NAME: NORTHFIELD

PROJECT NUMBER: BF 0241(58)

FILE NAME: zi9]223xa\_channel.dgn PROJECT LEADER: K. SNITH DESIGNED BY: K. HO
CHANNEL CROSS SECTIONS SHEET IO

PLOT DATE: 5/29/2025 DRAWN BY: T. MARQUETTE CHECKED BY: C. JENNE SHEET 94 OF 102

NOTE

EARTHWORK ASSOCIATED WITH PROPOSED WALLS, BRIDGE AND DRAINAGE ELEMENTS ARE SHOWN SCHEMATICALLY AND FOR REFERENCE PURPOSES ONLY.

# **EPSC PLAN NARRATIVE**

#### 1. PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE REPLACEMENT OF BRIDGE 60 WITH RELATED ROADWAY APPROACH WORK. BRIDGE 60 OVER DOG RIVER IS LOCATED IN THE TOWN OF NORTHFIELD, ON YT ROUTE 12, APPROXIMATELY 1.1 AILES NORTH OF THE JUNCTION WITH YT ROUTE 12A SOUTH. THE PROJECT LOCATION BEGINS AT MILE POST 4.197 (STA 222+00.00) AND ENDS AT MILE POST 4.249 (STA 222+75.00),

THE NEW STRUCTURE WILL BE APPROXIMATELY 141.66 FEET IN LENGTH WITH 133.34 FEET OF ROADWAY WORK, CONSTRUCTED ON NEW FOOTINGS ALONG THE SAME ALIGNMENT.

NOTE: APEA OF DISTURBANCE INCLUDES LIMITS OF EARTH DISTURBANCE WITHIN THE PROJECT AREA, AS WELL AS WASTE, BORROW AND STAGING AREAS, AND OTHER EARTH DISTURBING ACTIVITIES WITHIN OR DIRECTLY ADJACENT TO THE PROJECT LIMITS AS SHOWN ON THE ATTACHED EPSC PLAN.

IT IS ANTICIPATED THAT CONSTRUCTION WILL LAST ONE CONSTRUCTION SEASON,

#### 2. AMOUNT OF DISTURBANCE & RISK EVALUATION

TOTAL AREA OF DISTURBANCE AS SHOWN ON THE ATTACHED EPSC PLAN IS APPROXIMATELY 0.92 ACRES.

THE MAXIMUM CONCURRENT EARTH DISTURBANCE USED TO SCORE THIS PROJECT IN APPENDIX A RISK ASSESSMENT IS 2.00 ACRES.

ANY MODIFICATIONS TO THE PROJECT THAT INCREASE THE RISK TO ENVIRONMENTAL RESOURCES SHALL BE EVALUATED IN ACCORDANCE WITH THE PERMIT REQUIREMENTS. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY ADDITIONAL PERMITTING.

#### 3. MAJOR COMPONENTS & SEQUENCING

THE CONTRACTOR SHALL SEQUENCE CONSTRUCTION ACTIVITIES TO MINIMIZE THE EXTENT OF DISTURBED SOILS LEFT OPEN TO EROSION AT ANY GIVEN TIME. PROJECT DEMARCTION FENCING WILL BE INSTALLED AT THE PROJECT LIMITS. EROSION PREVENTION AND SEDMENT CONTROLS WILL BE UTILIZED, AS SHOWN IN THE PLANS, THROUGHOUT THE DURATION OF CONSTRUCTION. THE EXISTING SUPERSTRUCTURE AND PORTIONS OF THE EXISTING ADDITIONS OF THE EXISTING PARTICIPATION AND ROBORING WILL TAKE PLACE AT THE PROPOSED ABUTINETS. WATER DIVERSION AND DEWATERING WILL BE UTILIZED BY THE CONTRACTOR TO ACCESS THE EXISTING PRESS DISTING PAREMENT AND ROADWAY BESE WILL BE EXCAVATED AND REPLACED WITH THE PROPOSED ROADWAY AT THE APPROACHES, PROPOSED UTILITIES WILL BE PLACED CONCURRENTLY WITH THE STEEL BEAMS, DECK, AND APPROACH SLABS. FOLLOWING FINAL SHAPE SHAPE, PROPOSED SIDEWALKS WILL BE INSTALLED, AND PAVEMENT WILL BE PLACED. LASTLY, ALL EROSION PREVENTION AND SEDIMENT CONTROL TEXTS WILL BE PROVED.

#### 4. SITE DESCRIPTION

#### 4.1 VEGETATED BUFFERS

MAINTAINING VEGETATED BUFFERS ALONG STREAM BANKS, WETLANDS OR OTHER SENSITIVE AREAS IS A CRUCIAL EROSION AND SEDIMENT CONTROL MEASURE THAT SHOULD BE IMPLEMENTED WHEREVER POSSIBLE.

THIS PROJECT DOES NOT RELY ON VEGETATED BUFFERS AS A MITIGATING RISK FACTOR.

#### 4.2 STREAM CROSSINGS

THIS PROJECT INCLUDES (1) STREAM CROSSINGS, AS DESCRIBED IN SECTION 5.1 BELOW. WORK WITHIN THE WATER IS BEING AUTHORIZED THROUGH THE VANR DEC RIVER MANAGEMENT PROGRAM AND THE US ARMY CORPS OF FINISHERS.

#### 4.3 WETLANDS

THERE ARE NO WETLANDS OR WETLAND BUFFERS BEING IMPACTED WITHIN THE PROJECT LIMITS.

#### 4.4 TOPOGRAPHY

THE TOPOGRAPHY OF THE PROJECT AREA IS GENERALLY FLAT. THE BRIDGE IS LOCATED IN A DOWNTOWN VILLAGE SETTING, WITH A CROSSWALK LOCATED AT THE NORTH OF THE BRIDGE AND ON-STREET PARKING LOCATED JUST OFF THE SOUTH BID OF THE BRIDGE RESTLED BETWEEN DRIVEWAYS. COMMERCIAL BUSINESSES WITH PAVED PARKING LOTS ARE LOCATED JACONG THE SOUTHWEST AND NORTHWEST QUADRANTS. THERE IS A COMMERCIAL BUSINESS WITH CORRESPONDING DRIVEWAY LOCATED JUST OUTSIDE OF THE PROJECT LIMITS IN THE NORTHEAST QUADRANT.

#### 4.5 VEGETATION

THE VEGETATION IN THE PROJECT AREA CONSISTS OF INTENTIONALLY PLANTED AND NATURALLY OCCURING DECIDIOUS TREES, SHRUBS, AND HERBACCOUS GROWTH. THERE IS MOWED GRASS FRONTAGE ALONG THE SOUTHEAST AND NORTHEAST OLUDRAMTS. THE IMPACT TO VEGETATION WILL BE LUMITED TO THAT WHICH IS DIRECTLY AFFECTED BY THE PROJECT. UPON COMPLETION, THE DISTURBED VEGETATION SHALL BE RESTABLISHED WITHLIVE STAKES, DECIDIOUS TREES AND SHRUBS, SEED, AND MULCH PER THE LANDSCAPE PIAN.

#### 4.6 SOILS

ALL SOIL DATA CAME FROM THE U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE. SOILS ON THE PROJECT SITE INCLUDE:

MACHIAS FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES, "K FACTOR" = 0.20 COLTON GRAVELLY SANDY LOAM, 3 TO 8 PERCENT SLOPES, "K FACTOR" = 0.17

ADDITIONALLY, THERE ARE CONTAMINATED SOILS AND POTENTIAL HAZARDOUS WASTE WITHIN THE PROJECT LIMITS. PER VANR HAZARDOUS SITES ARE LOCATED IN THE MORTHWEST AND SOUTHWEST (QUADRANTS OF THE PROJECT, AND A HAZARDOUS WASTE GENERATOR IS LOCATED IN THE MORTHWEST COLATED IN THE MORTHMEST GUADRANT. THERE IS ALSO AN UNDERGROUND STORAGE TANK LOCATED IN THE MORTHWEST QUADRANT. IN ADDITION, THE ENTIRE PROJECT SITE IS LOCATED WITHIN A MAPPED URBAN SOILS BACKGROUND AREA. THE DISTURBANCE OF SOILS WITHIN THE PROJECT AND THE METHOD BY WHICH THEY ARE HANDLED, TRANSPORTED, AND DISPOED OF WILL BE IN COMPLIANCE WITH THE SOIL MANAGEMENT PLANTHAT HAS BEEN REPRARED FOR THIS PROJECT.

NOTE: K-VALUES GENERALLY INDICATE THE FOLLOWING: 0.0-0.23 = LOW EROSION POTENTIAL 0.24-0.36 = MODERATE EROSION POTENTIAL 0.37 AND HIGHER = HIGH EROSION POTENTIAL

#### 4.7 OTHER SENSITIVE RESOURCES

WHILE BRIDGE 60 IS NOT A HISTORICALLY SIGNIFICANT STRUCTURE, IT IS LOCATED WITHIN THE VERMONT STATE REGISTER-LISTED DEPOT SQUARE HISTORIC DISTRICT. THREE CONTRIBUTING BUILDINGS TO THE DEPOT SQUARE HISTORIC DISTRICT ARE LOCATED AT THE SOUTHEASTERN CONRER OF THE BRIDGE: 38 NORTH MAIN STREET, 28 NORTH MAIN STREET, WHO 9 EAST STREET. THE CONTRACTOR SHALL NOT TEMPORARILY OF REPRIAMENTLY MEMORY ANY OF THESE PROPERTIES DURING CONSTRUCTION OF THIS PROJECT. IF ANY OF THE AFOREMENTIONED PROPERTIES ARE AFFECTED, SECTION 4(F) REVIEW WILL BE NECESSARY UNDER FHWA REGULATION 23 CFR 774. THE NEW STRUCTURE'S DESION, MATERIALS, MASSING, RAULING AND ANY OTHER PERMANENT FEATURES SHALL BE COMPARTIBLE WITH THE HISTORIC DISTRICT.

#### 5. DRAINAGE

#### 5.1 RECEIVING WATERS

DOG RIVER, A WATER-COURSE REGULATED BY THE US ARMY CORES OF ENGINEERS, IS A NORTH-FLOWING TRIBUTARY OF THE WINOOSKI RIVER, AND IS THE ONLY WATER SOURCE ON THE PROJECT SITE. MUNICIPAL WATER SUPPLIES WATER TO RESIDENCES AND BUSINESSES IN THE IMMEDIATE VICINITY OF THE BRIDGE. THE DGG RIVER IS PROVE TO A MODERATE TO HIGH DEBRIS LOAD, AND THE STREAM BED CONSISTS OF GRAYEL, COBBLES AND BOULDERS. THE TRIBUTARY AREA AT THE BRIDGE CROSSING IS 96, MILES?

#### **5.2 DISCHARGE POINTS**

THIS PROJECT HAS THREE DISCRETE DISCHARGE POINTS WHICH CONVEY RUNOFF FROM WITHIN THE CURBED AREAS OF THE ROADWAY INTO THE RECEIVING WATER FROM ORAINGE OUTFALLS. OUTSIDE OF THE CURRED AREAS, ALL WATER FROM THE PROJECT AREA DRAINS TOWARD THE RIVER AND ENTERS THE RECEIVING WATER IN MULTIPLE LOCATIONS IN THE AREAS DIRECTLY ADJACENT TO THE BRIDGE.

### 5.3 CONVEYANCE/FLOW PATH FROM PROJECT TO WATERS

A PORTION OF THE PROJECT IS NOT CURRED AND RUNDEF DRAINS OVERLAND ACROSS ADJACENT VEGETATED SIDE SLOPES BEFORE REACHING THE DOG RIVER. FOR THE REMAINING CURBED SEGMENTS, THERE EXIST A NUMBER OF BROP INLETS THAT COLLECT ROADWAY RUNOFF WHICH DRAIN TO OUTFALLS IN THE SOUTHWEST, NORTHEAST AND SOUTHEAST QUADRANTS VIA 24" DRAINAGE PIPES THAT EXTEND TOWARDS THE DOG RIVES TREAMBAIN.

#### 6. EROSION PREVENTION AND SEDIMENT CONTROL MEASURES

THE MEASURES INCLUDED IN THIS PLAN ARE PROVIDED AS A GUIDELINE FOR PREVENTING EROSION AND CONTROLLING SEDIMENT TRANSPORT. IT IS EXPECTED THAT THE CONTRACTOR MAY USE THIS FLAN, WITH ADJUSTMENTS AS NECESSARY, BASED ON THEIR SPECIFIC MEANS AND METHODS OF CONSTRUCTION.

APPLYING THESE MEASURES THROUGHOUT CONSTRUCTION IS CRITICAL TO THEIR SUCCESS IN MINIMIZING SEDIMENT TRANSPORT TO THE RECEIVING WATERS. REFER TO THE DETAILS INCLUDED IN THESE PLANS AND THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION'S VERMIONT STANDARDS AND SPECIFICATIONS FOR EROSION PREVENTION AND SEDIMENT CONTROL FOR SPECIFIC GUIDANCE.

#### 6.1 IDENTIFY LIMITS OF DISTURBANCE

SITE BOUNDARIES AND AREAS CONSTRUCTION EQUIPMENT CAN ACCESS SHALL BE DELINEATED.

PROJECT DEMARCATION FENCING (PDF) SHALL BE USED TO PHYSICALLY MARK SITE BOUNDARIES. BARRIER FENCE SHALL BE USED INSTEAD OF PROJECT DEMARCATION FENCE WITHIN 100 FEET OF A WATER RESOURCE (STREAM, BROOK, LAKE, POND, WETLAND, ETC).

#### 6.2 LIMIT CONCURRENT DISTURBANCE

LIMITING THE AMOUNT OF SOIL EXPOSED AT ONE TIME REDUCES THE POTENTIAL EROSION ON SITE, CONCURRENT EARTH DISTURBANCE CAN BE MINIMIZED THROUGH CONSTRUCTION PHASING BY ONLY OPENING UP EARTH AS INCESSARY AND EMPLOYING STABILIZATION PRACTICES IN INCREMENTAL STAGES AS PHASES CHANGE.

#### 6.3 STABILIZE DISTURBED AREAS

#### 6.3.1 ACCESS POINTS/ENTRANCE/EXITS

TRACKING OF SEDIMENT ONTO PUBLIC HIGHWAYS SHALL BE MINIMIZED TO REDUCE THE POTENTIAL FOR RUNOFF ENTERING RECEIVING WATERS. INSTALLATION SHALL CONCIDE WITH THE CONTRACTORS PROGRESS SCHEDULE.

STABILIZED CONSTRUCTION ENTRANCES ARE ANTICIPATED ON THIS PROJECT AND SHALL BE LOCATED AS SHOWN ON THIS EPSO PLAN AND ANYWHERE EQUIPMENT WILL BE GOING FROM AREAS OF EXPOSED SOILS TO PAYED SURFACES.

#### 6.3.2 TEMPORARY MEASURES FOR EXPOSED AREAS DURING CONSTRUCTION

ALL AREAS OF EARTH DISTURBANCE MUST HAVE STABILIZATION IN PLACE WITHIN 14 DAYS OF INITIAL DISTURBANCE. AFTER THIS TIME, DISTURBED AREAS MUST BE STABILIZED IN ADVANCE OF ANY RUNOFF PRODUCING EVENT.

SURFACE ROUGHENING OF EXPOSED SLOPES, SEEDING OF TEMPORARY SLOPES AND STOCKPILES, AND STANDARD MULCHING PRACTICES DESCRIBED IN SPECIFICATION SECTION 653.07 SHALL BE UTILIZED TO TEMPORABILY STABILIZED INSTIBILED ABOVE.

#### 6.3.3 PERMANENT STABILIZATION AT FINAL GRADE

EXPOSED SOIL MUST BE STABILIZED WITHIN 48 HOURS OF REACHING FINAL GRADE.

SEED, MULCH, FERTILIZER AND LIME SHALL BE USED TO ESTABLISH PERMANENT VEGETATION. FOR SLOPES STEEPER THAN 1:3, ROLLED EROSION CONTROL PRODUCT, TYPE I SHALL BE USED INSTEAD OF MULCH.

CONTRACT ITEM 613.13 - STONE FILL, TYPE IV SHALL BE USED TO ARMOR THE CHANNEL BANK IN THE VICINITY OF BRIDGE ABUTMENTS AND WINGWALL SLOPES.

#### 6.4 DIVERT UPLAND RUNOFF

DIVERSIONARY MEASURES SHALL BE USED TO INTERCEPT RUNDEF FROM ABOVE THE CONSTRUCTION AND DIRECT IT AROUND THE DISTURBED AREA SO THAT CLEAN WATER DOES NOT BECOME MUDDIED WHILE TRAVELING OVER EXPOSED SOILS ON THE CONSTRUCTION SITE.

THE PROJECT AREA IS RELATIVELY FLAT; HOWEVER, YT ROUTE 12 SOUTH OF THE PROJECT AREA DRAINS TOWARD THE PROJECT AREA. RUNOFF FROM THESE AREAS MAY NEED TO BE DIVERTED AWAY FROM THE PROJECT AREA. THE CONTRACTOR SHALL REFER TO THE LOW RISK HANDBOOK FOR GUIDAMY FROM THE

#### **6.5 INSTALL SEDIMENT BARRIERS**

SEDIMENT BARRIERS SHALL BE UTILIZED TO INTERCEPT RUNOFF AND ALLOW SUSPENDED SEDIMENT TO SETTLE OUT. THEY SHALL BE INSTALLED ON THE DOWNHILL SIDE OF CONSTRUCTION ACTIVITIES, PRIOR TD ANY UP-SLOPE WORK.

IN-WATER SEDIMENT ISOLATION DEVICE SHALL BE ANY MEASURE WHICH EFFECTIVELY SEPARATES SEDIMENTS OR POLLUTANTS FROM WATERS OF THE STATE AS DEFINED IN THE VERMONT WATER QUALITY STANDARDS.

SILT FENCE WILL BE INSTALLED ALONG THE CONTOURS AND AS PROPOSED ON THE EPSC PLAN. WOVEN WIRE REINFORCED SILT FENCE SHALL BE USED INSTEAD OF SILT FENCE WITHIN 100 FEET UPSLOPE OF RECEIVING WATERS.



PROJECT NAME: NORTHFIELD

PROJECT NUMBER: BF 0241(58)

FILE NAME: 2193223epsc\_norrotive.dgr PROJECT LEADER: K. SMITH DESIGNED BY: K. HO EPSC NARRATIVE SHEET I PLOT DATE: 5/29/2025 DRAWN BY: T. MARQUETTE CHECKED BY: C. JENNE SHEET 95 OF 102

#### 6.6 SLOW DOWN CHANNELIZED RUNOFF

CHECK STRUCTURES SHALL BE UTILIZED TO REDUCE THE VELOCITY, AND THUS THE EROSIVE POTENTIAL, OF CONCENTRATED FLOW IN CHANNELS.

TERMPORARY STONE CHECK DAMS ARE NOT ANTICIPATED TO BE NEEDED AS DESIGNED SINCE THE STREAMBED WITHIN THE PROJECT AREA IS RELATIVELY FLAT, AND THE CHANNEL'S FLOW VELOCITY DOES NOT WARRANT

#### 7. CONSTRUCT PERMANENT CONTROLS

PERMANENT STORMWATER TREATMENT DEVICES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH PERMIT CONDITIONS

PERMANENT STORMWATER TREATMENT DEVICES ARE NOT ANTICIPATED TO BE NEEDED AS DESIGNED.

#### 8. DEWATERING

DISCHARGE FROM DEWATERING ACTIVITIES THAT FLOWS OFF OF THE CONSTRUCTION SITE MUST NOT CAUSE OR CONTRIBUTE TO A VIOLATION OF THE VERMONT WATER QUALITY STANDARDS, DEWATERED STORMWATER OR GROUNDWATER MUST BE FILTERED AND ROUTED IN A MANNER THAT DOES NOT RESULT IN VISIBLY TURBID DISCHARGES TO WATERS.

DEWATERING OF SURFACE WATER WITHIN THE COFFERDAM IS ANTICIPATED. THE FILTER BAG DETAIL AND PAY ITEM HAVE BEEN INCLUDED AS A POTENTIAL TREATMENT MEASURE FOR THIS PURPOSE, HOWEVER THE SPECIFIC MEANS FOR TREATMENT OF DISCHARGE SHALL BE PROVIDED BY THE CONTRACTOR. ALL COSTS FOR TREATMENT OF DISCHARGE SHALL BE PAID FOR UNDER CONTRACT ITEM 653.45.

#### 9. OFF-SITE AREAS

OFF-SITE WASTE AND BORROW AREAS HAVE NOT BEEN IDENTIFIED FOR THIS PROJECT. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY AND PERMIT, AS NECESSARY, ANY OFF-SITE AREAS THAT ARE NEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 105.25 - 105.28, ALL EROSION PREVENTION AND SEDIMENT CONTROL MEASURES NECESSARY FOR WASTE, BORROW, AND STAGING AREAS OUTSIDE THE PROJECT LIMITS SHALL BE PAID FOR PER 105.29 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION.

VEHICLE AND EQUIPMENT STORAGE AREAS OR AREAS ADJACENT TO CONSTRUCTION TRAILERS OR OTHER HIGH TRAFFIC AREAS SHALL BE COVERED WITH GEOTEXTILE FABRIC AND 12" OF GRAVEL. FOLLOWING COMPLETION OF CONSTRUCTION, ALL NON-NATIVE MATERIALS SHALL BE REMOVED FROM THE STAGING AREA. COMPACTED, RUTTED, OR OTHERWISE DISTURBED SOILS SHALL BE TILLED, RAKED, SEEDED AND

ERODIBLE MATERIALS STOCKPILED WITHIN THE MATERIAL STORAGE AREAS SHALL BE ISOLATED WITH SILT FENCE OR OTHER ACCEPTABLE SEDIMENT BARRIER. SOIL STOCKPILED ON THE SITE SHALL BE SEEDED AND

#### 10. WINTER CONSTRUCTION

CONSTRUCTION ACTIVITIES MAY CONTINUE INTO THE WINTER CONSTRUCTION SEASON, DEPENDING ON ACTUAL FIELD AND WEATHER CONDITIONS. IF ACTIVITIES ARE ON-GOING BETWEEN OCTOBER 15 AND APRIL 15, THE CONTRACTOR SHALL FOLLOW REQUIREMENTS FOR WINTER CONSTRUCTION, AS DEFINED IN SPECIFIC PERMIT CONDITIONS AND AS FOLLOWS:

- ENLARGED ACCESS POINTS, STABILIZED TO PROVIDE FOR SNOW STOCKPILING.
- LIMITS OF DISTURBANCE MOVED OR REPLACED TO REFLECT BOUNDARY OF WINTER WORK.
- DEVELOPMENT OF A SNOW MANAGEMENT PLAN THAT INCLUDES:

  ADEQUATE STORAGE AND CONTROL OF MELT-WATER
- STORAGE OF CLEARED SNOW TO BE PLACED DOWN SLOPE OF DISTURBED AREAS AND OUT OF STORMWATER TREATMENT STRUCTURES
- AREAS OF DISTURBANCE WITHIN 100 FT OF A WATERBODY MUST HAVE REINFORCED (WOVEN WIRE) SILT FENCE INSTALLED ACROSS THE SLOPE, DOWNGRADIENT OF THE EARTH DISTURBANCE. ALTERNATIVELY, REGULAR, NON-WOVEN WIRE SILT FENCE MAY BE USED IF COMBINED WITH EROSION CONTROL BERM, EROSION LOG, OR STRAW WATTLE.
- DRAINAGE STRUCTURES MUST BE KEPT OPEN AND FREE OF SNOW AND ICE DAMS.
- SILT FENCE AND OTHER PRACTICES REQUIRING EARTH DISTURBANCE MUST BE INSTALLED AHEAD OF FROZEN GROUND.
- MULCH TO BE APPLIED AT A MINIMUM OF 2 INCHES DEPTH WITH 80-90% COVERAGE.
- AREAS OF DISTURBED SOILS MUST BE STABILIZED PRIOR TO ANY RUNOFF-PRODUCING EVENT, WITH THE FOLLOWING EXCEPTION:
- STABILIZATION IS NOT REQUIRED IF THE WORK IS OCCURRING IN A SELF-CONTAINED EXCAVATION WITH NO OUTLET AND A DEPTH OF 2 FT OR GREATER (OPEN UTILITY TRENCHES), PROVIDED THAT ANY DEWATERING, IF NECESSARY, IS CONDUCTED AS REQUIRED.
- PRIOR TO STABILIZATION, SNOW OR ICE MUST BE REMOVED TO LESS THAN 1" THICKNESS.
- USE STONE TO STABILIZE AREAS WHERE CONSTRUCTION VEHICLE TRAFFIC IS ANTICIPATED.

#### 11. INSPECTION & MAINTENANCE

INSPECTION AND MONITORING OF THE PROJECT'S EPSC MEASURES SHALL BE CONDUCTED IN ACCORDANCE WITH STANDARD SPECIFICATION 653.04 MONITORING EROSION PREVENTION AND SEDIMENT CONTROL PLAN, ALONG WITH PERMIT SPECIFIC INSPECTION REQUIREMENTS.

THE CONTRACTOR SHALL PROVIDE A COPY OF THEIR INSPECTION FORM AS PART OF THEIR EPSC PLAN.

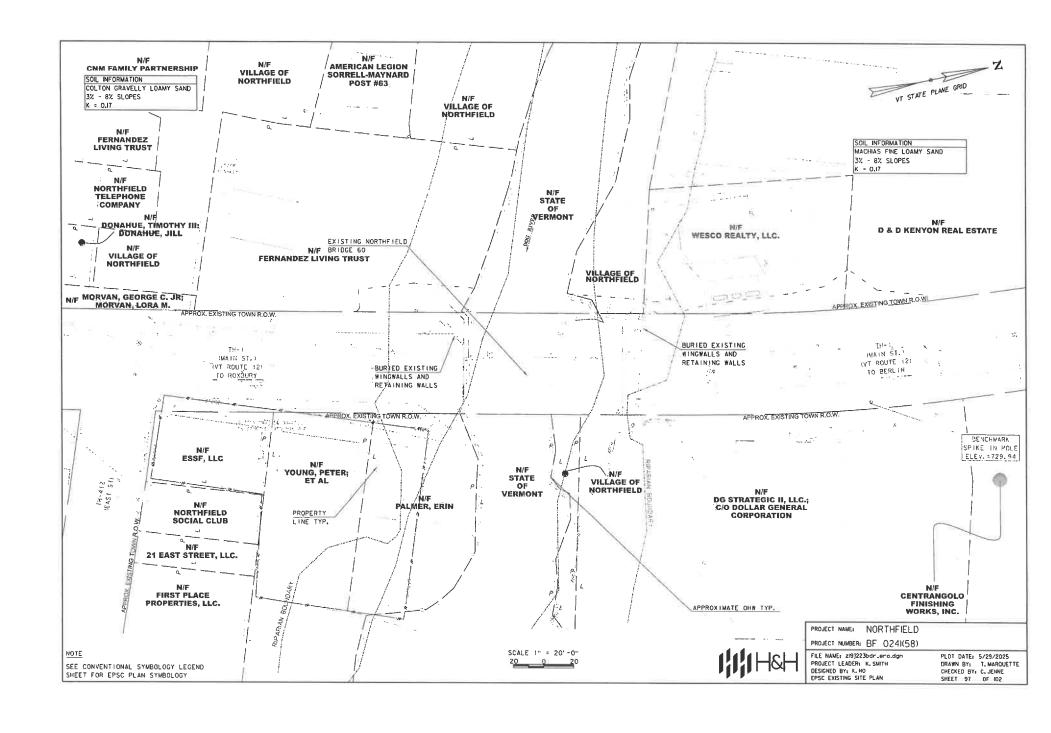
ALL EPSC MEASURES SHALL BE REGULARLY MAINTAINED AND SHALL BE CHECKED FOR SEDIMENT BUILD-UP. SEDIMENT SHALL BE DISPOSED OF AT AN APPROVED SITE WHERE IT WILL NOT BE SUBJECT TO EROSION.

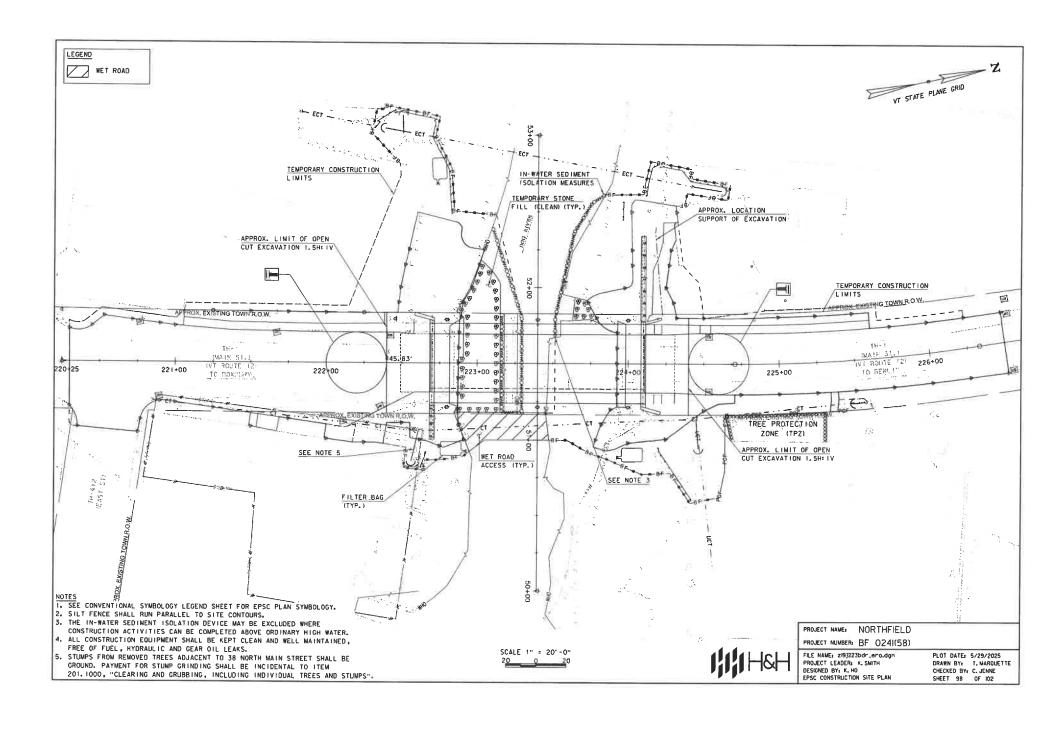


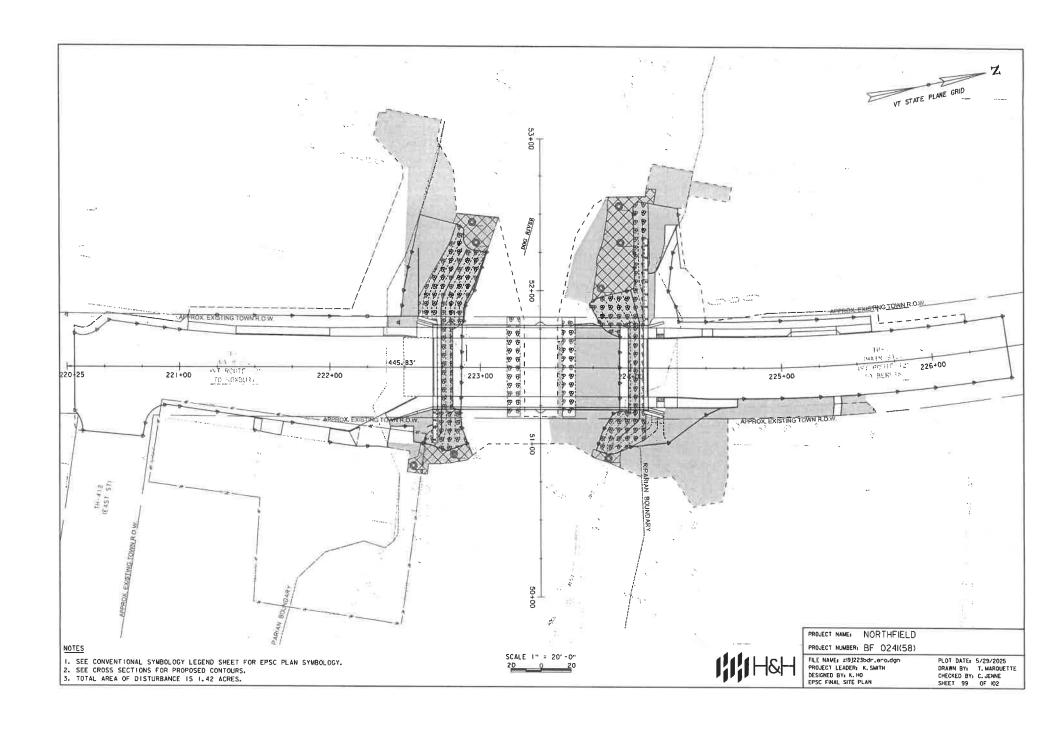
PROJECT NAME: NORTHFIELD PROJECT NUMBER: BF 024((58)

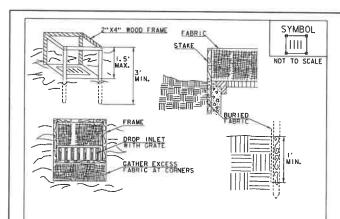
FILE NAME: zi9j223epsc\_narrative.dgn PROJECT LEADER: K. SMITH DESIGNED BY: K. HO EPSC NARRATIVE SHEET 2

PLOT DATE: 5/29/2025 DRAWN BY: T. MARQUETTE CHECKED BY: C. JENNE SHEET 96 OF 102









#### CONSTRUCTION SPECIFICATIONS

- I. FILTER FABRIC SHALL HAVE AN APPARENT OPENING SIZE OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
- 2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
- 3. STAKE MATERIALS WILL BE STANDARD 2"× 4" WOOD OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3'.
- 1.SPACE STAKES EVENLY AROUND INLET 3' APART AND DRIVE A MINIMUM 18" DEEP. SPANS GREATER THAN 3' MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
- 5- FABRIC SHALL BE EMBEDDED !' MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
- 6. A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.
- 7. MAXINUM DRAINAGE AREA I ACRE

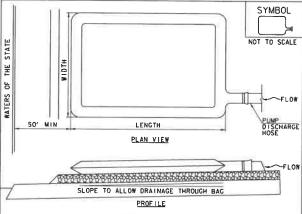
ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC ORIGINALLY DEVELOPED BY USDA-NRCS VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FILTER FABRIC DROP INLET PROTECTION

REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006- "FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 653 FOR INLET PROTECTION DEVICE, TYPE I (PAY ITEM 653,400D.

MARCH 7, 2008	WHF
JANUARY 13, 2009	WHF



## CONSTRUCTION SPECIFICATIONS

- I- THE PRIMARY PURPOSE OF FILTER BAG IS TO RETAIN SILT, SAND, AND FINES DURING DEWATERING OPERATIONS.
- 2. FILTER BAGS SHALL BE INSTALLED ON A VEGETATED SLOPE GRADED TO ALLOW INCOMING WATER TO FLOW THROUGH THE BAG.
- 3. FILTER BAGS MAY ALSO BE PLACED ON COARSE AGGREGATE, STONE. OR HAYBALES TO INCREASE FILTRATION EFFICIENCY.
- 4.FILTER BAGS SHALL BE LOCATED A MINIMUM OF 50' FROM WATERS OF THE STATE UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- 5. THE NECK OF THE FILTER BAG SHALL BE STRAPPED TIGHTLY TO THE DISCHARGE HOSE.
- 6. A FILTER BAG IS FULL WHEN IT NO LONGER CAN EFFICIENTLY FILTER SEDIMENT OR ALLOW WATER TO PASS AT A REASONABLE RATE.
- 7. FILTER BAG SHALL BE DISPOSED OF AS APPROVED IN THE EPSC PLAN OR AS DIRECTED BY THE ENGINEER.

FILTER BAG

REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006- "FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 653 FOR FILTER BAG IPAY ITEM 653,4500) AND AS SPECIFIED IN THE CONTRACT.

MARCH 24, 200B	WHF
JANUARY 13, 2009	WHE



GENERAL	AMENDMEN	NT GUIDANCE	
FERTILIZER	LIME		
10/20/10	AG LIME	PELLITIZED	
500 LBS/AC	2 TONS/AC	1 TONS/AC	

#### CONSTRUCTION GUIDANCE

- I.SEED MIX: THE URBAN AREA MIX SHALL NOT BE USED IN WETLANDS OR ANY WATERS OF THE STATE OF VERMONT.
- 2. SEED MIX: USE ONLY AS INDICATED IN THE PLANS.
- 3. SEED MIX: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
- 4.FERTILIZER AND LIMESTONE: SHALL FOLLOW RATES SHOWN ON PLAN OR AS DIRECTED BY THE ENGINEER
- 5.HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, ACHIEVE 90% GROUND COVER OR AS DIRECTED BY THE ENGINEER.
- 6.HYDROSEEDING: ALTHOUGH GUIDANCE IS GIVEN ABOVE THE SITE CONDITIONS AND THE TYPE OF HYDROSED WILL ULTIMATELY DICTATE THE AMOUNTS AND TYPE TO SOIL AMENDMENTS TO BE APPLIED.
- 7.TURF ESTABLISHMENT: PLACING SEED, FERTILIZER, LIME AND MULCH PRIOR TO SEPTEMBER 15 AND AFTER APRIL 15 CAN BETTER ENSURE A VIGOROUS GROWTH OF GRASS.

DAPTED	FROM DADWA	VTRANS	TECHNICAL LANDSCAPE MANUAL TRANSPORTATION FACILITIES	. FOR	TURF	ESTABL ISHMENT	Г

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 651 FOR SEED (PAY ITEM 651,1500)

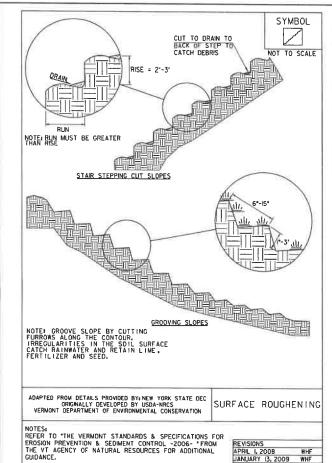
REVISIONS JANUARY 22, 2015 WHF



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

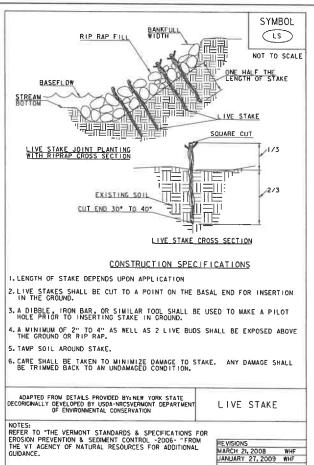
FILE NAME: zi9J223epsc.def.dgm PROJECT LEADERS K, SMITH DESIGNED BY: K. HO EPSC DETAILS - I

PLOT DATE: 5/29/2025 DRAWN BY: T. MARQUETTE CHECKED BY: C. JENNE SHEET 100 OF 102



THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE

CONTRACT



THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH

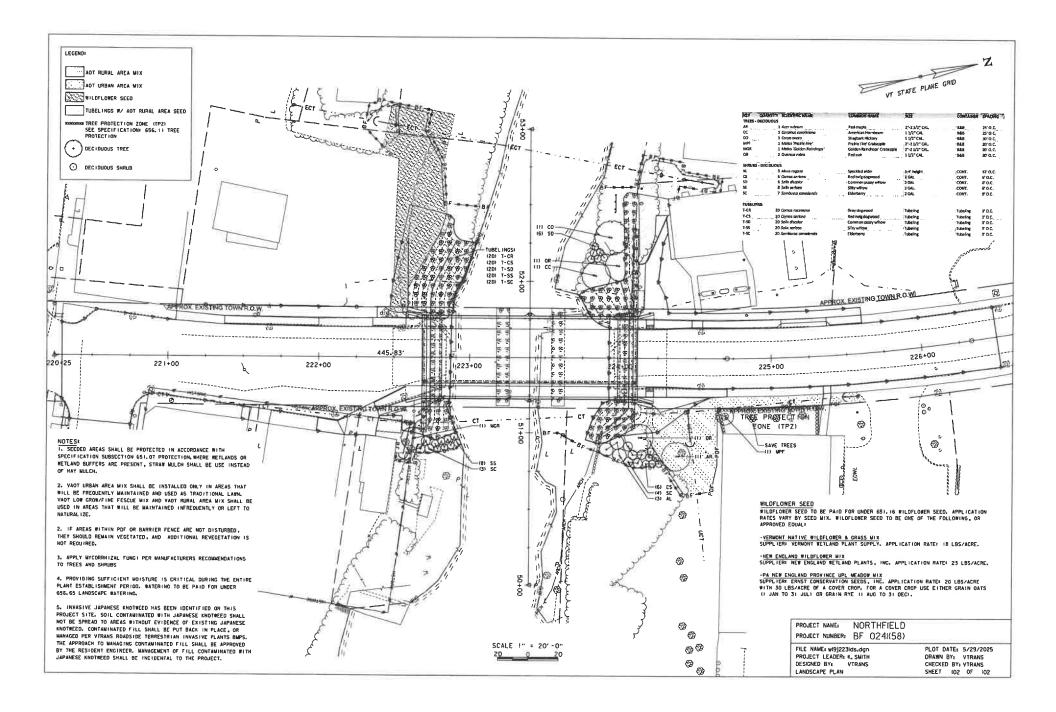
SECTION 656 FOR LIVE STAKE (PAY ITEM 656,1100)

1111H&H

PROJECT NAME: NORTHFIELD PROJECT NUMBER: BF 024(58)

FILE NAME: zi9J223epsc.det.dgn PROJECT LEADER: K.SMITH DESIGNED BY: K.HO EPSC DETAILS - 2

PLOT DATE: 5/29/2025
DRAWN BY: T. MARQUETTE
CHECKED BY: C. JENNE
SHEET IOI DF IO2



From: Sherrie Tucker <sherrie@retuckerinc.com>

Sent: Monday, June 16, 2025 2:16 PM

To: Select Board <SelectBoard@northfield.vt.us>

Cc: Karl Bailey <kbailey@northfield.vt.us>

Subject: RE TUCKER INC

Print or

Good Afternoon Selectboard members and Highway Foreman,

Please find the attached letter for your review.

We would like to be added to the Agenda for the next meeting to discuss this proposal in further detail.

Please and Thank you

Sherrie G Tucker

# R.E. TUCKER INC 1521 BEAR HILL ROAD RANDOLPH VERMONT 05060

802 276 3696

Dear Northfield Selectboard Members,

R.E.Tucker, Inc has been a vital part of this community for over 50 years, by providing sand and gravel for municipal and private roads as well as material for excavation projects.

R.E. Tucker Inc has depleted two out of its three extraction properties in the area.

The third sand pit is approximately 21 acres (parcel 014025300) and is located just south of the Northfield Country Club on Route 12A. The access was built for large equipment and trucks, with a steel bridge and a heavy duty wooden deck. The Railroad crossing has a wooden vehicle crossing that has been maintained in conjunction with the RE Tucker Inc and Genesse Wyoming RR. The site distance at the crossing is more than adequate at five hundred plus feet in both directions.

The property has an estimated 100,000 yards of sand and gravel reserves. In Ron's calculation this would provide the town with winter sand for over 25 years. Land clearing would be necessary to begin the extraction. Extraction would be planned in phases of 2 acres increments. Ron is happy to share his knowledge and experience in this area.

After cafeful consideration we have made a decision not to develop this natural resource. We feel the property would be best utilized by the town and would like to offer the property to the town for a lifetime of sand and gravel for the sum of \$600,000.

We look forward to presenting our proposal to you and gathering for a site visit.

Sincerely

Ron and Sherrie Tucker

From: Timothy Swartz <swartztim15@gmail.com>

**Sent:** Thursday, July 17, 2025 12:09 PM **To:** Jeff Schulz <jschulz@northfield.vt.us>

Cc: John B. Stevens <stevens@norwich.edu>; Merry Shernock <mshernock@northfield.vt.us>; Mary Nadon Scott

<marynadonscott@gmail.com>; Daniel Anderson <andersond@hartfordschools.net>

Subject: Request to be on the agenda for July 22 meeting

Jeff--

The Accessibility, Walkability and Pedestrian Safety Task force requests to be on the agenda for Scheduled Public Participation at the next Selectboard meeting.

We would like to talk about needed improvements to ensure pedestrian safety:

- Need for warning signs about the Northfield Falls crosswalk, especially for drivers coming from the north. Currently, drivers don't see the crosswalk or the flashing lights until they make the left bend--too close to slow down.
- Need for trimming of roadside bushes/shrubs/tree branches that obscure pedestrian crossings and also road signs at various places. We will bring a list of specific places where trimming needs to happen, including:
  - o Rt. 12 from the north toward the Falls pedestrian crossing, as noted above.
  - o At the pedestrian bridge over the Dog River, at the Water St. end.
  - o Tree branches overhanging speed limit sign on Rt. 12, south of the 12A intersection

±1.7

o And several other locations--we'll provide a list at the meeting for the town to us.

Please confirm that we can speak to these issues. I know that the agenda is finalized on Friday morning.

Thanks for your attention to this matter.

Tim Swartz 802-225-8921

17.

# TOWN OF NORTHFIELD, VERMONT MEETING OF THE PLANNING COMMISSION Minutes of July 1, 2025

# 6:30 pm at Brown Public Library Community Room

The meeting was called to order at 6:33 pm by Chair Royal DeLegge.

**Roll Call:** Present for the meeting were Planning Commission members Royal DeLegge, Elroy Hill, and Brian Massey, Jr. Also present were Zoning Administrator & PC Clerk Mitch Osiecki.

Also present were Geoff Farrell of Farrell Associates; Bill Clements - AWPS Task Force; Mary Nadon Scott - AWPS; DeLane McIlvene - AWPS; Ed Striebe, resident; Leslie Striebe - Welcome Home Northfield; Gerald LaVarnway, resident; Doug Judd, resident; Dylan Braam, resident; Dan Anderson - AWPS; Tim Swartz - AWPS; Carolyn Stevens - AWPS; John Stevens, Select Board; Merry Shernock, Select Board; David Maxwell, Select Board; Reuben MacMartin - CVRPC; Kaitlyn Keating - AWPS & NCDN.

The above were all present in the Community Room. In addition, Susan Stillinger and Nancy (no last name given) attended via Zoom.

Royal DeLegge introduced the Planning Commission members and welcomed guests to the Planning Commission meeting.

Adjustments to Agenda: No Adjustments proposed.

Motion: Brian moved to approve the agenda. Elroy seconded.

Vote to approve: 3-0.

**Public Participation:** Royal introduced Geoff Farrell, who will be making a presentation shortly.

# **Minutes**

**Motion:** Elroy moved to approve the minutes of the PC meeting on June 3; Brian seconded.

Vote to approve: 3-0.

Geoff Farrell presented an overview of Form-Based Code, which he compared/contrasted with traditional Zoning Regulations. Geoff showed examples of how the use of traditional zoning regs can have unintended consequences and produce sprawl or other undesirable development.

At the conclusion of his presentation, Geoff invited questions.

# **Old Business**

# **Town Forest**

Royal explained to those in attendance the work the PC is doing to create a proposed Town Forest Overlay zoning district and the purpose of such a district (formalize the appropriate uses of a Town Forest, provide some measure of protection of the Town Forest from development).

Mitch reported that the PC will likely be added to the agenda for the July 22 meeting of the Select Board.

# PC Staffing

Doug Judd has expressed interest in joining the PC. Will discuss a meeting with the PC.

# **CVRPC Update**

Royal reported that the CVRPC has received some \$2.2 million to fund Brownfield remediation.

The CVRPC has released a draft version of an updated Future Land Use Map. The CVRPC will be discussing the draft map with member Select Boards/Planning Commissions in the coming months. Plans to present a final map to the Land Use Review Board in Dec 2025 or Jan 2026.

# **Zoning Update**

Mitch discussed several ongoing or upcoming projects:

- Project timeline still being developed for removal of the Cross Brothers Dam from the Dog River.
- 2. DRB issued a written decision on the appeal of the controlled burn of the old farmhouse on Bailey Rd on June 12. A decision of the DRB may be appealed to the VT Environmental Court within 30 days. Mitch has advised the Northfield Fife Department to not schedule a controlled burn until the appeal date has passed. When a burn date is scheduled, Mitch will notify area residents, so they're not caught off-guard.

**Next Meeting:** Tuesday, August 5 at 6:30 pm.

Adjournment: Elroy moved to adjourn; Brian seconded.

Motion carried, 3-0.

Meeting adjourned at 8:24 pm.

Possible bylaw language defining a "Forest Reserve Overlay District" that could be used along with designating the Town Forest to fall within the district on the zoning map:

"Forest Reserve Overlay District: The purpose of the Forest Reserve Overlay District is to produce wood products, maintain wildlife habitat, protect water supplies, and provide forest recreation and conservation education. Within the Forest Reserve Overlay District, permitted uses include sustainable commercial forestry and related uses, and all other land development is prohibited."

## TOWN OF NORTHFIELD, VERMONT SELECT BOARD REGULAR MEETING Minutes of July 8, 2025

I. ROLL CALL. Chair Charles Morse, Board members K. David Maxwell, Lydia Petty (absent), Merry Shernock, and John Stevens. Also present were Manager Jeff Schulz, Acting Clerk Kenneth McCann, Pierre Gomez (Police Chief), Rebecca Trower, Lorna Doney, Shawna Foran, Lynn Doney, Krista Ward, Gerard LaVarnway, and Elroy C. Hill.

Chair Morse called the meeting to order at 7:00 p.m.

- II. SET/ADJUST AGENDA. (7:00 p.m.) Chair Morse noted that the Municipal Condemnation site visit and hearing that had been scheduled for tonight have been cancelled. Manager Schulz will provide a full explanation later in the meeting (see below).
- III. PUBLIC PARTICIPATION (SCHEDULED): None.
- IV. APPROVAL OF MINUTES
  - a. June 24, 2025 (Regular Meeting). (7:02 p.m.) Motion by Board member Stevens, seconded by Board member Maxwell, to approve the minutes. Some minor typos and inadvertent misinformation will be corrected. **Motion passed 4-0-0.**
  - b. June 27, 2025 (Special Meeting). (7:03 p.m.) Motion by Board member Shernock, seconded by Board member Stevens, to approve the minutes. Motion passed 4-0-0.

### V. APPROVAL OF BILLS

- a. Approval of Warrant #01-26 & #01-26B-E. (7:04 p.m.) Motion by Board member Stevens, seconded by Board member Shernock, to approve Warrant #01-26 & #01-26B-E in the amount of \$1,123,610.31. Board member Stevens noted that we are still receiving repair bills for the 2014 Western Star truck. Manager Schulz said the plan is to sell this vehicle when its replacement comes into service. Unfortunately, this probably won't happen until November 2025. In the meantime, the current vehicle needed some repairs to pass inspection. Motion passed 4-0-0.
- b. Receipt of Biweekly Payroll through June 22, 2025. (7:08 p.m.) Motion by Board member Shernock, seconded by Board member Stevens, to receive the biweekly payroll in the amount of \$140,429.40. Board member Stevens asked why this pay period was higher than usual. Manager Schulz said a long-time employee retired recently and received a payout for unused vacation time. Motion passed 4-0-0.

### VI. SELECT BOARD

- a. Municipal Condemnation of 73 North Main Street Property. (7:13 p.m.) Manager Schulz said an agreement was reached this morning between the property owner (Wesco Realty) and the Vermont Agency of Transportation (VTrans) for easement access for the Main Street Bridge Replacement Project. VTrans agreed to the amount requested by the property owner (\$37,000) and some of these funds will be used to temporarily relocate the business sign. VTrans can now finalize their construction plans and there will be a presentation from VTrans Project Manager Gary Laroche P.E. at the next regular meeting (07/22/25).
- b. Approval of 2025-2026 Tax Rates (Homestead & Non-Homestead). (7:14 p.m.) Motion by Board member Shernock, seconded by Board member Maxwell, to set the FY 2025-2026 Town Tax Rate (Homestead) at 3.2126 and the FY 2025-2026 Town Tax Rate (Non-Homestead) at 3.3626. Board member Maxwell believes the municipality is run in a very efficient and cost-effective manner. The 6.88% increase in the Homestead Tax Rate is due to a 7.34% increase in the local Education Tax (Homestead) that is set by the Vermont Department of Taxes. Motion passed 4-0-0.
- c. Town Forest Stewardship Committee (TFSC) Appointment. (7:15 p.m.) Motion by Board member Maxwell, seconded by Board member Shernock, to appoint Bill Dell'Isola to the Town Forest Stewardship Committee. Motion passed 4-0-0.

#### VII. TOWN MANAGER'S REPORT

- a. Main Street Water Line and Cheney Field Tank Replacement Projects (7:18 p.m.). Manager Schulz reported that both projects remain on schedule for completion this autumn. The old water tanks on Cheney Field have been removed and the new tank will be installed in the next couple of weeks.
- b. Historic Bridges Scoping & Construction. (7:21 p.m.) Manager Schulz said VTrans is now conducting a scoping study of the three (3) Cox Brook Covered Bridges and the Rabbit Hollow Bridge. The federal government was to cover all the upgrade costs but those funds are no longer available. VTrans now will be seeking alternate funding sources. In addition, the municipality will be responsible for a five percent (5%) local match amount and the project construction has been delayed by a year until 2030.
- c. Vine Street Sidewalk Upgrade Project (7:22 p.m.) Manager Schulz said there was a week delay in the project as the contractor ordered the wrong type of curbing. However, the concrete is now being poured and the project remains on schedule for completion by August 1, 2025.
- d. Northfield Electric Department (NED) Rate Increase. (7:23 p.m.) Manager Schulz reported that on the recommendation of the Utility Commission members, the NED has applied to the Vermont Public Utility Commission (PUC) for a fourteen percent (14%) electric rate increase. It was felt this was needed to cover higher transmission costs and the higher expense of purchasing renewable energy in order to meet state requirements. This will be the first rate increase request in twelve (12) years and the PUC should be able to make their decision on this within the next four (4) to five (5) months. Chair Morse felt it might be a good idea to warn NED's major customers about the anticipated rate increase.
- **e. Budget Status Report (7:24 p.m.)** Manager Schulz said FY 2024-2025, which ended June 30, 2025, now seems to have concluded with a budget surplus. However, the final amount of the surplus will not be determined until all pre-July invoices have been processed and an independent audit has been conducted. There will be a large surplus in the Northfield Police Department's personnel budget due to reduced staffing levels.
- f. Northfield Ambulance Service (NAS) Union. (7:25 p.m.) Manager Schulz said there was a successful vote for the NAS part-time employees to form a collective bargaining unit. The next step will be for the new union to start negotiating with the municipality on a contract.
- g. Bulk Gasoline Purchases for Municipal Vehicles. (7:26 p.m.) Manager Schulz said it has been difficult to get fuel distributers to deliver gasoline to the Town Garage to fill up the gasoline-powered municipal vehicles. Delivery of diesel fuel has not been affected. Manager Schulz has been contacting various fuel distributors but the limited amount of gasoline the municipality purchases makes it difficult to find a regular supplier. In the interim, he has arranged for charge accounts at local gas stations.
- h. Turkey Hill Resurfacing Project (7:27 p.m.) Manager Schulz said that ninety-five percent (95%) of this project has been completed. Additional road material had to be ordered in order to finish the project and the majority of public comments about the work done have been very positive.
- i. 310 Water Street FEMA Buyout Property. (7:28 p.m.) Manager Schulz reported he has hired a local contractor (Hallstrom Excavating) to raze this FEMA buyout property. He added that Hallstrom Excavating was the low bidder and does have experience in structure demolition. The demolition should take about three (3) to four (4) days once it has been scheduled. There is a September deadline for the work.
- j. Culvert Inventory. (7:29 p.m.) Manager Schulz said the Central Vermont Regional Planning Commission (CVRPC) now has sufficient staffing for this project, which should start in the next few weeks. It was noted that Northfield has over 750 culverts and CVRPC said this was the most for a Central Vermont community.

**k. Municipal Bookkeeper Replacement. (7:30 p.m.)** Manager Schulz said that he is close to hiring a replacement for retired bookkeeper Deb O'Grady. He learned in the process that the standard salary for this position is higher than he originally anticipated.

### VIII. BOARD MEMBERS' COMMENTS, CONCERNS, QUESTIONS

- a. Bulk Gasoline Purchases for Municipal Vehicles (cont.). (7:31 p.m.) Board member Shernock asked if there has been some consideration of purchasing electric vehicles (EVs) in future given the difficulty in obtaining bulk gasoline. Chair Morse said he doesn't know of any EVs in the municipality's price range that could handle highway maintenance duties. There had been some consideration of purchasing an EV when the Utility Department vehicle was replaced last year. Manager Schulz confirmed this but added that the Utility Commission members thought the \$10,000 extra cost was too much. Board member Shernock felt EV purchases should be more seriously explored in future given the higher repair costs for gasoline- and diesel-fueled vehicles.
- b. Finance Director Replacement. (7:35 p.m.) Board member Stevens asked about the status of the job search for replacing the retired finance director (Laurie Baroffio). Manager Schulz said he has readvertised the position and Ms. Baroffio is willing to come in as a part-time consultant until her replacement has been hired. He added that it is difficult to find people willing to relocate to Central Vermont and hiring a remote worker for this position is not feasible.
- c. Volvo Loader Update. (7:36 p.m.) Board member Stevens has heard this vehicle went off the road and suffered considerable damage. Manager Schulz is unsure about all the details about this but will investigate and provide a detailed report on the repairs needed, cost estimates, etc.
- d. Community Room Upgrade. (7:38 p.m.) Board member Stevens noted that the room renovations don't seem to have started yet. Manager Schulz said the contractor who will perform the electric upgrade, etc. should be here within the next couple of weeks. He also has looked into the replacement of the large table where the Select Board members sit and received an \$8,000 estimate.
- e. Municipal Generators. (7:40 p.m.) Board member Stevens asked if the generators purchased with ARPA funds have been installed and are operational. Manager Schulz said they were although some upgrades will be needed for the one located at the NAS building.
- f. Stony Brook Road Covered Bridge, etc. (7:41 p.m.) Board member Stevens asked when this covered bridge would be repaired. Manager Schulz said he is obtaining cost estimates. Board member Stevens would like an additional warning sign located near the bridge that noted its minimum height clearance. Manager Schulz will order the sign. At last night's Utility Commissions meeting, Board member Stevens had asked about the possibility of repurposing old utility poles to support "headache bars" at covered bridge entrances. He would like this option reviewed to see if it could be done. Shawna Foran said that at a Select Board meeting over a year ago (03/26/24), a covered bridge expert brought in for a VTrans presentation discouraged the use of such devices as very unsafe for people traveling in campers, etc. Chair Morse said this was only a preliminary discussion at this time.
- R.E. Tucker Sand Pit. (7:45 p.m.) Board member Maxwell noted Sherrie Tucker from RE Tucker, Inc. had asked by email to be put on the last meeting's agenda in order to discuss the possibility of the municipality purchasing their sand pit located off Vermont Route 12A. She did not appear at that meeting but the Select Board members did task Manager Schulz with investigating this matter further. Board member Maxwell asked if there were any updates at this time. Manager Schulz said he did reach out to Ms. Tucker about this but has nothing new to report at this time. Board member Maxwell would like more information about this so the Select Board members can make an intelligent decision regarding whether the offer is both feasible and cost-effective.

- h. Cross Brother Dam Removal update (7:46 p.m.) Board member Maxwell would like to know if the planned dam removal remains on schedule for this year. Manager Schulz said he spoke to Karina Dailey (Vermont Natural Resources Council) about this and was told FEMA funding for this project is still in place. However, the agency is so understaffed at this time there is no certainty about the project timing, etc. Board member Maxwell asked if any delay for the dam removal would impact the Main Street Bridge Replacement project scheduled for next year. Manager Schulz said this should be a question for VTrans Project Manager Laroche at the next meeting.
- i. **NED Power Outage.** (7:50 p.m.) Board member Maxwell noted there was a brief power outage last Thursday night (07/03/25) during a heavy rainstorm. He asked why this happened. Manager Schulz said a transmission line in Warren was brought down during the storm. Green Mountain Power (GMP) employees then switched Northfield's power source over to a transmission line in Montpelier, which restored power within a half hour. Chair Morse added that a separate power outage in Northfield Falls due to a damaged transformer took a few hours to fix.
- j. Northfield Falls Pedestrian Crossing Improvements, etc. (7:52 p.m.) Board member Shernock said everyone she has spoken to in Northfield Falls is very pleased with the new pedestrian crossing sign with flashing lights. She added most drivers respect the new signage but perhaps additional warning signs further from the crossing should be installed. Manager Schulz said these pedestrian improvements on this state highway would have occurred much earlier had VTrans been more cooperative throughout the process. There now is some indication VTrans would like the site redesigned with the removal of some concrete panels but nothing is certain at this time. Board member Shernock added that there is a pedestrian hazard on the Cox Brook Road corner of this intersection. Manager Schulz said the utility crew will be fixing this soon.
- **k. Northfield Falls Recreation Park Trees. (7:55 p.m.)** Board member Shernock said some new trees have been planted in this park. She feels it would be a good idea to surround them with some fencing to prevent deer damage.
- Cheney Field Potential Parking Area. (8:00 p.m.) Board member Shernock said she brought together some members of the Northfield Conservation Commission (NCC) and the Accessibility, Walkability, and Pedestrian Safety Task Force in order to see if some compromise could be reached regarding the possibility of establishing permanent parking spaces on Cheney Field after the water tank project has been completed.
- m. Vermont Youth Conservation Corps (VYCC). (8:01 p.m.) Chair Morse reported that VYCC members are now in town performing trail restoration work on Garvey Hill and in the Town Forest. ARPA funds are paying for part of this project.
- n. Northfield Municipal Pool Appreciation. (8:02 p.m.) Chair Morse spoke to a Northfield Farmers Market customer from Montpelier earlier today. He had visited our municipal pool for the first time today and had been very impressed with the facility.

### IX. TOWN MANAGER'S REPORT (cont.)

a. Vermont Route 12 Problem Tree. (8:04 p.m.) Manager Schulz said VTrans will not get involved with the proposed removal of a large tree that starts on one side of the state highway and then reaches out to impact NED power lines on the other side. Utility Superintendent James Russo has obtained a \$3,900 quote from Snapping Turtle to take the tree down and Manager Schulz will contact the property owner to see if the cost could be evenly split. The property owner requested that the tree be removed and even though everyone involved believes this is the correct course of action in this instance, Manager Schulz doesn't want to create a precedent given the high cost of tree removal.

### X. PUBLIC PARTICIPATION (UNSCHEDULED)

- Rebecca Trower: Municipal Harassment Allegation. (8:05 p.m.) Ms. Trower said she is now being harassed by the municipality (and specifically by Manager Schulz) regarding issues related to her property at 331 Central Street. For example, she received a letter from Manager Schulz last fall requesting the wooden pallets stored at the corner of her property at the intersection of Central Street and Washington Street be relocated elsewhere as they were creating a visibility hazard for drivers pulling out from Washington Street. Ms. Trower felt she was being singled out in this instance because other properties in the area had similar issues. She asked Manager Schulz to provide her with the state statute that governed this matter but believes it was never sent to her. More recently (06/24/25), Ms. Trower was sent a letter from Zoning Administrator Mitch Osiecki in which he stated he had been contacted by her neighbors complaining that the large deposits of garbage on her property were attracting rats. Ms. Trower said Mr. Osiecki claimed to have photographic evidence provided by Washington Street resident John Knox of the alleged vermin but she has never been provided with any photos that clearly show evidence of rat infestation. Ms. Trower now would like a public apology from the municipality given the harassment she has suffered from municipal officials. She feels she has been slandered and has been subject to character defamation. Ms. Trower believes that the municipality has been sued in the past for similar actions against community members. Elroy Hill said he was one of the residents who complained about the driving hazard created by the aforementioned wooden pallets. He felt their proximity to the corner created an unsafe situation. Chair Morse confirmed Manager Schulz sent the letter about the pallets only after receiving many similar complaints from community members.
- b. Lynn Doney: Problem Potholes, etc. (8:15 p.m.) Mr. Doney first provided the Select Board members with a copy of his response to a "Notice to Cease and Desist" letter that NPD Chief Pierre Gomez sent him a few months ago (04/10/25). Mr. Doney said they could review the document at their own leisure. He then complained about a number of potholes including a really bad one located near the Norwich University campus and another near the intersection of Water Street and Union Street. Manager Schulz said there are plans to repave North Main Street later this summer and this should resolve some of the worst pothole problems. He also will have Highway Foreman Karl Bailey investigate the other problem areas. Mr. Doney then noted that persons unknown have been dropping garbage off the side of Vermont Route 12 near its intersection with Fairground Road. Fortunately, VTrans recently installed additional guardrails at the side of the highway to prevent further deposits.
- c. Lynn Doney: Storage of a Private Vehicle on Municipal Property. (8:17 p.m.) Mr. Doney said that a private vehicle has been stored in a municipal building (Police Station Garage) for several weeks and he did not feel this was appropriate. NPD Chief Gomez said that he does store his personal vehicle in the Police Station Garage during the week when he is driving an NPD patrol vehicle. He uses his own vehicle on weekends and other times when he is not working. Chief Gomez said he has been doing this for over a year without any complaints. If there is a problem with this, he will store his vehicle elsewhere. Chief Gomez added that if Mr. Doney really has had a problem with this, he could have informed him about this at any time. There was no need to bring this up at a public meeting.
- d. Elroy Hill: Select Board Appreciation. (8:20 p.m.) Mr. Hill thanked the Select Board members for performing due diligence when putting the FY 2025-2026 municipal budget together. He felt they did their very best to help out Northfield taxpayers by keeping this year's tax rate increase as low as possible.
- **XI. ADJOURNMENT.** Motion by Board member Stevens, seconded by Board member Maxwell, to adjourn. **Motion passed 4-0-0.**

The Board adjourned at 8:21 p.m.

Respectfully submitted,

Kenneth L. McCann

Kenneth L. McCann, Acting Clerk

A video recording of this meeting is available at: <a href="https://youtu.be/LRM-wV0HIRA">https://youtu.be/LRM-wV0HIRA</a>
These minutes are subject to approval at the next Select Board regular meeting.

# TOWN OF NORTHFIELD, VERMONT SELECT BOARD SPECIAL MEETING Minutes of July 11, 2025

I. ROLL CALL. Chair Charles Morse, Board members K. David Maxwell, Lydia Petty, Merry Shernock, and John Stevens. Also present were Town Attorney Michael J. Leddy and Zoning Administrator Mitch Osiecki.

Chair Morse called the meeting to order at 1:04 p.m.

- II. PUBLIC PARTICIPATION (SCHEDULED): None.
- III. EXECUTIVE SESSION. Motion by Board member Shernock, seconded by Board member Stevens, to go into executive session, in accordance with 1 VSA 313 (a)(1)], in order to discuss a personnel matter with Town Attorney Michael J. Leddy present for some but not all of the discussion. Motion passed 5-0-0.

The Board went into executive session at 1:05 p.m.

Town Attorney Michael J. Leddy left the executive session at 2:45 p.m.

Zoning Administrator Mitch Osiecki entered the executive session at 3:00 p.m.

Zoning Administrator Mitch Osiecki left the executive session at 3:20 p.m.

Motion by Board member Shernock, seconded by Board member Stevens, to come out of executive session. **Motion passed 5-0-0.** 

The Board came out of executive session at 4:15 p.m. No action was taken.

- IV. PUBLIC PARTICIPATION (UNSCHEDULED). There was none.
- V. ADJOURNMENT. Motion by Board member Shernock, seconded by Board member Maxwell, to adjourn. Motion passed 5-0-0.

The Board adjourned at 4:16 p.m.

Respectfully submitted,

Charles L. Morse

Charles L. Morse, Acting Clerk

These minutes are subject to approval at the next Select Board regular meeting.

# TOWN OF NORTHFIELD, VERMONT SELECT BOARD SPECIAL MEETING Minutes of July 15, 2025

I. ROLL CALL. Chair Charles Morse, Board members K. David Maxwell (absent), Lydia Petty, Merry Shernock, and John Stevens. Also present were Sara Helfant (Northfield Police Department) and Deb Batista (New England Police Benevolent Association (NEPBA).

Chair Morse called the meeting to order at 5:00 p.m.

II. PUBLIC PARTICIPATION (SCHEDULED): None.

## III. DISCUSSION

- **a. Grievance Hearing.** Chair Morse welcomed those present and said this grievance hearing was a first for some of them. He then confirmed that all parties had been provided the same information and Town Manager Jeff Schulz had provided Ms. Batista with the data she requested on Police Department hours.
- IV. **EXECUTIVE SESSION.** Motion by Board member Shernock, seconded by Board member Stevens, to go into executive session, in accordance with 1 VSA 313 (a)(1)], in order to discuss a personnel matter with Sara Helfant and Deb Batista present. **Motion passed 4-0-0.**

The Board went into executive session at 5:04 p.m.

Motion by Board member Stevens, seconded by Board member Shernock, to come out of executive session. **Motion passed 4-0-0.** 

The Board came out of executive session at 5:45 p.m.

- V. PUBLIC PARTICIPATION (UNSCHEDULED). There was none.
- **VI. ADJOURNMENT.** Motion by Board member Stevens, seconded by Board member Shernock, to adjourn. **Motion passed 4-0-0.**

The Board adjourned at 5:45 p.m.

Respectfully submitted,

Charles L. Morse

Charles L. Morse, Acting Clerk

These minutes are subject to approval at the next Select Board regular meeting.

#### TOWN OF NORTHFIELD

THE UNDERSIGNED HEREBY AUTHORIZE THE EXPENDITURES LISTED HEREIN, ACCORDING TO THE LAWS OF THE STATE OF VERMONT.

DISBURSEMENT DATE: 07/25/25 WARRANT 02-26 Revised NORTHFIELD TOWN SELECT BOARD K. DAVID MAXWELL CHARLIE MORSE, Chair LYDIA PETTY MERRY SHERNOCK, Vice Chair JOHN B. STEVENS JEFFREY SCHULZ Manager TOWN GENERAL 70,591.12 **ELECTRIC FUND** 166,288.11 MUNICIPAL PLANNING GRANT WATER FUND 366,762.53 FLOOD BUYOUT GRANT **SEWER FUND** 23,802.45 COMMON FUND COMMUNITY DEVELOPMENT FUND ARPA FUND **TOWN CIP** 18,723.75 AMBULANCE DONATION FUND FIRE DONATION FUND RECREATION COMMITTEE FUND POOL DONATION FUND 250.81 **CONSERVATION FUND** POLICE DONATION FUND **ENERGY COMMITTEE DONATION FUND** AGENCY FUND SUBTOTAL \$89,565.68 **SUBTOTAL** \$556,853.09

\$646,418.77

**GRAND TOTAL** 

lbaroffio

INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2025/12 TO 2026/1 WARRANT CHECK DESCRIPTION ACCOUNT/VENDOR DOCUMENT VOUCHER PO YEAR/PR TYP S \_\_\_\_\_ TOWN GEN - BALANCE SHEET 10000 10000 01120 CURRENT TAX RECEIVABLE 090431 CLARK 86300 0 2026 1 INV A 720.95 02-26 REFUND TAX OVERPAYM INVOICE: FULL DESC: REFUND TAX OVERPAYMENT 86301 2026 1 INV A 848.07 02-26 REFUND TAX OVERPAYM 090432 MAXHAM 0. FULL DESC: REFUND TAX OVERPAYMENT INVOICE: 75.51 02-26 REFUND TAX OVERPAYM 86295 0 2026 1 INV A 091319 GRANT, HEATHER FULL DESC: REFUND TAX OVERPAYMENT INVOICE: REFUND TAX OVERPAYM 091445 PERRY, HAROLD 86296 0 2026 1 INV A 317.71 02-26 FULL DESC: REFUND TAX OVERPAYMENT INVOICE: REFUND TAX OVERPAYM 091546 AMELL, PATRICK 86297 2026 1 INV A 30.88 02-26 INVOICE: FULL DESC: REFUND TAX OVERPAYMENT 091696 CHOUINARD, MARIA 0 2026 1 INV A 293.19 02-26 REFUND TAX OVERPAYM FULL DESC: REFUND TAX OVERPAYMENT INVOICE: 091697 BAIER, ROSE 86298 2026 1 INV A 76.06 02-26 REFUND TAX OVERPAYM FULL DESC: REFUND TAX OVERPAYMENT INVOICE: ACCOUNT TOTAL 2.362.37 10000 01340 UNUSED POSTAGE INVENTORY 07/14/25 POSTAGE 040191 NEOPOST-NEOFUNDS 86288 2026 1 INV A 1,500.00 02-26 INVOICE: FULL DESC: 07/14/25 POSTAGE ACCOUNT TOTAL 1,500.00 ORG 10000 TOTAL 3,862.37 10130 TOWN MANAGER OFFICE SUPPLIES 10130 07050 033040 JET SERVICE 86279 2026 1 INV A 52.85 02-26 25,000 WINDOW ENVEL 0 FULL DESC: 25,000 WINDOW ENVELOPES INVOICE: 95119 52.85 ACCOUNT TOTAL 10130 07070 DUES/MEETINGS/SUBSCRIPTIONS 023160 DEPOT SQUARE PIZZA 86178 2025 12 INV A 214.60 02-26 6/10 PIZZA-LB RETIR FULL DESC: 6/10 PIZZA-LB RETIREMENT INVOICE: 209.75 02-26 5-22 PIZZA-OGRADY R 023160 DEPOT SQUARE PIZZA 86179 0 2025 12 INV A INVOICE: FULL DESC: 5-22 PIZZA-OGRADY RETIREMENT 424.35 ACCOUNT TOTAL 424.35

ORG 10130 TOTAL

477.20

INVOICE LIST BY GL ACCOUNT lbaroffio

P 2 apinvgla

YEAR/PERIOD: 2025/12 TO ACCOUNT/VENDOR	DOCUMENT	VOUCHE	R PO YEAR/PR TYP S	WARRANT	CHECK	DESCRIPTION
10140		TOWN CLI	erk/treasurer			
10140 07050			OFFICE SUPPLIES			
033040 JET SERVICE	86279		0 2026 1 INV A	70.16 02-26		25,000 WINDOW ENVE
INVOICE: 95119		FULL DESC:	25,000 WINDOW ENVELOPES			
			ACCOUNT TOTAL	70.16		
			ORG 10140 TOTAL	70.16		
10230		ACCOUNTI	ING			
10230 06010			PROFESSIONAL SERVICES			
013521 LAURIE A BAROFFIO INVOICE: 101	86171	FULL DESC:	0 2025 12 INV A ACCTING/CONSULTING 06/30	1,260.00 02-26		ACCTING/CONSULTING
013521 LAURIE A BAROFFIO	86263		0 2026 1 INV A	3,960.00 02-26		ACCTING/CONSULTING
INVOICE:		FULL DESC:	ACCTING/CONSULTING 07/1-07/11			
				5,220.00		
			ACCOUNT TOTAL	5,220.00		
10230 07050			OFFICE SUPPLIES			
033040 JET SERVICE	86279		0 2026 1 INV A	116.92 02-26		25,000 WINDOW ENVEL
INVOICE: 95119		FULL DESC:	25,000 WINDOW ENVELOPES			
			ACCOUNT TOTAL	116.92		
			ORG 10230 TOTAL	5,336.92		
10260		LISTERS				
10260 07050			OFFICE SUPPLIES			
033040 JET SERVICE	86279		0 2026 1 INV A	23.38 02~26		25,000 WINDOW ENVEL
INVOICE: 95119		FULL DESC:	25,000 WINDOW ENVELOPES			
			ACCOUNT TOTAL	23.38		
			ORG 10260 TOTAL	23.38		
10320		FIRE DEP	ARTMENT			
10320 06540			DISPATCHING			
016528 CAPITAL FIRE	86177		0 2025 12 INV A	4,857.93 02-26		APR-JUN25 DISPATCH-
INVOICE: 941		FULL DESC:	APR-JUN25 DISPATCH-AMB/FIRE			
			ACCOUNT TOTAL	4,857.93		
10320 08160			VEHICLE MAINTENANCE			
040720 NORTH MAIN SERVICE	86242		0 2025 12 INV A	524.85 02-26		3 BATTERIES - E1
INVOICE: 16475		FULL DESC:	3 BATTERIES - E1			
			ACCOUNT TOTAL	524.85		
10320 08380			BUILDING MAINT/SUPPLIES			

TOWN OF NORTHFIELD

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INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2025/12 TO 2026/1 WARRANT CHECK DESCRIPTION ACCOUNT/VENDOR DOCUMENT VOUCHER PO YEAR/PR TYP S \_\_\_\_\_\_ 059560 VERMONT DOOR COMPANY 86259 0 2025 12 INV A 130.00 02-26 FIX REMOTE FOR DOOR INVOICE: 38393 FULL DESC: FIX REMOTE FOR DOORS ACCOUNT TOTAL 130.00 ORG 10320 TOTAL 5,512.78 POLICE DEPARTMENT 10330 VEHICLE MAINTENANCE 10330 08160 037470 MCGEE FORD 86233 0 2025 12 INV A 67.63 02-26 CHIEFS CRUISER-LINK INVOICE: 5021519 FULL DESC: CHIEFS CRUISER-LINK 0 2025 12 INV A 329.98 02-26 22 FORD BRAKE ROTOR 046265 O'REILLY AUTO PARTS 86243 INVOICE: FULL DESC: 22 FORD BRAKE ROTORS/PADS 046730 PARSONS ENVIROMENT 86257 0 2025 12 INV A 2.26 02-26 22 FORD EXPLORER-IN INVOICE: 111487 FULL DESC: 22 FORD EXPLORER-INSPECT 6/17 ACCOUNT TOTAL 399.87 UNIFORMS 10330 08350 0 2026 1 INV A 49.88 02-26 GOSSELIN SGT STRIPE 021686 COMMERCIAL CARD PD 86285 FULL DESC: GOSSELIN SGT STRIPES INVOICE: ACCOUNT TOTAL 49.88 BUILDING MAINT/SUPPLIES 10330 08380 8.52 02-26 WET FLOOR SIGN 035892 MAGEE OFFICE PLUS 86280 0 2026 1 INV A INVOICE: 658170 FULL DESC: WET FLOOR SIGN ACCOUNT TOTAL 8.52 ORG 10330 TOTAL 458.27 AMBULANCE DEPARTMENT 10340 06540 10340 DISPATCHING 0 2025 12 INV A 016528 CAPITAL FIRE 9,863.07 02-26 APR-JUN25 DISPATCH-86177 INVOICE: 941 FULL DESC: APR-JUN25 DISPATCH-AMB/FIRE ACCOUNT TOTAL 9,863.07 10340 06560 PARAMEDIC INTERCEPT 86172 0 2025 12 INV A 1,500.00 02-26 5 INTERCEPTS JAN-MA 013690 BARRE TOWN OF FULL DESC: 5 INTERCEPTS JAN-MAR INVOICE: 23118 1,500.00 ACCOUNT TOTAL AMBULANCE BILLING SERVICES 10340 06651 037945 MBS 86223 2025 12 INV A 2,942.92 02-26 JUN25 AMB BILLING S FULL DESC: JUN25 AMB BILLING SERVICES INVOICE: 3455 ACCOUNT TOTAL 2,942.92

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YEAR/PERIOD: 2025/12 TO 2026/1

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YEAR/PERIOD: 2025/12 TO : ACCOUNT/VENDOR	2026/1 DOCUMENT	VOUCHE	R PO YEAR/PR TYP S	WARRANT	CHECK DESCRIPTION
10340 07160			RENT		
042896 NFLD TOWN GEN FUND	86302		0 2026 1 INV A	860.00 02-26	JUL 25 INTERCOMPANY
INVOICE:		FULL DESC:	JUL 25 INTERCOMPANY CHARGES		
			ACCOUNT TOTAL	860.00	
10340 07290			COLLECTION EXPENSE		
010301 RCMC	86245		0 2025 12 INV A	278.75 02-26	JUN 25 COLLECTION E
INVOICE:		FULL DESC:	JUN 25 COLLECTION EXP		
			ACCOUNT TOTAL	278.75	
10340 08150			MEDICAL SUPPLIES		
010461 HAUN WELDING SUPPLIY	86278		0 2026 1 INV A	116.68 02-26	7/2 OXYGEN
INVOICE: 518845		FULL DESC:	7/2 OXYGEN		
014864 BOUND TREE INVOICE: 85822775	86174	EUL DECC.	0 2025 12 INV A	1,822.90 02-26	ZOLL PADZ, BLADES, ST
014864 BOUND TREE	86175	FORT DESC:	ZOLL PADZ, BLADES, STYLET  0 2025 12 INV A	419.31 02-26	COLLARS, GLOVES
INVOICE: 85808060	00173	FULL DESC:	COLLARS, GLOVES	113.31 01 20	collinato, diovid
			* * * * *		
				2,242.21	
			ACCOUNT TOTAL	2,358.89	
			ACCOUNT TOTAL	2,330.03	
10340 08300			DEPARTMENT SUPPLIES		
030620 G.W. LOCKSMITH	86193		0 2025 12 INV A	106.25 02-26	RECODED LOCKS
INVOICE: 13261		FULL DESC:	RECODED LOCKS		
033557 KENYON'S TRUE VALUE	86207		0 2025 12 INV A	3.49 02-26	KEY
INVOICE:		FULL DESC:			
033557 KENYON'S TRUE VALUE	86215		0 2025 12 INV A	9.99 02-26	CHAINSAW FILE
INVOICE:		FULL DESC:	CHAINSAW FILE		
033557 KENYON'S TRUE VALUE	86230		0 2025 12 INV A	32.97 02-26	ANIMAL RESCUE SUPPL
INVOICE:		FULL DESC:	ANIMAL RESCUE SUPPLIES		
				46.45	
052611 SANEL NAPA	86248		0 2025 12 INV A	10.99 02-26	BRUSH HEAD
INVOICE: 531281		FULL DESC:	BRUSH HEAD		
			ACCOUNT TOTAL	163.69	
			ORG 10340 TOTAL	17,967.32	
10420		UTCLEARY	DEDT		
10420 08160		HIGHWAY	VEHICLE/EQUIPMENT MAINTER	VANCE	
033557 KENYON'S TRUE VALUE	86197		0 2025 12 INV A	5.99 02-26	STRING TRIMMER SLEE
INVOICE:		FULL DESC:	STRING TRIMMER SLEEVE		
033557 KENYON'S TRUE VALUE	86213		0 2025 12 INV A	33.99 02-26	TRIMMER CLUTCH
INVOICE:		FULL DESC:	TRIMMER CLUTCH		

INVOICE:

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INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2025/12 TO 2026/1 DOCUMENT VOUCHER PO YEAR/PR TYP S WARRANT CHECK DESCRIPTION ACCOUNT/VENDOR \_\_\_\_\_ CHLORIDE TANK-PIPE 21.99 02-26 033557 KENYON'S TRUE VALUE 86225 n 2025 12 INV A FULL DESC: CHLORIDE TANK-PIPE INVOICE: \_\_\_\_\_ 61.97 ACCOUNT TOTAL 61.97 10420 08300 DEPARTMENT SUPPLIES 0 2026 1 INV A JUL 25 IMAGE TRANSF 021684 BUSINESS CREDIT CARD 86284 FULL DESC: JUL 25 IMAGE TRANSFER FEE INVOICE: 2025 12 INV A GRASS SEED 033557 KENYON'S TRUE VALUE 86199 279.98 02-26 0 FULL DESC: GRASS SEED INVOICE: 033557 KENYON'S TRUE VALUE 86206 0 2025 12 INV A 16.99 02-26 CUT BLADE FULL DESC: CUT BLADE INVOICE: \_\_\_\_\_\_ 296.97 0 2025 12 INV A 06/26 UNIFORMS/TOWE 056775 UNIFIRST CORP. 86305 16.59 02-26 INVOICE: 1070430706 FULL DESC: 06/26 UNIFORMS/TOWELS-HWY 0 2025 12 INV A 16.59 02-26 06/19 UNIFORMS/TOWE 056775 UNIFIRST CORP. 86306 INVOICE: 1070429101 FULL DESC: 06/19 UNIFORMS/TOWELS-HWY 0 2025 12 INV A 16.59 02-26 06/12 UNIFORMS/TOWE 056775 UNIFIRST CORP. 86307 FULL DESC: 06/12 UNIFORMS/TOWELS-HWY INVOICE: 1070427388 06/05 UNIFORMS/TOWE 056775 UNIFIRST CORP. 0 2025 12 INV A 16.59 02-26 86308 FULL DESC: 06/05 UNIFORMS/TOWELS-HWY INVOICE: 1070425742 66.36 ACCOUNT TOTAL 483 27 10420 08350 UNIFORMS 056775 UNIFIRST CORP. 86305 2025 12 INV A 88.60 02-26 06/26 UNIFORMS/TOWE INVOICE: 1070430706 FULL DESC: 06/26 UNIFORMS/TOWELS-HWY 86306 0 2025 12 INV A 89.25 02-26 06/19 UNIFORMS/TOWE 056775 UNIFIRST CORP. INVOICE: 1070429101 FULL DESC: 06/19 UNIFORMS/TOWELS-HWY 86307 06/12 UNIFORMS/TOWE 056775 UNIFIRST CORP. 0 2025 12 INV A 85.15 02-26 INVOICE: 1070427388 FULL DESC: 06/12 UNIFORMS/TOWELS-HWY 056775 UNIFIRST CORP. 86308 0 2025 12 INV A 98.90 02-26 06/05 UNIFORMS/TOWE INVOICE: 1070425742 FULL DESC: 06/05 UNIFORMS/TOWELS-HWY \_\_\_\_\_ 361.90 ACCOUNT TOTAL 361.90 907.14 ORG 10420 TOTAL 10445 LIBRARY/HISTORICAL SOCIETY BLD 07010 TELEPHONE 042768 TDS TELECOM 86253 0 2025 12 INV A 126.40 02-26 7/4LIBRARY 80248546

FULL DESC: 7/4LIBRARY 8024854621

INVOICE LIST BY GL ACCOUNT lbaroffio

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YEAR/PERIOD: 2025/12 TO 2 ACCOUNT/VENDOR	026/1 DOCUMENT	VOUCHER	PO	YEAR/PR	TYP S		WARRANT	CHECK	DESCRIPTION
				ACCOUNT TO	OTAL	126.40			
10445 08380 028560 GILLESPIE FUELS INVOICE: 191206	86192	FULL DESC:	0	JILDING MAIN 2025 12 X ZONE VALV	INV A	484.14	02-26		5/28 FIX ZONE VALVE
				ACCOUNT TO	DTAL	484.14			
			ORG	10445 TO	DTAL	610.54			
10510		HUMAN SEI							
10510 06250 015248 BROWN PUBLIC LIBRARY INVOICE:	86264	FULL DESC:	0	2026 1 ALLOCATION		9,334.00	02-26		AUG 25 ALLOCATION
				ACCOUNT TO	TAL	9,334.00			
			ORG	10510 TO	TAL	9,334.00			
10520 10520 08350		GROUNDS/I		CILITIES					
056775 UNIFIRST CORP. INVOICE: 1070430706	86305	FULL DESC:	0 06/26 U	2025 12 NIFORMS/TOW		7.12	02-26		06/26 UNIFORMS/TOWE
056775 UNIFIRST CORP. INVOICE: 1070429101	86306	FULL DESC:	0 06/19 U	2025 12 NIFORMS/TOW		7.12	02-26		06/19 UNIFORMS/TOWE
056775 UNIFIRST CORP. INVOICE: 1070427388	86307	FULL DESC:	0 06/12 U	2025 12 NIFORMS/TOW		6.81	02-26		06/12 UNIFORMS/TOWE
056775 UNIFIRST CORP. INVOICE: 1070425742	86308	FULL DESC:	0	2025 12	INV A	20.56	02-26		06/05 UNIFORMS/TOWE
			,	,		41.61			
				ACCOUNT TO	TAL	41.61			
10520 08450 033557 KENYON'S TRUE VALUE INVOICE:		FULL DESC:	0	ALL TOOLS 2025 12 SS TRIMMER	INV A	609.98	02-26		NEW GRASS TRIMMER
				ACCOUNT TO	TAL	609.98			
10520 08570			FA	CILITY SUPE	LIES/MAINTENAM	NCE			
033557 KENYON'S TRUE VALUE INVOICE:		FULL DESC:	0 FLAGPOL	2025 12 E-CONCRETE	INV A	56.52	02-26		FLAGPOLE-CONCRETE
033557 KENYON'S TRUE VALUE INVOICE:		FULL DESC:	0 PAINT/S	2025 12 IGNS/BRUSHE		86.67	02-26		PAINT/SIGNS/BRUSHES
033557 KENYON'S TRUE VALUE INVOICE:		FULL DESC:	0	2025 12		39.98	02-26		GARBAGE BAGS
INVOICE:  033557 KENYON'S TRUE VALUE INVOICE:		FULL DESC:	0	2025 12		-39.98	02-26		GARBAGE BAGS RETURN
21170202.		TOUR DESC:	OANDAGE	DAGS REIUR					

143.19

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INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2025/12 TO 2026/1 WARRANT CHECK DESCRIPTION ACCOUNT/VENDOR DOCUMENT VOUCHER PO YEAR/PR TYP S ACCOUNT TOTAL 143.19 GARDEN SUPPLIES 10520 08575 10 BAGS MULCH 69.90 02-26 033557 KENYON'S TRUE VALUE 86208 0 2025 12 INV A FULL DESC: 10 BAGS MULCH INVOICE: 13.98 02-26 2 BAGS MULCH 033557 KENYON'S TRUE VALUE 86220 0 2025 12 INV A FULL DESC: 2 BAGS MULCH INVOICE: 033557 KENYON'S TRUE VALUE 86222 0 2025 12 INV A 13.98 02-26 2 BAGS MULCH INVOICE: FULL DESC: 2 BAGS MULCH 34.95 02-26 5 BAGS MULCH 033557 KENYON'S TRUE VALUE 86226 0 2025 12 INV A FULL DESC: 5 BAGS MULCH INVOICE: 5 BAGS MULCH 06/21 033557 KENYON'S TRUE VALUE 86227 0 2025 12 INV A 34.95 02-26 FULL DESC: 5 BAGS MULCH 06/21 INVOICE: 033557 KENYON'S TRUE VALUE 86228 2025 12 INV A 34.95 02-26 5 BAGS MULCH 06/24 0 FULL DESC: 5 BAGS MULCH 06/24 TNVOTCE ------202.71 ACCOUNT TOTAL 202.71 ORG 10520 TOTAL 997.49 10550 POOL CHEMICALS 10550 08100 1,930.00 02-26 300G CHLORINE/4 STA 011024 ALLEN ENGIN 86170 2025 12 INV A INVOICE: FULL DESC: 300G CHLORINE/4 STABILIZ 6/20 ACCOUNT TOTAL 1,930.00 FACILITY SUPPLIES/MAINTENANCE 10550 08570 2025 12 INV A ROD/HARDWARE-POOL P 033557 KENYON'S TRUE VALUE 86198 25.38 02-26 FULL DESC: ROD/HARDWARE-POOL PUMP 033557 KENYON'S TRUE VALUE 86209 0 2025 12 INV A 40.40 02-26 HARDWARE-MOTOR INVOICE: FULL DESC: HARDWARE-MOTOR BUG/WEED SPRAY, BAGS 033557 KENYON'S TRUE VALUE 86210 0 2025 12 INV A 120.93 02-26 FULL DESC: BUG/WEED SPRAY, BAGS, TAPE, SIGN INVOICE: 0 2025 12 INV A 13.99 02-26 BATTERY 033557 KENYON'S TRUE VALUE 86211 FULL DESC: BATTERY INVOICE: TRASH BAGS/BLEACH/G O 2025 12 INV A 47.96 02-26 033557 KENYON'S TRUE VALUE 86214 FULL DESC: TRASH BAGS/BLEACH/GRABBER INVOICE: 033557 KENYON'S TRUE VALUE 86216 0 2025 12 INV A 25.98 02-26 WASP SPRAY FULL DESC: WASP SPRAY 0 2025 12 INV A 52.99 02-26 CHLORINE TABLETS 033557 KENYON'S TRUE VALUE 86217 INVOICE: FULL DESC: CHLORINE TABLETS 327.63 ACCOUNT TOTAL 327.63

ORG 10550

TOTAL

2.257.63

TOWN OF NORTHFIELD

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lbaroffio INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2025/12	? TO 2026/1							
ACCOUNT/VENDOR	DOCUMENT	VOUCHER PO	YEAR/PR	TYP S	WARRANT	CHECK	DESCRIPTION	

10610		MANAGEMI	ENT SUPPORT		
10610 06010			PROFESSIONAL SERVICES		
049389 QUEEN CITY P.I., LLC	C 86244		0 2025 12 INV A	11,889.80 02-26	5/29-06/30 PI SERVI
INVOICE: 2119			5/29-06/30 PI SERVICES		.,
			ACCOUNT TOTAL	11,889.80	
10610 06020			LEGAL SERVICES		
037840 MCNEILL	86234		0 2025 12 INV A	314.50 02-26	JUN 25 ZONING
INVOICE: 13896		FULL DESC:	JUN 25 ZONING		
037840 MCNEILL	86235		0 2025 12 INV A	592.00 02-26	JUN25 PERSONNEL
INVOICE: 13894		FULL DESC:	JUN25 PERSONNEL		
037840 MCNEILL	86236		0 2025 12 INV A	555.00 02-26	JUN25 PERSONNEL-POL
INVOICE: 13895		FULL DESC:	JUN25 PERSONNEL-POLICE UNION	4	
037840 MCNEILL	86237		0 2025 12 INV A	703.00 02-26	JUN25 NORWICH COMMO
INVOICE: 13893		FULL DESC:	JUN25 NORWICH COMMONS		
037840 MCNEILL	86238		0 2025 12 INV A	5,000.55 02-26	JUN25 MUN CONDEMNAT
INVOICE: 13892		FULL DESC:	JUN25 MUN CONDEMNATION		
037840 MCNEILL	86239		0 2025 12 INV A	2,664.00 02-26	JUN25 MISC LEGAL
INVOICE: 13891		FULL DESC:	JUN25 MISC LEGAL		
037840 MCNEILL	86240		0 2025 12 INV A	203.50 02-26	JUN25 AMB UNION
INVOICE: 13890		FULL DESC:	JUN25 AMB UNION		
				10,032.55	
			ACCOUNT TOTAL	10,032.55	
10610 06220			MAINTENANCE CONTRACTS		
021684 BUSINESS CREDIT CARI	86282		0 2026 1 INV A	6.48 02-26	JUL 25 WEBHOSTING
INVOICE:		FULL DESC:	JUL 25 WEBHOSTING		
054400 SYMQUEST GROUP INC.	86249		0 2025 12 INV A	131.00 02-26	MAY BACKUP CONTRACT
INVOICE: 2012805		FULL DESC:	MAY BACKUP CONTRACT		
054400 SYMQUEST GROUP INC.	86250		0 2025 12 INV A	171.00 02-26	MAY MEDR CONTRACT
INVOICE: 2012236		FULL DESC:	MAY MEDR CONTRACT		
054400 SYMQUEST GROUP INC.	86251		0 2025 12 INV A	333.00 02-26	MAY M365 OFFICE CON
INVOICE: 2011946		FULL DESC:	MAY M365 OFFICE CONTRACT		
054400 SYMQUEST GROUP INC.	86252		0 2025 12 INV A	114.00 02-26	MAY DUO MFA CONTRAC
INVOICE: 2012483		FULL DESC:	MAY DUO MFA CONTRACT		
054400 SYMQUEST GROUP INC.	86291		0 2026 1 INV A	789.63 02-26	JUL SAFETY NET CONT
INVOICE: 2012272		FULL DESC:	JUL SAFETY NET CONTRACT		
054400 SYMQUEST GROUP INC.	86292		0 2026 1 INV A	162.50 02-26	JUL DEFENDER CONTRA
INVOICE: 2012032		FULL DESC:	JUL DEFENDER CONTRACT		
				1,701.13	
				1,,01.13	
			ACCOUNT TOTAL	1,707.61	
10610 06380			HEALTH ADMIN/FEES		
039617 MVP-HRA	86241		0 2025 12 INV A	45.96 02-26	JUN25 HRA ADMIN FEE
INVOICE:		FULL DESC:	JUN25 HRA ADMIN FEE		

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YEAR/PERIOD: 2025/12 TO 2026/1

ACCOUNT/VENDOR DOCUMENT VOUCHER PO YEAR/PR TYP S WARRANT CHECK DESCRIPTION

ACCOUNT TOTAL

ORG 10610 TOTAL

23,675.92

45.96

ECONOMIC DEVELOPMENT 10645

DUES/MEETINGS/SUBSCRIPTIONS 10645 07070

20.00 02-26 JUL 25 CHATPT 0 2026 1 INV A 021684 BUSINESS CREDIT CARD 86283

INVOICE: FULL DESC: JUL 25 CHATPT

> ACCOUNT TOTAL 20.00

ORG 10645 TOTAL 20.00

FUND 010 TOWN GENERAL FUND TOTAL: 71,511.12 

36042 09188

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YEAR/PERIOD: 202	25/12 TO 2026/1					
ACCOUNT/VENDOR	DOCUMENT	VOUCHER PO	YEAR/PR TYP S	WARRANT	CHECK	DESCRIPTION

ACCOUNT/VENDOR	DOCUMENT	VOUCHE	R PO	YEAR/PR TYP S		WARRANT	CHECK	DESCRIPTION
36012		CIP - SI	ELECTBOAR					
36012 09557			RI	FRWALK TRAIL DESIGN-AR	PA			
014875 BOWMAN	86176		0	2025 12 INV A	812.40	02-26		JUNE BOUNDARY LINE
INVOICE: 502322		FULL DESC:	JUNE BO	JNDARY LINE ADJUSTMENT				
				ACCOUNT TOTAL	812.40			
36012 095601			co	MUNITY GARDEN-SPARK GR	ANT			
033557 KENYON'S TRUE VALUE	86202		0	2025 12 INV A	9.99	02-26		MARKING SPRAY
INVOICE:		FULL DESC:	MARKING	SPRAY				
057200 USA BLUE BOOK	86255		0	2025 12 INV A	170.80	02-26		WTR SERVICE LINE-MT
INVOICE:		FULL DESC:	WTR SER	VICE LINE-MTR/VALVE BOX				
				ACCOUNT TOTAL	180.79			
			ORG :	6012 TOTAL	993.19			
36014		CIP - TO	WN CLERK					
36014 09320			RE	CORDS RESTORATION				
021446 VALSOFT	86265		0	2026 1 INV A	160.00	02-26		JUL 25 RECORDSROOM
INVOICE:		FULL DESC:	JUL 25 1	ECORDSROOM				
				ACCOUNT TOTAL	160.00			
			ORG :	6014 TOTAL	160.00			
36032		CIP - FI	RE DEPT					
36032 09870			FII	E-AIR PACS				
051216 REYNOLDS & SONS	86246		0	2025 12 INV A	429.76	02-26		MSAF-FACEPIECE
INVOICE: 3455091		FULL DESC:	MSAF-FA	EPIECE				
				ACCOUNT TOTAL	429.76			
			ORG 3	6032 TOTAL	429.76			
36042		CIP - TO	WN HIGHWA	Y				
36042 09187			SII	EWALK-VINE ST				
025240 DUFRESNE GROUP	86189		0	2025 12 INV A	4,713.95	02-26		JUN25 VINE ST CONST
INVOICE: 19876		FULL DESC:		NE ST CONST SPECIAL				
025240 DUFRESNE GROUP INVOICE: 19945	86190	EIIII DRGG.	0	2025 12 INV A	5,916.00	02-26		JUN25 VINE ST CONST
INVOICE: 19945		FULL DESC:	JUN25 V	NE ST CONST BASIC				
					10,629.95			
033557 KENYON'S TRUE VALUE	86201		0	2025 12 INV A	34.95	02-26		5 BAGS CONCRETE-CAT
INVOICE:		FULL DESC:	5 BAGS (	ONCRETE-CATCH BASINS				
				ACCOUNT TOTAL	10,664.90			

CROSSWALK IN FALLS-STATE GRANT

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INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2025/12 TO 2 ACCOUNT/VENDOR	026/1 DOCUMENT	VOUCHER	PO	YEAR/PR	TYP S			WARRANT	CHECK	DESCRIPTION
033557 KENYON'S TRUE VALUE		L DESC:	0 HARDWAR	2025 1: E-CROSSWAI	2 INV A LK FALLS		14.90	02-26		HARDWARE-CROSSWALK
				ACCOUNT '	TOTAL		14.90			
36042 09996			FEI	MA JUL 23	FLOOD					
025240 DUFRESNE GROUP	86180		0	2025 1	2 INV A	1,	700.00	02-26		BARROWS CULVERT-BAS
INVOICE: 19934 025240 DUFRESNE GROUP	86181		0	CULVERT-1	A VMI S	1,	942.25	02-26		BARROWS CULVERT-SPE
INVOICE: 19901	FUL	L DESC:	BARROWS	COHVERT-2	SPECIAL	JUN25				
						3,	642.25			
				ACCOUNT :	FOTAL	3,	642.25			
			ORG :	36042	TOTAL	14,	322.05			
36055		CIP - PO	OL							
36055 095704			POO	OL BATHHOU	JSE					
012436 AES NORTHEAST INVOICE: 168696	86165 FUL	L DESC:	0 APR25 Bi	2025 12 ATHHOUSE 1	2 INV A IMPROVEM	-	750.00	02-26		APR25 BATHHOUSE IMP
	86166		0		2 INV A		068.75	02-26		JUN25 BATHHOUSE IMP
INVOICE: 168794	₽.O.T	L DESC:	JUN25 BA	ATHHOUSE 1	LMPROVEM	TENTS				
						2,	818.75			
				ACCOUNT T	TOTAL	2,	818.75			
			ORG 3	36055 1	FOTAL	2,	818.75			
				=======	===		=====			
	N C.I.P. FUND				COTAL:	•	723.75			
		=======					======	:=====================================		_======================================

INVOICE LIST BY GL ACCOUNT

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ACCOUNT/VENDOR	DOCUMENT	VOUCHER	PO YEAR/PR TYP S	WARRAN	T CHECK	DESCRIPTION
51000		ELECTRIC	- BALANCE SHEET			
51000 14210			CUSTOMER ACCNT RECEIVAB	LE		
010505 RCMC	86154		0 2026 1 INV A	29.13 02-26		REFUND FOR JACOBIK
INVOICE: 86154		FULL DESC:	REFUND FOR JACOBIK			
			ACCOUNT TOTAL	29.13		
51000 23612			SALES TAX PAYABLE			
059376 VT. DEPT OF TAXES	86293		0 2026 1 INV A	2,636.79 02-26		SALES TAX JUN 25
INVOICE:		FULL DESC:	SALES TAX JUN 25			
			ACCOUNT TOTAL	2,636.79		
51000 23615			ENERGY EFF CHARGE PAID			
039875 NECA VEEU	86294		0 2026 1 INV A	22,682.07 02-26		EEC JUN 25
INVOICE:		FULL DESC:	EEC JUN 25			
			ACCOUNT TOTAL	22,682.07		
51000 35510			TRANSMISSION POLES/FIXT	URES		
057755 VANASSE HANGEN BRUST	86260		0 2025 12 INV A	1,890.00 02-26		4/13-5/10 TRANS LIN
INVOICE: 476820		FULL DESC:	4/13-5/10 TRANS LINE-NU SUB			
057755 VANASSE HANGEN BRUST INVOICE: 479108		EIII DECC.	0 2025 12 INV A 5/11-6/7 TRANS LINE-NU SUB	1,264.60 02-26		5/11-6/7 TRANS LINE
057755 VANASSE HANGEN BRUST		FULL DESC:	0 2025 12 INV A	2,048.00 02-26		6/8-7/5 TRANS LINE-
INVOICE: 481183		FULL DESC:	6/8-7/5 TRANS LINE-NU SUB	_,		0,0 ,,0 110110 11111
				5 000 60		
				5,202.60		
			ACCOUNT TOTAL	5,202.60		
51000 36713			U/G PARK AVE 9 -NU CYBE	R BLDG		
030352 GREEN MTN. POWER	86232		0 2025 12 INV A	50,643.52 02-26		CYBER BUILDING AT N
INVOICE: 45888		FULL DESC:	CYBER BUILDING AT NU			
030352 GREEN MTN. POWER INVOICE:	86276	FILL DECC.	0 2026 1 INV A DEPOSIT-500KVA PAD XFMR-NU C	63,922.29 02-26		DEPOSIT-500KVA PAD
1140101.		FOLL DESC.		I DON		
				114,565.81		
			ACCOUNT TOTAL	114,565.81		
51000 36715			II/G N MATH 15-BRIDGE BDI	EPARE		
51000 36715 030352 GREEN MTN. POWER	86277		U/G N MAIN 15-BRIDGE PRI 0 2026 1 INV A			DEPOSIT 75KVA PADMO
		FULL DESC:		8,732.09 02-26		DEPOSIT 75KVA PADMO

ORG 51000 TOTAL 153,848.49

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INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2025/12 TO 2026/1 ACCOUNT/VENDOR DOCUMENT VOUCHER PO YEAR/PR TYP S WARRANT CHECK DESCRIPTION \_\_\_\_\_ ELECTRIC DEPARTMENT 51047 FUEL GROSS RECEIPTS TAX 51047 40815 0 2025 12 INV A 1,514.52 02-26 FUEL TAX JUN 25 059376 VT. DEPT OF TAXES 86258 INVOICE: FULL DESC: FUEL TAX JUN 25 ACCOUNT TOTAL 1,514.52 PLANT-SUPPLIES/SM TOOLS/EQUIP 51047 58110 DRILL COMBO KIT, PL 0 2025 12 INV A 156.99 02-26 033557 KENYON'S TRUE VALUE 86218 FULL DESC: DRILL COMBO KIT, PLIERS BUG SPRAY-METER REA 033557 KENYON'S TRUE VALUE 86224 0 2025 12 INV A 4.47 02-26 FULL DESC: BUG SPRAY-METER READING 161.46 ACCOUNT TOTAL 161.46 TREE TRIMMING/REMOVAL 51047 58212 REMOVE TREE TURKEY 053522 SNAPPING TURTLE 86290 0 2026 1 INV A 3,500.00 02-26 FULL DESC: REMOVE TREE TURKEY HILL RD INVOICE: 1445 ACCOUNT TOTAL 3.500.00 51047 92114 OFFICE SUPPLIES 2026 1 INV A 033040 JET SERVICE 86279 453.21 02-26 25.000 WINDOW ENVEL FULL DESC: 25,000 WINDOW ENVELOPES INVOICE: 95119 056775 UNIFIRST CORP. 86309 O 2025 12 INV A .77 02-26 06/26 UNIFORMS/MAT-FULL DESC: 06/26 UNIFORMS/MAT-EWS INVOICE: 1070430713 0 2025 12 INV A .77 02-26 06/19 UNIFORMS/MAT-056775 UNIFIER CORP. 86310 FULL DESC: 06/19 UNIFORMS/MAT-EWS INVOICE: 1070429109 0 2025 12 INV A 05/29 UNIFORMS/MAT-86311 056775 UNIFIRST CORP. .77 02-26 INVOICE: 1070425754 FULL DESC: 05/29 UNIFORMS/MAT-EWS 06/12 UNIFORMS/MAT-056775 UNIFIRST CORP. 86312 0 2025 12 INV A .77 02-26 FULL DESC: 06/12 UNIFORMS/MAT-EWS INVOICE: 1070427402 -----3.08 456.29 ACCOUNT TOTAL MAINTENANCE CONTRACT COMP 51047 92119 JUL 25 WEBHOSTING 3,24 02-26 2026 1 INV A 021684 BUSINESS CREDIT CARD 86282 0 FULL DESC: JUL 25 WEBHOSTING INVOICE: 2025 12 INV A 65.50 02-26 MAY BACKUP CONTRACT 054400 SYMQUEST GROUP INC. 86249 FULL DESC: MAY BACKUP CONTRACT INVOICE: 2012805 85.50 02-26 MAY MEDR CONTRACT 054400 SYMOUEST GROUP INC. 86250 0 2025 12 INV A FULL DESC: MAY MEDR CONTRACT INVOICE: 2012236 MAY M365 OFFICE CON 2025 12 INV A 166.50 02-26 054400 SYMQUEST GROUP INC. 86251 0 FULL DESC: MAY M365 OFFICE CONTRACT INVOICE: 2011946 MAY DUO MFA CONTRAC 0 2025 12 INV A 57.00 02-26 054400 SYMQUEST GROUP INC. 86252

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YEAR/PERIOD: 2025/12 TO 2026/1 ACCOUNT/VENDOR DOCUMENT VOUCHER PO YEAR/PR TYP S WARRANT CHECK DESCRIPTION FULL DESC: MAY DUO MFA CONTRACT INVOICE: 2012483 054400 SYMQUEST GROUP INC. 86291 0 2026 1 INV A 394.82 02-26 JUL SAFETY NET CONT INVOICE: 2012272 FULL DESC: JUL SAFETY NET CONTRACT 054400 SYMQUEST GROUP INC. 86292 0 2026 1 INV A 81.25 02-26 JUL DEFENDER CONTRA INVOICE: 2012032 FULL DESC: JUL DEFENDER CONTRACT \_\_\_\_\_\_ ACCOUNT TOTAL 853.81 51047 92338 HEALTH ADMIN/FEES 039617 MVP-HRA 86241 0 2025 12 INV A 7.04 02-26 JUN25 HRA ADMIN FEE INVOICE: FULL DESC: JUN25 HRA ADMIN FEE ACCOUNT TOTAL 7.04 51047 92617 UNIFORMS 056775 UNIFIRST CORP. 0 2025 12 INV A 14.29 02-26 06/26 UNIFORMS/MAT-86309 INVOICE: 1070430713 FULL DESC: 06/26 UNIFORMS/MAT-EWS 056775 UNIFIRST CORP. 86310 0 2025 12 INV A 14.46 02-26 06/19 UNIFORMS/MAT-INVOICE: 1070429109 FULL DESC: 06/19 UNIFORMS/MAT-EWS 056775 UNIFIRST CORP. 0 2025 12 INV A 05/29 UNIFORMS/MAT-86311 14.46 02-26 INVOICE: 1070425754 FULL DESC: 05/29 UNIFORMS/MAT-EWS 0 2025 12 INV A 056775 UNIFIRST CORP. 86312 14.29 02-26 06/12 UNIFORMS/MAT-INVOICE: 1070427402 FULL DESC: 06/12 UNIFORMS/MAT-EWS -----57.50 ACCOUNT TOTAL 57.50 51047 93013 GENERAL GOVERNMENT ADMIN 042896 NFLD TOWN GEN FUND 86302 2026 1 INV A 715.00 02-26 JUL 25 INTERCOMPANY INVOICE: FULL DESC: JUL 25 INTERCOMPANY CHARGES ACCOUNT TOTAL 715.00 51047 93014 ACCOUNTING FEE 042896 NFLD TOWN GEN FUND 86302 0 2026 1 INV A 4,648.00 02-26 JUL 25 INTERCOMPANY INVOICE: FULL DESC: JUL 25 INTERCOMPANY CHARGES ACCOUNT TOTAL 4,648.00 51047 93112 RENT 042896 NFLD TOWN GEN FUND 86302 0 2026 1 INV A 526.00 02-26 JUL 25 INTERCOMPANY INVOICE: FULL DESC: JUL 25 INTERCOMPANY CHARGES ACCOUNT TOTAL 526.00 ORG 51047 TOTAL 12,439.62

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INVOICE LIST BY GL ACCOUNT

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YEAR/PERIOD: 2025/12 TO 2026/1

ACCOUNT/VENDOR	,	DOCUMENT	VOUCHER PO	YEAR/PR	TYP S		WARRANT	CHECK	DESCRIPTION	
FUI	TD 510	ELECTRIC FUND			OTAL:	166,288.1				

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054400 SYMQUEST GROUP INC. 86251

054400 SYMQUEST GROUP INC. 86252

054400 SYMQUEST GROUP INC. 86291

INVOICE: 2011946

INVOICE: 2012483

INVOICE: 2012272

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ACCOUNT/VENDOR	DOCUMENT			TYP S	WARRANT	CHECK	DESCRIPTION
53000		WATER -	BALANCE SHEET				
53000 01324			RESERVOIR-CHEN	EY FARM			
025240 DUFRESNE GROUP	86185		0 2025 12 I	INV A 6,466.2	5 02-26		JUN25 TANK C2 RPR
INVOICE: 19875		FULL DESC:	JUN25 TANK C2 RPR				
025240 DUFRESNE GROUP	86186		0 2025 12 I	INV A 833.30	02-26		JUN25 TANK C2 SPECI
INVOICE: 19886		FULL DESC:	JUN25 TANK C2 SPECI	AL			
025240 DUFRESNE GROUP	86187		0 2025 12 I	INV A 8,450.00	02-26		JUN25 TANK C2 BASIC
INVOICE: 19918		FULL DESC:	JUN25 TANK C2 BASIC	•			
				15,749.55	5		
			ACCOUNT TOT	'AL 15,749.55	5		
53000 01591			MAINS-MAIN ST				
025240 DUFRESNE GROUP	86182		0 2025 12 I	NV A 20,203.40	02-26		JUN25 WM C1 RPR
INVOICE: 19874		FULL DESC:	JUN25 WM C1 RPR				
025240 DUFRESNE GROUP	86183		0 2025 12 I	NV A 2,661.10	02-26		JUN25 WM C1 SPECIAL
INVOICE: 19885		FULL DESC:	JUN25 WM C1 SPECIAL	·			
025240 DUFRESNE GROUP	86184		0 2025 12 I	NV A 7,950.00	02-26		JUN25 WM C1 BASIC
INVOICE: 19917		FULL DESC:	JUN25 WM C1 BASIC				
				30,814.50			
031733 HUTCHINS, J INC	86196		0 2025 12 I	NV A 214,095.23	02-26		PAY #4 6/7-6/30 RT
INVOICE:			PAY #4 6/7-6/30 RT				
			ACCOUNT TOT	AL 244,909.73	}		
53000 02343			RF3-279 PAYABL	E-SOUTH PHASE			
063915 WILMINGTON TRUST	86281		0 2026 1 I	NV A 71,468.63	02-26		SOUTH PHASE WATER B
INVOICE:		FULL DESC:	SOUTH PHASE WATER B	OND			
			ACCOUNT TOT	AL 71,468.63	3		
			ORG 53000 TOT.	AL 332,127.91	-		
53045		WATER DE	SPARTMENT				
53045 06220			MAINTENANCE CO	NTRACTS			
021684 BUSINESS CREDIT CARD	86282		0 2026 1 I	NV A 1.88	02-26		JUL 25 WEBHOSTING
INVOICE:		FULL DESC:	JUL 25 WEBHOSTING				
054400 SYMQUEST GROUP INC.	86249		0 2025 12 I	NV A 37.99	02-26		MAY BACKUP CONTRACT
INVOICE: 2012805	· · <del>-</del>	FULL DESC.	MAY BACKUP CONTRACT				E.IONOI CONTINCI
054400 SYMQUEST GROUP INC.	86250	2220.	0 2025 12 I		02-26		MAY MEDR CONTRACT
INVOICE: 2012236		FULL DESC:	MAY MEDR CONTRACT				impir continct

0 2025 12 INV A

0 2025 12 INV A

0 2026 1 INV A

FULL DESC: MAY M365 OFFICE CONTRACT

FULL DESC: MAY DUO MFA CONTRACT

FULL DESC: JUL SAFETY NET CONTRACT

96.57 02-26

33.06 02-26

228.99 02-26

MAY M365 OFFICE CON

MAY DUO MFA CONTRAC

JUL SAFETY NET CONT

53045 07050

INVOICE:

042896 NFLD TOWN GEN FUND 86302

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YEAR/PERIOD: 2025/12 TO 2026/1 ACCOUNT/VENDOR DOCUMENT VOUCHER PO YEAR/PR TYP S WARRANT CHECK DESCRIPTION \_\_\_\_\_\_\_ 054400 SYMQUEST GROUP INC. 86292 0 2026 1 INV A 47.13 02-26 JUL DEFENDER CONTRA INVOICE: 2012032 FULL DESC: JUL DEFENDER CONTRACT 493.33 ACCOUNT TOTAL 495.21 53045 06380 HEALTH ADMIN/FEES 6.00 02-26 JUN25 HRA ADMIN FEE 039617 MVP-HRA 86241 0 2025 12 INV A INVOICE: FULL DESC: JUN25 HRA ADMIN FEE ACCOUNT TOTAL 6.00 TESTING 53045 06510 026230 ENDYNE, INC 86267 0 2026 1 INV A 75.00 02-26 7/14 COLIFORM TEST INVOICE: 539615 FULL DESC: 7/14 COLIFORM TEST 125.00 02-26 7/11 COLIFORM TEST 026230 ENDYNE, INC 86268 0 2026 1 INV A INVOICE: 539560 FULL DESC: 7/11 COLIFORM TEST 7/10 COLIFORM TEST 0 2026 1 INV A 25.00 02-26 026230 ENDYNE, INC 86269 FULL DESC: 7/10 COLIFORM TEST INVOICE: 539334 7/9 COLIFORM TEST 86271 25.00 02-26 026230 ENDYNE, INC 0 2026 1 INV A FULL DESC: 7/9 COLIFORM TEST INVOICE: 539123 7/8 COLIFORM TEST 50.00 02-26 026230 ENDYNE, INC 86272 0 2026 1 INV A INVOICE: 539062 FULL DESC: 7/8 COLIFORM TEST 7/8 COLIFORM TEST 026230 ENDYNE, INC 86273 0 2026 1 INV A 50.00 02-26 FULL DESC: 7/8 COLIFORM TEST INVOICE: 538910 25.00 02-26 7/7 COLIFORM TEST 026230 ENDYNE, INC 86274 0 2026 1 INV A INVOICE: 538791 FULL DESC: 7/7 COLIFORM TEST 7/2 COLIFORM TEST 0 2026 1 INV A 50.00 02-26 026230 ENDYNE, INC 86275 INVOICE: 538671 FULL DESC: 7/2 COLIFORM TEST 425.00 ACCOUNT TOTAL 425.00 ACCOUNTING FEE 53045 06650 3,552.00 02-26 2026 1 INV A JUL 25 INTERCOMPANY 042896 NFLD TOWN GEN FUND 86302 0 INVOICE: FULL DESC: JUL 25 INTERCOMPANY CHARGES

033040 JET SERVICE	86279	0 2020	5 1 INV A	262.61 02-26	25,000 WINDOW ENVEL
INVOICE: 95119	FU	LL DESC: 25,000 WINDOW	ENVELOPES		
		ACCOU	NT TOTAL	262.61	
53045 07160		RENT			
042640 NFLD SEWER	86303	0 2020	5 1 INV A	300.00 02-26	JUL 25 BUILDING REN

2026 1 INV A

ACCOUNT TOTAL

OFFICE SUPPLIES

FULL DESC: JUL 25 BUILDING RENT

0

3,552.00

351,00 02-26

JUL 25 INTERCOMPANY

INVOICE:

53045 08300

INVOICE:

033557 KENYON'S TRUE VALUE 86205

033557 KENYON'S TRUE VALUE 86224

INVOICE: 1070430713

056775 UNIFIRST CORP.

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YEAR/PERIOD: 2025/12 TO 2026/1

ACCOUNT/VENDOR DOCUMENT VOUCHER PO YEAR/PR TYP S WARRANT CHECK DESCRIPTION INVOICE: FULL DESC: JUL 25 INTERCOMPANY CHARGES ACCOUNT TOTAL 651.00 53045 07213 INTEREST-SO PHASE 063915 WILMINGTON TRUST 86281 2026 1 INV A 24,579.24 02-26 0 SOUTH PHASE WATER B INVOICE: FULL DESC: SOUTH PHASE WATER BOND ACCOUNT TOTAL 24,579.24 53045 07260 GEN GOVT ADMIN 042896 NFLD TOWN GEN FUND 86302 2026 1 INV A 412.00 02-26 JUL 25 INTERCOMPANY INVOICE: FULL DESC: JUL 25 INTERCOMPANY CHARGES ACCOUNT TOTAL 412.00 53045 08100 CHEMICALS 011024 ALLEN ENGIN 86167 0 2025 12 INV A 2.520.00 02-26 500 GALS CAUSTIC SO INVOICE: FULL DESC: 500 GALS CAUSTIC SODA-6/18 ACCOUNT TOTAL 2,520.00 53045 08180 LINE MAINTENANCE 057200 USA BLUE BOOK 86254 2025 12 INV A SERVICE BOX EXTENSI 340.56 02-26 INVOICE: FULL DESC: SERVICE BOX EXTENSIONS ACCOUNT TOTAL 340.56 53045 08250 EOUIPMENT MAINTENANCE 014096 BEAUREGARD 86173 W/S BACKHOE-TEMP SE 2025 12 INV A 1.014.07 02-26

6.33 056775 UNIFIRST CORP. 86309 2025 12 INV A 2.27 02-26

FULL DESC: BUG SPRAY-METER READING

FULL DESC: 06/26 UNIFORMS/MAT-EWS

0

FULL DESC: W/S BACKHOE-TEMP SENSOR

FULL DESC: DRILL BIT

056775 UNIFIRST CORP. 86310 2025 12 INV A 2.27 02-26 06/19 UNIFORMS/MAT-0 INVOICE: 1070429109 FULL DESC: 06/19 UNIFORMS/MAT-EWS 056775 UNIFIRST CORP. 86311 0 2025 12 INV A 2.27 02-26 05/29 UNIFORMS/MAT-INVOICE: 1070425754 FULL DESC: 05/29 UNIFORMS/MAT-EWS

2025 12 INV A

ACCOUNT TOTAL

DEPARTMENT SUPPLIES

2025 12 INV A

0 2025 12 INV A

INVOICE: 1070427402 FULL DESC: 06/12 UNIFORMS/MAT-EWS \_\_\_\_\_

86312

2.27 02-26

1,014.07

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4.79 02-26

1.54 02-26

DRILL BIT

BUG SPRAY-METER REA

06/26 UNIFORMS/MAT-

06/12 UNIFORMS/MAT-

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INVOICE LIST BY GL ACCOUNT

YEAR/PERIOD: 2025/12 TO 2026/1 WARRANT CHECK DESCRIPTION ACCOUNT/VENDOR DOCUMENT VOUCHER PO YEAR/PR TYP S \_\_\_\_\_ ACCOUNT TOTAL 15.41 53045 08350 UNIFORMS 86309 06/26 UNIFORMS/MAT-056775 UNIFIRST CORP. n 2025 12 INV A 40.45 02-26 FULL DESC: 06/26 UNIFORMS/MAT-EWS INVOICE: 1070430713 86310 0 2025 12 INV A 06/19 UNIFORMS/MAT-41.01 02-26 056775 UNIFIRST CORP. FULL DESC: 06/19 UNIFORMS/MAT-EWS INVOICE: 1070429109 05/29 UNIFORMS/MAT-056775 UNIFIRST CORP. 86311 0 2025 12 INV A 41.01 02-26 INVOICE: 1070425754 FULL DESC: 05/29 UNIFORMS/MAT-EWS 06/12 UNIFORMS/MAT-056775 UNIFIRST CORP. 86312 0 2025 12 INV A 40.45 02-26 INVOICE: 1070427402 FULL DESC: 06/12 UNIFORMS/MAT-EWS 162.92 ACCOUNT TOTAL 162.92 BUILDING MAINT/SUPPLIES 53045 08380 6.84 02-26 WELLFIELD N2-HARDWA 033557 KENYON'S TRUE VALUE 86219 2025 12 INV A FULL DESC: WELLFIELD N2-HARDWARE INVOICE: 2025 12 INV A PAPER TOWELS 057200 USA BLUE BOOK 86256 34.77 02-26 0 FULL DESC: PAPER TOWELS INVOICE: ACCOUNT TOTAL 41.61 53045 08460 EQUIPMENT/TOOL PURCHASE 156.99 02-26 033557 KENYON'S TRUE VALUE 86218 2025 12 INV A DRILL COMBO KIT, PL FULL DESC: DRILL COMBO KIT, PLIERS INVOICE: ACCOUNT TOTAL 156.99 ORG 53045 TOTAL 34,634.62 TOTAL: 366,762.53 FUND 530 WATER FUND 

INVOICE LIST BY GL ACCOUNT

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YEAR/PERIOD: 2025/12 TO 2026/1

YEAR/PERIOD: 2025/12 TO 2 ACCOUNT/VENDOR	DOCUMENT		ER PO YEAR/PR TYP S	WARRANT	CHECK	DESCRIPTION
55000		SEWER -	BALANCE SHEET			
55000 01391			SEWER EXTENSION 12 & 12A			
025240 DUFRESNE GROUP	86188		0 2025 12 INV A	3,090.00 02-26		JUN25 SWR MAIN EXT
INVOICE: 19939		FULL DESC:	JUN25 SWR MAIN EXT BASIC			
			ACCOUNT TOTAL	3,090.00		
			ORG 55000 TOTAL	3,090.00		
55046		SEWER DI	EPARTMENT			
55046 06220			MAINTENANCE CONTRACTS			
021684 BUSINESS CREDIT CARD	86282		0 2026 1 INV A	1.35 02-26		JUL 25 WEBHOSTING
INVOICE:		FULL DESC:	JUL 25 WEBHOSTING			
054400 SYMQUEST GROUP INC.	86249		0 2025 12 INV A	27.51 02-26		MAY BACKUP CONTRACT
INVOICE: 2012805		FULL DESC:	MAY BACKUP CONTRACT			
054400 SYMQUEST GROUP INC.	86250		0 2025 12 INV A	35.91 02-26		MAY MEDR CONTRACT
INVOICE: 2012236		FULL DESC:	MAY MEDR CONTRACT			
054400 SYMQUEST GROUP INC.	86251		0 2025 12 INV A	69.93 02-26		MAY M365 OFFICE CON
INVOICE: 2011946		FULL DESC:	MAY M365 OFFICE CONTRACT			
054400 SYMQUEST GROUP INC.	86252		0 2025 12 INV A	23.94 02-26		MAY DUO MFA CONTRAC
INVOICE: 2012483		FULL DESC:	MAY DUO MFA CONTRACT			
054400 SYMQUEST GROUP INC.	86291		0 2026 1 INV A	165.82 02-26		JUL SAFETY NET CONT
INVOICE: 2012272		FULL DESC:	JUL SAFETY NET CONTRACT			
054400 SYMQUEST GROUP INC. INVOICE: 2012032	86292	FULL DESC:	0 2026 1 INV A JUL DEFENDER CONTRACT	34.12 02-26		JUL DEFENDER CONTRA
				357.23		
				337.23		
			ACCOUNT TOTAL	358.58		
55046 06380			HEALTH ADMIN/FEES			
039617 MVP-HRA	86241		0 2025 12 INV A	4.00 02-26		JUN25 HRA ADMIN FEE
INVOICE:		FULL DESC:	JUN25 HRA ADMIN FEE			
			ACCOUNT TOTAL	4.00		
55046 06510			TESTING-SAMPLING			
026230 ENDYNE, INC	86191		0 2025 12 INV A	55.00 02-26		6/25 BOD & PHOSPHOR
INVOICE: 538294		FULL DESC:	6/25 BOD & PHOSPHORUS			
026230 ENDYNE, INC	86270		0 2026 1 INV A	25.00 02-26		7/9 ECOLI TEST
INVOICE: 539309		FULL DESC:	7/9 ECOLI TEST			
				80.00		
			ACCOUNT TOTAL	80.00		
55046 06650			ACCOUNTING FEE			
042896 NFLD TOWN GEN FUND	86302		0 2026 1 INV A	3,010.00 02-26		JUL 25 INTERCOMPANY
INVOICE:		FULL DESC:	JUL 25 INTERCOMPANY CHARGES			

051850 ROUX ELECTRIC

033557 KENYON'S TRUE VALUE 86205

033557 KENYON'S TRUE VALUE 86224

INVOICE: 2050

55046 08300

INVOICE:

86289

07/18/2025 10:37 | TOWN OF NORTHFIELD

INVOICE LIST BY GL ACCOUNT lbaroffio

YEAR/PERIOD: 2025/12 TO 2026/1 ACCOUNT/VENDOR DOCUMENT VOUCHER PO YEAR/PR TYP S WARRANT CHECK DESCRIPTION \_\_\_\_\_\_ ACCOUNT TOTAL 3,010.00 55046 07050 OFFICE SUPPLIES 033040 JET SERVICE 190.12 02-26 86279 2026 1 INV A 25.000 WINDOW ENVEL 0 FULL DESC: 25,000 WINDOW ENVELOPES INVOICE: 95119 ACCOUNT TOTAL 190.12 55046 07160 042896 NFLD TOWN GEN FUND 86302 0 2026 1 INV A 246.00 02-26 JUL 25 INTERCOMPANY INVOICE: FULL DESC: JUL 25 INTERCOMPANY CHARGES ACCOUNT TOTAL 246.00 GEN GOVT ADMIN 55046 07260 042896 NFLD TOWN GEN FUND 86302 303.00 02-26 JUL 25 INTERCOMPANY 0 2026 1 INV A FULL DESC: JUL 25 INTERCOMPANY CHARGES INVOICE: 303.00 ACCOUNT TOTAL 55046 08100 CHEMICALS 011024 ALLEN ENGIN 86169 0 2025 12 INV A 6,432.00 02-26 1300GALS CAUSTIC SO FULL DESC: 1300GALS CAUSTIC SODA-6/18 INVOICE: 031435 HOLLAND COMPANY, INC 86194 2025 12 INV A 6,157.91 02-26 1513 GALS EPICWW58-FULL DESC: 1513 GALS EPICWW58-6/27 INVOICE: 795 GALS SBS38%-6/2 0 2025 12 INV A 2,424.75 02-26 031435 HOLLAND COMPANY, INC 86195 FULL DESC: 795 GALS SBS38%-6/27 INVOICE: \_\_\_\_\_\_ 8.582.66 ACCOUNT TOTAL 15,014.66 55046 08250 EQUIPMENT MAINTENANCE 2025 12 INV A 338.02 02-26 W/S BACKHOE-TEMP SE 014096 BEAUREGARD 86173 0 FULL DESC: W/S BACKHOE-TEMP SENSOR INVOICE: 033557 KENYON'S TRUE VALUE 86204 13.02 02-26 HARDWARE 0 2025 12 INV A FULL DESC: HARDWARE INVOICE: 051216 REYNOLDS & SONS 86247 0 2025 12 INV A 208.79 02-26 PUMP REPAIR-SLEEVES INVOICE: 3455399 FULL DESC: PUMP REPAIR-SLEEVES

2026 1 INV A

ACCOUNT TOTAL

DEPARTMENT SUPPLIES 2025 12 INV A

2025 12 INV A

FULL DESC: SLUDGE TANK MOTOR REPAIR

0

0

FULL DESC: DRILL BIT

310.53 02-26

3.20 02-26

.98 02-26

870.36

SLUDGE TANK MOTOR R

BUG SPRAY-METER REA

DRILL BIT

lbaroffio | INVOICE LIST BY GL ACCOUNT

P 22

apinvgla

YEAR/PERIOD: 2025/12 TO 20	026/	1
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ACCOUNT/VENDOR	DOCUMENT	VOUCHER	PO	YEAR/PR	TYP S		WARRANT	CHECK	DESCRIPTION
INVOICE:		FULL DESC:	BUG S	PRAY-METER RE	ADING				
						4.18			
056775 UNIFIRST CORP.	86309		0	2025 12	TNV A	1.49	02-26		06/26 UNIFORMS/MAT-
INVOICE: 1070430713		FULL DESC:	06/26	UNIFORMS/MAT					· · · · · · · · · · · · · · · · · · ·
056775 UNIFIRST CORP.	86310		0	2025 12		1.49	02-26		06/19 UNIFORMS/MAT-
INVOICE: 1070429109		FULL DESC:	06/19	UNIFORMS/MAT	-EWS				
056775 UNIFIRST CORP.	86311		0	2025 12	INV A	1.49	02-26		05/29 UNIFORMS/MAT-
INVOICE: 1070425754		FULL DESC:	05/29	UNIFORMS/MAT	-EWS				
056775 UNIFIRST CORP.	86312		0	2025 12	INV A	1.49	02-26		06/12 UNIFORMS/MAT-
INVOICE: 1070427402		FULL DESC:	06/12	UNIFORMS/MAT	-EWS				
						5.96			
				ACCOUNT TO	TAL	10.14			
55046 08350			1	UNIFORMS					
056775 UNIFIRST CORP.	86309		0	2025 12	INV A	26.92	02-26		06/26 UNIFORMS/MAT-
INVOICE: 1070430713		FULL DESC:	06/26	UNIFORMS/MAT					
056775 UNIFIRST CORP.	86310		0	2025 12		27.29	02-26		06/19 UNIFORMS/MAT-
INVOICE: 1070429109		FULL DESC:		UNIFORMS/MAT					
056775 UNIFIRST CORP.	86311		0	2025 12		27.29	02-26		05/29 UNIFORMS/MAT-
INVOICE: 1070425754	06212	FULL DESC:		UNIFORMS/MAT		25.00			
056775 UNIFIRST CORP. INVOICE: 1070427402	86312	DIN I DOGG	0	2025 12		26.92	02-26		06/12 UNIFORMS/MAT-
INVOICE: 10/042/402		FOUL DESC:	06/12	UNIFORMS/MAT					
						108.42			
						100.42			
				ACCOUNT TO	TAL	108.42			
55046 08380			J	BUILDING MAIN	T/SUPPLIES				
057200 USA BLUE BOOK	86256		0	2025 12	INV A	23.18	02-26		PAPER TOWELS
INVOICE:		FULL DESC:	PAPER	TOWELS					
				ACCOUNT TO	TAL	23.18			
55046 08420			1	EQUIP RENTAL	- HIGHWAY				
042896 NFLD TOWN GEN FUND	86304		n .	2026 1		337.00	02-26		TIL 25 LONDED DENEN
INVOICE:		FULL DESC:	лп. 21	5 LOADER RENT		337.00	02 20		JUL 25 LOADER RENTA
				ACCOUNT TO	TAL	337.00			
55046 08460			I	EQUIPMENT/TOO	L PURCHASE				
033557 KENYON'S TRUE VALUE	86218		0	2025 12	INV A	156.99	02-26		DRILL COMBO KIT, PL
INVOICE:		FULL DESC:	DRILL	COMBO KIT, P	LIERS				
				ACCOUNT TO	TAL	156.99			
			ORG	5 55046 TO	TAL	20,712.45			

lbaroffio

INVOICE LIST BY GL ACCOUNT

P 23 apinvgla

YEAR/PERIOD: 2025/12 TO 2026/1

ACCOUNT/VENDOR DOCUMENT VOUCHER PO YEAR/PR TYP S WARRANT CHECK DESCRIPTION \_\_\_\_\_\_ TOTAL: 23,802.45 FUND 550 SEWER FUND

07/18/2025 10:37

TOWN OF NORTHFIELD

lbaroffio

INVOICE LIST BY GL ACCOUNT

P 24 apinvgla

YEAR/PERIOD:	2025/12	TO 2026/1									
ACCOUNT/VENDOR	<b>t</b>	DOCUMENT	VOUCHER	PO	YEAR/PR	TYP S			WARRANT	CHECK	DESCRIPTION
71652			POOL DON	ATION-E	EXPENSES						
71652 08320				c	CONCESSIONS	!					
016475 CAPITAL	CANDY	86266		0	2026	1 INV A		200.84	02-26		07/01 CONCESSION SU
INVOICE: 4	406224	I	FULL DESC:	07/01	CONCESSION	SUPPLI	ES				
046595 PALONE,	SHANNON	86286		0	2026	1 INV A		20.00	02-26		CONCESSION SUPPLIES
INVOICE:		I	FULL DESC:	CONCES	SSION SUPPL	IES					
046595 PALONE,	SHANNON	86287		0	2026	1 INV A		29.97	02-26		CONCESSION SUPPLIES
INVOICE:		I	FULL DESC:	CONCES	SSION SUPPL	IES					
								49.97			
					ACCOUNT T	OTAL		250.81			
				ORG	71652	TOTAL		250.81			
***********	======================================	POOL DONATION	FINT	=====	TOTAL:			250.81	========	======	
	=======	======================================					=======================================				

<sup>\*\*</sup> END OF REPORT - Generated by Laurie Baroffio \*\*



## GENERAL LEDGER DISTRIBUTION JOURNAL: BIWEEKLY

WARRANT 012526

PAY PERIOD 06/23/2025 to 07/06/2025

CHECK DATE 07/11/2025

YEAR 2026 PERIOD 1 EXPENDITURE ENTRIES
SHORT DESC 07/11/25PR GL EFF DATE 07/11/2025 REFERENCE 012526 REFERENCE2 1012526

SHOK! DESC 07/11/23PK		KEFEK	ENCEZ 1012526
ORG OBJECT PROJECT YEAR 2026 PERIOD 1 10130 OS020 10130 OS050 10130 OS154 10130 OS154 10130 OS155 10130 OS170 10130 OS170 10130 OS175 10130 OS180 10140 OS010 10140 OS012 10140 OS012 10140 OS154 10140 OS155 10140 OS156 10140 OS170 10140 OS170 10140 OS170 10140 OS170 10140 OS170 10140 OS170 10140 OS170 10140 OS175 10140 OS170 101230 OS180 10230 OS154 10230 OS1556 10230 OS1556 10230 OS1575 10230 OS1575 10230 OS170 10260 OS070 10260 OS070 10260 OS070 10320 OS175 10320 OS175 10320 OS175 10320 OS175 10320 OS175 10320 OS175 10320 OS175 10320 OS175 10320 OS175 10320 OS175 10320 OS175 10320 OS180 10330 OS040 10330 OS040 10330 OS040 10330 OS050 10330 OS080 10330 OS186 10330 OS186 10330 OS156 10330 OS180 10340 OS070 10340 OS070 10340 OS072 10340 OS083 10340 OS090 10340 OS090 10340 OS091 10340 OS091 10340 OS091	ORGANIZATION TITLE	ACCOUNT DESCRIPTION  GL EFF  APPOINTED CLERICAL HEALTH INSURANCE PREMIUM DENTAL INSURANCE FICA CHILD CARE CONTRIB TAX RETIREMENT-VMERS ELECTED ELECTED TREASURER APPOINTED HEALTH INSURANCE PREMIUM DENTAL INSURANCE PREMIUM DENTAL INSURANCE PREMIUM DENTAL INSURANCE PREMIUM DENTAL INSURANCE PREMIUM DENTAL INSURANCE PREMIUM DENTAL INSURANCE PREMIUM DENTAL INSURANCE PREMIUM DENTAL INSURANCE FICA CHILD CARE CONTRIB TAX RETIREMENT-VMERS ELECTED PART-TIME FICA CHILD CARE CONTRIB TAX RETIREMENT-VMERS SUPERVISOR OFFICERS POLICE HOLIDAY CLERICAL OVERTIME HEALTH INSURANCE PREMIUM DENTAL INSURANCE FICA CHILD CARE CONTRIB TAX RETIREMENT-VMERS SUPERVISOR OFFICERS POLICE HOLIDAY CLERICAL OVERTIME HEALTH INSURANCE PREMIUM DENTAL INSURANCE FICA CHILD CARE CONTRIB TAX RETIREMENT-VMERS SUPERVISOR PART-TIME HEALTH INSURANCE FICA CHILD CARE CONTRIB TAX RETIREMENT-VMERS SUPERVISOR PART-TIME HEALTH INSURANCE FICA CHILD CARE CONTRIB TAX RETIREMENT-VMERS SUPERVISOR PART-TIME RUN PAY OT - HALF RATE ONLY STANDBY/ON CALL WEEKEND SUPERVISOR NON EMERGENCY TRANSFERS TRANSFER CREW-PD SHIFT	EMPENATTURE
YEAR 2026 PERIOD 1	STORTER LEGIT LEGIC	ACCOUNT SESCRETATION	DATE 07/11/2025
10130 05020	TOWN MANACED	GL EFF	DATE 0//11/2025
10130 05050	TOWN MANAGER	APPOINTED	2,384.75
10130 03030	TOWN MANAGER	CLERICAL	1,324.35
10130 05154	TOWN MANAGER	HEALTH INSURANCE PREMIUM	951.10
10130 05156	TOWN MANAGER	DENTAL INSURANCE	40.62
10130 05170	TOWN MANAGER	FICA	265.43
10130 05175	TOWN MANAGER	CHILD CARE CONTRIB TAX	14.00
10130 05180	TOWN MANAGER	RETIREMENT-VMERS	239.10
10140 05010	TOWN CLERK/TREASURER	ELECTED	2,766.40
10140 05012	TOWN CLERK/TREASURER	ELECTED TREASURER	200.00
10140 05020	TOWN CLERK/TREASURER	APPOINTED	1,889.26
10140 05154	TOWN CLERK/TREASURER	HEALTH INSURANCE PREMIUM	2,024.24
10140 05156	TOWN CLERK/TREASURER	DENTAL INSURANCE	98.97
10140 05170	TOWN CLERK/TREASURER	FICA	332.39
10140 05175	TOWN CLERK/TREASURER	CHILD CARE CONTRIB TAX	17.32
10140 05180	TOWN CLERK/TREASURER	RETIREMENT-VMERS	279.34
10230 05050	ACCOUNTING	CLERICAL	2.282.32
10230 05154	ACCOUNTING	HEALTH INSURANCE PREMIUM	420 - 84
10230 05156	ACCOUNTING	DENTAL INSURANCE	19 90
10230 05170	ACCOUNTING	FTCA	166.55
10230 05175	ACCOUNTING	CHILD CARE CONTRIR TAY	8 91
10230 05180	ACCOUNTING	PETTPEMENT_VMEPS	165 47
10260 05010	I TETERS	ELECTED.	432.00
10260 05070	I TSTERS	DADT_TIME	585 20
10260 05170	I TCTEDC	ETCA CTCA	J0J.20 77 01
10260 05175	I TCTEDC	CUTIO CARE CONTRID TAV	17.01
10320 05070	CIDE DEDARIMENT	CUITO CAKE CONTRIB TAX	400 25
10320 05170	FIRE DEPARTMENT	FARTSTIME	490.33
10320 05175	FIRE DEPARTMENT	CUTIO CARE CONTRIB TAY	3/.34
10320 05180	FIRE DEPARTMENT	CHILD CARE CONTRIB TAX	2.10
10330 05030	FIRE DEPARTMENT	KETIKEMENI-VMEKS	8.13
10330 05040	POLICE DEPARTMENT	SUPERVISOR	3,888.00
10330 05040	POLICE DEPARTMENT	OFFICERS	3,982.86
10330 05043	POLICE DEPARTMENT	POLICE HOLIDAY	561.48
10330 05050	POLICE DEPARTMENT	CLERICAL	2,8/3.60
10330 05080	POLICE DEPARTMENT	OVERTIME	1,754.70
10330 05154	POLICE DEPARTMENT	HEALTH INSURANCE PREMIUM	3,014.83
10330 05156	POLICE DEPARTMENT	DENTAL INSURANCE	185.95
10330 05170	POLICE DEPARTMENT	FICA	942.23
10330 05175	POLICE DEPARTMENT	CHILD CARE CONTRIB TAX	47.49
10330 05180	POLICE DEPARTMENT	RETIREMENT-VMERS	1,390.04
10340 05030	AMBULANCE DEPARTMENT	SUPERVISOR	3,024.00
10340 05070	AMBULANCE DEPARTMENT	PART-TIME	5,878.13
10340 05072	AMBULANCE DEPARTMENT	RUN PAY	1,604.75
10340 05083	AMBULANCE DEPARTMENT	OT - HALF RATE ONLY	259.42
10340 05090	AMBULANCE DEPARTMENT	STANDBY/ON CALL	1,113.00
10340 05091	AMBULANCE DEPARTMENT	WEEKEND SUPERVISOR	250.00
10340 05110	AMBULANCE DEPARTMENT	NON EMERGENCY TRANSFERS	352.69
10340 05111	AMBULANCE DEPARTMENT	TRANSFER CREW-PD SHIFT	463.13



## **GENERAL LEDGER DISTRIBUTION JOURNAL: BIWEEKLY**

WARRANT 012526

PAY PERIOD 06/23/2025 to 07/06/2025

CHECK DATE 07/11/2025

YEAR 2026 PERIOD 1 EXPENDITURE ENTRIES SHORT DESC 07/11/25PR GL EFF DATE 07/11/2025 REFERENCE 012526 REFERENCE2 1012526

000	00755	0001567			
ORG	OBJECT	PROJECT	ORGANIZATION TITLE	ACCOUNT DESCRIPTION	
10340	05156		AMBULANCE DEPARTMENT	DENTAL INSURANCE	63.02
10340 10340	05170 05175		AMBULANCE DEPARTMENT	FICA	990.05
10340	05180		AMBULANCE DEPARTMENT AMBULANCE DEPARTMENT	CHILD CARE CONTRIB TAX	55.28
10420	05040		HIGHWAY DEPT	RETIREMENT-VMERS TECHNICAL	219.24 14,192.53
10420	05080		HIGHWAY DEPT	OVERTIME	142.61
10420	05154		HIGHWAY DEPT	HEALTH INSURANCE PREMIUM	2,647.87
10420	05156		HIGHWAY DEPT	DENTAL INSURANCE	190.24
10420	05170		HIGHWAY DEPT	FICA	1,072.66
10420	05175		HIGHWAY DEPT	CHILD CARE CONTRIB TAX	56.37
10420	05180		HIGHWAY DEPT	RETIREMENT-VMERS	1,005.54
10520	05040		GROUNDS/PARKS/FACILITIES	TECHNICAL	1,000.41
10520	05154		GROUNDS/PARKS/FACILITIES	HEALTH INSURANCE PREMIUM	210.42
10520	05156		GROUNDS/PARKS/FACILITIES	DENTAL INSURANCE	9.95
10520	05170		GROUNDS/PARKS/FACILITIES	FICA	72.52
10520	05175		GROUNDS/PARKS/FACILITIES	CHILD CARE CONTRIB TAX	3.88
10520	05180		GROUNDS/PARKS/FACILITIES	RETIREMENT-VMERS	72.53
10550	05030		POOL	POOL DIRECTOR	2,066.40
10550 10550	05070 05170		POOL POOL	PART-TIME GUARDS	9,264.50 866.84
10550	05175			FICA CHILD CARE CONTRIB TAX	49.86
10620	05020		PLANNING/ZONING	ZONING ADMINISTRATOR	1,001,13
10620	05170		PLANNING/ZONING	FICA	76.59
10620	05175		POOL PLANNING/ZONING PLANNING/ZONING PLANNING/ZONING PLANNING/ZONING	CHILD CARE CONTRIB TAX	4.40
10645	05051		ECONOMIC DEVELOPMENT	ECONOMIC DEVEL COORDINATO	3,114.02
10645	05154		ECONOMIC DEVELOPMENT	HEALTH INSURANCE PREMIUM	413.34
10645	05156		ECONOMIC DEVELOPMENT	DENTAL INSURANCE	19,90
10645	05170		ECONOMIC DEVELOPMENT	FICA	238.22
10645	05175		ECONOMIC DEVELOPMENT	CHILD CARE CONTRIB TAX	12.46
10645	05180		ECONOMIC DEVELOPMENT	RETIREMENT-VMERS	225.77
				FUND_TOTALS	88,473.71
51047	05154		ELECTRIC DEPARTMENT	HEALTH INSURANCE PREMIUM	1.856.27
51047	05156		ELECTRIC DEPARTMENT	DENTAL INSURANCE	113.09
51047	05170		ELECTRIC DEPARTMENT	FICA	476.41
51047	05175		ELECTRIC DEPARTMENT	CHILD CARE CONTRIR TAX	24.61
51047	05180		ELECTRIC DEPARTMENT	RETIREMENT-VMERS	441.14
51047	90210		ELECTRIC DEPARTMENT	RETIREMENT-VMERS METER READING MUNICIPAL MANAGER CLERICAL LABOR OVERTIME LABOR	433.01
51047	92010		ELECTRIC DEPARTMENT	MUNICIPAL MANAGER	928.58
51047	92012		ELECTRIC DEPARTMENT	CLERICAL LABOR	1,846.24
51047	92013		ELECTRIC DEPARTMENT	OVERTIME LABOR	51.84
51047	92014		ELECTRIC DEPARTMENT	SUPERINTENDENT ASSISTANT	892.60
51047	92016		ELECTRIC DEPARTMENT		1,299.08
51047 51047	92 <b>018</b> 92 <b>01</b> 9		ELECTRIC DEPARTMENT	TECHNICAL LABOR	1,200.71 45.00
31047	27073		ELECTRIC DEPARTMENT	STAND-BY	
				FUND TOTALS	9,608.58

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## GENERAL LEDGER DISTRIBUTION JOURNAL: BIWEEKLY

WARRANT 012526

PAY PERIOD 06/23/2025 to 07/06/2025

CHECK DATE 07/11/2025

YEAR 2026 PERIOD 1 EXPENDITURE ENTRIES SHORT DESC 07/11/25PR

GL EFF DATE 07/11/2025 REFERENCE 012526 REFERENCE2 1012526

			THE ENERGY	1011310
ORG OBJECT	PROJECT	ORGANIZATION TITLE	ACCOUNT DESCRIPTION	EXPENDITURE
\$3045 05020 53045 05030 53045 05042 53045 05080 53045 05154 53045 05156 53045 05170 53045 05175 53045 05175 53045 05180		WATER DEPARTMENT WATER DEPARTMENT WATER DEPARTMENT WATER DEPARTMENT WATER DEPARTMENT WATER DEPARTMENT WATER DEPARTMENT WATER DEPARTMENT WATER DEPARTMENT WATER DEPARTMENT WATER DEPARTMENT WATER DEPARTMENT	APPOINTED SUPERVISOR TECHNICAL/ADMIN/CLERICAL OVERTIME STANDBY/ON CALL HEALTH INSURANCE PREMIUM DENTAL INSURANCE FICA CHILD CARE CONTRIB TAX RETIREMENT-VMERS	527.60 1,606.68 5,428.17 266.16 153.00 1,350.09 123.91 584.36 30.28 544.54
\$5046 05020 \$5046 05030 \$5046 05042 \$5046 05080 \$55046 05090 \$55046 05154 \$5046 05170 \$5046 05175 \$5046 05175 \$5046 05175		SEWER DEPARTMENT SEWER DEPARTMENT SEWER DEPARTMENT SEWER DEPARTMENT SEWER DEPARTMENT SEWER DEPARTMENT SEWER DEPARTMENT SEWER DEPARTMENT SEWER DEPARTMENT SEWER DEPARTMENT SEWER DEPARTMENT SEWER DEPARTMENT	APPOINTED SUPERVISOR TECHNICAL/ADMIN/CLERICAL OVERTIME STANDBY/ON CALL HEALTH INSURANCE PREMIUM DENTAL INSURANCE FICA CHILD CARE CONTRIB TAX RETIREMENT-VMERS FUND TOTALS	379.87 1,071.12 3,602.50 1,289.47 102.00 1,121.98 96.64 471.24 24.45 444.36
			GRAND TOTALS	1017, 300, 711

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## **MUNICIPAL OFFICES**



**Board of Listers** 

Phone (802) 485-9825 Fax (802) 485-8426

## 51 SOUTH MAIN STREET NORTHFIELD, VERMONT 05663

To: Northfield Select Board

Re: Open Lister Position

Select Board Members,

Attached is a letter from Alexandria Najduch expressing interest in the vacant Lister office.

I have met with Alexandria to discuss the office requirements and responsibilities, as well as her background as stated in her letter of interest. After that meeting I am confident that she will be a good & competent addition to the Board of Listers. She is aware that the appointment would be until the next Town Meeting Day, and that she would need to run for the remainder of the office term after that.

Respectfully

Tom Alsheimer, Chair Board of Listers Northfield, VT Town of Northfield 51 South Main Street Northfield, VT 05663

Dear Northfield Town Manager, Members of the Board of Selectmen and Board of Listers,

I am writing to express my interest in serving on the Northfield Board of Listers. As a resident of our community, I am eager to contribute my expertise and passion for real estate to help ensure fair and accurate property assessments for all Northfield residents.

My educational background and professional experience make me exceptionally well-qualified for this role. I hold a bachelor's degree in economics from Augustana College and a master's degree from Dartmouth College, where I currently serve as the Director of Assessment and Evaluation, bringing strong analytical skills and expertise in data analysis and evaluation methodologies to this position.

In addition to my academic and professional credentials, my experience in Central Vermont's real estate market provides practical, hands-on knowledge. As the owner of several properties throughout the region, I have developed a deep understanding of local market conditions, property values, and the factors that influence real estate assessments. I also operate a successful short-term rental business, which has given me valuable insights into market analysis, and the unique considerations that affect different types of residential properties.

Over the years, I have bought and sold numerous homes in our area, providing me with comprehensive experience in property evaluation, market trends, and the complexities of real estate transactions. This combination of academic rigor, professional expertise, and practical real estate experience has fostered my genuine passion for all aspects of property assessment, from understanding structural elements and property improvements to analyzing market comparables and assessment methodologies.

I believe my advanced education, professional expertise in assessment and evaluation, and practical real estate experience would be exceptional assets to the Board of Listers. My analytical background and proven ability to work with complex data and evaluation systems, combined with my deep knowledge of local property markets, position me uniquely to contribute to fair and accurate property assessments. I understand the importance of maintaining equitable assessments that reflect true market values while being sensitive to the impact on our neighbors and community members. My goal would be to help ensure that Northfield's property assessment process is transparent, consistent, and fair for all residents.

I would welcome the opportunity to discuss my qualifications further and answer any questions you may have about my interest in this position. Thank you for considering my application to serve our community in this important capacity.

Sincerely,

Alexandria N. Najduch



## Town of Northfield, Vermont





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Committees Departments About Northfield Docu



All photography provided by John Knox

### **Upcoming Events**



## Select fourd Regular...

Tuesday 22 July 7 80 pm 9:30 pm

22 July Tuesday



#### Conservation Commi

Wednesday 23 July 5 00 pm - 7.30 pm

23 Wednesday



### Development Review...

Thursday, 24 E89 7.00 pm - 9:00 pm

24 Marsaly

#### Latest News

### **Public Notices**

## Northfield, Vermont Highway Materials Bids

The Town of Northfield now is seeking bids for winter sond crushed clean stone and plant mix. Bids are due by 1:00 p.m. on Tuesday, July 22, 2025.

### Read More

## Northfield, Vermont Road Paving RFP

The Town of Northfield is seeking pids for

#### Quick Links

**Pay Utility Bills** 

Pay Property Taxes

Town Clerk's Office

Open Meeting Law

### Municipal Code of Ethics

Municipal Pool

**Public Parks** 

**Town Forest** 

**US Passports** 

**Human Resource Directory** 

Brown Public Library

Northfield Business Guide



## Town of Northfield, Vermont





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Departments

**About Northfield** 

## **Municipal Code of Ethics**

<u>Vermont Municipal Code of Ethics</u>

Act 171 as Enacted - Act 171 Quick Summary

Vermont Municipal Ethics Training

Anyone who believes that a Town of Northfield public official or employee has committed a violation of the Vermont Municipal Code of Ethics (see above) may submit a signed, written complaint to Town Manager Jeff Schulz, who is the municipality's appointed liaison to the State Ethics Commission.

Please click <u>here</u> to download the complaint form, which should be mailed or delivered to: Town of Northfield, Attn: Kenneth McCann, 51 South Main Street, Northfield, VT 05663. You can also email the completed form to <u>kennethmccann@northfield.vt.us</u>

## **Training**

## Who is required to complete ethics training?

Starting January 1, 2025, certain municipal officers (members of the legislative or quasi-judicial bodies, chief administrative officers, mayors, town or city managers) are required to complete training on the statewide Municipal Code of Ethics. New municipal officers must complete training within 120 days of the start of their position and every three years thereafter. Existing municipal officers have until September 25, 2025 to complete the training and every three years thereafter.

Starting July 1, 2022, State of Vermont employees and other State of Vermont public servants are required complete training on the State Code of Ethics. Training must be completed within 120 days the start of employment and every three years thereafter.

## Where can I complete the training?

MUNICIPAL OFFICIALS SERVING IN MUNICIPAL GOVERNMENT (i.e., selectboard members, mayors, town managers, town clerks, etc..) can complete ethics training via the "Municipal Code of Ethics" link below. Training covers the basics of the statewide Municipal Code of Ethics. It is approximately 45 minutes long. When you open the link you will see a message that says, "Log in to store your form" at the top of the page. You can ignore this.

Municipal Code of Ethics Training

PUBLIC SERVANTS SERVING IN STATE GOVERNMENT (i.e., State employees, volunteer members of State boards and commissions) can complete ethics training via the "State Code of Ethics" link below. Training covers the basics of the State Code of Ethics. It is approximately 55 minutes long.

Those with Learning Management System (LMS) accounts will be routed to the LMS system. Everyone else can complete the training through the Ethics Commission, after which you will receive a certificate of completion via email.

From: Jeff Schulz

Sent: Monday, July 21, 2025 4:25 PM

**To: Select Board** 

**Subject: Town Manager Report** 

## **Main Street Bridge Project**

VTrans project manager Gary Laroche plans to attend the Board meeting to present the final plans for the Main Street Bridge project. A copy of the plans is in the Board packet.

The proposed bridge will have two-11-foot-wide vehicle traffic lanes, two-three-foot-wide buffer lanes, two-five-foot-wide bike lanes and two-seven-foot-wide sidewalks. The lighting includes a new lighting scheme with light poles and fixtures similar to the existing lights in the Downtown area.

As stated in the past, the project includes an estimated bridge closure period of 12 weeks with a vehicle and small truck traffic detour onto Water and Wall Streets. Large trucks will be detoured to a regional route including Interstate 89, Route 64 and Route 12.

The plans include a comprehensive traffic and pedestrian plan for the traffic detour period which includes numerous detour signs, sidewalk closure signs, pedestrian detour signs, temporary crosswalk markings, temporary curb ramps, pedestrian barricades, temporary improved walking surfaces, and longitudinal channelizing device.

We still have not yet received a revised cost estimate for the project, which based on Gary Larohe's most recent comments, has increased more than expected. Having a solid cost estimate currently or within the next three months is important for when the Town starts the municipal budget process.

### RE Tucker - Sand and Gravel Pit

Sherrie Tucker has requested time to speak with the Board to discuss the potential sale of land on Route 12 A to the Town. The Town currently leases this land for the storage of winter road material. I have asked the Tuckers to provide survey and other information from an engineer to document and certify as to the amount of sand and gravel reserves on the property. The Tuckers state that they can provide the requested material.

## **Main Street Water Line and Cheney Farm Tank Replacement Projects**

The Main Street water line contractor will continue installing new water lines with work occurring on Main Street near South Street to Central. In addition, this week or early the following week the contractor will be installing the duct bank on Main Street near the Dominos property. The duct bank is required for the installation of the underground electric power lines as part of the Main Street Bridge project and needs to be installed prior to the water line. The duct bank work will require extensive road excavation; however, it should not require any road closure.

The contractor for the water tank replacement project has completed removal of the existing tanks and site preparation for the installation of the new tanks. The contractor plans to start the tank installation this week. The project remains on schedule.

## **Vine Street Sidewalk Project**

The contractor for the Vine Street sidewalk project is currently pouring the concrete for sidewalk sections and the project remains on schedule for completion by August 1.

### Tax Sales

I am currently working on potential tax sales of properties with delinquent taxes, which involves the issuance of a notice of potential tax sale to property owners with two or more years of delinquent taxes. Pursuant to recent changes in VT Law, additional notice of tax sale and an offer of a repayment plan to the property owner is required. For property owners that to do not response to the notice, the property will be subject to tax sale. We anticipate having a tax sale at the end of September. Currently, I am working with 15 property owners.

## **Street Sign Replacement**

There are a number of street name and other road signs in town that have either been damaged or stolen, which include street signs, speed signs and stop signs. Please note that we are working to replace the signs.

## Bookkeeper

I have hired a new bookkeeper to fill the vacate position. The new hire is Kristin Paya. Kristin is scheduled to start August 4.

## Project Tracker

					Project List	7/18/2025	
Project List	Status	Project Cost	Funding Source	Assigned	Start Date/Bid	Completion Date	Project Notes
Main St. Bridge Replacement Project	In Progress	\$8,900,000	State of VT, Municipality	VTrans and TM	11/1/2025	10/1/2026	VTrans has completed the final plans and will present to Board In July. Waiting final cost estimate. Project construction Spring 2026.
Main St. Water Line and Tank Project	Construction Phase	\$7,230,000	State of VT , Municipality	Engineer, TM	7/1/2024	11/15/2025	Water line contractor installing water lines. Tank contractor preparing site for new tanks.
Route 12 and 12 A Sewer Expansion	Planning Phase	\$8,950,000	TBD	TM, Engineer	TBD	TBD	State approved 50% funding for study and plan update. Engineer working on update.
July Flooding, FEMA Disaster	In Progress	TBD	FEMA, State, Town	Town Staff	8/1/2023	TBD	The Town has received about 80% of the anticipated FEMA and State funding.
Cabot/Northfield Stormwater	In Progress	\$125,000	State of Vermont	TM, Consultant	10/1/2022	6/1/2026	Engineer completed plans. Engineer to bid the project.
Northfield Falls Pedestrian	In Progress	\$33,000	State of Vermont, ARPA	TM, VTrans	3/1/2024	TBD	Project completed. Request Vtrans to paint crosswalk.
Lovers Lane	Planning Phase	TBD	State of Vermont, Town	TM, HF, SB Comm.	7/25/2025	Fall 2025	Town received \$200,000 State grant. Releasing RFP.
310 Water Street - FEMA Buyout	In Progress	\$285,000	FEMA, State Vermont	FEMA, State, TM	7/1/2022	TBD	FEMA and State of VT. have awarded full funding for buyout. RFP for building demolition was released and reviewing bids.
Wall St. Pedestrian - Design Phase	In Progress		State of Vermont	TM, Vtrans	01/1/2025	12/31/2027	Pedestrian improvements on Wali Street to Dog River Park. Town awarded grant funds for design and construction. Project kick off meeting held 7/15/2025.
Cross Brothers Dam Project	In Progress	\$955,000	FEMA, State Vermont	VNRC, TM	10/1/2023	TBD	Engineer is preparing final plans and obtaining permits. Dam Removal scheduled for 2025.
491 Water Street - FEMA Buyout	In Progress	TBD	State of Vermont	TM,	5/1/2024	TBD	The property owner signed required documents. State processing the documents.
.Historic Bridges	Scoping Phase	TBD	State of Vermont	State of Vermont	3/23/2023	TBD	The State selected four bridges in Northfield for structural analysis and rehab: Rabbit Hollow Bridge and three covered bridges on Cox Brook Road. Scoping for all bridges is underway.
Sewer Plant Permit Issues	Pending	TBD	Utility Commission	Town Manager	4/1/2023	TBD	Sewer Plant Permit Issues
Advanced Meter Infrastructure (AMI)	Planning Phase	\$950,000	State of VT and Utilities	TM, Utilities	9/1/2023	6/1/2026	Installing electric and water smart meters. Meter installation in late Summer 2025
King Street Battery Storage	Planning Phase	TBD	Developer	Developer, VPPSA	TBD	TBD	Developer needs to prepare and submit agreements to VPPSA and Town.
Riverwalk Path	Planning Phase	TBD	Town - ARPA	Committee	TBD	TBD	Dollar General donating land for path. Boundry survey completed. Deeds prepared.
Pool House Rebuild Plans	Planning Phase	\$36,000	Town- APRA	TM, SB Committee	03/1/2025	10/15/2025	Building evaulation and design plans. Architect working on project plans.
Dole Hill sump issues	Engineering Phase	TBD	Town	Engineer, TM	4/1/2024	TBD	Engineer working on engineering plan. Received preliminary engineering report.
Town Bridge 56, Highway 54	Planning Phase	\$200,000	Town	TM, Contractor	TBD	TBD	Town is adding funding to the CIP
Vine Street Pedestrain Bridge	Planning Phase	TBD	Town	TM, Contractor	TBD	TBD	Obtaining quotes
Vine and Cross Sidewalk Project	Construction Phase	\$400,000	ARPA Funds	TM, Engineer	6/15/2024	8/1/2025	Contractor has started the project. Estimated project completion date is August 1.
DEI Training	In Progress	No Cost	N/A	Board	4/26/2025		A representative of the VT office of Racial Equity   Education attended 4/22 Select Board meeting

## Memo



To:

Meeting Attendees

From:

Matthew Bissell

Date:

July 10, 2025

Re:

Route 12 Water Main Replacement - Contract 2023-1 Monthly Meeting #3

The following are the minutes for the July 9, 2025 monthly meeting held at the Municipal Town office conference room at 11:00 AM for the Route 12 Water Main Replacement, Contract 2023-1 project, RF3-483-3.0.

## The following individuals attended:

Individual	Representing
Jeff Schulz	Town of Northfield
Jim Russo	Town of Northfield
Dylan Moulton	J. Hutchins Inc.
John Christian	J. Hutchins Inc.
Dustin Newell	J. Hutchins Inc.
Cindy Parks	VT Water Investment Division
Allison Murphy	VT Water Investment Division
Matt Bissell	Dufresne Group
Tim Knapp (Via Teams)	Dufresne Group
Brady Roy	Dufresne Group

- Brady reviewed the RPR report, which is attached to these meeting minutes.
- Matt asked Hutchins for an update on the project schedule. Hutchins provided the following updates:
  - > A project schedule was provided and attached to these minutes.
  - Hutchins indicated they are ahead of schedule with water service connections.
  - > They will move temporary water service to section south of Prospect Street on South Main Street and continue water main installation.
  - > Hutchins plans to re saw cut trenches where concrete road is as shown on Sheet C1 to cut at full depth.
  - Leak on East Street was identified during pressure testing. This was later fixed, pressure tested, and is now being disinfected.
  - The schedule shows substantial completion in mid October, but this does not account for full width concrete removal outlined in FO #1, which will add approximately two weeks.
  - > Curbing and sidewalk restoration will be completed by sub contractor.

- Hutchins plans to install water main on Prospect Street to Byam Hill Road starting July 21'st and with an approximate duration of 1 week.
- Matt has reviewed pay request #4 and had no comments on the pay request. There
  are two missing certified payrolls associated with the pay request, so Matt did not
  sign and recommend payment at the time of the meeting.
- Matt reviewed the status of administrative submittals:

### a. Field Orders:

Number	Description	Status
FO-03	Add full width concrete removal on	Executed, contractor
	Main Street north and south of bridge	indicated increase in
		contract time and price
		<ul> <li>Contractor to submit</li> </ul>
		information soon

b. Change Proposals:

Number	Description	Status
	Extra cost associated with trench concrete removal	Under Review – Onsite Meeting 7/8/25 –
		Hutchins to provide backup data for time
	CO for duct bank terminations	Under Review

c. Work Change Directives:

Number	Description	Status
	None Since Last Meeting	

d. Change Orders:

Number	Description	Status
CO-06	Add 17 days for stormwater permit delay	Issued to Hutchins 7/10/25
CO-07	Silt fence at soil storage area, Bollards at vault, 14 conduits pricing and SCH 80 PVC substitution, duct bank terminations	Draft

e. RFIs (since last meeting):

Number	Description	Status
	None Since Last Meeting	

f. Shop Drawings (pending resubmittal or in review):

Number	Description	Received	Status	
	None Since Last			
	Meeting			

- o AIS Certifications: Matt reviewed the list of missing AIS certifications
  - Bell Joint Clamps
    - a) These will be needed for Prospect Street Water Main, so Hutchins working to obtain.
  - Service Saddle
  - > MH Steps
- Certified Payroll: Matt noted missing certified payroll for Hutchins and Project Flagging for pay requisition pay period.
- o Matt noted the next monthly meeting is scheduled for August 13'th, 2025 at 11 AM.
- Dustin asked if full width pavement as shown on Sheet C1 is from curb to curb. This
  was confirmed, and 18" of subbase gravel shall be installed where concrete
  removed, even if additional subgrade is needed to be removed to achieve this depth.
  Curbing is not to be disturbed.

## **RPR Construction Progress Report**

Project:	Route 12 Water Main Replacement					Contract:	2023-1	
Owner:	Town of Northfield, VT						Funding:	SRF
Contractor:	J. Hutchins, Inc.					Date:	7/9/2025	
Subcontractor(s):	Project	Flagging						
Work Period:		6/7	/2025	_tc		6/30/2025		
Contract Cost/Tim	ne Sumn	nary:						
Original Contract:		\$	3,968,585.00	)	Original Cont	ract Time:		210
Change Orders:			69,689.66		Extensions:			151
Total Contract:		\$ \$ \$	4,038,274.66		Total Contrac	t Time:		361
Completed to Date	e:	\$	1,407,272.18	-	Completed to	Date:		222
Percent Complete	:		35%	-	Percent Com			61%
•	-				-			
<b>Substantial Compl</b>	etion:	Nove	mber 16, 2025	_	Final Complet	tion:	De	cember 16, 2025
Average Workford	:e/Equip	oment this	Period:					
Contractor Labor								
		ck Driver, 2	Operators, 4 Labor	ers				
Subcontractor(s) L	abor							
2-5 Flaggers								
Equipment								
	i Excava	tors. 2 Roll	ers, 1 Dump Truck,	1 ( )t	ility Trucks 1 S	weener		
		,	ero, z bamp mack,		inty Trucks, 2 5	тесре		
				_				
Work Completed t	his Peri	od:						
Water main install	ed from	26+25 to 1	5+75.					
			rinated from 29+00	to 1	9+00.			
Masonic Temple 4'								
15 N Main and 14 (	Depot S	quare wate	r services installed.					
Work in Progress:								
Prepartion for water		_						
Hooking onto exist	ing wate	er on Depot	t Square, East St, Wa	all S	t, Slate Ave, an	nd Elm St.		

## **ATTENDANCE SHEET**

## ROUTE 12 WATER MAIN REPLACEMENT CONTRACT 2023-1/ RF3-483-3.0 NORTHFIELD, VERMONT

## **MONTHLY MEETING**

DATE: July 9, 2025 at 11:00 AM

	DATE. July 9, 2023 at 11.00 AW								
#	NAME:	REPRESENTATIVE OF:							
1.	MATT BISSELL	D6							
2.	AUSON MURPHY	VT DEC MID							
3.	Cindy Parks	VT DGC-WID							
4.	100 Brach Roy	DG							
5.	John Christian	J. Hutchers Thetoms Inc							
6.	Dylan Moulton	Thutchens Inc							
7.	Disting 16mil	JHI							
8.	Soft Schulz	JOWN TOWN							
9.	J:m (24550	1000							
10.									
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23.									

04

## 2025 July

05

2025	Jacy			
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
30 Services Bridge to East Street	01 Services Bridge to East Street; Remove 2" flushing pipe/ install air release.	02 Temp Paving; Cleanup job site for weekend.	03 No work, taking off today in the Spirit of 1776.	04 FIREWORKS! HAPPY BIRTHDAY AMERICA! OFFICIALLY NO KINGS DAY
07 Services	08 Tie in Depot Street & East; Service Line 51 So. Main.	09 Finish East Street; Tie in Slate Avenue; Services 75/78 So. Main.	10 Install 12" to 14+15; Services 98/114 So. Main.	11 Install 12" to 12+55; Temp paving.
14 Install 12" to 10+90; Service Lines 128/135 So. Main.	15 Install 12" to 9+30; Fill, Flush, Hydrostatic test to South Street; Service to 152 So. Main; Temp Water to 0+00.	16 Intall 12" to 7+70; Service Lines; South St sample to lab; Temp Wtr Crossings; Temp water fill/ flush/ chlorinate.	17 12" to Washington St; Flush/ Hydrostatic Test to Washington St.; South St/ Temp Water sample to lab; Temp Wtr Crossings.	18 Tie in East Street; Temp paving; Washington St/ Temp Water sample to lab.
21 Connect Temp Water; Service Lines 232/245 So. Main; Washington St. Water Sample to lab.	22 Install 12" to 6+10; Connect Temp Water;	23 8" Branch to Noridge Drive; Install Hydrant 6+10.	24 Sanitary Sewer Noridge Drive; Service Lines 246/258/263 So. Main; Saw cut duct banks.	25 Finish Sanitary Sewer; Service Line 277 So. Main; Saw cut duct banks; Temp Paving.
28 Install 12" to 4+55; Start Duct Banks; 1" Service up So. Street; Set up Temp Water 30+00 to 37+50.	Install 12" to 3+95; Install Duct Banks; Set up Temp Service to North side of bridge Sta's 30+00 to 37+50	Install 12" to 1+30; Install Duct Banks; Set up Temp Service North Side Bridge 30+00 to 37+50 & up Water St, Fill/ Flush/ Test & Chlorinate.	31 Install 12" to 0+10; 8" Branch to Spring St; Fill/Flush/ Hydrostatic Test & Chlorinate; Install Duct Bank; Temp Wtr Wtr/Vine St.; Temp wtr to lab.	Ö1

permit

Notes: Reset Granite Curb when doing services. Sidwarks at lawns as quantities

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4	U	1	3	

## August

The state of the s	7 (0) 5 00 0			
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
28	29	30	31	01 Install Duct Bank; Temp Water Vine St. Fill & chlorinate temp water; Temp Paving; Water Samples to lab.
04	05	06	07	08
Install Duct Bank; 12" & Temp Water samples to Lab.	Install Duct Bank; Connect Spring St & End of line; 12" Main 30+00 to 30+50; Service Lines 291/341 So. Main; Temp Wtr to lab.	Install Duct Bank; 12" Main 30+00 to 30+50; Service Lines 342/349/ 354 So. Main.	Install Duct Bank; 12" Main to 33+00; Fill/ Flush/Test/Chlorinate to 33+00; Service Lines 391/404/ 421 So. Main.	Finish Duct Bank; Install Hyd 32+35; Fill/ Flush, Test & chlorinate to 33+00; Temp paving.
11	12	13	14	15
8" Main Water St;	8" Main Water St;	12" Main to 34+75;	12" Main to 35+90;	Tie in Water St;
Service Lines 423/434/443 So. Main;	Fill/ Flush/Test/Chlorinate; Service Lines 454/455/478	Temp Pave So. Main; Service line 73 No. Main;	Service lines to 108/112 No. Main; Water samples	Double Serivce lines west of 127 No. Main;
Water Samples to lab.	So. Main; Water Samples to lab.	Water samples to lab.	to lab,	Temp paving.
18	19	20	21	22
12" Main to 38+20; Fill/ Flush/ Chlorinate to	Concrete Road Removal South Main;	Concrete Road Removal South Main;	Road Removal So. Main; 6" tie ins at 34+90 &	Concrete Road Removal South Main;
37+50; Service to127 No. Main & 6" tie in on Water St.	8" branch & hyd. on Vine St. Fill/Flush/Test/Chlorinate;	Set up Temp Water to end of line 45+57; Water Samples to lab	36+55; Temp Water to 45+57, Fill/ Flush/Chlorinate;	Water samples to lab; Temp paving.
25	26	27	28	20
Concrete Road Removal South Main; Catch up on Temp paving; Water samples to lab	Fine Grade Full width So. Main for paving; Temp Water connections No. Main;	Fine Grade Full for paving; Temp water connections North Main;	Pave full width So. Main; 12" to 39+80.	29 Pave full width So. Main; Temp Paving; Cleanup for Labor Day weekend.
1	•			WCCRGIIG.

01

02

Notes: Reset Granite Curb when doing services. Sidwalks & lawns as quantities permit. Full width paving is where the concrete road was removed.

## 2025

# September

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
01 LABOR DAY HOLIDAY	02 12" to 40+40; Prep trenches So. Main	03 12" to 42+00; Prep trenches So. Main	04 12" to 43+60; Permanent trench paving	05 Permanent trench paving So. Main;
	for permanent paving.	for permanent paving	So. Main.	Temp Paving No. Main.
08 12" to 45+57 end of line; Install fire hydrants; Fill/Flush/Test/Chlorinate;	09 Set up Temp Water Prospect St; Water samples to lab.	10 Set up Temp Water Prospect St, Fill/Flush/Chlorinate; Water samples to lab.	11 Services to 220/250/258 No. Main St; Setup Temp Water Prospect St; Water samples to lab.	12 6" Water connection No. Main; Temp Water Prospect; Temp paving; Water samples to lab.
15 1" & 3/4" water service No. Main; Temp Pave No. Main; 12" Main on Prospect to 46+60 & Hydrant.	<b>16</b> 12" Main to 48+20	<b>17</b> 12" Main to 49+80	18 12" main to 51+40	19 12" Main to 53+80; Fill Main/Flush/Test/ Chlorinate; Temp paving.
22 12" Main to 54+40; Fill/Flush/Test/Chlorinate; Water sample to lab.	23 12" Main to 56+00; Water samples to lab.	24 12" Main to 57+60; Services to 45/50/55 Prospect St; Water sample to lab.	25 Tie in Higland Ave & Highland Hyd; Services 69/66 Prospect.	26 Finish Highland Ave & Tie in 6" @ Sta 54+40; Temp paving.
29 12" Main to 58+60; Services 84/91 Prospect.	30 12" Main to 61+20; Services 116 Prospect/143 Highland.	01 12" to 62+80; Fill/Flush/Test/Chlorinate; Temp Water Hill St.	02 12" to 62+80; Temp Water Hill St; Water sample to lab.	Temp Water Hill St; Clear run to water tank; Temp paving;
06	07		when doing services. Sidwalks h lawns after sidewalks are do	

2025

## October

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
29	30	01	02	03
		12" to 62+80;	12" to 62+80;	Temp Water Hill St;
		Fill/Flush/Test/Chlorinate;	Temp Water Hill St;	Clear run to water tank;
		Temp Water Hill St.	Water sample to lab.	Temp paving;
				Water sample to lab.
06	07	08	09	10
Clear & Grub run to tank;	Finish clearing & grubbing;	12" to 62+80;	12" to Vault & fill line to	12" to 63+90;
Temp water Hill St.	12" to 63+40	Fill/Flush/Test/Chlorinate;	vault flush, test &	Temp paving;
		Service to 37 Byam Hill.	chlorinate; Water	Water samples to lab.
		•	sample to lab.	, , , , , , , , , , , , , , , , , , , ,
13	14	15	16	17
Clean up Vault area,	12" to 65+40;	12" to end, 66+58;	General cleanup, seed &	General cleanup, seed &
conduit, rehab lawn, etc;	Services 27/53/68 Hill St.	Fill	mulch steep slope;	mulch steep slope;
Services 14/30 Hill St.		line/flush/test/chlorinate;	Service to 106 Hill St.	Temp paving;
		Services 79/74 Hill Street.	Water sample to lab.	Water sample to lab.
20	21	22	23	24
Punch list	Punch list	Punch list	Punch list	Punch list.
27	20	20	20	24
Z1	28	29	30	31
03	04	Notes: Reset Granite Curb	when doing services. Sidwalk	s & lawns as quantities
			h lawns after sidewalks are d	-



## Memo



**To:** Meeting Attendees

From: Matthew Bissell

**Date:** July 10, 2025

Re: Water Storage Tank Replacement – Contract 2023-2 Monthly Meeting #4

The following are the minutes for the July 9, 2025 monthly meeting held at the Municipal Town office conference room at 10:00 AM for the Water Storage Tank Replacement, Contract 2023-2 project, RF3-483-3.0.

### The following individuals attended:

Individual	Representing
Jeff Schulz	Town of Northfield
Jim Russo	Town of Northfield
Bob Barbarisi	Preload
Cindy Parks	VT Water Investment Division
Allison Murphy	VT Water Investment Division
Matt Bissell	Dufresne Group
Tim Knapp (Via Teams)	Dufresne Group
Stephen Canon	Dufresne Group

- Stephen reviewed the RPR report, which is attached to these meeting minutes.
- Matt asked Preload for an update on the project schedule. Bob provided the following updates:
  - Champlain will finish fine grading of the tank subbase today and ready for Preload crew to begin tank construction.
  - Preload crew will finish the water main pipe encasement.
  - Bob will work to schedule Preload crew for tank construction as a crew becomes available, but it is uncertain at this time when that will be.
  - There will be at least 1 week of no activity on the construction site and potentially more, so Champlain will stabilize all disturbed areas.
  - Preload will request additional contract time for temporary project shutdown from the date Champlain de-mobilizes from site, and the date Preload crew mobilizes to site.
  - Preload will send an updated project schedule once the mobilization date is confirmed internally.
- Matt noted the contractor's monthly payment request has not been received to date.
   Bob to discuss internally if they will proceed with a payment request for the month of June, or wait until July 31'st.

- Matt reported that there are no outstanding field orders, change proposals, or work change directives to date. Change Order #4 associated with the additional clearing and grubbing based on new water main location has been sent to Preload and is awaiting signature.
- o RFIs: No pending RFIs since the last meeting.
- Shop Drawings:

Number	Description	Status		
SD-10B	Overflow and	Revise and Resubmit		
	Underdrain Headwall	<ul> <li>Not Correct Size</li> </ul>		

- AIS Certifications: None received to date.
- o Certified Payroll: None received for this pay period, these should be sent weekly.
- o The next scheduled monthly meeting is August 13, 2025, at 10:00 AM.
- Cindy expressed concerns that AIS certifications and Davis Bacon Certified Payroll's are falling behind. Cindy offered assistance to Champlain on these items if needed.

## **RPR Construction Progress Report**

Project:	Water Storage Tank Replacement				Contract:	2023-2			
Owner:	Town of Northfield, VT			Funding:	SRF				
Contractor:	Preloa	Preload			Date:	7/9/2025			
Subcontractor(s): Champlain Construction									
Work Period:		6	/1/2025		to _		6/30/2025		_
Contract Cost/Tim	Contract Cost/Time Summary:								
Original Contract:	ie Juiiii	\$	2,250,01	0.00	0	riginal Contra	act Time:		210
Change Orders:		Ś	2,230,02	-		ctensions:			189
Total Contract:		\$ \$ \$	2,250,01	0.00		otal Contract	Time:		399
Completed to Date	۵.	\$	573,18			ompleted to		-	238
Percent Complete		<u> </u>	25%	-		ercent Comp			60%
r creent complete	•		2370		• •	creent comp			0070
Substantial Compl	etion:	De	cember 8, 2025		Fi	nal Completi	on:		anuary 7, 2026
Average Workford	:e/Equi	pment thi	is Period:						
Contractor Labor									
1 Super									
Subcontractor(s) L									
1 Super, 1 Foreman, 3 Operators									
Equipment									
2 Excavators, 1 Mini Excavator, 2 Volvo Rock trucks, 4 Utility Trucks, 1 Ingersol Rand Vibratory Roller									
2 EAGGVACOTS, & TAIRLE EAGGVACOT, 2 VOIVO TOOK G GOKS, 7 Octility Tracks, 1 Ingelsor Rand Vibratory Honer									
Work Completed this Period:									
Exploratory excavation of exsiting water main southwest of tank site.									
Exisiting watermain located, removed, and new watermain has been installed to supply tank with water.									
Subbase of water storage tank will be completed this week as Champlain is almost finished.									
Existing tank site has been leveled, seeded, hayed and stabilized.									
,,,,,									
Work in Progress:									
Water Storage tank subbase is almost completed. After subbase is graded all prelimary site construciton will be done.									
Site Stabilization									

Dufresne Group Page 1 of 1

## ATTENDANCE SHEET

## WATER STORAGE TANK REPLACEMENT CONTRACT 2023-2/ RF3-483-3.0 NORTHFIELD, VERMONT

## **MONTHLY MEETING**

DATE: July 9, 2025 at 10:00 AM

#	NAME:	REPRESENTATIVE OF:
1.	MATT BISSELL	D6
2.	Jeff Scholz.	Tuwn
3.	BOB BARBARISI	PRELOAD
4.	Stephen Carin	DG
5.	J.m Russo	Town
6.	ALUSON MURPHY	VT DEC WID
7.	Cindy Yarks	VT DEC WID
8.	TIM KNAPP (REMOTES)	P6
9.		
10.	412 VIII	
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## **MUNICIPAL OFFICES**

Town of Northfield, Vermont www.northfield-vt.gov



Phone 1-802-485-9822 Fax 1-802-485-8426

## 51 SOUTH MAIN STREET NORTHFIELD, VERMONT 05663

Water and Sewer Rate Increase, Effective July 1, 2025

Please note that the combined water and sewer rate for the period starting July 1, 2025, and as reflected in the enclosed water and sewer bill, is increasing by 2.65% for the average single-family residence.

The water and sewer rates are established by the Utility Commission through the Commission's annual budget process and the actual rates are approved by the Select Board based on the Commission's approved budget.

If you have any questions, please contact the Town Manager at 802-485-9822 or jschulz@northfield.vt.us.