



February 25, 2026

ADDENDUM 1 – JOB 24168

TO: All prospective bidders on Project NH-2-013(072)232, Job No. 24168 scheduled for the February 27, 2026 bid opening.

This addendum has been issued for the above referenced Job, Please see the attached summary from Chad Frisinger, P.E. dated February 25, 2026 for an explanation of changes.

This addendum is to be incorporated into the bidder's proposal for this project. If there are bid item changes the AASHTOWare Project Bids files should be updated by downloading the addendum file from the Bid Express on-line bidding exchange at <http://www.bidx.com/> and load it into the AASHTOWare Project Bids program.

Jeff Jirana

PHILLIP MURDOFF, P.E. – CONSTRUCTION SERVICES ENGINEER

80: jwj

Enclosure

PLAN ADDENDUM SUMMARY AND APPROVAL

Project Information		
Project: NH-2-013(072)232		PCN: 24168
Location: ND 13 in Wishek		
Date: 2/25/26	Lead Designer: Aaron Cook, P.E.	
Bid Opening Date: 02/27/26	JOB#: 24168	Addendum#: 1
Section	Sheet	Description of Change
140	13	Conduit Size changed from 1.5" to 2" and a note was added
140	14	Clarified the amperage of pole breakers

APPROVAL

Should the revisions described above be processed as a plan addendum?

Yes No

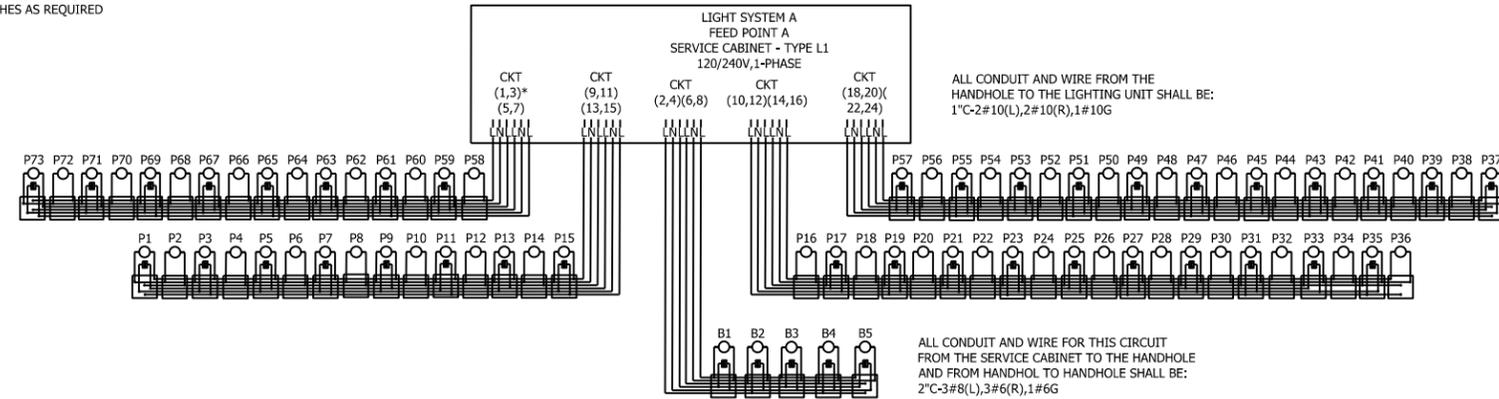
Chad Frisinger

for Kirk J. Hoff, P.E. – Design Engineer or

2/25/26

Date

NOTE:
 *20 AMP, 2 POLE BREAKER QUANTITY 10 TO FEED THE LIGHTS AND RECEPTACLES AS SHOWN.
 PROVIDE BREAKERS, RELAYS, LIGHTING CONTACTORS, BYPASS SWITCHES AS REQUIRED INSIDE SERVICE CABINET.



ALL CONDUIT AND WIRE FOR THIS CIRCUIT FROM THE SERVICE CABINET TO THE HANDHOLE AND FROM HANDHOLE TO HANDHOLE SHALL BE: 2" C-3#4(L), 3#1/0(R), 1#1/0G

ALL CONDUIT AND WIRE FOR THIS CIRCUIT FROM THE SERVICE CABINET TO THE HANDHOLE AND FROM HANDHOLE TO HANDHOLE SHALL BE: 2" C-3#4(L), 3#1/0(R), 1#1/0G

ALL CONDUIT AND WIRE FROM THE HANDHOLE TO THE LIGHTING UNIT SHALL BE: 1" C-2#10(L), 2#10(R), 1#10G

ALL CONDUIT AND WIRE FOR THIS CIRCUIT FROM THE SERVICE CABINET TO THE HANDHOLE AND FROM HANDHOLE TO HANDHOLE SHALL BE: 2" C-3#4(L), 3#1/0(R), 1#1/0G

ALL CONDUIT AND WIRE FOR THIS CIRCUIT FROM THE SERVICE CABINET TO THE HANDHOLE AND FROM HANDHOLE TO HANDHOLE SHALL BE: 2" C-3#4(L), 3#1/0(R), 1#1/0G

ALL CONDUIT AND WIRE FOR THIS CIRCUIT FROM THE SERVICE CABINET TO THE HANDHOLE AND FROM HANDHOLE TO HANDHOLE SHALL BE: 2" C-3#8(L), 3#6(R), 1#6G

ELECTRICAL CONTROL ZONES SHALL BE AS FOLLOWS:
 ZONE 1: THE FIXTURES ON LIGHTING UNITS P1-P73 AND THE FIXTURES ON THE BOLLARD B1-B5 SHALL BE CONTROL FROM DUSK TO DAWN USING THE PHOTOCELL. A BYPASS SWITCH SHALL BE PROVIDED TO MANUAL TURN ON JUST THIS ZONE FOR TESTING AND SHALL BYPASS THE PHOTOCELL TO TURN THE LIGHTS ON.

ZONE 2: THE RECEPTACLES ON LIGHTING UNITS P1-P73 SHALL BE CONTROLLED FROM DUSK TO DAWN USING THE PHOTOCELL. A SECOND BYPASS SWITCH SHALL BE PROVIDED TO MANUAL TURN ON JUST THIS ZONE AND SHALL BYPASS THE PHOTOCELL TO TURN THESE RECEPTACLES ON CONTINUOUSLY.

ZONE 3: THE RECEPTACLES ON BOLLARDS B1-B5 SHALL BE CONTROLLED FROM DUSK TO DAWN USING THE PHOTOCELL. A THIRD BYPASS SWITCH SHALL BE PROVIDED TO MANUAL TURN ON JUST THIS ZONE AND SHALL BYPASS THE PHOTOCELL TO TURN THESE RECEPTACLES ON CONTINUOUSLY.

FIXTURE TAG	DESCRIPTION	MANUFACTURER	BASIS OF DESIGN	HOUSING	DISTRIBUTION	LENS	OPTICS	BALLAST/ DRIVER	VOLTAGE	WATTS	LAMP TYPE	MOUNTING	LISTING	FINISH
B	3" BOLLARD	LIGMAN LIGHTING OR EQUAL	ULW-10874 OR EQUAL	GLOW WINDOW ROUND		ACRYLIC LENS		LED DRIVER, SURGE PROTECTION	120-277 VOLT	27 WATTS	475 LUMENS, 4,000K LED CRI > 80			FINISH SELECTED DURING SHOP DRAWINGS FROM STANDARD OPTIONS
P	ROADWAY LIGHT	GALLERY OR EQUAL	GL1970 LARGE OR EQUAL	CAST ALUMINUM	T3	CLEAR ACRYLIC FLAT LENS	TYPE 3	LED DRIVER, SURGE PROTECTION	120-277 VOLT	62.1 WATTS	6,468 LUMENS, 4,000K ?CRI	POLE MOUNTED	cULus LISTED	FINISH SELECTED DURING SHOP DRAWINGS FROM STANDARD OPTIONS

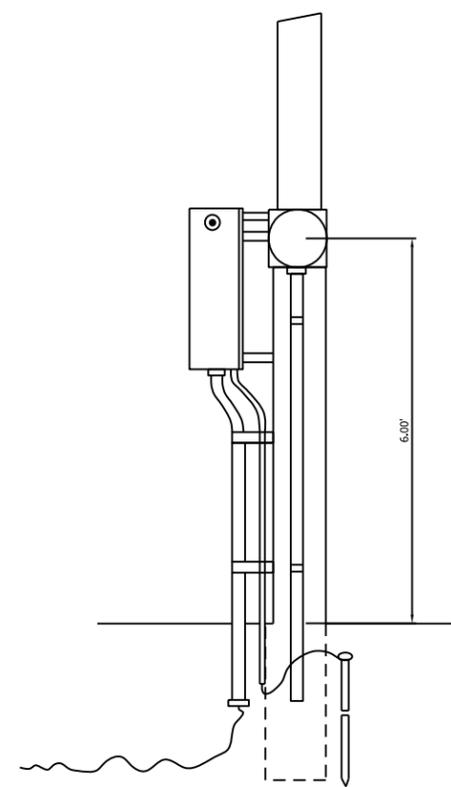
Item	Qty	Unit
LIGHTING UNIT BOLLARD, TYPE B1	5	EA
LIGHTING UNIT (LIGHT POLE AND LUMINAIRE), TYPE P1	73	EA
CONCRETE BASE	78	EA
UNDERGROUND WIRE, #10 AWG WIRE	7800	LF
UNDERGROUND WIRE, #8 AWG WIRE	2100	LF
UNDERGROUND WIRE, #6 AWG WIRE	2800	LF
UNDERGROUND WIRE, #4 AWG WIRE	36000	LF
UNDERGROUND WIRE, #2 AWG WIRE	60	LF
UNDERGROUND WIRE, 1/0 AWG WIRE	48000	LF
1" NON-METALLIC CONDUIT	1600	LF
2" NON-METALLIC CONDUIT	13000	LF
2" NON-METALLIC CONDUIT	20	LF
SERVICE CABINET	1	EA
EQUIPMENT PAD	1	EA
HANDHOLE	42	EA

Light Pole	Station	Offset									
P1	12288+86	22' R	P21	12318+96	30' R	P41	12333+94	31' L	P61	12305+19	25' L
P2	12290+33	22' R	P22	12319+83	22' R	P42	12332+81	31' L	P62	12303+68	25' L
P3	12291+62	22' R	P23	12321+39	22' R	P43	12331+26	31' L	P63	12302+20	25' L
P4	12293+48	31' R	P24	12322+51	22' R	P44	12329+68	25' L	P64	12301+27	32' L
P5	12294+86	22' R	P25	12324+07	22' R	P45	12328+28	24' L	P65	12299+77	25' L
P6	12296+46	23' R	P26	12325+61	22' R	P46	12326+88	24' L	P66	12297+57	33' L
P7	12297+88	29' R	P27	12326+23	30' R	P47	12325+57	24' L	P67	12296+46	29' L
P8	12299+78	22' R	P28	12328+28	23' R	P48	12324+07	24' L	P68	12294+86	27' L
P9	12300+61	22' R	P29	12329+63	22' R	P49	12322+62	33' L	P69	12293+46	32' L
P10	12302+20	23' R	P30	12331+27	22' R	P50	12321+39	25' L	P70	12291+63	26' L
P11	12303+68	23' R	P31	12332+81	22' R	P51	12319+83	24' L	P71	12290+63	27' L
P12	12305+19	23' R	P32	12333+94	23' R	P52	12318+86	28' L	P72	12288+86	19' L
P13	12306+76	23' R	P33	12335+50	22' R	P53	12316+51	24' L	P73	12287+85	19' L
P14	12307+95	23' R	P34	12336+84	22' R	P54	12315+31	24' L			
P15	12309+65	23' R	P35	12338+43	22' R	P55	12314+09	24' L			
P16	12311+00	24' R	P36	12340+10	22' R	P56	12312+27	31' L			
P17	12312+27	32' R	P37	12340+10	32' R	P57	12311+00	24' L			
P18	12314+08	29' R	P38	12338+43	31' L	P58	12309+65	25' L			
P19	12315+43	31' R	P39	12336+80	31' L	P59	12307+91	24' L			
P20	12317+11	26' R	P40	12335+50	31' L	P60	12306+71	25' L			

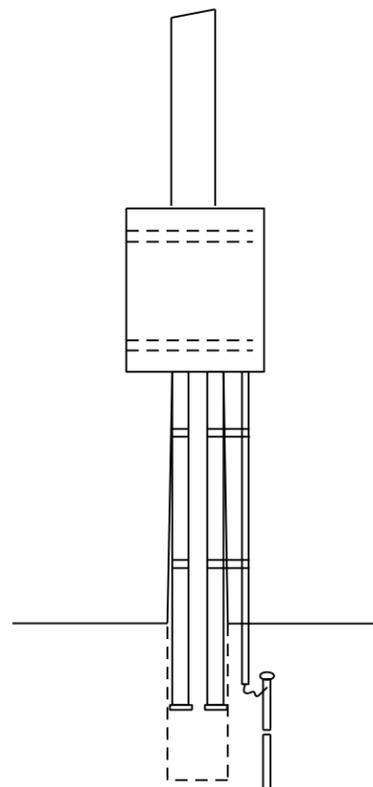
Note: These items will not be paid separately but will be included in the price bid for the pay item "Lighting System"

Lighting Detail	
ND 13 - Wishek Mill & Overlay, ADA Ramps, Sidewalk, & Lighting	

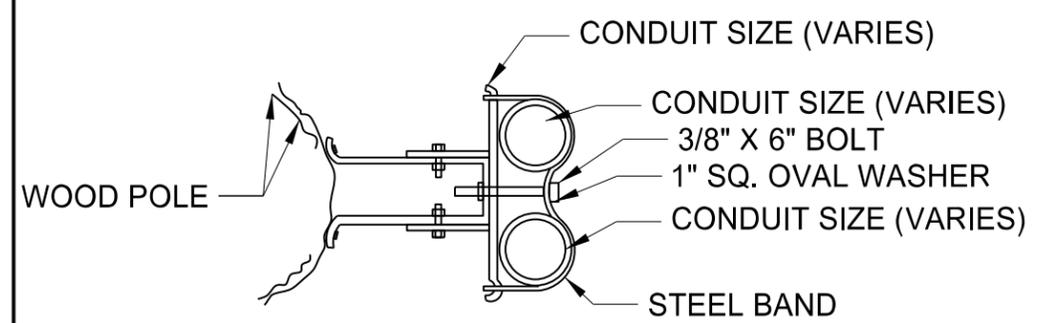
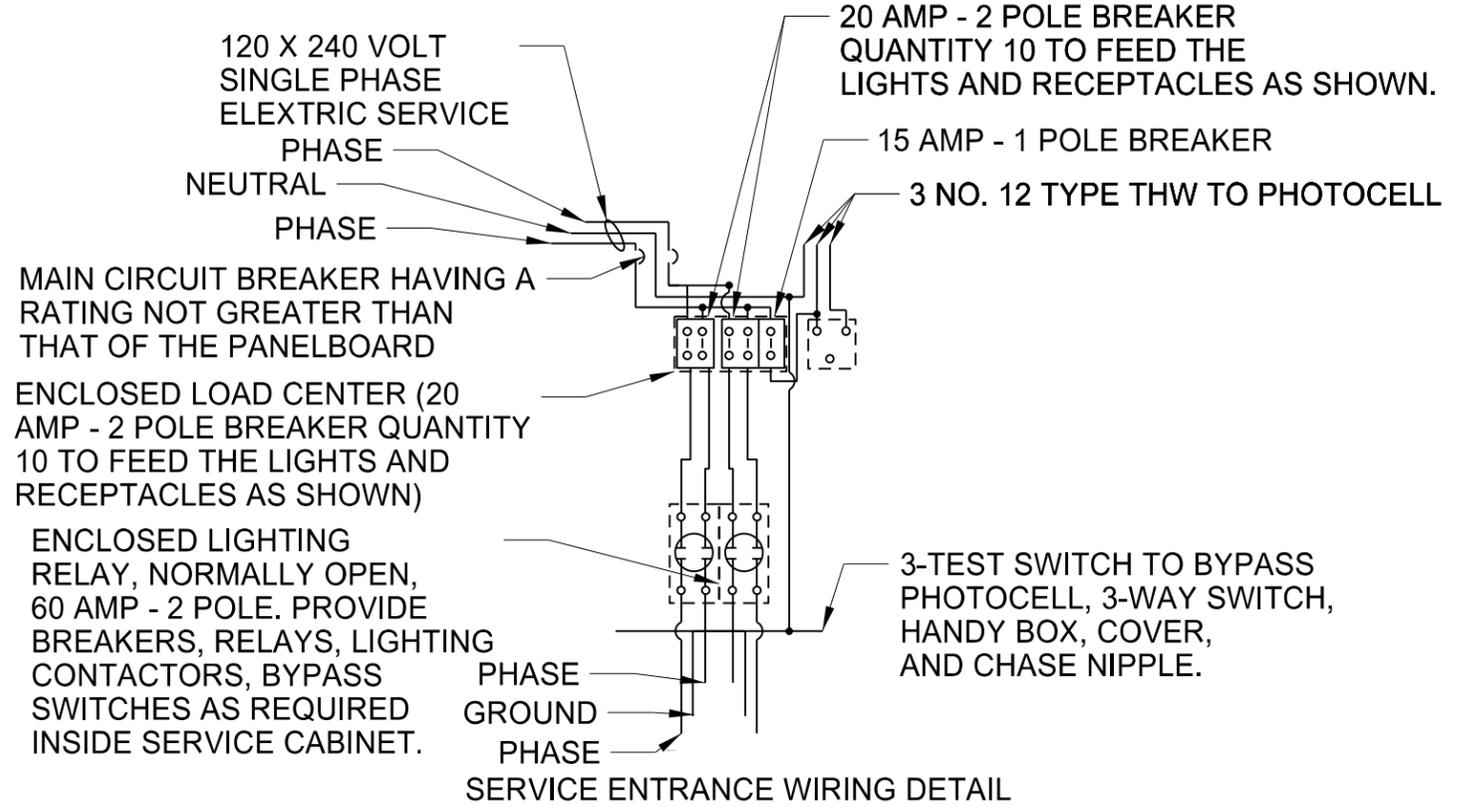
	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	NH-2-013(072)232	140	14



FEED POINT ELEVATION VIEW



FEED POINT SIDE VIEW

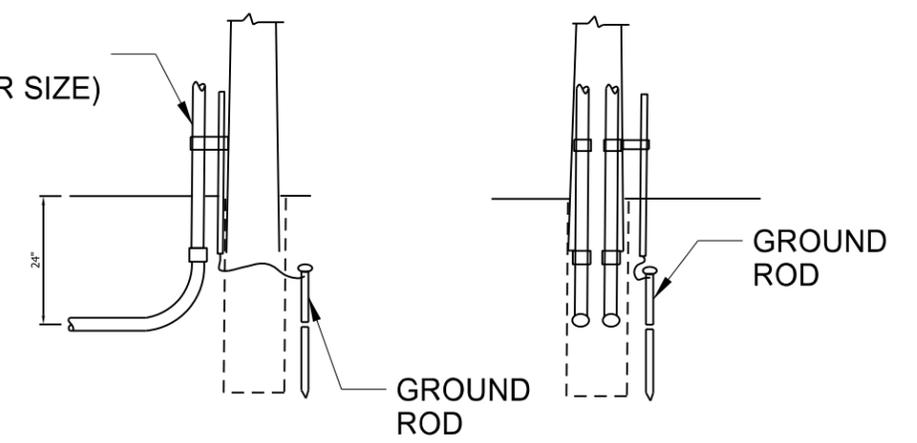


STEEL BAND APPROX. 2' LONG

WOOD POLE FASTENER DETAIL

NOTE: PROVIDE STANDARD SERVICE CABINET MODIFIED AS SHOWN FOR CIRCUITING AND CONTROL REQUIREMENTS.

RIGID CONDUIT (SEE PLANS FOR SIZE)



SERVICE ENTRANCE CONDUIT AND GROUNDING ROD DETAIL

Lighting Detail

ND 13 - Wishek
Mill & Overlay, ADA Ramps, Sidewalk, & Lighting

