STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

D11-LG-FY2026

LIGHTING MAINTENANCE CONTRACT

BELMONT, CARROLL, COLUMBIANA, HARRISON, HOLMES, JEFFERSON, AND TUSCARAWAS COUNTIES

SEE PAGES P.02 - P.08

LOCATION MAP

LATITUDE: 40°27'19" LONGITUDE: 81°24'29"

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FEDERAL PROJECT NUMBER

NON-FEDERAL

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

DISTRICT-WIDE HIGHWAY LIGHTING AND MAINTENANCE CONTRACT.

THIS PROJECT INCLUDES UPGRADING ALL REMAINING HIGH-PRESSURE SODIUM (HPS) FIXTURES IN DISTRICT 11 TO LIGHT EMITTING DIODES (LED) FIXTURES.

THIS PROJECT WILL ALSO INSTALL HIGHWAY LIGHTING AT THE US 250/SR 151 PARK & RIDE IN HARRISON COUNTY.

THIS PROJECT WILL ALSO REPLACE 14 MEDIAN-MOUNTED CONVENTIONAL LIGHT POLES ALONG JEF US 22/SR 7.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	0.3 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	0 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	N/A (NOI NOT REQUIRED)*

*ROUTINE MAINTENANCE PROJECT

LIMITED ACCESS

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE OHIO REVISED CODE.

2023 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND CHANGES LISTED IN THE PROPOSAL, SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THESE IMPROVEMENTS WILL NOT REQUIRE THE CLOSING OF THE HIGHWAYS TO TRAFFIC AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH IN THE PLANS AND ESTIMATES.

Thomas D. Corey
District 11 Deputy Director

Pamela Boratyn
Director, Department of Transportation

DESIGN EXCEPTIONS

NONE REQUIRED

ADA DESIGN WAIVERS

NONE REQUIRED

UNDERGROUND UTILITIES
Contact Two Working Days Before You Dig
OHIO811.org Before You Dig
OHIO811. 8-1-1. or 1-800-362-2764
(Non members must be called directly)

PLAN PREPARED BY:
ODOT DISTRICT 11
ENGINEERING

STANDARD CONSTRUCTION DRAWINGS								SUPPLEMENTAL SPECIFICATIONS		SPECIAL PROVISIONS
DM-4.3	1/15/16	HL-10.12	7/21/23	MT-95.30	7/19/19	TC-21.21	1/20/23	800-2023	1/17/25	
DM-4.4	1/15/16	HL-10.13	1/20/23	MT-95.31	7/19/19	TC-22.10	1/17/25	813	7/21/23	
		HL-20.11	7/21/23	MT-97.10	4/19/19	TC-41.20	10/18/13	821	4/20/12	
		HL-20.13	1/17/25	MT-98.10	1/17/20	TC-42.20	10/18/13	825	7/19/24	
		HL-30.11	7/21/23	MT-98.11	1/17/20	TC-52.10	10/18/13	832	7/19/24	
		HL-30.21	4/17/20	MT-98.20	4/19/19	TC-52.20	1/15/21	913	4/16/21	
		HL-30.22	1/17/25	MT-98.22	1/17/20	TC-81.11	1/19/24	921	7/19/24	
		HL-40.10	7/19/24	MT-98.28	1/17/20	TC-83.10	1/17/20			
		HL-50.11	1/16/15	MT-101.90	7/17/20	TC-83.20	7/19/24			
		HL-60.11	7/21/17	MT-105.10	1/17/20	TC-84.20	1/19/24			
		HL-60.12	7/21/23			TC-84.21	10/18/13			
		HL-60.31	7/19/24							

ENGINEER'S SEAL

STATE OF OHIO
DAVID ADAM HOFFMAN
E-79007
REGISTERED
PROFESSIONAL ENGINEER

dhoffma1 Digitally signed by dhoffma1 Date: 2025.06.25 08:16:56-04'00'

TITLE SHEET

DESIGN AGENCY

DESIGNER RDA
REVIEWER DAH 03/04/25
PROJECT ID 112649
SHEET P.01 TOTAL 30

D11-LG-FY2026

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SHEET NUMBER								PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
		P.12	P.13			P.27	P.30	01/SAF/21						
													LIGHTING	
								82	625	98000	82	EACH	LIGHTING, MISC.: ANNUAL OPERATION AND INSPECTION OF TOWER LIGHTING DEVICES	P.15
								1	625	98000	1	EACH	LIGHTING, MISC.: DISCONNECT SWITCH WITH ENCLOSURE, 60 AMP	P.16
								1	625	98000	1	EACH	LIGHTING, MISC.: DISCONNECT SWITCH WITH ENCLOSURE, 100 AMP	P.16
								2	625	98000	2	EACH	LIGHTING, MISC.: DISCONNECT SWITCH, 30 AMP	P.16
								2	625	98000	2	EACH	LIGHTING, MISC.: DISCONNECT SWITCH, 60 AMP	P.16
								2	625	98000	2	EACH	LIGHTING, MISC.: DISCONNECT SWITCH, 100 AMP	P.16
								2	625	98000	2	EACH	LIGHTING, MISC.: H.O.A. SWITCH	P.16
								1	625	98000	1	EACH	LIGHTING, MISC.: LIGHTNING ROD REPAIR	P.14
								3	625	98000	3	EACH	LIGHTING, MISC.: LIGHTNING SURGE ARRESTOR SYSTEM REPAIR	P.14
								3	625	98000	3	EACH	LIGHTING, MISC.: PHOTO-CELL TRANSFORMER, 0.75 kVA	P.15
								2	625	98000	2	EACH	LIGHTING, MISC.: REMOVE AND REERECT STANDING LIGHT POLE ON A NEW BASE	P.12
								10	625	98000	10	EACH	LIGHTING, MISC.: TOWER LIGHTING CONNECTORS	P.15
								1,500	625	98100	1,500	FT	LIGHTING, MISC.: REMOVING CABLE IN EXISTING DUCT OR CONDUIT	P.15
								100	625	98700	100	HOUR	LIGHTING, MISC.: LOCATING AND MARKING UNDERGROUND WIRE	P.16
								200	625	98700	200	HOUR	LIGHTING, MISC.: TROUBLESHOOTING UNDERGROUND AND ABOVE GROUND CIRCUITRY PROBLEM	P.15
													LIGHTING	
													US 250 AND SR 151 PARK AND RIDE	
						8		8	625	00450	8	EACH	CONNECTION, FUSED PULL APART	
						6		6	625	00480	6	EACH	CONNECTION, UNFUSED PERMANENT	
						4		4	625	10490	4	EACH	LIGHT POLE, CONVENTIONAL, DESIGN AT8B32.5	
						4		4	625	14000	4	EACH	LIGHT POLE FOUNDATION, 24" X 6' DEEP	
						380		380	625	29000	380	FT	TRENCH	
						324		324	625	23400	324	FT	NO. 10 AWG POLE AND BRACKET CABLE	
						420		420	625	24320	420	FT	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES	
						4		4	625	26253	4	EACH	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, IES-II-M, LED, 12073-14754 LUMENS	P.26
						1		1	625	30700	1	EACH	PULL BOX, 725.08, 18"	
						5		5	625	32000	5	EACH	GROUND ROD	
						1		1	625	34001	1	EACH	POWER SERVICE, AS PER PLAN (B)	P.26
						380		380	625	36010	380	FT	UNDERGROUND WARNING/MARKING TAPE	
						1		1	625	76000	1	EACH	ARC FLASH CALCULATIONS AND LABEL, (U.S. 250 & S.R. 151 PARK AND RIDE)	
													LIGHTING	
													JEF US 22/SR 7	
							28	28	625	00470	28	EACH	CONNECTION, UNFUSED BOLTED	
							2	2	625	00480	2	EACH	CONNECTION, UNFUSED PERMANENT	
							14	14	625	10491	14	EACH	LIGHT POLE, CONVENTIONAL, AS PER PLAN, DESIGN A6BB45	P.29
							6,543	6,543	625	23200	6,543	FT	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE	
							1,428	1,428	625	23400	1,428	FT	NO. 10 AWG POLE AND BRACKET CABLE	
							6,543	6,543	625	25910	6,543	FT	CONDUIT CLEANED AND CABLES REMOVED	
							28	28	625	26253	28	EACH	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, IES-II-M, LED, 22000-25052 LUMENS	P.29
							14	14	625	32000	14	EACH	GROUND ROD	
							14	14	625	39520	14	EACH	PULL BOX CLEANED	
							LS	LS	SPECIAL	62540000	LS		MAINTAIN EXISTING LIGHTING	P.29
							10	10	625	75400	10	EACH	LIGHT POLE REMOVED	
							20	20	625	75506	20	EACH	LUMINAIRE REMOVED	
							2	2	625	75801	2	EACH	DISCONNECT CIRCUIT, AS PER PLAN	P.29
													MAINTENANCE OF TRAFFIC	
			50					50	614	11110	50	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
													INCIDENTALS	
		LS						LS	614	11000	LS		MAINTAINING TRAFFIC	
								LS	624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY

DESIGNER RDA

REVIEWER DAH 03/04/25

PROJECT ID 112649

SHEET P.20 TOTAL 30

D11-LG-FY2026

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REFERENCE NO.	COMMENT	STATION	DISCONNECT CIRCUIT, AS PER PLAN	PULL BOX CLEANED	CONDUIT CLEANED AND CABLES REMOVED	LIGHT POLE REMOVED	LUMINAIRE REMOVED		CONNECTION, UNFUSED BOLTED	CONNECTION, UNFUSED PERMANENT	GROUND ROD	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), IES-II-M, LED, 22000-25052 LUMENS, AS PER PLAN	LIGHT POLE, CONVENTIONAL, DESIGN A6BB45, AS PER PLAN	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE	NO. 10 AWG POLE AND BRACKET CABLE	MAINTAIN EXISTING LIGHTING	
			625													SPECIAL	
			EACH	EACH	FT	EACH	EACH		EACH	EACH	EACH	EACH	EACH	FT	FT	LS	
EB	CONTROL CENTER	75+04.00														LS	
EXISTING CIRCUIT 3EB			1							1							
3EB-1	CONTROL CENTER TO 3EB-1	76+90.00		1	243	1	2		2		1	2	1	243	102		
3EB-2	3EB-1 TO 3EB-2	81+74.00		1	484	1	2		2		1	2	1	484	102		
3EB-3	3EB-2 TO 3EB-3	86+59.00		1	485	1	2		2		1	2	1	485	102		
3EB-4	3EB-3 TO 3EB-4	91+42.00		1	483	1	2		2		1	2	1	483	102		
3EB-5	3EB-4 TO 3EB-5	96+26.00		1	484	1	2		2		1	2	1	484	102		
3EB-6	3EB-5 TO 3EB-6	101+10.00		1	484				2		1	2	1	484	102		
3EB-7	3EB-6 TO 3EB-7	105+97.00		1	487	1	2		2		1	2	1	487	102		
EXISTING CIRCUIT 5EB			1							1							
5EB-1	CONTROL CENTER TO 3EB-1	79+32.00		1	485				2		1	2	1	485	102		
5EB-2	3EB-1 TO 3EB-2	84+16.00		1	484	1	2		2		1	2	1	484	102		
5EB-3	3EB-2 TO 3EB-3	89+00.00		1	484	1	2		2		1	2	1	484	102		
5EB-4	3EB-3 TO 3EB-4	93+84.00		1	484	1	2		2		1	2	1	484	102		
5EB-5	3EB-4 TO 3EB-5	98+68.00		1	484				2		1	2	1	484	102		
5EB-6	3EB-5 TO 3EB-6	103+52.00		1	484				2		1	2	1	484	102		
5EB-7	3EB-6 TO 3EB-7	108+40.00		1	488	1	2		2		1	2	1	488	102		
TOTALS CARRIED TO GENERAL SUMMARY			**2**	**14**	**6543**	**10**	**20**		**28**	**2**	**14**	**28**	**14**	**6543**	**1428**	**LS**	

FOR POLE LOCATIONS AND REFERENCE NO.
REFER TO EXISTING PLANS JEF-22-14.89, (1990)

LIGHTING SUBSUMMARY
JEF U.S. 22 AND S.R. 7

DESIGN AGENCY

DESIGNER
GBS

REVIEWER
DAH 03/04/25

PROJECT ID
112649

SHEET P.30 TOTAL 30

D11-LG-FY2026

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