

March 19, 2025

ADDENDUM 1 – JOB 23802

TO: All prospective bidders on Projects IM-2-094(198)304, Job No. 23802 scheduled for the March 21, 2025 bid opening.

The following revision(s) shall be made:

Plan Revisions:

See attached summary from Kirk J. Hoff, P.E. dated March 19, 2025 for an explanation.

This addendum is to be incorporated into the bidder's proposal for this project.



PHILLIP MURDOFF, P.E. – CONSTRUCTION SERVICES ENGINEER

80: jwj

Enclosure

PLAN ADDENDUM SUMMARY AND APPROVAL

PROJECT INFORMATION			
Project:	IM-2-094(198)304	PCN:	23802
Location:	I-94 Oriska Rest Area		
Date:	3/19/25	Lead Designer:	Bartlett & West
Bid Opening Date:	3/21/25	JOB#:	23802
		Addendum#:	1

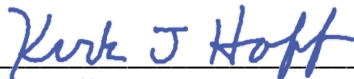
PLAN SHEET CHANGES		
Section	Sheet	Description
140	2	Changed all feeder conduit size to 2"
140	3	Changed all feeder conduit size to 2"
140	4	Changed all feeder conduit size to 2" removed unnecessary columns and recalculated totals. Added Column for Conduit 2".
140	5	Removed 1" Rigid Conduit Trenched row and corrected quantities.

CHANGES MADE TO BID ITEMS FOR JOB					
Spec	Code	Description	Unit	Previous Quantity	Revised Quantity

APPROVAL

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

 X Yes No



 Kirk J. Hoff, P.E. – Design Engineer

3/19/2025

 Date

LIGHTING AND ELECTRICAL QUANTITIES SCHEDULE									
CIRCUIT	FROM - TO	CENTER TO CENTER	CABLE 6 AWG, 2 CONDUCTORS & 1 BARE NEUTRAL (LF)	CABLE 8 AWG, 2 CONDUCTORS & 1 BARE NEUTRAL (LF)	CABLE 3 AWG, 2 CONDUCTORS & 1 BARE NEUTRAL (LF)	2" CONDUIT (LF)	TYPE 1 TRENCHING (LF)	CABLE 10 AWG 1 CONDUCTOR POWER (LF)	NOTES
1,2,3,4	P1 - JB9	100	105	105	105	100	100		
1,2,3,4	JB9 - JB10	215		220	220	215	215		
1	JB9 - PS1-1-3	135	140	140		135	135	120	
1	PS1-1-3 - PS1-1-4	150	155			150	150	120	
1	PS1-1-4 - PS1-1-5	150	155			150	150	120	
1	PS1-1-5 - JB2	150	155			150	150	120	
1	JB2 - PS1-1-6	150	155			150	150	120	
1	PS1-1-6 - JB3	160	165			160	160	120	
1	JB3 - PS1-1-7	10	15			10	10		
1	PS1-1-3 - PS1-1-2	150	155	155		150	150		
1	PS1-1-2 - PS1-1-1	150	155	155		150	150	120	
2	PS1-1-1 - JB1	30	35	35		30	30	120	
2	JB1 - PS1-2-1	120		125		120	120		
2	PS1-2-1 - JB4	25		30		25	25	120	
2	JB4 - PS1-2-2	120		125		120	120	120	
2	PS1-2-2 - PS1-2-3	150		155		150	150	120	
2	PS1-2-3 - PS1-2-4	150		155		150	150	120	
2	PS1-2-4 - PS1-2-5	150		155		150	150	120	
2	PS1-2-5 - PS1-2-6	150		155		150	150	120	
2	JB4 - PS1-2-7	120		125		120	120	120	
2	PS1-2-7 - PS1-2-8	150		155		150	150	120	
2	PS1-2-8 - PS1-2-9	150		155		150	150	120	
2	PS1-2-9 - PS1-2-10	150		155		150	150	120	
2	PS1-2-10 - PS1-2-11	390		395		390	390		
3	JB10 - JB6	120		125	125	120	120	120	
3	JB6 - PS1-3-2	150		155	155	150	150		
3	PS1-3-2 - PS1-3-1	150		155	155	150	150		
3	PS1-3-2 - PS1-3-3	150			155	150	150		
3	PS1-3-3 - PS1-3-4	150			155	150	150	120	
3	PS1-3-4 - PS1-3-5	150			155	150	150	120	
3	PS1-3-5 - PS1-3-6	150			155	150	150	120	
3	PS1-3-6 - PS1-3-7	150			155	150	150	120	
3	PS1-3-7 - PS1-3-8	150			155	150	150	120	
3	PS1-3-8 - PS1-3-9	80			85	80	80	120	
3	JB10 - PS1-3-10	20			25	20	20		
3	PS1-3-10 - PS1-3-11	150			155	150	150	120	
3	PS1-3-11 - PS1-3-12	150			155	150	150	120	
3	PS1-3-12 - PS1-3-13	150			155	150	150	120	
3	PS1-3-13 - PS1-3-14	150			155	150	150	120	
3	PS1-3-1 - PS1-4-1	150		155		150	150	120	
4	PS1-4-1 - PS1-4-2	150		155		150	150	120	
4	PS1-4-2 - JB5	25		30		25	25	120	
4	JB5 - PS1-4-3	125		130		125	125	120	
4	PS1-4-3 - PS1-4-4	150		155		150	150	120	
4	PS1-4-4 - PS1-4-5	150		155		150	150	120	
4	PS1-4-5 - JB7	150		155		150	150	120	
4	JB7 - PS1-4-6	20	25	25		20	20	120	
4	PS1-4-6 - JB8	150	155	155		150	150		
4	JB8 - PS1-4-7	15	20	20		15	15		
	TOTAL:		1590	4265	2420	3310	3310	4440	
	USE:		1600	4300	2600	3400	3400	4600	

NOTES:
1. COORDINATE WITH UTILITY FOR EXACT LOCATION AND LENGTH OF FEEDERS AND CONDUIT.
GENERAL NOTE: CONTRACTOR HAS OPTION TO USE SINGLE CONDUCTORS IN CONDUIT OR MULTIPLE UNDERGROUND CABLE WITHOUT CONDUIT.

Lighting Schedules

I-94 Oriska Rest Area

Ramp Improvements
Parking Improvements



LIGHT POLES AND APPURTENANCES							
POLE NUMBER	CIRCUIT NUMBER	STATION	OFFSET	LED - A 150 WATT (EACH)	BRACKET ARM 8 FT. (EACH)	TYPE AT - 30 FT LIGHTING POLE (EACH)	BREAKAWAY POLE FOUNDATION 30 FT M.H. (EACH)
PS1-1-1	1	16+50.77	36.89 RT	1	1	1	1
PS1-1-2	1	15+0.00	38.65 RT	1	1	1	1
PS1-1-3	1	13+50.68	36.89 RT	1	1	1	1
PS1-1-4	1	12+0.00	27.64 RT	1	1	1	1
PS1-1-5	1	10+48.28	27.00 RT	1	1	1	1
PS1-1-6	1	8+90.75	12.92 LT	1	1	1	1
PS1-1-7	1	7+11.91	11.31 LT	1	1	1	1
PS1-2-1	2	17+99.58	28.20 RT	1	1	1	1
PS1-2-2	2	19+49.68	29.91 RT	1	1	1	1
PS1-2-3	2	20+99.66	28.22 RT	1	1	1	1
PS1-2-4	2	22+49.71	29.98 RT	1	1	1	1
PS1-2-5	2	23+99.72	28.1 LT	1	1	1	1
PS1-2-6	2	25+39.78	30.23 RT	1	1	1	1
PS1-2-7	2	18+46.44	91.15 LT	1	1	1	1
PS1-2-8	2	19+96.35	95.45 LT	1	1	1	1
PS1-2-9	2	21+46.17	91.29 LT	1	1	1	1
PS1-2-10	2	22+93.16	62.26 LT	1	1	1	1
PS1-2-11	2	26+83.14	12.00 LT	1	1	1	1
PS1-3-1	3	23+78.00	41.37 LT	1	1	1	1
PS1-3-2	3	22+28.20	36.28 LT	1	1	1	1
PS1-3-3	3	20+78.28	34.42 LT	1	1	1	1
PS1-3-4	3	19+23.39	32.53 LT	1	1	1	1
PS1-3-5	3	17+78.36	34.26 LT	1	1	1	1
PS1-3-6	3	16+28.40	32.08 LT	1	1	1	1
PS1-3-7	3	14+76.69	32.00 LT	1	1	1	1
PS1-3-8	3	13+27.81	32.00 LT	1	1	1	1
PS1-3-9	3	12+49.26	32.00 LT	1	1	1	1
PS1-3-10	3	21+42.70	81.06 RT	1	1	1	1
PS1-3-11	3	19+80.07	89.33 RT	1	1	1	1
PS1-3-12	3	18+28.84	84.52 RT	1	1	1	1
PS1-3-13	3	16+82.82	47.82 RT	1	1	1	1
PS1-3-14	3	11+41.58	10.00 RT	1	1	1	1
PS1-4-1	4	25+28.06	39.55 LT	1	1	1	1
PS1-4-2	4	26+77.99	39.14 LT	1	1	1	1
PS1-4-3	4	28+29.99	40.38 LT	1	1	1	1
PS1-4-4	4	29+76.58	55.20 LT	1	1	1	1
PS1-4-5	4	31+29.82	35.93 LT	1	1	1	1
PS1-4-6	4	32+79.25	6.58 RT	1	1	1	1
PS1-4-7	4	34+51.90	4.55 RT	1	1	1	1
				39	39	39	39

LIGHTING FIXTURE SCHEDULE						
MARK	MANUFACTURER	CATALOG NUMBER	MOUNTING	LAMP		NOTES
			POLE	TYPE	WATTS	
A	ACUITY	ATB0-P302-MVOLT-R3-X	X	LED	83	1,2,3,4
NOTES: 1. E/C TO PROVIDE 30'-0" POLE PER NDDOT REQUIREMENTS. 2. E/C TO VERIFY FIXTURE AND POLE FINISH PER NDDOT REQUIREMENTS. 3. E/C TO PROVIDE 8'-0" BRACKET ARM. 4. EQUIVALENT MANUFACTURERS ARE CREE LIGHTING AND LEOTEK.						

PULL BOX SCHEDULE W/ TYPE II DRAIN				
PULL BOX NUMBER	STATION	OFFSET	TYPE I CONCRETE STANDARD PULL BOX EACH	TYPE II PREFORMED CLASS 2 PULL BOX EACH
JB1	16+0.00	36.22 RT		1
JB2	9+10.00	10.25 LT	1	
JB3	7+25.67	7.01 LT	1	
JB4	18+25.32	30.78 RT		1
JB5	27+00	38.50 LT		1
JB6	22+10.90	35.33 LT		1
JB7	32+62.83	9.00 RT	1	
JB8	34+36.41	2.98 RT	1	
JB9	FIELD VERIFY	FIELD VERIFY	1	
JB10	20+54.66	76.33 RT	1	
TOTAL			6	4

ID NO	SUMMARY OF ELECTRIC LIGHTING SYSTEM QUANTITIES (HARDWARE)		
	Item	Unit	Quantity
1	Type 1 Junction Box	EA	6
2	Type 2 Junction Box	EA	4
3	Light Pole - 30 Ft.	EA	39
4	LED Fixture "A"	EA	39
5	Light Pole Bracket Arm - 8 Ft.	EA	39
6	Breakway Pole Base	EA	39
7	2" Rigid Conduit Trenched	LF	3,400
8	Cable 3 AWG 2 Conductor with Bare Neutral Power	LF	2,600
9	Cable 6 AWG 2 Conductor with Bare Neutral Power	LF	1,600
10	Cable 8 AWG 2 Conductor with Bare Neutral Power	LF	4,300
11	Pole Cable 10 AWG 1 Conductor	LF	4,600
12	10 Ft. Ground Rod	EA	39
13	30 Ft Pole Foundation	EA	39
14	Trenching/Backfill	LF	3,400

Lighting Schedules

I-94 Oriska Rest Area

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