CITY OF OREGON OHIO
DEPARTMENT OF PUBLIC SERVICE
5330 SEAMAN ROAD
OREGON, OHIO 43616
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August 7, 2025

ADDENDUM No. 7
LUC SR 2 21.72 NAVARRE SAFETY (PID 118234)

CITY OF OREGON
DEPARTMENT OF PUBLIC SERVICE

BIDS TO BE OPENED: *Tuesday, August 12, 2025 at 2:00 P.M.*

Plan holders of the City of Oregon's LUC SR 2 21.72 Navarre Safety Project (PID 118234) are hereby notified of the following amendments to the Contract Documents. The following additions, alterations, deletions and/or clarifications shall be part of the Base Bid as much as if they were originally included in the Contract Documents. This Addendum No. 7 is hereby made a part of the Contract Documents.

GENERAL INFORMATION

As a reminder, all bidders are required to be plan holders to submit bids.

1) **PROJECT PLANS – UPDATED PAGES 118 and 136.**

   Replace PLAN SHEETS 114 and 148 with the **attached REVISED PLAN SHEETS 118, and 136 noted "*Addendum #7 (Issued 8/7/25)*"**.

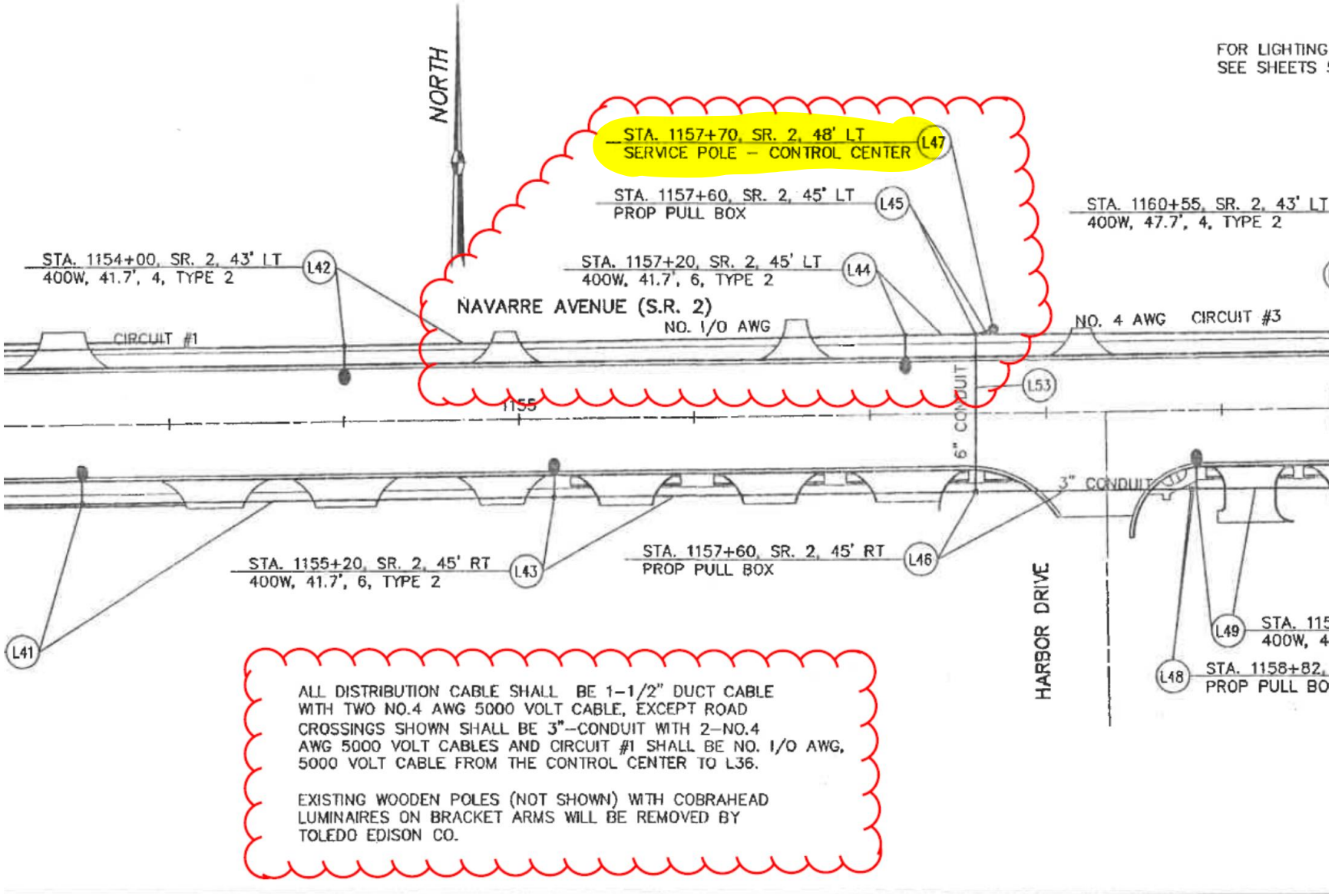
2) **EXISTING STREET LIGHTING INFORMATION.**

   Please refer to the original plan information below regarding the existing street lights, which indicates the lighting wire size, conduit sizes, and general location for the work associated with **Pay Ref 99 – ITEM 625 POWER SERVICE, AS PER PLAN, LIGHTING**. This is in accordance with the revised note included on **REVISED PLAN SHEETS 136** noted **Addendum #7 (Issued 8/7/25)**.

*** * * END OF ADDENDUM NO. 7 * * ***

Original Navarre Avenue Street Lighting Plans from 1999 LUC-2-21.24 Project

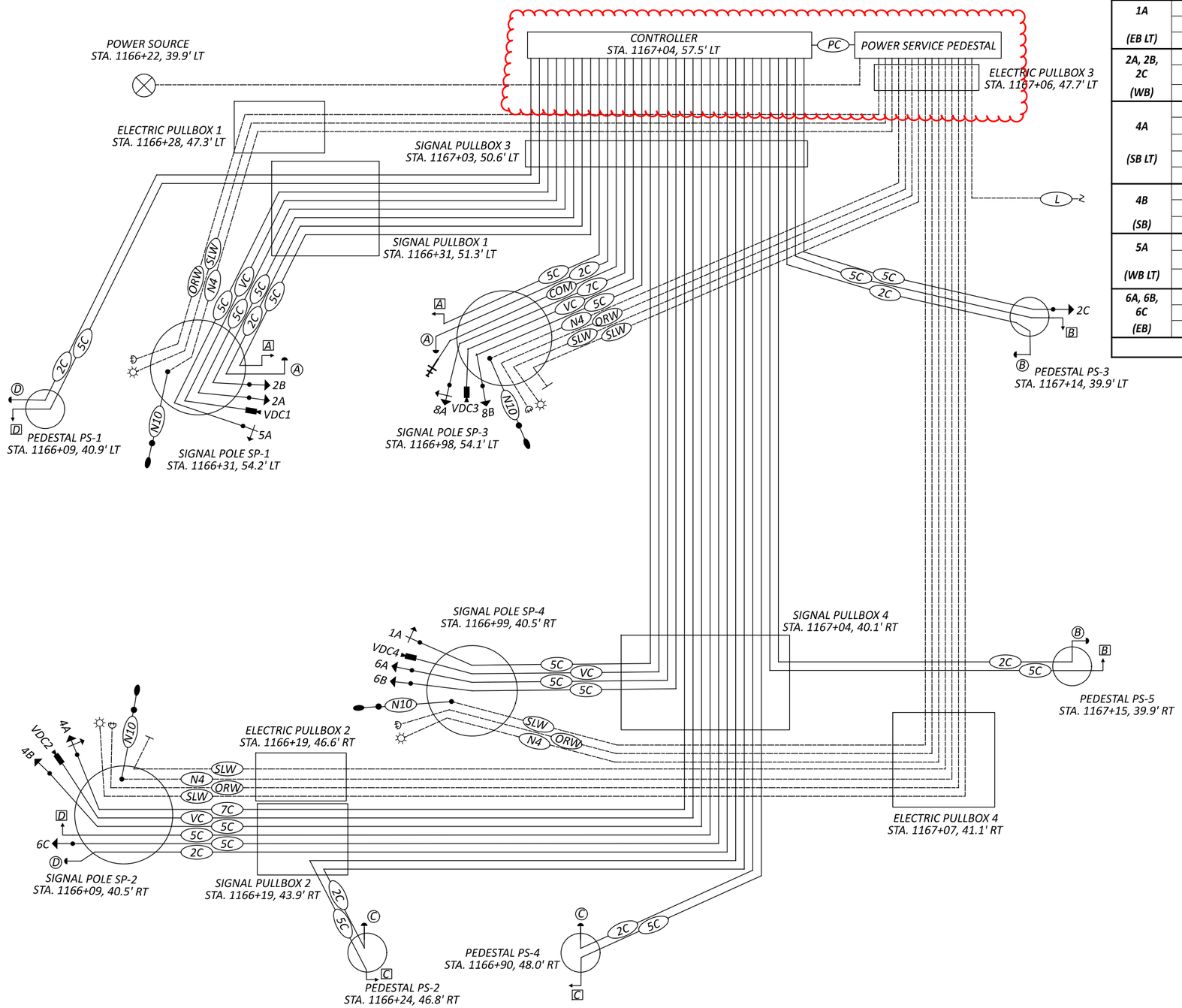
For Reference Only



ALL DISTRIBUTION CABLE SHALL BE 1-1/2" DUCT CABLE WITH TWO NO.4 AWG 5000 VOLT CABLE, EXCEPT ROAD CROSSINGS SHOWN SHALL BE 3"–CONDUIT WITH 2–NO.4 AWG 5000 VOLT CABLES AND CIRCUIT #1 SHALL BE NO. 1/0 AWG, 5000 VOLT CABLE FROM THE CONTROL CENTER TO L36.

EXISTING WOODEN POLES (NOT SHOWN) WITH COBRAHEAD LUMINAIRES ON BRACKET ARMS WILL BE REMOVED BY TOLEDO EDISON CO.

WIRING DIAGRAM



DESIGNER NOTE:
LIGHTED SIGN WIRING HAS BEEN DESIGNED TO RUN FROM THE CABINET TO THE POLE BASE IN SP-2 AND SP-3 FOR FUTURE NO TURN ON RED LED SIGNS.

FIELD WIRING HOOKUP CHART (TEM FORM 496-16)

SIGNAL HEAD	INDICATION	FIELD TERMINAL	FLASH
1A (EB LT)	<--R---	Ø1 R	R
	<--Y---	Ø1 Y	
	<--G---	Ø1 G	
2A, 2B, 2C (WB)	R	Ø2 R	R
	Y	Ø2 Y	
	G	Ø2 G	
4A (SB LT)	R	Ø4 R	R
	Y	Ø4 Y	
	G	Ø4 G	
	<--Y---	Ø7 Y	
	<--G---	Ø7 G	
4B (SB)	R	Ø4 R	R
	Y	Ø4 Y	
	G	Ø4 G	
5A (WB LT)	<--R---	Ø5 R	R
	<--Y---	Ø5 Y	
	<--G---	Ø5 G	
6A, 6B, 6C (EB)	R	Ø6 R	R
	Y	Ø6 Y	
	G	Ø6 G	

SIGNAL HEAD	INDICATION	FIELD TERMINAL	FLASH
8A (NB LT)	R	Ø8 R	R
	Y	Ø8 Y	
	G	Ø8 G	
	<--Y---	Ø3 Y	
	<--G---	Ø3 G	
8B (NB)	R	Ø8 R	R
	Y	Ø8 Y	
	G	Ø8 G	
PEDESTRIAN MOVEMENTS			
PED 2P	W	Ø2 PED/LS 2P G	OUT
	DW	Ø2 PED/LS 2P R	
PED 4P	W	Ø4 PED/LS 4P G	OUT
	DW	Ø4 PED/LS 4P R	
PED 6P	W	Ø6 PED/LS 6P G	OUT
	DW	Ø6 PED/LS 6P R	
PED 8P	W	Ø8 PED/LS 8P G	OUT
	DW	Ø8 PED/LS 8P R	

LS = LOAD SWITCH

LEGEND

- TRAFFIC SIGNAL, 4 OR 5 UNIT HEAD, 12"
- TRAFFIC SIGNAL, 2 UNIT, 3 UNIT, OR PHB HEAD 12"
- TRAFFIC SIGNAL, 3 UNIT HEAD, 12" WITH ARROWS
- PEDESTRIAN SIGNAL
- PEDESTRIAN PUSH BUTTON
- VIDEO DETECTION CAMERA
- COMMUNICATION (BY OTHERS)
- CABLE RUN TO POLE BASE FOR FUTURE NTOR LED SIGNS
- LIGHTED SIGN (BY OTHERS)
- OUTLET RECEPTACLE
- LUMINAIRE LED, 80 WATT, 120 VOLT, APP
- 2C — SIGNAL CABLE, 2 CONDUCTOR, NO. 14 AWG
- 5C — SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG
- 7C — SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG
- VC — VIDEO CAMERA CABLE
- PE — PHOTOELECTRIC CELL
- POWER SOURCE
- COM — COMMUNICATION, COAXIAL CABLE RG-8
- SLW — LIGHTED SIGN WIRING, 3/C NO. 12 AWG
- ORW — OUTLET RECEPTACLE WIRING, 3/C NO. 4 AWG
- SC — SERVICE CABLE, 3 CONDUCTOR, NO. 2 AWG
- PC — POWER CABLE, 3 CONDUCTOR, NO. 8 AWG
- N4 — DISTRIBUTION CABLE NO. 4 AWG, 2400V
- N10 — POLE AND BRACKET CABLE, NO. 10 AWG
- L — CABLES FOR LIGHTING AND BOLLARDS

Addendum #7 - Issued 8/7/25

SIGNAL DETAILS
NAVARRE AVENUE (SR-2)/KINGSTON COURT

DESIGN AGENCY
DGL CONSULTING ENGINEERS

DESIGNER AMW
REVIEWER CML 04/04/25
PROJECT ID 118234
SHEET P.118 TOTAL P.148

LUC-2-21.72

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ITEM 809 - ETHERNET CABLE, OUTDOOR RATED

THE CONTRACTOR SHALL PROVIDE AND INSTALL AN ETHERNET CABLE AND ANY REQUIRED ETHERNET EXTENDERS FROM THE BOLLARD SYSTEM CONTROLLER TO THE INDIVIDUAL CONTROL BOXES.

PAYMENT SHALL BE MADE AT CONTRACT UNIT PRICE PER FOOT.

ITEM 625 - PULL BOX, MISC.: 725.06, 13" X 24", AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF 725.06, THE COLOR OF THE PULLBOX SHALL BE BROWN/TAN SIMILAR TO THE COLOR OF THE CONCRETE MEDIAN.

ITEM 625 - PULL BOX, MISC.: 725.06, 24" X 36", AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF 725.06, THE COLOR OF THE PULLBOX SHALL BE BROWN/TAN SIMILAR TO THE COLOR OF THE CONCRETE MEDIAN.

ITEM 625 - PULL BOX, MISC.: ADJUSTED TO GRADE

THIS ITEM SHALL CONSIST OF ADJUSTING SPECIFIED PULL BOXES TO GRADE IN ACCORDANCE WITH THE PLANS

ITEM 625 - DISTRIBUTION CABLE, MISC.: 5/C FOR BOLLARD OPERATION

THE CONTRACTOR SHALL PROVIDE AND INSTALL A 5/C WIRE TO OPERATE THE BOLLARDS AS DETAILED IN THE PLANS.

PAYMENT SHALL BE MADE AT THE CONTRACT UNIT PRICE PER FOOT.

ITEM 625 - LIGHT POLE (INSTALLATION ONLY), AS PER PLAN

THE LIGHT POLES REMOVED WITH "ITEM 625 - LIGHT POLE REMOVED FOR REERECTION" SHALL BE USED FOR THIS ITEM OF WORK. LIGHT POLES SHALL BE INSTALLED AT THE LOCATIONS SPECIFIED IN THE PLANS AND INCLUDE ALL NECESSARY CONNECTIONS AND SPLICES.

ITEM 625 - POWER SERVICE, AS PER PLAN, LIGHTING

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND PROVIDE RELOCATION OF THE POWER SERVICE FOR THE EXISTING STREET LIGHTING INSTALLATION AT STA. 1157+57, 46.3' LT (2919 NAVARRE) IN ACCORDANCE WITH ITEM 625 WITH THE FOLLOWING ADDITIONS AND EXCEPTIONS.

POWER SERVICE FROM TOLEDO EDISON SHALL BE UNDERGROUND TO THE METER SET AND DISCONNECTS. THE COST FOR ALL CONDUIT FOR UNDERGROUND SERVICE WILL BE PAID UNDER THE CONTINGENCY ITEM-625 CONDUIT JACKED OR DRILLED, 725.05, 4" NOTED BELOW.

THE CITY SHALL FURNISH THE PAD-MOUNTED POWER SERVICE ENCLOSURE FOR THE CONTRACTOR TO INSTALL ON A FOUNDATION WITH COST FOR THE FOUNDATION TO BE INCLUDED WITH THIS ITEM.

ELECTRIC POWER SHALL BE OBTAINED FROM THE TOLEDO EDISON COMPANY AT THE RELOCATED POWER SOURCE LOCATION. POWER SUPPLIED SHALL BE 600 VOLTS 100 AMP SINGLE PHASE UNDERGROUND SERVICE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR REQUESTING AND SCHEDULING ANY INSPECTIONS THE POWER COMPANY MAY REQUIRE FOR THE POWER SERVICE HOOK UP. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT THE POWER COMPANY FOR THE ELECTRICAL SERVICE CONNECTION. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR SPLICE POWER CABLES INTO THE POWER COMPANY'S CIRCUITS. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS AND COORDINATING WITH THE CITY IN RELATION TO THE PAYING OF ALL FEES.

THE COST FOR RELOCATING THE EXISTING STREET LIGHTING POWER SERVICE, INCLUDING THE TRANSFER OF EXISTING LIGHTING WIRES FROM THE OLD SERVICE TO THE NEW SERVICE, SHALL BE INCLUDED IN THE LUMP SUM BID FOR THIS ITEM. THIS INCLUDES ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO INSTALL NEW CONDUIT, WIRE, SPLICES, AND ANY OTHER INCIDENTAL ITEMS REQUIRED TO COMPLETE THE WORK AS SHOWN IN THE PLANS AND DESCRIBED HEREIN.

ITEM 625 - CONDUIT JACKED OR DRILLED, 725.05, 4"

THIS ITEM IS A CONTINGENCY QUANTITY FOR THE INSTALLATION OF CONDUIT RUNS FOR THE POWER SERVICE ALONG NAVARRE. THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 625, CONDUIT JACKED OR DRILLED, 725.05, 4" 220 FT

MAINTAINING EXISTING STREET LIGHTING

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL MAINTAIN THE EXISTING STREET LIGHTING. UPDATES REQUIRED BY THE SCOPE OF THIS PROJECT SHALL BE MADE DURING DAYLIGHT HOURS (7 AM TO 6 PM) AND RETUNED TO A FUNCTIONAL STATE. STREET LIGHTING SHALL NEVER BE DOWN FOR AN EXTENDED PERIOD OF TIME. THIS WORK SHALL BE INCIDENTAL TO THE LIGHT POLE REMOVED AND RE-ERECTED.

Addendum #7 - Issued 8/7/25

REF NO.	SHEET NO.	STATION TO STATION						625 CONNECTION, FUSED PULL APART EACH	625 LIGHT POLE, MISC.:DECORATIVE, 2 MAST ARM EACH	625 LIGHT POLE, MISC.: LIGHTED BOLLARD EACH	625 LIGHT POLE FOUNDATION, 24" X 6' DEEP EACH	625 NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE FT	625 NO. 10 AWG POLE AND BRACKET CABLE FT	625 DISTRIBUTION CABLE, MISC.: 5/C FOR BOLLARD OPERATION FT	625 CONDUIT, 1", 725.05 FT	625 CONDUIT, 3", 725.05 FT	625 CONDUIT, JACKED OR DRILLED, 725.05, 3" FT	625 TRENCH IN PAVED AREA FT	625 TRENCH, 24" DEEP FT	625 PULL BOX, MISC.: 725.06, 13" X 24", AS PER PLAN EACH	625 PULL BOX, MISC.: 725.06, 24" X 36", AS PER PLAN EACH	625 GROUND ROD EACH	625 UNDERGROUND WARNING/MARKING TAPE FT	625 LIGHTING, MISC.:BOLLARD LIGHTING PROGRAMMING SYSTEM EACH	632 POWER CABLE, 3 CONDUCTOR, NO. 6 AWG, AS PER PLAN FT	809 ETHERNET CABLE, OUTDOOR-RATED FT
TO E. HARBOR DRIVE																										
BOLLARD TO LPB-1	P.139	-	P.140	1148+66	5.0' RT		1152+77	3.6' RT	15		15				4,080	412			412					412		417	
LPB-1	P.140			1152+77	3.6' RT																1						
MLP-1	P.140			1152+41	0.0' LT				3	1		1		48								1					
MLP-1 TO LPB-1	P.140			1152+41	0.0' LT		1152+77	3.6' RT					126				37		37					37			
LPB-1 TO LPB-2	P.140			1152+77	3.6' RT		1153+33	5.0' RT					180				55		55					55		60	60
LPB-2	P.140			1153+33	5.0' RT															1							
LPB-2 TO LPB-3	P.140			1153+33	5.0' RT		1154+59	4.3' RT					399				128		128					128		133	133
LPB-3	P.140			1154+59	4.3' RT																1						
BOLLARDS TO LPB-3	P.140			1153+45	5.0' RT		1154+59	4.3' RT	6		6				378	113			113					113		118	
LPB-3 TO LPB-4	P.140			1154+59	4.3' RT		1155+64	5.0' LT					336				107		107					107		112	112
LPB-4	P.140			1155+64	5.0' LT															1							
MLP-2	P.140			1155+09	0.0' LT				3	1		1		48								1					
MLP-2 TO LPB-4	P.140			1155+09	0.0' LT		1155+64	5.0' LT					183				56		56					56			
LPB-4 TO LPB-5	P.140	-	P.141	1155+64	5.0' LT		1157+53	5.0' LT					585				190		190					190		195	195
LPB-5	P.141			1157+53	5.0' LT																1						
BOLLARDS TO LPB-5	P.140	-	P.141	1155+75	5.0' LT		1157+53	5.0' LT	9		9				846	178			178					178		183	
LPB-5 TO LPB-6	P.141			1157+53	5.0' LT		1157+53	48.3' LT					147					44								49	49
LPB-6	P.141			1157+53	48.3' LT															1							
LPB-6 TO EPB-1	P.141			1157+53	48.3' LT		1158+12	52.2' LT					192				59			59				59		64	64
EPB-1 TO EPB-3	P.141			1158+12	52.2' LT		1158+88	49.2' LT					243													81	81
LPB-10 TO EPB-3	P.141			1159+42	41.9' LT		1158+88	49.2' LT					180				55			55				55		60	60
LPB-10	P.141			1159+42	41.9' LT															1							
LPB-10 TO LPB-11	P.141			1159+42	41.9' LT		1159+43	5.0' RT					156					47								52	52
LPB-11	P.141			1159+43	5.0' RT																1						
BOLLARDS TO LPB-11	P.141	-	P.142	1161+28	5.0' RT		1159+43	5.0' RT	9		9				909	185			185					185		190	
LPB-11 TO LPB-12	P.141	-	P.142	1159+43	5.0' RT		1161+47	2.7' RT					630				205		205					205		210	210
LPB-12	P.142			1161+47	2.7' RT															1							
LPB-12 TO MLP-3	P.142			1161+47	2.7' RT		1161+90	0.0' RT					147				44		44					44			
MLP-3	P.142			1161+90	0.0' RT				3	1		1		48								1					
MLP-3 TO MLP-4	P.142			1161+90	0.0' RT		1163+14	0.0' LT					387				124		124					124			
MLP-4	P.142			1163+14	0.0' LT				3	1		1		48								1					
LPB-12 TO LPB-13	P.142			1161+47	2.7' RT		1163+53	5.0' LT									208		208					208		213	213
LPB-13	P.142			1163+53	5.0' LT																1						
BOLLARDS TO LPB-13	P.142			1165+41	5.0' LT		1163+53	5.0' LT	9		9				936	188			188					188		193	
EPB-3 TO UPS	P.141			1158+88	49.2' LT		1158+73	53.5' LT					126													42	42
UPS TO CONT.	P.141			1158+73	53.5' LT								90												1	30	30
TO KINGSTON																											
MLP-5	P.143			166+73	143.9' LT				3	1		1		48								1					
MLP-5 TO EPB-3	P.143			166+73	143.9' LT		1167+06	47.7' LT					249				78		78					78			
EPB-3 TO CONT.	P.143			1167+06	47.7' LT		1167+04	57.5' LT					78														
TO KROGER DRIVE																											
BOLLARDS TO LPB-17	P.143			1167+86	5.0' RT		1170+16	2.5' RT	12		12				1,440	230			230					230		235	
LPB-17	P.143			1170+16	2.5' RT																1						
LPB-17 TO LPB-18	P.143	-	P.144	1170+16	2.5' RT		1174+69	5.0' LT									454		454					454		459	459
LPB-18	P.144			1174+69	5.0' LT															1							
MLP-6	P.143			1170+32	2.5' RT				3	1		1		48								1					
MLP-6 TO MLP-7	P.143	-	P.144	1170+32	2.5' RT		1171+51	0.0' LT					375				120		120					120			
MLP-7	P.144			1171+51	0.0' LT				3	1		1		48								1					
MLP-7 TO MLP-8	P.144			1171+51	0.0' LT		1172+44	0.0' RT					294				93		93					93			
MLP-8	P.144			1172+44	0.0' RT				3	1		1		48								1					
MLP-8 TO MLP-9	P.144			1172+44	0.0' RT		1173+37	0.0' LT					294				93		93					93			
MLP-9	P.144			1173+37	0.0' LT				3	1		1		48								1					
MLP-9 TO MLP-10	P.144			1173+37	0.0' LT		1174+56	2.5' LT					375				120		120					120			
MLP-10	P.144			1174+56	2.5' LT				3	1		1		48								1					
MLP-10 TO LPB-18	P.144			1174+56	2.5' LT		1174+69	5.0' LT					57				14		14					14			
TOTAL FOR SHEET 1									90	10	60	10	5829	480	8589	1306	2240	91	3432	114	6	6	10	3546	1	3096	1760

LANDSCAPE ELECTRICAL NOTES & SUBSUMMARY

DESIGN AGENCY
DGL CONSULTING ENGINEERS

DESIGNER CMS

REVIEWER CML 04/04/25

PROJECT ID 118234

SHEET P.136 TOTAL P.148

LUC-2-21.72

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