



**Matthew G. Bevin**  
Governor

**COMMONWEALTH OF KENTUCKY  
TRANSPORTATION CABINET**

Frankfort, Kentucky 40622  
[www.transportation.ky.gov/](http://www.transportation.ky.gov/)

**Greg Thomas**  
Secretary

May 23, 2018

CALL NO. 201  
CONTRACT ID NO. 181212  
ADDENDUM # 2

**Subject: DAVIESS-OHIO COUNTIES, 121GR18D012 - NHPP  
Letting May 25, 2018**

- (1) Revised - General Summary- Page 34 of 447
- (2) Revised - Paving Summary- Page 47 of 447
- (3) Revised - Driving Lane Patching Tabulation Sheet - Pages 48-49 of 447
- (4) Revised - Shoulder Paving Repair Tabulation Sheet - Pages 50-51 of 447
- (5) Revised - General Tabulation Sheet Ohio County- Pages 36-37 of 447
- (6) Revised - General Tabulation Sheet Daviess County- Pages 50-51 of 447
- (8) Revised - Lighting Summary- Page 59 of 447
- (9) Revised - Lighting Summary- Page 171 of 447
- (10) Revised - Base Service Details Ex. 1, 2, LCC3, and LCC4-  
Pages 180-180(c) of 447
- (11) Revised - Exit 43 Bulb Replacement Sheet - Page 181 of 447
- (12) Revised - Material Summary - Pages 381-387 of 447
- (13) Revised - Proposal Bid Items - Pages 442-447(a) of 447

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

If you have any questions, please contact us at 502-564-3500.



An Equal Opportunity Employer M/F/D

Sincerely,

A handwritten signature in black ink that reads "Rachel Mills". The signature is written in a cursive style with a large initial 'R' and 'M'.

Rachel Mills, P.E.  
Director  
Division of Construction Procurement

RM:mr  
Enclosures

I-165 CONVERSION  
KYTC - DISTRICT 2  
MP 37.2 TO MP 72.3  
ITEM NO. 2-2092

## DISTRICT 2 GENERAL SUMMARY

ITEM NUMBER	ITEM	UNIT	OHIO COUNTY				DAVISS COUNTY				DISTRICT 2 TOTAL
			OHIO CORRIDOR	MP 49.9 P/MT RPLCMNT	REHAB MP50.0 - MP61.5	OHIO SUBTOTAL	DAVISS CORRIDOR	REHAB MP61.5 - MP72.2	DAVISS SUBTOTAL		
02599	FABRIC-GEOTEXTILE TYPE IV	SQYD	200			200	100				300
02650	MAINTAIN & CONTROL TRAFFIC	LS				1					2
02671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	4			4	4				8
02676	MOBILIZATION FOR MILL & TEXT	LS			1	1		1			2
02677	ASPHALT PAVE MILLING & TEXTURING	TON	1411		35894	37305	879	33133		34012	71317
02696	SHOULDER RUMBLE STRIPS	LF	400	14296	244732	259428	1200	225907		227107	486535
02701	TEMP SILT FENCE	LF	7920	1000		8920	8570			8570	17490
02703	SILT TRAP TYPE A	EACH	14	2		16	13			13	29
02704	SILT TRAP TYPE B	EACH	14	2		16	13			13	29
02705	SILT TRAP TYPE C	EACH	14	2		16	13			13	29
02705	SILT TRAP TYPE C-MEDIAN	EACH	74			74	68			68	142
02706	CLEAN SILT TRAP TYPE A	EACH	14	2		16	13			13	29
02707	CLEAN SILT TRAP TYPE B	EACH	14	2		16	13			13	29
02708	CLEAN SILT TRAP TYPE C	EACH	14	2		16	13			13	29
02708	CLEAN SILT TRAP TYPE C-MEDIAN	EACH	74			74	68			68	142
02726	STAKING	LS				1				1	2
02775	ARROW PANEL	EACH	3	2		5	3			3	8
02898	RELOCATE CRASH CUSHION	EACH	8			8	6			6	14
02929	CRASH CUSHION IX	EACH	4	2		6	12			12	18
03171	CONCRETE BARRIER WALL TYPE 9T	LF	8880			8880	4440			4440	13320
03260	CLEAN ROADWAY DRAINS	EACH			9	9		9		9	18
03262	CLEAN PIPE STRUCTURE	EACH	12			12	11			11	23
04700	POLE 30 FT MTG HT	EACH				4	1			1	2
04714	POLE 120 FT MTG HT HIGH MAST	EACH	4			4					4
04721	BRACKET 6 FT	EACH					1			1	1
04740	POLE BASE	EACH					1			1	1
04750	TRANSFORMER BASE	EACH					1			1	1
04761	LIGHTING CONTROL EQUIPMENT	EACH	2			2					2
04780	FUSED CONNECTOR KIT	EACH					156			156	156
04793	CONDUIT-1/4 IN	LF					12310			12310	12310
04800	MARKER	EACH	28			28					28
04820	TRENCHING AND BACKFILLING	LF	7850			7850	12310			12310	20160
04834	WIRE-NO. 6	LF					38580			38580	38580
04862	CABLE-NO. 4/3C DUCTED	LF	8150			8150				8150	8150
05950	EROSION CONTROL BLANKET	SQYD	63888	500		64388	59664			59664	124052
05952	TEMP MULCH	SQYD	42592	1000		43592	39776			39776	83368
05953	TEMP SEEDING AND PROTECTION	SQYD	31944	1000		32944	29832			29832	62776
05963	INITIAL FERTILIZER	TON	6.6	0.1		6.7	6.2			6.2	12.9
05964	20-10-10 FERTILIZER	TON	3.5	0.1		3.6	3.2			3.2	6.8
05985	SEEDING AND PROTECTION	SQYD			581	581		537		537	1118
05992	AGRICULTURAL LIMESTONE	TON	40	1		41	37			37	78
06511	PAVE STRIPING-TEMP PAINT-6 IN*	LF	84290			84290	69670			69670	153960
06513	PAVE STRIPING-TEMP PAINT-12 IN	LF	1200			1200					1200
06515	PAVE STRIPING-PERM PAINT-6 IN*	LF	279200	17091		296291	257000			257000	553291
06517	PAVE STRIPING-PERM PAINT-12 IN	LF	621	621		1242	2015			2015	2636
06569	PAVE MARKING-THERMO CROSS-HATCH	SQFT	315	315		630	315			315	315
06572	PAVE MARKING-DOTTED LANE EXTEN	LF	438	438		876	438			438	438
08500	APPROACH SLAB-BRIDGE MP 51.2	SY	333.33			333.33					333.33
08500	APPROACH SLAB-BRIDGE MP 64.5	SY					333.33			333.33	333.33
08500	APPROACH SLAB-BRIDGE MP 64.8	SY					333.33			333.33	333.33
08500	APPROACH SLAB-BRIDGE MP 65.0	SY					333.33			333.33	333.33
08903	CRASH CUSHION TYVI CLASS B TTL3	EACH	4			4	7			7	11
10020NS	FUEL ADJUSTMENT	DOLL		52094		52094	56778		56778	56778	165650

\*INCLUDES QUANTITY FOR BOTH MILL AND INLAY AS WELL AS QUANTITY FOR I-165 CONVERSION ITEMS

INTERSTATE 65 SPUR  
KYTC - DISTRICT 2  
OHIO AND DAVIESS COUNTIES  
MP 37.2 TO MP 72.3  
ITEM NO. 2-2092

**PAVING SUMMARY**

PAVING AREAS										
ITEM	UNIT	OHIO COUNTY				DAVIESS COUNTY				DISTRICT 2
		OHIO CORRIDOR	PVMT REPL. MP 49.3	THIN MILL / INLAY	OHIO SUBTOTAL	DAVIESS CORRIDOR	THIN MILL / INLAY	DAVIESS SUBTOTAL	TOTAL AREA (SY)	
1.50" CL3 ASPH SURF 0.50A PG76-22	SQYD	1067	32180	439296	472543	3867	405504	409371	881914	
1.50" CL2 ASPH SURF 0.50D PG64-22	SQYD	712			712	2579	36	2615	3327	
3.00" CL3 ASPH BASE 1.00D PG76-22	SQYD	1067			1067	3200	170	3370	4437	
3.00" CL2 ASPH BASE 1.00D PG64-22	SQYD	712			712	2134	42	2176	2888	
3.25" CL3 ASPH BASE 1.00D PG64-22	SQYD	2134			2134	6400		6400	8534	
FULL DEPTH CL3 ASPH BASE 1.00D PG64-23	SQYD			27691	27691		25015	25015	52706	
3.25" CL2 ASPH BASE 1.00D PG64-22	SQYD	1424			1424	4268		4268	5692	
3.50" CL3 ASPH BASE 1.00D PG76-22	SQYD		32470		32470			0	32470	
3.50" CL3 ASPH BASE 1.00D PG64-22	SQYD		66170		66170			0	66170	
4.00" CRUSHED STONE BASE	SQYD		33774		33774			0	33774	
6.00" CRUSHED STONE BASE	SQYD	1779			1779	5334		5334	7113	
1.00" DENSE GRADED AGGREGATE	SQYD	154236			154236	162132		162132	316368	
ASPHALT SEAL COAT	SQYD	25706	150		25856	27622		27622	53478	
ASPHALT SEAL AGGREGATE	SQYD	25706	150		25856	27622		27622	53478	
ASPHALT PAVE MILLING & TEXT	SQYD				0	1112		1112	1112	
ASPHALT MATERIAL FOR TACK	SQYD	5337	98640	439296	543273	16002	405504	421506	964779	

PAVING SUMMARY											
CODE	ITEM	UNIT	OHIO COUNTY				DAVIESS COUNTY				DISTRICT 2
			OHIO CORRIDOR	PVMT REPL. MP 49.3	THIN MILL / INLAY	OHIO SUBTOTAL	DAVIESS CORRIDOR	THIN MILL / INLAY	DAVIESS SUBTOTAL	TOTAL QUANTITY	
1	DENSE GRADED AGGREGATE**	TON	744			744	780		780	1524	
3	CRUSHED STONE BASE	TON	345	20602		20947	1035		1035	21982	
78	CRUSHED AGGREGATE NO. 2	TON	502	15792		16294	1506		1506	17800	
100	ASPHALT SEAL AGGREGATE	TON	258	111		369	276		276	645	
103	ASPHALT SEAL COAT	TON	31	13		44	33		33	77	
212	CL2 ASPH BASE 1.00D PG64-22	TON				0			7	7	
214	CL3 ASPH BASE 1.00D PG64-22	TON	605	12738	20560*	33903	1815		20359	54262	
216	CL3 ASPH BASE 1.00D PG76-22	TON	257	6250		6507	771		799	7306	
309	CL2 ASPH SURF 0.50D PG64-22	TON	59			59	37		40	99	
332	CL3 ASPH SURF 0.50A PG76-22	TON	110	2655	35894	38659	385		33518	72177	
356	ASPHALT MATERIAL FOR TACK	TON	2.2	4.1	185	191.3	6.7		87.7	279	
2677	ASPHALT PAVE MILLING & TEXTURING	TON				0	123		123	123	
22861EN	HIGH STRENGTH FABRIC TYV	SQYD	10648	41558		52206	31944		31944	84150	
1000	PERFORATED PIPE-4 IN	LF	240			240	720		720	960	
1010	NON-PERFORATED PIPE-4 IN	LF	32			32	96		96	128	
1028	PERFORATED PIPE HDWELL TY 3-4 IN	EACH	8			8	24		24	32	

\*QUANTITY TO BE USED FOR EDGE DRAIN CAP

\*\*TO BE USED FOR RESHAPING SHOULDERS DURING GUARDRAIL REPLACEMENT AS WELL AS FILLING POST HOLES; AS DIRECTED BY THE ENGINEER

INTERSTATE 65 SPUR  
WILLIAM H. MATCHER PARKWAY  
DAVISS COUNTY  
MP 61.7 TO MP 72.3  
ITEM NO. 2-2092

## DRIVING LANE PATCHING TABULATION SHEET

ITEM		TOTAL		ITEM		TOTAL	
<b>MP 65.6 NB DRIVING LANE</b>		<b>SQYD</b>		<b>MP 70.3 SB DRIVING LANE</b>		<b>SQYD</b>	
1.50" CL3 Asph Surf 0.50A PG76-22	218	1.50" CL3 Asph Surf 0.50A PG76-22	218	1.50" CL3 Asph Surf 0.50A PG76-22	218	1.50" CL3 Asph Surf 0.50A PG76-22	218
4.50" CL3 Asph Base 1.00D PG64-22	218	4.50" CL3 Asph Base 1.00D PG64-22	218	3.00" CL3 Asph Base 1.00D PG64-22	218	3.00" CL3 Asph Base 1.00D PG64-22	218
Asphalt Material for Tack	218	Asphalt Material for Tack	218	3.00" CL3 Asph Base 1.00D PG64-22	218	3.00" CL3 Asph Base 1.00D PG64-22	218
<b>MP68.8 NB DRIVING LANE</b>		<b>SQYD</b>		<b>MP69.0 SB DRIVING LANE</b>		<b>SQYD</b>	
1.50" CL3 Asph Surf 0.50A PG76-22	218	1.50" CL3 Asph Surf 0.50A PG76-22	218	1.50" CL3 Asph Surf 0.50A PG76-22	218	1.50" CL3 Asph Surf 0.50A PG76-22	218
3.00" CL3 Asph Base 1.00D PG64-22	218	3.00" CL3 Asph Base 1.00D PG64-22	218	3.00" CL3 Asph Base 1.00D PG64-22	218	3.00" CL3 Asph Base 1.00D PG64-22	218
3.00" CL3 Asph Base 1.00D PG64-22	218	3.00" CL3 Asph Base 1.00D PG64-22	218	3.00" CL3 Asph Base 1.00D PG64-22	218	3.00" CL3 Asph Base 1.00D PG64-22	218
3.50" CL3 Asph Base 1.00D PG64-22	654	3.50" CL3 Asph Base 1.00D PG64-22	654	3.50" CL3 Asph Base 1.00D PG64-22	218	3.50" CL3 Asph Base 1.00D PG64-22	218
Asphalt Material for Tack	654	Asphalt Material for Tack	654	Asphalt Material for Tack	218	Asphalt Material for Tack	218
<b>MP 70.8 NB DRIVING LANE</b>		<b>SQYD</b>		<b>MP 68.3 SB DRIVING LANE</b>		<b>SQYD</b>	
1.50"CL3 Asph Surf 0.50A PG76-22	218	1.50"CL3 Asph Surf 0.50A PG76-22	218	1.50" CL3 Asph Surf 0.50A PG76-22	218	1.50" CL3 Asph Surf 0.50A PG76-22	218
3.00" CL3 Asph Base 1.00D PG64-22	218	3.00" CL3 Asph Base 1.00D PG64-22	218	3.00" CL3 Asph Base 1.00D PG64-22	218	3.00" CL3 Asph Base 1.00D PG64-22	218
3.00" CL3 Asph Base 1.00D PG64-22	218	3.00" CL3 Asph Base 1.00D PG64-22	218	3.00" CL3 Asph Base 1.00D PG64-22	218	3.00" CL3 Asph Base 1.00D PG64-22	218
3.50" CL3 Asph Base 1.00D PG64-22	654	3.50" CL3 Asph Base 1.00D PG64-22	654	3.50" CL3 Asph Base 1.00D PG64-22	218	3.50" CL3 Asph Base 1.00D PG64-22	218
Asphalt Material for Tack	654	Asphalt Material for Tack	654	Asphalt Material for Tack	218	Asphalt Material for Tack	218
<b>MP 71.3 SB DRIVING LANE</b>		<b>SQYD</b>		<b>Asphalt Material for Tack</b>		<b>SQYD</b>	
1.50"CL3 Asph Surf 0.50A PG76-22	218	1.50"CL3 Asph Surf 0.50A PG76-22	218	Asphalt Material for Tack	654	Asphalt Material for Tack	654
3.00" CL3 Asph Base 1.00D PG64-22	218	3.00" CL3 Asph Base 1.00D PG64-22	218				
3.00" CL3 Asph Base 1.00D PG64-22	218	3.00" CL3 Asph Base 1.00D PG64-22	218				
3.50" CL3 Asph Base 1.00D PG64-22	218	3.50" CL3 Asph Base 1.00D PG64-22	218				
Asphalt Material for Tack	654	Asphalt Material for Tack	654				

PAVING SUMMARY												
CODE	ITEM	UNIT	65.6	68.8	70.8	71.3	70.3	69.0	68.3	PAGE TOTAL	PROJECT TOTAL	
212	CL2 ASPH BASE 1.00D PG64-22	TON	54	114	114	114	114	114	114	738	1080	
309	CL3 ASPH SURF 0.50A PG76-22	TON	18	18	18	18	18	18	18	126	180	
356	ASPHALT MATERIAL FOR TACK	TON	0.09	0.27	0.27	0.27	0.27	0.27	0.27	1.71	2.52	
2677	ASPHALT PAVE MILLING & TEXTURING	TON	72	132	132	132	132	132	132	864	1260	



INTERSTATE 65 SPUR  
WILLIAM H. NATCHER PARKWAY  
OHIO COUNTY  
MP 37.2 TO MP 61.7  
ITEM NO. 2-2092

## SHOULDER PAVING REPAIR TABULATION SHEET

ITEM		TOTAL	ITEM		TOTAL
<b>MP 50.8 NB SHOULDER (RT)</b>		<b>SQYD</b>	<b>MP 50.9 NB SHOULDER (RT)</b>		<b>SQYD</b>
1.50" CL2 Asph Surf 0.50D PG64-22		72	1.50" CL2 Asph Surf 0.50D PG64-22		9
3.75" CL2 Asph Base 1.00D PG64-22		72	3.75" CL2 Asph Base 1.00D PG64-22		9
3.75" CL2 Asph Base 1.00D PG64-22		72	3.75" CL2 Asph Base 1.00D PG64-22		9
Asphalt Material for Tack		144	Asphalt Material for Tack		18
<b>MP 52.0 NB SHOULDER (RT)</b>		<b>SQYD</b>	<b>MP 52.1 NB SHOULDER (RT)</b>		<b>SQYD</b>
1.50" CL2 Asph Surf 0.50D PG64-22		18	1.50" CL2 Asph Surf 0.50D PG64-22		36
3.75" CL2 Asph Base 1.00D PG64-22		18	3.75" CL2 Asph Base 1.00D PG64-22		36
3.75" CL2 Asph Base 1.00D PG64-22		18	3.75" CL2 Asph Base 1.00D PG64-22		36
Asphalt Material for Tack		36	Asphalt Material for Tack		72
<b>MP 54.4 NB SHOULDER (RT)</b>		<b>SQYD</b>	<b>MP 57.0 SHOULDER (RT)</b>		<b>SQYD</b>
1.50" CL2 Asph Surf 0.50D PG64-22		9	1.50" CL2 Asph Surf 0.50D PG64-22		18
3.75" CL2 Asph Base 1.00D PG64-22		9	3.75" CL2 Asph Base 1.00D PG64-22		18
3.75" CL2 Asph Base 1.00D PG64-22		9	3.75" CL2 Asph Base 1.00D PG64-22		18
Asphalt Material for Tack		18			
<b>MP 60.2 NB SHOULDER (RT)</b>		<b>SQYD</b>			
1.50" CL2 Asph Surf 0.50D PG64-22		27			
3.75" CL2 Asph Base 1.00D PG64-22		27			
3.75" CL2 Asph Base 1.00D PG64-22		27			
Asphalt Material for Tack		54			

**PAVING AREAS**

PAVING SUMMARY												
CODE	ITEM	UNIT	50.8	50.9	52.0	52.1	54.4	57.0	60.2	COUNTY TOTAL	PROJECT TOTAL	
212	CL2 ASPH BASE 1.00D PG64-22	TON		4	10	15	4	10	12		85	108
309	CL2 ASPH SURF 0.50D PG64-22	TON	15	2	5	8	2	5	6		43	52
356	ASPHALT MATERIAL FOR TACK	TON	0.06	0.01	0.02	0.03	0.01	0.01	0.02		0.16	0.21
2677	ASPHALT PAVE MILLING & TEXTURING	TON	45	6	15	23	6	15	18		128	160







COUNTY OF	DAVISSVILLE
ITEM NO.	2-2099000
VARIOUS	

### ROADWAY LIGHTING ESTIMATE OF QUANTITIES

#### DISTRICT 2

ITEM DESCRIPTION	CODE	UNITS	OHIO COUNTY		DAVISSVILLE COUNTY		DISTRICT 2	
			EXIT 43	EXIT 72	EXIT 43	EXIT 72	TOTALS	
POLE 30' MTG HT	4700	EACH	-	1	-	1	-	1
POLE 120' MTG HT HIGH MAST	4714	EACH	4	-	4	-	-	4
BRACKET 6'	4721	EACH	-	1	-	1	-	1
POLE BASE	4740	EACH	-	1	-	1	-	1
TRANSFORMER BASE	4750	EACH	-	1	-	1	-	1
LIGHTING CONTROL EQUIPMENT	4761	EACH	2	-	-	-	-	2
FUSED CONNECTOR KIT	4780	EACH	-	156	-	156	-	156
CONDUIT - 1 1/4 INCH	4793	LF	-	12,310	-	12,310	-	12,310
MARKER	4800	EACH	28	-	-	-	-	28
TRENCHING AND BACKFILLING	4820	LF	7,850	-	-	-	-	7,850
WIRE - NO. 6	4834	LF	-	38,580	-	38,580	-	38,580
CABLE - NO. 4/3C DUCTED	4862	LF	8,150	-	-	-	-	8,150
ELECTRICAL JUNCTION BOX TYPE A	2033INS835	EACH	-	8	-	8	-	8
MAINTAIN LIGHTING	2040IED	LS	1	-	-	-	-	1
BORE AND JACK CONDUIT	21543EN	LF	300	-	-	-	-	300
POLE BASE - HIGH MAST	23161EN	CUYD	35	-	-	-	-	35
LED LUMINAIRE	24589ED	EACH	-	74	-	74	-	74
HIGH MAST LED LUMINAIRE	24749EC	EACH	98	-	-	-	-	98

#### GENERAL NOTES

THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, AND OTHER SPECIAL NOTES AND SPECIFICATIONS WILL APPLY ON THIS PROJECT. SEE SECTION 716 FOR MEASUREMENT AND OTHER DETAILS. SEE SECTION 602 FOR SPIRAL REINFORCEMENT SPLICING.

THE CONTRACTOR SHALL MAKE AN INSPECTION OF THE PROJECT SITE PRIOR TO SUBMITTING A BID AND SHALL BE THOROUGHLY FAMILIARIZED WITH EXISTING CONDITIONS. SUBMISSIONS OF A BID WILL BE CONSIDERED AN AFFIRMATION OF THIS INSPECTION HAVING BEEN COMPLETED.

FOR MAINTAIN LIGHTING, THE CONTRACTOR SHALL MAINTAIN THE EXISTING ILLUMINANCE LEVELS ON THE ROADWAYS, RAMPS, ETC. THROUGHOUT THE CONSTRUCTION PROCESS. CONTRACTOR SHALL PREPARE AND PROVIDE A LIGHTING PLAN SHOWING HOW THEY WILL ACHIEVE THIS. THIS CAN BE A COMBINATION OF MAINTAINING THE EXISTING LIGHTING, PROVIDING TEMPORARY LIGHTING, AND/OR INSTALLATION OF THE NEW LIGHTING SYSTEM. THE PROPOSED LIGHTING LAYOUT DESIGN SHALL BE SUBMITTED FOR APPROVAL TO THE DIVISION OF TRAFFIC, FRANKFORT, KY 1502-564-3020 PRIOR TO THE BEGINNING OF ROAD OR BRIDGE CONSTRUCTION.

ALL UNDERGROUND CONDUIT SHALL BE 2" RIGID STEEL UNLESS OTHERWISE SPECIFIED. JUNCTION BOXES, CONDUITS AND ROAD CROSSING LOCATIONS ARE SCHEMATIC ONLY. EXACT LOCATIONS SHALL BE APPROVED BY THE ENGINEER AND DEDICATED ON THE AS-BUILT PLANS. ALL CONDUITS SHALL BE ACCESSIBLE INSIDE JUNCTION BOXES. ANY DUCTED CABLE SHALL RUN THROUGH 3" RS CONDUIT UNDER THE ROADWAY WITH ONLY ONE DUCTED CABLE PER CONDUIT PERMITTED. ALL SPARE CONDUITS SHALL BE CAPPED ON BOTH ENDS AS SHOWN ON JUNCTION BOX DETAIL. THERE SHALL BE NO OPEN CUTTING OF ROADWAY UNLESS APPROVED BY ENGINEER.

JUNCTION BOXES SHALL BE PLACED IN LOCATIONS TO AVOID STANDING WATER AND DITCH LINES. ANY ADDITIONAL JUNCTION BOXES SHALL BE APPROVED BY THE ENGINEER.

ALL CABLE/WIRE RUNS SHALL BE SPLICE-FREE FROM THE CONTROLLER TO EACH POLE THE CABLE/WIRE IS FEEDING. ALL CABLES SHALL BE PERMANENTLY LABELED INSIDE POLE BASES, CABINETS AND JUNCTION BOXES WITH CIRCUIT NUMBERS.

REGARDLESS OF THE NORTHING & EASTING NOTED, ALL POLES LOCATED BEHIND GUARDRAIL MUST BE A MINIMUM OF 5 FEET BEHIND THE FACE OF THE GUARDRAIL.

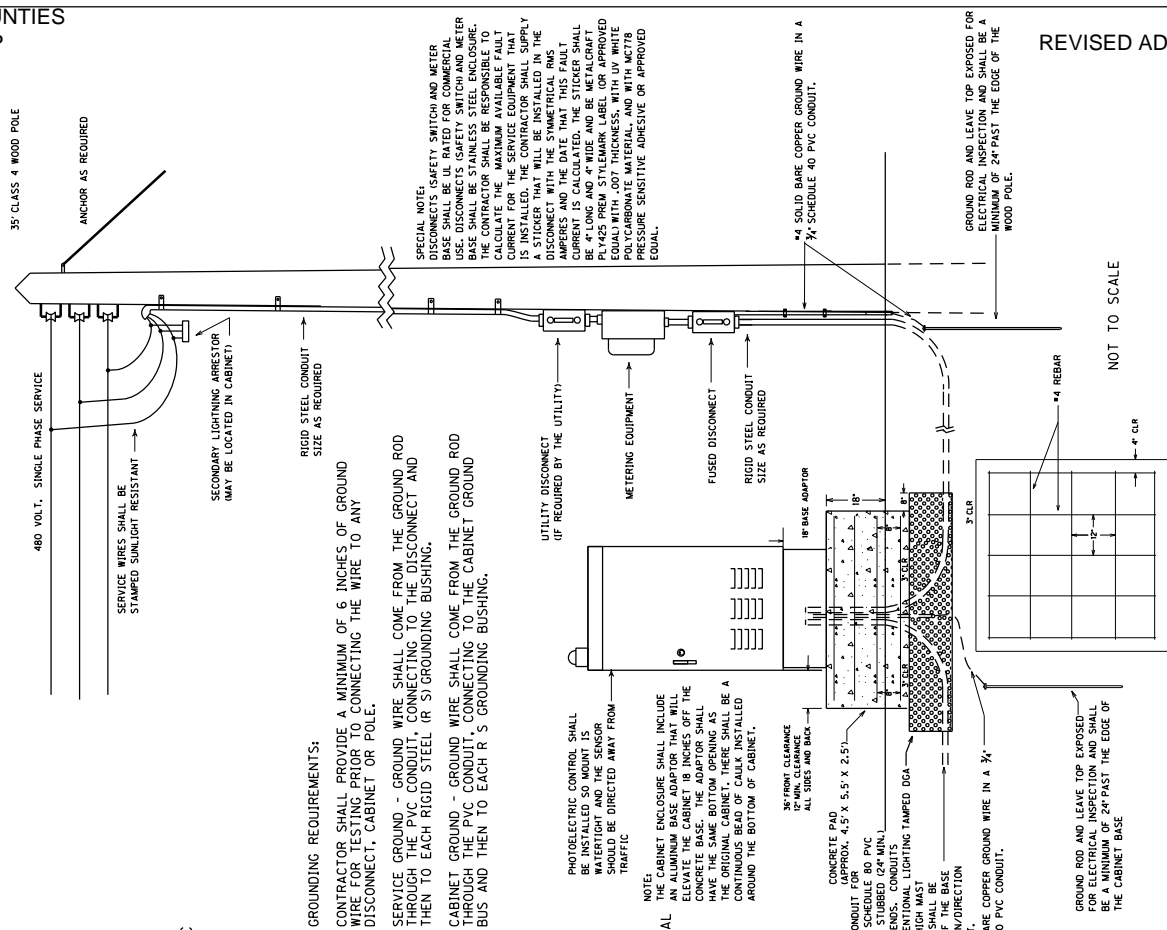
ALL EXPOSED CONDUIT MUST BE SECURED IN PLACE ACCORDING TO THE NATIONAL ELECTRIC CODE WITH CONDUIT STRAPS/OR METHODS AS APPROVED BY THE ENGINEER.

ALL SPLICES NOTED ON THIS PLAN SHALL BE APPROVED BY CENTRAL OFFICE TRAFFIC OPERATIONS. THESE SPLICES SHALL BE WATERPROOF AND SHALL BE OF THE CORRECT SIZE FOR THE WIRE USED AND SHALL BE RAYCHEM GTAP-21818), OR APPROVED EQUAL. ALL SPLICES SHALL BE INCIDENTAL TO THE WIRE AND CABLE BEING INSTALLED.

UPON COMPLETION OF THE PROJECT AND AN INSPECTION WILL BE CARRIED OUT AFTER THE LIGHTING IS FUNCTIONAL TO VERIFY PROPER ILLUMINATION, OTHER OPERATIONAL FEATURES, AND AN INSULATION TEST OF ALL WIRING AS WELL AS GROUNDING RESISTANCE. ALL ROADWAY LIGHTING CIRCUITS MUST PASS AN INSULATION TEST OF 100 MILLION OHMS TO GROUND. GROUND RODS SHALL HAVE A RESISTANCE TO GROUND NOT TO EXCEED 25 OHMS. IF GROUND RESISTANCE EXCEEDS 25 OHMS, THERE SHALL BE TWO OR MORE GROUND RODS CONNECTED IN PARALLEL UNTIL IT MEETS THIS VALUE.

ROADWAY LIGHTING ESTIMATES  
OF QUANTITIES  
I-65 SPUR - DISTRICT 2

ITEM NO.	COUNTY OF
2-2095000	VARIOUS



**GROUNDING REQUIREMENTS:**

CONTRACTOR SHALL PROVIDE A MINIMUM OF 6 INCHES OF GROUND WIRE FOR TESTING PRIOR TO CONNECTING THE WIRE TO ANY DISCONNECT, CABINET OR POLE.

SERVICE GROUND - GROUND WIRE SHALL COME FROM THE GROUND ROD THROUGH THE PVC CONDUIT, CONNECTING TO THE DISCONNECT AND CABINET GROUND - GROUND WIRE SHALL COME FROM THE GROUND ROD THROUGH THE PVC CONDUIT, CONNECTING TO THE CABINET GROUND BUS AND THEN TO EACH R/S GROUNDING BUSHING.

PHOTOELECTRIC CONTROL SHALL BE INSTALLED SO MOUNT IS WATERIGHT AND THE SENSOR SHALL BE DIRECTED AWAY FROM TRAFFIC

NOTE: THE CABINET ENCLOSURE SHALL INCLUDE AN ALUMINUM BASE ADAPTOR THAT WILL ELEVATE THE CABINET 18 INCHES OFF THE CONCRETE BASE. THE ADAPTOR SHALL HAVE THE SAME BOTTOM OPENING AS THE CABINET. THE ADAPTOR SHALL BE A CONTINUOUS BEAD OF CALK, INSTALLED AROUND THE BOTTOM OF CABINET.

CONCRETE PAD (APPROX. 4.5' X 5.5' X 2.5') SHALL BE 2" FOR CONVENTIONAL LIGHTING TAMPED DCA AND 3" FOR HIGH MAST CIRCUITS AND 3" FOR HIGH MAST CIRCUITS. THE LOCATION/DIRECTION OF THE SPARE CONDUIT.

4" SOLID BARE COPPER GROUND WIRE IN 4" SCHEDULE 40 PVC CONDUIT.

GROUND ROD AND LEAVE TOP EXPOSED FOR ELECTRICAL INSPECTION AND SHALL BE A MINIMUM OF 24" PAST THE EDGE OF THE WOOD POLE.

GROUND ROD AND LEAVE TOP EXPOSED - SHALL BE A MINIMUM OF 24" PAST THE EDGE OF THE CABINET BASE

4" REBAR SHALL BE COMPRISED OF RUNS AS SHOWN AND TIED AT EACH JOINT.

ALL CONSTRUCTION TO INCLUDE EXCAVATION WORK AND MATERIALS CONCRETE, STEEL REINFORCEMENT, ETC. FOR THIS CONCRETE AND SHALL BE INSTALLED TO THE POLE FOR THE LIGHTING CONTROL EQUIPMENT BID ITEM.

ALL CONDUITS USED FOR GROUNDING, SPARE, AND SERVICE THAT ARE INSTALLED ON THE POLE AND/OR IN/TO THE CABINET ARE INCIDENTAL TO BID ITEM #4761. THIS INCLUDES PROVIDING A MINIMUM OF 24 INCHES OF CONDUIT PAST THE EDGE OF THE CABINET BASE FOR THE SPARE.

CONCRETE SHALL BE CLASS A. CONCRETE SHALL BE POURED ON 12" OF POWER TAMPED DENSE GRADE ROCK. PAD SHALL BE 30" THICK WITH 18" ABOVE GRADE.

PAD SHALL BE OF SUFFICIENT SIZE TO ALLOW A MINIMUM 36" IN FRONT OF THE CABINET AND 12" MINIMUM CLEARANCE AROUND THE SIDES AND BACK OF THE CABINET.

CONCRETE SHALL BE SLOPED 1/8" PER FOOT TO PREVENT STANDING WATER. OUTSIDE EDGE SHALL HAVE A ONE INCH CHAMFER.

**NOTES:**

CONTRACTOR SHALL INSTALL ALL LIGHTING CONTROL EQUIPMENT AS INDICATED.

CONCRETE SHALL BE CLASS A. CONCRETE SHALL BE POURED ON 12" OF POWER TAMPED DENSE GRADE ROCK. PAD SHALL BE 30" THICK WITH 18" ABOVE GRADE.

PAD SHALL BE OF SUFFICIENT SIZE TO ALLOW A MINIMUM 36" IN FRONT OF THE CABINET AND 12" MINIMUM CLEARANCE AROUND THE SIDES AND BACK OF THE CABINET.

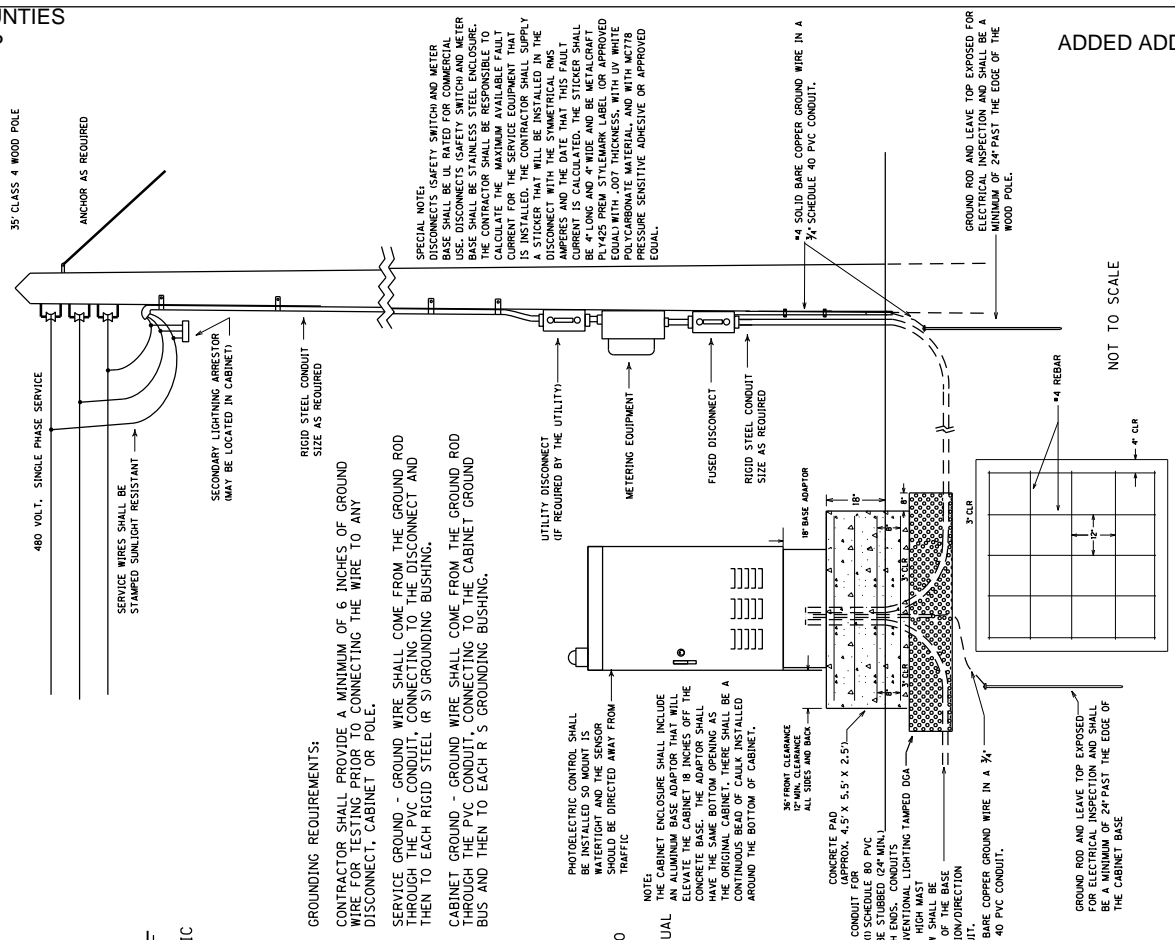
CONCRETE SHALL BE SLOPED 1/8" PER FOOT TO PREVENT STANDING WATER. OUTSIDE EDGE SHALL HAVE A ONE INCH CHAMFER.

TYPICAL

NOT TO SCALE

BASE MOUNTED SERVICE  
DETAIL Ex. 1

ITEM NO.	COUNTY OF
2-2095000	VARIOUS



**GROUNDING REQUIREMENTS:**  
CONTRACTOR SHALL PROVIDE A MINIMUM OF 6 INCHES OF GROUND WIRE FOR TESTING PRIOR TO CONNECTING THE WIRE TO ANY DISCONNECT, CABINET OR POLE.

SERVICE GROUND - GROUND WIRE SHALL COME FROM THE GROUND ROD THROUGH THE PVC CONDUIT, CONNECTING TO THE DISCONNECT AND CABINET GROUND - GROUND WIRE SHALL COME FROM THE GROUND ROD THROUGH THE PVC CONDUIT, CONNECTING TO THE CABINET GROUND BUS AND THEN TO EACH R/S GROUNDING BUSHING.

PHOTOELECTRIC CONTROL SHALL BE INSTALLED SO MOUNT IS WATERIGHT AND THE SENSOR SHALL BE DIRECTED AWAY FROM TRAFFIC

NOTE: THE CABINET ENCLOSURE SHALL INCLUDE AN ALUMINUM BASE ADAPTOR THAT WILL ELEVATE THE CABINET 18 INCHES OFF THE CONCRETE BASE. THE ADAPTOR SHALL HAVE THE SAME BOTTOM OPENING AS THE CABINET. THE ADAPTOR SHALL BE A CONTINUOUS BEAD OF CALK, INSTALLED AROUND THE BOTTOM OF CABINET.

CONCRETE PAD (APPROX. 4.5' X 5.5' X 2.5')  
SCHEDULE 80 PVC CONDUIT FOR PHOTOELECTRIC CONTROL AND SPARE CONDUIT TO BE STUBBED (2" MIN.) AND CAPPED ON BOTH ENDS. CONDUITS SHALL BE 2" FOR CONVENTIONAL LIGHTING TAMPED DGA CIRCUITS AND 3" FOR HIGH MAST CIRCUITS AND SHALL BE CLEARLY MARKED ON THE TOP OF THE BASE TO SHOW THE LOCATION/DIRECTION OF THE SPARE CONDUIT.

#4 SOLID BARE COPPER GROUND WIRE IN 4" SCHEDULE 40 PVC CONDUIT.

GROUND ROD AND LEAVE TOP EXPOSED - SHALL BE A MINIMUM OF 24" PAST THE EDGE OF THE CABINET BASE

#4 REBAR SHALL BE COMPRISED OF RUNS AS SHOWN AND TIED AT EACH JOINT.

ALL CONSTRUCTION TO INCLUDE EXCAVATION WORK AND MATERIALS (CONCRETE, STEEL REINFORCEMENT, ETC.) FOR THIS CONSTRUCTION SHALL BE IDENTIFIED TO THE POLE FOR THE LIGHTING CONTROL EQUIPMENT BID ITEM.

CONCRETE SHALL BE CLASS A. CONCRETE SHALL BE POURED ON 12" OF POWER TAMPED DENSE GRADE ROCK. PAD SHALL BE 30" THICK WITH 18" ABOVE GRADE.

PAD SHALL BE OF SUFFICIENT SIZE TO ALLOW A MINIMUM 36" IN FRONT OF THE CABINET AND 12" MINIMUM CLEARANCE AROUND THE SIDES AND BACK OF THE CABINET.

CONCRETE SHALL BE SLOPED 1/8" PER FOOT TO PREVENT STANDING WATER. OUTSIDE EDGE SHALL HAVE A ONE INCH CHAMFER.

**NOTES:**

CONTRACTOR SHALL INSTALL ALL LIGHTING CONTROL EQUIPMENT AS INDICATED.

CONCRETE SHALL BE CLASS A. CONCRETE SHALL BE POURED ON 12" OF POWER TAMPED DENSE GRADE ROCK. PAD SHALL BE 30" THICK WITH 18" ABOVE GRADE.

PAD SHALL BE OF SUFFICIENT SIZE TO ALLOW A MINIMUM 36" IN FRONT OF THE CABINET AND 12" MINIMUM CLEARANCE AROUND THE SIDES AND BACK OF THE CABINET.

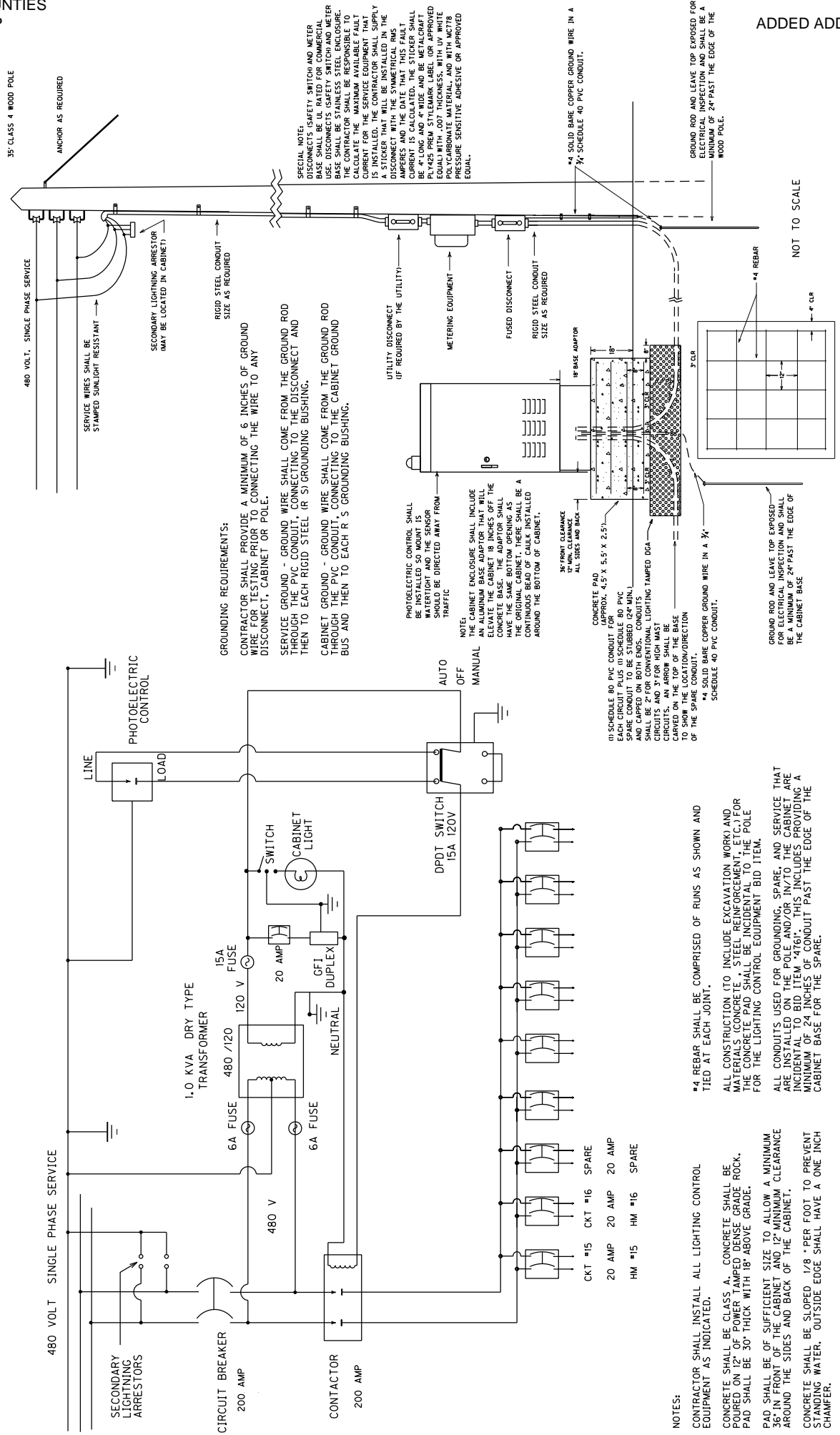
CONCRETE SHALL BE SLOPED 1/8" PER FOOT TO PREVENT STANDING WATER. OUTSIDE EDGE SHALL HAVE A ONE INCH CHAMFER.

TYPICAL

NOT TO SCALE

BASE MOUNTED SERVICE  
DETAIL EX. 2

ITEM NO.	COUNTY OF
2-2095000	VARIOUS



**GROUNDING REQUIREMENTS:**

CONTRACTOR SHALL PROVIDE A MINIMUM OF 6 INCHES OF GROUND WIRE FOR TESTING PRIOR TO CONNECTING THE WIRE TO ANY DISCONNECT, CABINET OR POLE.

SERVICE GROUND - GROUND WIRE SHALL COME FROM THE GROUND ROD THROUGH THE PVC CONDUIT, CONNECTING TO THE DISCONNECT AND CABINET GROUND - GROUND WIRE SHALL COME FROM THE GROUND ROD THROUGH THE PVC CONDUIT, CONNECTING TO THE CABINET GROUND BUS AND THEN TO EACH R/S GROUNDING BUSHING.

**NOTE:**

PHOTOELECTRIC CONTROL SHALL BE INSTALLED SO MOUNT IS WATERIGHT AND THE SENSOR SHALL BE DIRECTED AWAY FROM TRAFFIC

NOTE: THE CABINET ENCLOSURE SHALL INCLUDE AN ALUMINUM BASE ADAPTOR THAT WILL ELEVATE THE CABINET 18 INCHES OFF THE CONCRETE BASE. THE ADAPTOR SHALL HAVE THE SAME BOTTOM OPENING AS THE CABINET. THE ADAPTOR SHALL BE A CONTINUOUS BEAD OF CALK, INSTALLED AROUND THE BOTTOM OF CABINET.

**NOTE:**

CONCRETE PAD (APPROX. 4.5' X 5.5' X 2.5') SHALL BE 2" FOR CONVENTIONAL LIGHTING TAMPED DGA CIRCLES AND 3" FOR HIGH MAST CIRCLES. THE LOCATION/DIRECTION OF THE SPARE CONDUIT SHALL BE SHOWN ON THE TOP OF THE BASE

CONCRETE PAD SHALL BE 2" FOR CONVENTIONAL LIGHTING TAMPED DGA CIRCLES AND 3" FOR HIGH MAST CIRCLES. THE LOCATION/DIRECTION OF THE SPARE CONDUIT SHALL BE SHOWN ON THE TOP OF THE BASE

**NOTES:**

- CONTRACTOR SHALL INSTALL ALL LIGHTING CONTROL EQUIPMENT AS INDICATED.
- CONCRETE SHALL BE CLASS A. CONCRETE SHALL BE POURED ON 12" OF POWER TAMPED DENSE GRADE ROCK. PAD SHALL BE 30" THICK WITH 18" ABOVE GRADE.
- PAD SHALL BE OF SUFFICIENT SIZE TO ALLOW A MINIMUM 36" IN FRONT OF THE CABINET AND 12" MINIMUM CLEARANCE AROUND THE SIDES AND BACK OF THE CABINET.
- CONCRETE SHALL BE SLOPED 1/8" PER FOOT TO PREVENT STANDING WATER. OUTSIDE EDGE SHALL HAVE A ONE INCH CHAMFER.
- \*4 REBAR SHALL BE COMPRISED OF RUNS AS SHOWN AND TIED AT EACH JOINT.
- ALL CONSTRUCTION (TO INCLUDE EXCAVATION WORK) AND MATERIALS (CONCRETE, STEEL REINFORCEMENT, ETC.) FOR THIS CONSTRUCTION SHALL BE INSTANTLY BID ITEM FOR THE LIGHTING CONTROL EQUIPMENT BID ITEM.
- ALL CONDUITS USED FOR GROUNDING, SPARE, AND SERVICE THAT ARE INSTALLED ON THE POLE AND/OR IN/TO THE CABINET ARE INCIDENTAL TO BID ITEM \*4761. THIS INCLUDES PROVIDING A MINIMUM OF 24 INCHES OF CONDUIT PAST THE EDGE OF THE CABINET BASE FOR THE SPARE.

**SPECIAL NOTE:**  
DISCONNECTS (SAFETY SWITCH AND METER BASE SHALL BE UL RATED FOR COMMERCIAL USE. DISCONNECTS (SAFETY SWITCH AND METER BASE SHALL BE STAINLESS STEEL ENCLOSURE. THE CONTRACTOR SHALL BE RESPONSIBLE TO CALCULATE THE MAXIMUM AVAILABLE FAULT CURRENT FOR THE SERVICE EQUIPMENT THAT IS INSTALLED. THE CONTRACTOR SHALL SUPPLY A STICKER THAT WILL BE INSTALLED IN THE DISCONNECT WITH THE SYMETHICK AND THE DISCONNECT. THE STICKER SHALL BE 4" LONG AND 4" WIDE AND BE METALCRAFT PL 1425 PREAM STYLEMARK LABEL (OR APPROVED EQUAL) WITH .007 THICKNESS. WITH UV WHITE INK. THE STICKER SHALL BE PRESSURE SENSITIVE ADHESIVE OR APPROVED EQUAL.

\*4 SOLID BARE COPPER GROUND WIRE IN A 3/4" SCHEDULE 40 PVC CONDUIT.

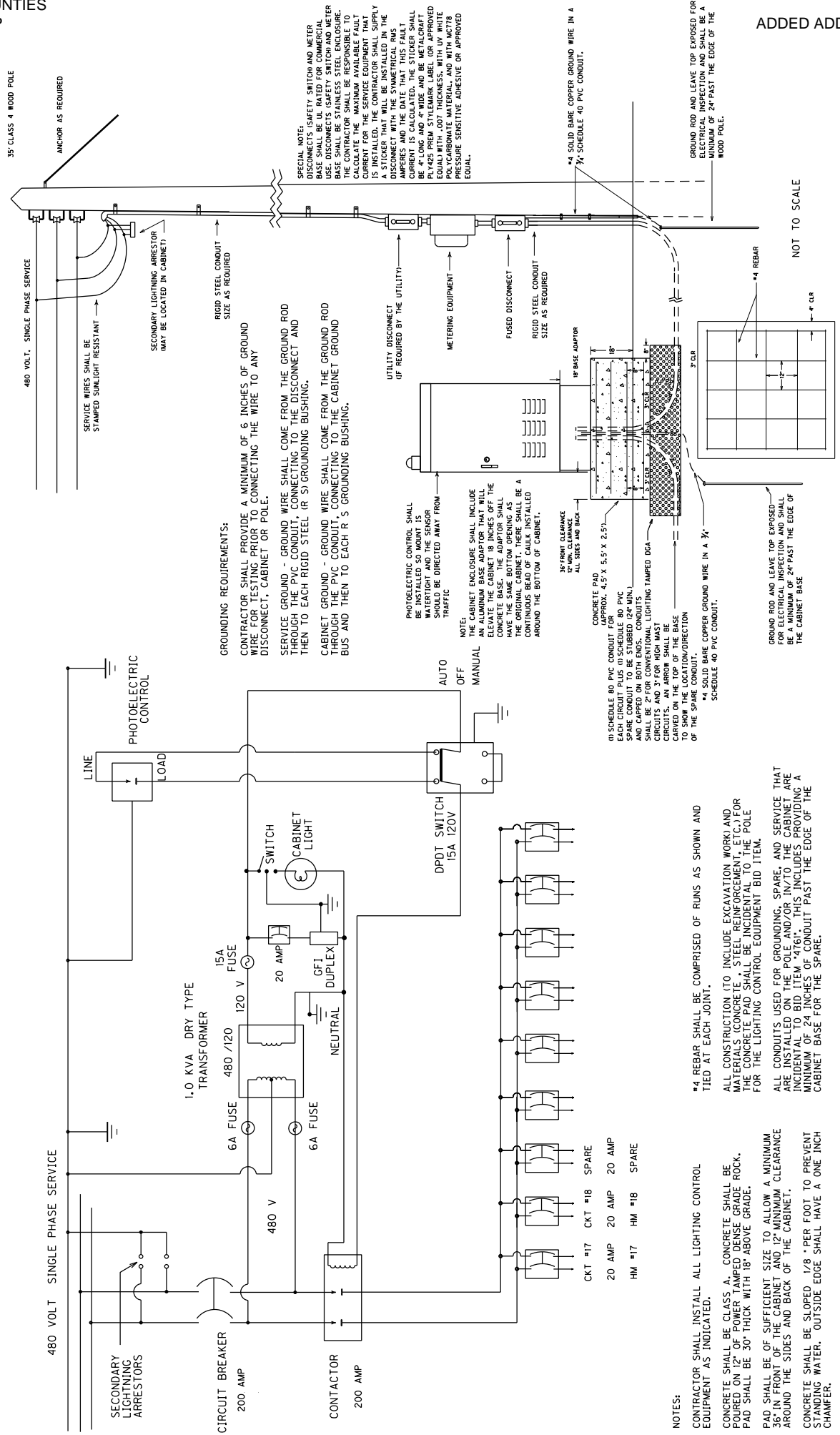
GROUND ROD AND LEAVE TOP EXPOSED FOR ELECTRICAL INSPECTION AND SHALL BE A MINIMUM OF 24" PAST THE EDGE OF THE WOOD POLE.

NOT TO SCALE

TYPICAL

BASE MOUNTED SERVICE  
DETAIL LCCC

ITEM NO.	COUNTY OF
2-209	VARIOUS



**GROUNDING REQUIREMENTS:**

CONTRACTOR SHALL PROVIDE A MINIMUM OF 6 INCHES OF GROUND WIRE FOR TESTING PRIOR TO CONNECTING THE WIRE TO ANY DISCONNECT, CABINET OR POLE.

SERVICE GROUND - GROUND WIRE SHALL COME FROM THE GROUND ROD THROUGH THE PVC CONDUIT, CONNECTING TO THE DISCONNECT AND CABINET GROUND - GROUND WIRE SHALL COME FROM THE GROUND ROD THROUGH THE PVC CONDUIT, CONNECTING TO THE CABINET GROUND BUS AND THEN TO EACH R/S GROUNDING BUSHING.

**PHOTOELECTRIC CONTROL SHALL**

BE INSTALLED SO MOUNT IS WATERIGHT AND THE SENSOR SHALL BE DIRECTED AWAY FROM TRAFFIC

NOTE: THE CABINET ENCLOSURE SHALL INCLUDE AN ALUMINUM BASE ADAPTOR THAT WILL ELEVATE THE CABINET 18 INCHES OFF THE CONCRETE BASE. THE ADAPTOR SHALL HAVE THE SAME BOTTOM OPENING AS THE CABINET. THE ADAPTOR SHALL BE A CONTINUOUS BEAD OF CALK, INSTALLED AROUND THE BOTTOM OF CABINET.

**CONCRETE PAD**

(1) SCHEDULE 80 PVC CONDUIT FOR APPROX. 4.5' X 5.5' X 2.5' (2) SCHEDULE 80 PVC CONDUIT FOR SPARE CONDUIT TO BE STUBBED (24\"/>

\*4 REBAR SHALL BE COMPRISED OF RUNS AS SHOWN AND TIED AT EACH JOINT.

ALL CONSTRUCTION TO INCLUDE EXCAVATION WORK AND MATERIALS CONCRETE, STEEL REINFORCEMENT, ETC. FOR THIS CONSTRUCTION SHALL BE IDENTIFIED TO THE POLE FOR THE LIGHTING CONTROL EQUIPMENT BID ITEM.

ALL CONDUITS USED FOR GROUNDING, SPARE, AND SERVICE THAT ARE INSTALLED ON THE POLE AND/OR IN/TO THE CABINET ARE INCIDENTAL TO BID ITEM \*4761\*. THIS INCLUDES PROVIDING A MINIMUM OF 24 INCHES OF CONDUIT PAST THE EDGE OF THE CABINET BASE FOR THE SPARE.

**NOTES:**

CONTRACTOR SHALL INSTALL ALL LIGHTING CONTROL EQUIPMENT AS INDICATED.

CONCRETE SHALL BE CLASS A. CONCRETE SHALL BE POURED ON 12\"/>

PAD SHALL BE OF SUFFICIENT SIZE TO ALLOW A MINIMUM 36\"/>

CONCRETE SHALL BE SLOPED 1/8\"/>

**SPECIAL NOTE:**

DISCONNECTS (SAFETY SWITCH AND METER BASE SHALL BE UL RATED FOR COMMERCIAL USE. DISCONNECTS (SAFETY SWITCH AND METER BASE SHALL BE STAINLESS STEEL ENCLOSURE. THE CONTRACTOR SHALL BE RESPONSIBLE TO CALCULATE THE MAXIMUM AVAILABLE FAULT CURRENT FOR THE SERVICE EQUIPMENT THAT IS INSTALLED. THE CONTRACTOR SHALL SUPPLY A STICKER THAT WILL BE INSTALLED IN THE DISCONNECT WITH THE SYMETHICK AND THE DISCONNECT. THE STICKER SHALL BE 4\"/>

\*4 SOLID BARE COPPER GROUND WIRE IN A 3/4\"/>

GROUND ROD AND LEAVE TOP EXPOSED FOR ELECTRICAL INSPECTION AND SHALL BE A MINIMUM OF 24\"/>

NOT TO SCALE

TYPICAL

BASE MOUNTED SERVICE  
DETAIL LCCC

ITEM NO.	2-209000
COUNTY OF	OHIO

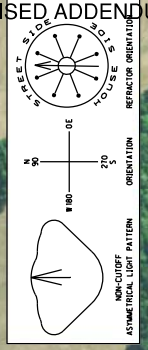
**DESIGN CRITERIA FOR LED LIGHTING @ EXIT 43**  
 OVERALL ILLUMINANCE (Fc)  
 AVERAGE: 0.78  
 MAXIMUM: 3.4  
 MINIMUM: 0.1  
 AVG./MIN: 7.80

**NOTE:**  
 ALL LED LUMINAIRES SHALL BE NO MORE THAN 627 WATTS AND IES TYPE III.

EXISTING LIGHTING CONTROL CENTER AND POWER SOURCE, 480 VOLT, 1 PHASE ELECTRIC SERVICE.

NEW LIGHTING CONTROL CABINET

**NOTE:**  
 HIGH MAST POLES SHALL BE PLACED AS SHOWN ON PLANS AND UNLESS OTHERWISE STATED ON PLANS TO PROVIDE PROPER ILLUMINATION, IF ANY POLE NEEDS TO BE LOCATED MORE THAN 20' FROM THE STATION INDICATED, C.O. TRAFFIC SHALL BE CONTACTED AT 502-564-3020.



SCALE: 1" = 50'

EXIT 43

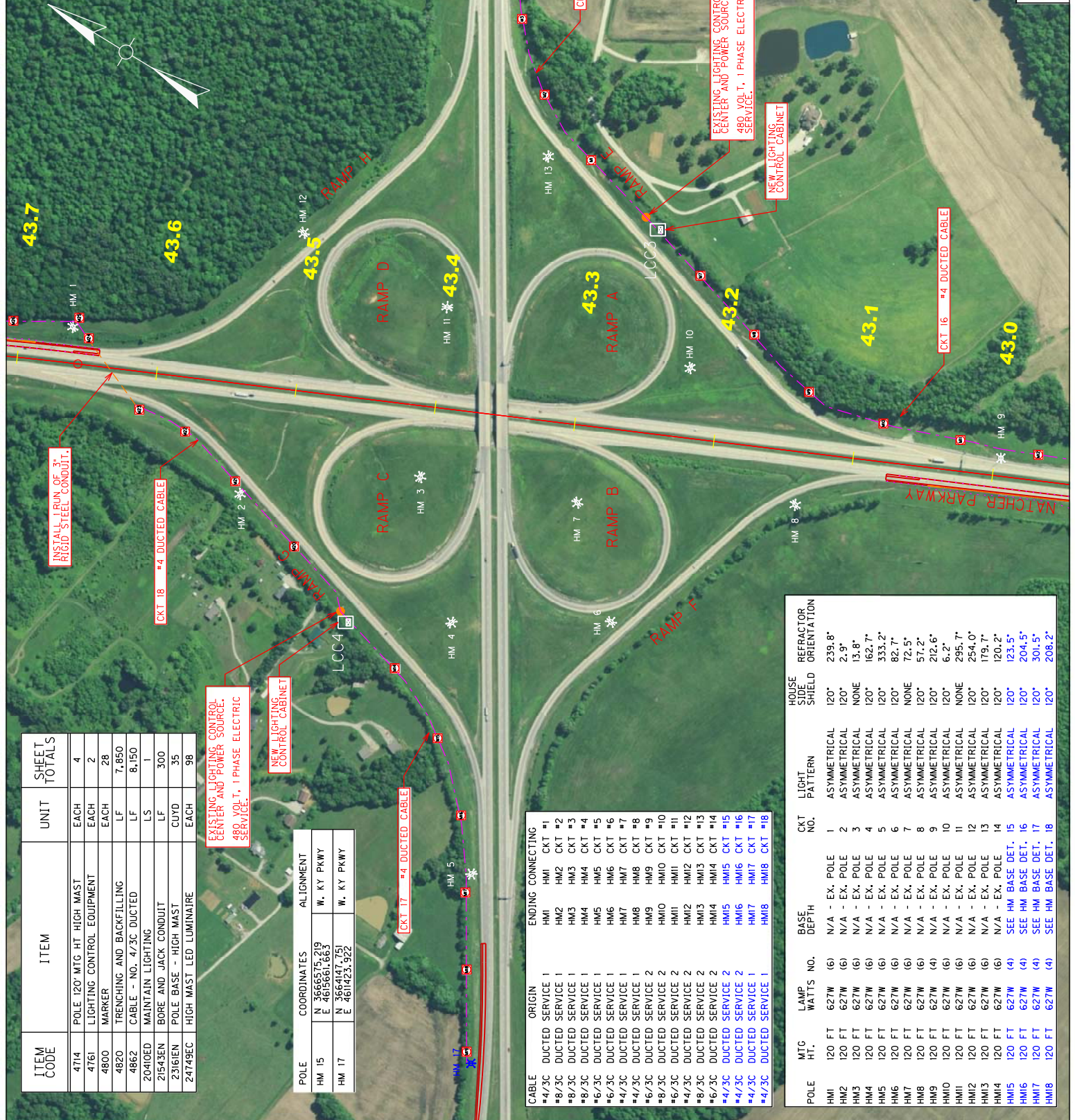
BULB REPLACEMENT LAYOUT SHEET

ITEM CODE	ITEM	UNIT	SHEET TOTALS
4714	POLE 120' MTG HT HIGH MAST	EACH	4
4761	LIGHTING CONTROL EQUIPMENT	EACH	2
4800	MARKER	EACH	28
4820	TRENCHING AND BACKFILLING	LF	7,850
4862	CABLE - NO. 4/3C DUCTED	LF	8,150
2040ED	MAINTAIN LIGHTING	LS	1
21543EN	BORE AND JACK CONDUIT	LF	300
23161EN	POLE BASE - HIGH MAST	CUYD	35
24749EC	HIGH MAST LED LUMINAIRE	EACH	98

POLE	COORDINATES	ALIGNMENT
HM 15	N 3666575.219 E 3653116.619	W, KY PKWY
HM 17	N 3654041.751 E 3651423.922	W, KY PKWY

CABLE	ORIGIN	ENDING	CONNECTING
#4/3C DUCTED SERVICE 1	HM1	HM1	CKT #1
#8/3C DUCTED SERVICE 1	HM2	HM2	CKT #2
#8/3C DUCTED SERVICE 1	HM3	HM3	CKT #3
#8/3C DUCTED SERVICE 1	HM4	HM4	CKT #4
#6/3C DUCTED SERVICE 1	HM5	HM5	CKT #5
#6/3C DUCTED SERVICE 1	HM6	HM6	CKT #6
#4/3C DUCTED SERVICE 1	HM7	HM7	CKT #7
#4/3C DUCTED SERVICE 1	HM8	HM8	CKT #8
#6/3C DUCTED SERVICE 2	HM9	HM9	CKT #9
#6/3C DUCTED SERVICE 2	HM10	HM10	CKT #10
#6/3C DUCTED SERVICE 2	HM11	HM11	CKT #11
#4/3C DUCTED SERVICE 2	HM12	HM12	CKT #12
#8/3C DUCTED SERVICE 2	HM13	HM13	CKT #13
#6/3C DUCTED SERVICE 2	HM14	HM14	CKT #14
#4/3C DUCTED SERVICE 2	HM15	HM15	CKT #15
#4/3C DUCTED SERVICE 2	HM16	HM16	CKT #16
#4/3C DUCTED SERVICE 1	HM17	HM17	CKT #17
#4/3C DUCTED SERVICE 1	HM18	HM18	CKT #18

POLE	MTG. HT.	LAMP WATTS	NO.	BASE DEPTH	CT NO.	LIGHT PATTERN	HOUSE SIDE SHIELD	REFRACTOR ORIENTATION
HM1	120 FT	627W	(6)	N/A - EX. POLE	1	ASYMMETRICAL	120"	239.8"
HM2	120 FT	627W	(6)	N/A - EX. POLE	2	ASYMMETRICAL	120"	2.9"
HM3	120 FT	627W	(6)	N/A - EX. POLE	3	ASYMMETRICAL	NONE	13.8"
HM4	120 FT	627W	(6)	N/A - EX. POLE	4	ASYMMETRICAL	120"	162.7"
HM5	120 FT	627W	(6)	N/A - EX. POLE	5	ASYMMETRICAL	120"	333.2"
HM6	120 FT	627W	(6)	N/A - EX. POLE	6	ASYMMETRICAL	120"	82.7"
HM7	120 FT	627W	(6)	N/A - EX. POLE	7	ASYMMETRICAL	NONE	72.5"
HM8	120 FT	627W	(6)	N/A - EX. POLE	8	ASYMMETRICAL	120"	57.2"
HM9	120 FT	627W	(6)	N/A - EX. POLE	9	ASYMMETRICAL	120"	212.6"
HM10	120 FT	627W	(6)	N/A - EX. POLE	10	ASYMMETRICAL	120"	6.2"
HM11	120 FT	627W	(6)	N/A - EX. POLE	11	ASYMMETRICAL	NONE	295.7"
HM12	120 FT	627W	(6)	N/A - EX. POLE	12	ASYMMETRICAL	120"	254.0"
HM13	120 FT	627W	(6)	N/A - EX. POLE	13	ASYMMETRICAL	120"	179.7"
HM14	120 FT	627W	(6)	N/A - EX. POLE	14	ASYMMETRICAL	120"	120.2"
HM15	120 FT	627W	(4)	SEE HM BASE DET.	15	ASYMMETRICAL	120"	123.5"
HM16	120 FT	627W	(4)	SEE HM BASE DET.	16	ASYMMETRICAL	120"	204.5"
HM17	120 FT	627W	(4)	SEE HM BASE DET.	17	ASYMMETRICAL	120"	301.5"
HM18	120 FT	627W	(4)	SEE HM BASE DET.	18	ASYMMETRICAL	120"	208.2"



# MATERIAL SUMMARY

**CONTRACT ID: 181212**

**121GR18D012 - NHPP**

**DE0301651812**

I-65 IN DAVIESS COUNTY I-65 SPUR CORRIDOR; MODERNIZATION OF EXISITING NATCHER PARKWAY FROM THE OHIO COUNTY LINE TO THE US 60 INTERCHANGE IN OWENSBORO ASPHALT REHAB INTERSTATE/PARKWAY, A DISTANCE OF 10.71 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0720	00003	CRUSHED STONE BASE	1,035.00	TON
0725	00078	CRUSHED AGGREGATE SIZE NO 2	1,506.00	TON
0730	00212	CL2 ASPH BASE 1.00D PG64-22	1,110.00	TON
0735	00214	CL3 ASPH BASE 1.00D PG64-22 - (REVISED: 5-23-18)	18,544.00	TON
0740	00216	CL3 ASPH BASE 1.00D PG76-22	799.00	TON
0745	00309	CL2 ASPH SURF 0.50D PG64-22	229.00	TON
0750	00332	CL3 ASPH SURF 0.50A PG76-22	33,518.00	TON
0755	00356	ASPHALT MATERIAL FOR TACK - (REVISED: 5-18-18)	90.27	TON
0760	01000	PERFORATED PIPE-4 IN	720.00	LF
0765	01010	NON-PERFORATED PIPE-4 IN	96.00	LF
0770	01028	PERF PIPE HEADWALL TY 3-4 IN	24.00	EACH
0775	02677	ASPHALT PAVE MILLING & TEXTURING - (REVISED: 5-23-18)	1,415.00	TON
0780	20509ED	BLOW UP/RELIEF JOINT - (B)	184.86	SQYD
0785	20509ED	BLOW UP/RELIEF JOINT - (C)	284.40	SQYD
0790	22861EN	HIGH STRENGTH GEOTEXTILE FABRIC TY V	31,944.00	SQYD
0795	00078	CRUSHED AGGREGATE SIZE NO 2	995.00	TON
0800	00212	CL2 ASPH BASE 1.00D PG64-22 - (REVISED: 5-18-18)	879.00	TON
0805	01005	PERFORATED PIPE EDGE DRAIN-4 IN	225,907.00	LF
0810	01010	NON-PERFORATED PIPE-4 IN	18,897.00	LF
0815	01015	INSPECT & CERTIFY EDGE DRAIN SYSTEM - (DAVISS COUNTY)	1.00	LS
0820	01020	PERF PIPE HEADWALL TY 1-4 IN	60.00	EACH
0825	01024	PERF PIPE HEADWALL TY 2-4 IN	60.00	EACH
0830	01028	PERF PIPE HEADWALL TY 3-4 IN - (REPLACED DAMAGED)	93.00	EACH
0835	01310	REMOVE PIPE - (EDGE DRAINS)	225,907.00	LF
0840	01502	DROP BOX INLET TYPE 5A	1.00	EACH
0845	01511	DROP BOX INLET TYPE 5D	3.00	EACH
0850	01690	FLUME INLET TYPE 1	3.00	EACH
0855	01691	FLUME INLET TYPE 2	14.00	EACH
0860	01890	ISLAND HEADER CURB TYPE 1	450.00	LF
0865	01982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	1,072.00	EACH
0870	01983	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	139.00	EACH
0875	01984	DELINEATOR FOR BARRIER - WHITE	63.00	EACH
0880	01985	DELINEATOR FOR BARRIER - YELLOW	63.00	EACH
0885	02003	RELOCATE TEMP CONC BARRIER	4,440.00	LF
0890	02014	BARRICADE-TYPE III	8.00	EACH
0895	02091	REMOVE PAVEMENT	3,200.00	SQYD
0900	02159	TEMP DITCH	7,920.00	LF
0905	02160	CLEAN TEMP DITCH	3,960.00	LF
0910	02165	REMOVE PAVED DITCH	1,000.00	SQYD



## MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0915	02200	ROADWAY EXCAVATION	3,445.00	CUYD
0920	02223	GRANULAR EMBANKMENT	50.00	CUYD
0925	02237	DITCHING	57,776.00	LF
0930	02242	WATER	1,000.00	MGAL
0935	02363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	24.00	EACH
0940	02365	CRASH CUSHION TYPE IX-A	12.00	EACH
0945	02367	GUARDRAIL END TREATMENT TYPE 1	10.00	EACH
0950	02369	GUARDRAIL END TREATMENT TYPE 2A	49.00	EACH
0955	02381	REMOVE GUARDRAIL	58,850.00	LF
0960	02387	GUARDRAIL CONNECTOR TO BRIDGE END TY A-1	12.00	EACH
0965	02391	GUARDRAIL END TREATMENT TYPE 4A	39.00	EACH
0970	02483	CHANNEL LINING CLASS II	695.00	TON
0975	02545	CLEARING AND GRUBBING - (APPROXIMATELY 0.5 ACRES, DAVIESS COUNTY)	1.00	LS
0980	02562	TEMPORARY SIGNS	1,512.00	SQFT
0985	02565	OBJECT MARKER TYPE 2	24.00	EACH
0990	02596	FABRIC-GEOTEXTILE TYPE I	1,390.00	SQYD
0995	02599	FABRIC-GEOTEXTILE TYPE IV	100.00	SQYD
1000	02650	MAINTAIN & CONTROL TRAFFIC - (DAVIESS COUNTY)	1.00	LS
1005	02671	PORTABLE CHANGEABLE MESSAGE SIGN	4.00	EACH
1010	02676	MOBILIZATION FOR MILL & TEXT - (DAVIESS COUNTY)	1.00	LS
1015	02677	ASPHALT PAVE MILLING & TEXTURING	34,012.00	TON
1020	02696	SHOULDER RUMBLE STRIPS	227,107.00	LF
1025	02701	TEMP SILT FENCE	9,220.00	LF
1030	02703	SILT TRAP TYPE A	13.00	EACH
1035	02704	SILT TRAP TYPE B	15.00	EACH
1040	02705	SILT TRAP TYPE C	81.00	EACH
1045	02706	CLEAN SILT TRAP TYPE A	13.00	EACH
1050	02707	CLEAN SILT TRAP TYPE B	15.00	EACH
1055	02708	CLEAN SILT TRAP TYPE C	81.00	EACH
1060	02726	STAKING - (DAVIESS COUNTY)	1.00	LS
1065	02775	ARROW PANEL	3.00	EACH
1070	02898	RELOCATE CRASH CUSHION	6.00	EACH
1075	02929	CRASH CUSHION TYPE IX	12.00	EACH
1080	03171	CONCRETE BARRIER WALL TYPE 9T	4,440.00	LF
1085	03260	CLEAN ROADWAY DRAINS	9.00	EACH
1090	05950	EROSION CONTROL BLANKET	59,664.00	SQYD
1095	05952	TEMP MULCH	3,658.00	SQYD
1100	05952	TEMP MULCH	39,776.00	SQYD
1105	05953	TEMP SEEDING AND PROTECTION	30,198.00	SQYD
1110	05963	INITIAL FERTILIZER	6.24	TON
1115	05964	20-10-10 FERTILIZER	3.39	TON
1120	05985	SEEDING AND PROTECTION	4,195.00	SQYD
1125	05992	AGRICULTURAL LIMESTONE	3.93	TON
1130	06511	PAVE STRIPING-TEMP PAINT-6 IN	69,670.00	LF
1135	06515	PAVE STRIPING-PERM PAINT-6 IN	257,000.00	LF
1140	06517	PAVE STRIPING-PERM PAINT-12 IN	2,015.00	LF
1145	08500	APPROACH SLAB - (BRIDGE MP 64.5)	333.33	SQYD
1150	08500	APPROACH SLAB - (BRIDGE MP 64.8)	333.33	SQYD
1155	08500	APPROACH SLAB - (BRIDGE MP 65.0)	333.33	SQYD

## MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1160	08903	CRASH CUSHION TY VI CLASS BT TL3	7.00	EACH
1165	10020NS	FUEL ADJUSTMENT	56,778.00	DOLL
1170	10030NS	ASPHALT ADJUSTMENT	142,610.00	DOLL
1175	20071EC	JOINT ADHESIVE	227,251.00	LF
1180	20411ED	LAW ENFORCEMENT OFFICER	1,000.00	HOURL
1185	20758ED	REMOVE AND RESET PERF PIPE HEADWALL	725.00	EACH
1190	21597EN	REMOVE PERF PIPE HEADWALL - (DAMAGED)	180.00	EACH
1195	21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)	58,850.00	LF
1200	22664EN	WATER BLASTING EXISTING STRIPE	49,240.00	LF
1205	22883EN	CONCRETE WEDGE CURB	6,225.00	LF
1210	23496EC	MEDIAN CROSSOVER REMOVAL - (MP 67.0)	1.00	EACH
1215	23496EC	MEDIAN CROSSOVER REMOVAL - (MP 68.2)	1.00	EACH
1220	23496EC	MEDIAN CROSSOVER REMOVAL - (MP 72.0)	1.00	EACH
1225	24489EC	INLAID PAVEMENT MARKER	1,421.00	EACH
1230	24662EC	CLEAN - (AND INSPECT DROP BOX INLETS)	68.00	EACH
1235	24906ED	REGRADE SLOPE	537.00	SQYD
1240	24979ED	REGRADE - (MEDIAN TURN-AROUND/CROSSOVER MP 61.6)	1.00	EACH
1245	24984EC	TRANSVERSE IN-LANE RUMBLE STRIPS	6.00	EACH
1250	02998	MASONRY COATING	182.00	SQYD
1255	08504	EPOXY SAND SLURRY	74.00	SQYD
1260	08549	BLAST CLEANING	74.00	SQYD
1265	23032EN	BRIDGE BARRIER RETROFIT	399.00	LF
1270	02998	MASONRY COATING	182.00	SQYD
1275	08504	EPOXY SAND SLURRY	74.00	SQYD
1280	08549	BLAST CLEANING	74.00	SQYD
1285	23032EN	BRIDGE BARRIER RETROFIT	399.00	LF
1290	02998	MASONRY COATING	156.00	SQYD
1295	08504	EPOXY SAND SLURRY	66.00	SQYD
1300	08549	BLAST CLEANING	66.00	SQYD
1305	23032EN	BRIDGE BARRIER RETROFIT	347.00	LF
1310	02998	MASONRY COATING	156.00	SQYD
1315	08504	EPOXY SAND SLURRY	66.00	SQYD
1320	08549	BLAST CLEANING	66.00	SQYD
1325	23032EN	BRIDGE BARRIER RETROFIT	347.00	LF
1330	02998	MASONRY COATING	156.00	SQYD
1335	08504	EPOXY SAND SLURRY	66.00	SQYD
1340	08549	BLAST CLEANING	66.00	SQYD
1345	23032EN	BRIDGE BARRIER RETROFIT	347.00	LF
1350	02998	MASONRY COATING	156.00	SQYD
1355	08504	EPOXY SAND SLURRY	66.00	SQYD
1360	08549	BLAST CLEANING	66.00	SQYD
1365	23032EN	BRIDGE BARRIER RETROFIT	347.00	LF
1370	04700	POLE 30 FT MTG HT	1.00	EACH
1375	04721	BRACKET 6 FT	1.00	EACH
1380	04740	POLE BASE	1.00	EACH
1385	04750	TRANSFORMER BASE	1.00	EACH
1390	04793	CONDUIT-1 1/4 IN	12,310.00	LF
1395	04820	TRENCHING AND BACKFILLING	12,310.00	LF
1400	04834	WIRE-NO. 6	38,580.00	LF

## MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1405	20391NS835	ELECTRICAL JUNCTION BOX TYPE A	8.00	EACH
1410	20410ED	MAINTAIN LIGHTING - (DAVISS COUNTY)	1.00	LS
1415	21543EN	BORE AND JACK CONDUIT	310.00	LF
1420	24589ED	LED LUMINAIRE	74.00	EACH
1425	02568	MOBILIZATION	1.00	LS
1430	02569	DEMOBILIZATION	1.00	LS
1435	03262	CLEAN PIPE STRUCTURE - (ADDED: 5-18-18)	11.00	EACH
1440	04780	FUSED CONNECTOR KIT - (ADDED: 5-18-18)	156.00	EACH
1445	00100	ASPHALT SEAL AGGREGATE - (REVISED: 5-23-18)	276.00	TON
1450	00103	ASPHALT SEAL COAT - (REVISED: 5-23-18)	33.00	TON
1455	00001	DGA BASE - (ADDED: 5-23-18)	780.00	TON

**CONTRACT ID: 181212**

**121GR18D012 - NHPP**

**DE09201651812**

I-165 IN OHIO COUNTY UPGRADE I-65 SPUR CORRIDOR; MODERNIZATION OF EXISTING NATCHER PARKWAY FROM THE OHIO-BUTLER COUNTY LINE TO DAVIESS COUNTY LINE ASPHALT REHAB INTERSTATE/PARKWAY, A DISTANCE OF 24.41 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0005	00003	CRUSHED STONE BASE	20,947.00	TON
0010	00078	CRUSHED AGGREGATE SIZE NO 2	16,294.00	TON
0015	00100	ASPHALT SEAL AGGREGATE - (REVISED: 5-23-18)	369.00	TON
0020	00103	ASPHALT SEAL COAT - (REVISED: 5-23-18)	44.00	TON
0025	00212	CL2 ASPH BASE 1.00D PG64-22	85.00	TON
0030	00214	CL3 ASPH BASE 1.00D PG64-22 - (REVISED: 5-23-18)	33,903.00	TON
0035	00216	CL3 ASPH BASE 1.00D PG76-22	6,507.00	TON
0040	00309	CL2 ASPH SURF 0.50D PG64-22	102.00	TON
0045	00332	CL3 ASPH SURF 0.50A PG76-22	38,659.00	TON
0050	00356	ASPHALT MATERIAL FOR TACK	191.46	TON
0055	01000	PERFORATED PIPE-4 IN	240.00	LF
0060	01010	NON-PERFORATED PIPE-4 IN	32.00	LF
0065	01028	PERF PIPE HEADWALL TY 3-4 IN	8.00	EACH
0070	20509ED	BLOW UP/RELIEF JOINT - (A)	355.50	SQYD
0075	22861EN	HIGH STRENGTH GEOTEXTILE FABRIC TY V	52,206.00	SQYD
0080	00078	CRUSHED AGGREGATE SIZE NO 2	1,079.00	TON
0085	00212	CL2 ASPH BASE 1.00D PG64-22 - (REVISED: 5-18-18)	1,411.00	TON
0090	01000	PERFORATED PIPE-4 IN	14,030.00	LF
0095	01005	PERFORATED PIPE EDGE DRAIN-4 IN	244,734.00	LF
0100	01010	NON-PERFORATED PIPE-4 IN	20,956.00	LF
0105	01015	INSPECT & CERTIFY EDGE DRAIN SYSTEM - (OHIO COUNTY)	1.00	LS
0110	01020	PERF PIPE HEADWALL TY 1-4 IN	66.00	EACH
0115	01024	PERF PIPE HEADWALL TY 2-4 IN	66.00	EACH
0120	01028	PERF PIPE HEADWALL TY 3-4 IN - (REPLACING DAMAGED)	93.00	EACH
0125	01310	REMOVE PIPE - (EDGE DRAIN)	244,734.00	LF
0130	01502	DROP BOX INLET TYPE 5A	1.00	EACH
0135	01511	DROP BOX INLET TYPE 5D	2.00	EACH

## MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0140	01690	FLUME INLET TYPE 1	4.00	EACH
0145	01691	FLUME INLET TYPE 2	37.00	EACH
0150	01740	CORED HOLE DRAINAGE BOX CON-4 IN	3.00	EACH
0155	01890	ISLAND HEADER CURB TYPE 1	300.00	LF
0160	01982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	1,150.00	EACH
0165	01983	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	25.00	EACH
0170	01984	DELINEATOR FOR BARRIER - WHITE	67.00	EACH
0175	01985	DELINEATOR FOR BARRIER - YELLOW	57.00	EACH
0180	02003	RELOCATE TEMP CONC BARRIER	5,100.00	LF
0185	02014	BARRICADE-TYPE III	14.00	EACH
0190	02091	REMOVE PAVEMENT	33,247.00	SQYD
0195	02159	TEMP DITCH	7,920.00	LF
0200	02160	CLEAN TEMP DITCH	3,960.00	LF
0205	02165	REMOVE PAVED DITCH	1,000.00	SQYD
0210	02200	ROADWAY EXCAVATION	4,725.00	CUYD
0215	02223	GRANULAR EMBANKMENT	100.00	CUYD
0220	02237	DITCHING	61,183.00	LF
0225	02237	DITCHING	122,366.00	LF
0230	02242	WATER	1,000.00	MGAL
0235	02363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	8.00	EACH
0240	02365	CRASH CUSHION TYPE IX-A	4.00	EACH
0245	02367	GUARDRAIL END TREATMENT TYPE 1	4.00	EACH
0250	02369	GUARDRAIL END TREATMENT TYPE 2A	60.00	EACH
0255	02381	REMOVE GUARDRAIL	57,300.00	LF
0260	02387	GUARDRAIL CONNECTOR TO BRIDGE END TY A-1	4.00	EACH
0265	02391	GUARDRAIL END TREATMENT TYPE 4A	58.00	EACH
0270	02483	CHANNEL LINING CLASS II	695.00	TON
0275	02562	TEMPORARY SIGNS	1,712.00	SQFT
0280	02565	OBJECT MARKER TYPE 2	16.00	EACH
0285	02596	FABRIC-GEOTEXTILE TYPE I	1,390.00	SQYD
0290	02599	FABRIC-GEOTEXTILE TYPE IV	200.00	SQYD
0295	02650	MAINTAIN & CONTROL TRAFFIC - (OHIO COUNTY)	1.00	LS
0300	02671	PORTABLE CHANGEABLE MESSAGE SIGN	4.00	EACH
0305	02676	MOBILIZATION FOR MILL & TEXT - (OHIO COUNTY)	1.00	LS
0310	02677	ASPHALT PAVE MILLING & TEXTURING	36,842.00	TON
0315	02696	SHOULDER RUMBLE STRIPS	259,428.00	LF
0320	02701	TEMP SILT FENCE	8,920.00	LF
0325	02703	SILT TRAP TYPE A	16.00	EACH
0330	02704	SILT TRAP TYPE B	16.00	EACH
0335	02705	SILT TRAP TYPE C	16.00	EACH
0340	02705	SILT TRAP TYPE C	74.00	EACH
0345	02706	CLEAN SILT TRAP TYPE A	16.00	EACH
0350	02707	CLEAN SILT TRAP TYPE B	16.00	EACH
0355	02708	CLEAN SILT TRAP TYPE C	16.00	EACH
0360	02708	CLEAN SILT TRAP TYPE C	74.00	EACH
0365	02726	STAKING - (OHIO COUNTY)	1.00	LS
0370	02775	ARROW PANEL	5.00	EACH
0375	02898	RELOCATE CRASH CUSHION	8.00	EACH
0380	02929	CRASH CUSHION TYPE IX	6.00	EACH

## MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0385	03171	CONCRETE BARRIER WALL TYPE 9T	4,360.00	LF
0390	03260	CLEAN ROADWAY DRAINS	9.00	EACH
0395	05950	EROSION CONTROL BLANKET	64,388.00	SQYD
0400	05952	TEMP MULCH	43,592.00	SQYD
0405	05953	TEMP SEEDING AND PROTECTION	32,944.00	SQYD
0410	05963	INITIAL FERTILIZER	6.70	TON
0415	05964	20-10-10 FERTILIZER	3.60	TON
0420	05985	SEEDING AND PROTECTION	581.00	SQYD
0425	05992	AGRICULTURAL LIMESTONE	41.00	TON
0430	06511	PAVE STRIPING-TEMP PAINT-6 IN	72,300.00	LF
0435	06513	PAVE STRIPING-TEMP PAINT-12 IN	1,200.00	LF
0440	06515	PAVE STRIPING-PERM PAINT-6 IN	296,291.00	LF
0445	06517	PAVE STRIPING-PERM PAINT-12 IN	621.00	LF
0450	06569	PAVE MARKING-THERMO CROSS-HATCH	315.00	SQFT
0455	06572	PAVE MARKING-DOTTED LANE EXTEN	438.00	LF
0460	08500	APPROACH SLAB	333.33	SQYD
0465	08903	CRASH CUSHION TY VI CLASS BT TL3	4.00	EACH
0470	10020NS	FUEL ADJUSTMENT	108,872.00	DOLL
0475	10030NS	ASPHALT ADJUSTMENT	230,236.00	DOLL
0480	20071EC	JOINT ADHESIVE	247,104.00	LF
0485	20411ED	LAW ENFORCEMENT OFFICER	1,000.00	HOURL
0490	20758ED	REMOVE AND RESET PERF PIPE HEADWALL - (REPLACING)	785.00	EACH
0495	21597EN	REMOVE PERF PIPE HEADWALL - (DAMAGED)	200.00	EACH
0500	21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)	57,300.00	LF
0505	22664EN	WATER BLASTING EXISTING STRIPE	51,280.00	LF
0510	22883EN	CONCRETE WEDGE CURB	16,750.00	LF
0515	23496EC	MEDIAN CROSSOVER REMOVAL - (MP 41.2)	1.00	EACH
0520	23496EC	MEDIAN CROSSOVER REMOVAL - (MP 42.30)	1.00	EACH
0525	23496EC	MEDIAN CROSSOVER REMOVAL - (MP 44.4)	1.00	EACH
0530	23496EC	MEDIAN CROSSOVER REMOVAL - (MP 50.9)	1.00	EACH
0535	23791EC	PAVE STRIPING-CHEVRON MARKINGS	8,850.00	SQFT
0540	24489EC	INLAID PAVEMENT MARKER	1,635.00	EACH
0545	24605ED	RELOCATE - (MEDIAN CROSSOVER/MEDIAN TURN- AROUND MP 57.7)	1.00	EACH
0550	24662EC	CLEAN - (AND INSPECT DROP BOX INLET)	74.00	EACH
0555	24906ED	REGRADE SLOPE	581.00	SQYD
0560	24979ED	REGRADE - (MEDIAN CROSSOVER MP 49.4)	1.00	EACH
0565	24979ED	REGRADE - (MEDIAN CROSSOVER MP 54.1)	1.00	EACH
0570	02998	MASONRY COATING	243.00	SQYD
0575	08504	EPOXY SAND SLURRY	105.00	SQYD
0580	08549	BLAST CLEANING	105.00	SQYD
0585	23032EN	BRIDGE BARRIER RETROFIT	544.00	LF
0590	02998	MASONRY COATING	243.00	SQYD
0595	08504	EPOXY SAND SLURRY	105.00	SQYD
0600	08549	BLAST CLEANING	105.00	SQYD
0605	23032EN	BRIDGE BARRIER RETROFIT	544.00	LF
0610	02998	MASONRY COATING	176.00	SQYD
0615	08504	EPOXY SAND SLURRY	73.00	SQYD
0620	08549	BLAST CLEANING	73.00	SQYD
0625	23032EN	BRIDGE BARRIER RETROFIT	387.00	LF

## MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0630	02998	MASONRY COATING	176.00	SQYD
0635	08504	EPOXY SAND SLURRY	73.00	SQYD
0640	08549	BLAST CLEANING	73.00	SQYD
0645	23032EN	BRIDGE BARRIER RETROFIT	387.00	LF
0650	04714	POLE 120 FT MTG HT HIGH MAST	4.00	EACH
0655	04820	TRENCHING AND BACKFILLING	7,850.00	LF
0660	04862	CABLE-NO. 4/3C DUCTED	8,150.00	LF
0665	20410ED	MAINTAIN LIGHTING - (OHIO COUNTY)	1.00	LS
0670	21543EN	BORE AND JACK CONDUIT	300.00	LF
0675	23161EN	POLE BASE-HIGH MAST	35.00	CUYD
0680	24749EC	HIGH MAST LED LUMINAIRE	98.00	EACH
0685	02568	MOBILIZATION	1.00	LS
0690	02569	DEMOBILIZATION	1.00	LS
0695	03262	CLEAN PIPE STRUCTURE - (ADDED: 5-18-18)	12.00	EACH
0700	04800	MARKER - (ADDED: 5-18-18)	28.00	EACH
0705	00001	DGA BASE - (ADDED: 5-23-18)	744.00	TON
0710	04761	LIGHTING CONTROL EQUIPMENT - (ADDED: 5-23-18)	2.00	EACH
0715	02677	ASPHALT PAVE MILLING & TEXTURING - (REVISED: 5-23-18)	123.00	TON

**PROPOSAL BID ITEMS**

181212

Report Date 5/23/18

**Section: 0001 - PAVING**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0005	00001		DGA BASE (ADDED: 5-23-18)	1,524.00	TON		\$	
0010	00003		CRUSHED STONE BASE	21,982.00	TON		\$	
0020	00078		CRUSHED AGGREGATE SIZE NO 2	17,800.00	TON		\$	
0030	00100		ASPHALT SEAL AGGREGATE (REVISED: 5-23-18)	645.00	TON		\$	
0040	00103		ASPHALT SEAL COAT (REVISED: 5-23-18)	77.00	TON		\$	
0050	00212		CL2 ASPH BASE 1.00D PG64-22	1,195.00	TON		\$	
0060	00214		CL3 ASPH BASE 1.00D PG64-22 (REVISED: 5-23-18)	52,447.00	TON		\$	
0070	00216		CL3 ASPH BASE 1.00D PG76-22	7,306.00	TON		\$	
0080	00309		CL2 ASPH SURF 0.50D PG64-22	331.00	TON		\$	
0090	00332		CL3 ASPH SURF 0.50A PG76-22	72,177.00	TON		\$	
0100	00356		ASPHALT MATERIAL FOR TACK (REVISED: 5-18-18)	281.73	TON		\$	
0110	01000		PERFORATED PIPE-4 IN	960.00	LF		\$	
0120	01010		NON-PERFORATED PIPE-4 IN	128.00	LF		\$	
0130	01028		PERF PIPE HEADWALL TY 3-4 IN	32.00	EACH		\$	
0140	02677		ASPHALT PAVE MILLING & TEXTURING (REVISED: 5-23-18)	1,538.00	TON		\$	
0150	20509ED		BLOW UP/RELIEF JOINT (A)	355.50	SQYD		\$	
0160	20509ED		BLOW UP/RELIEF JOINT (B)	184.86	SQYD		\$	
0170	20509ED		BLOW UP/RELIEF JOINT (C)	284.40	SQYD		\$	
0180	22861EN		HIGH STRENGTH GEOTEXTILE FABRIC TY V	84,150.00	SQYD		\$	

**Section: 0002 - ROADWAY**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0190	00078		CRUSHED AGGREGATE SIZE NO 2	2,074.00	TON		\$	
0200	00212		CL2 ASPH BASE 1.00D PG64-22 (REVISED: 5-18-18)	2,290.00	TON		\$	
0210	01000		PERFORATED PIPE-4 IN	14,030.00	LF		\$	
0220	01005		PERFORATED PIPE EDGE DRAIN-4 IN	470,641.00	LF		\$	
0230	01010		NON-PERFORATED PIPE-4 IN	39,853.00	LF		\$	
0240	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM (DAVISS COUNTY)	1.00	LS		\$	
0250	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM (OHIO COUNTY)	1.00	LS		\$	
0260	01020		PERF PIPE HEADWALL TY 1-4 IN	126.00	EACH		\$	
0270	01024		PERF PIPE HEADWALL TY 2-4 IN	126.00	EACH		\$	
0280	01028		PERF PIPE HEADWALL TY 3-4 IN (REPLACED DAMAGED)	93.00	EACH		\$	
0290	01028		PERF PIPE HEADWALL TY 3-4 IN (REPLACING DAMAGED)	93.00	EACH		\$	
0300	01310		REMOVE PIPE (EDGE DRAIN)	244,734.00	LF		\$	

**PROPOSAL BID ITEMS**

REVISED ADDENDUM #2: 5-23-18

181212

Page 2 of 7

Report Date 5/23/18

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0310	01310		REMOVE PIPE (EDGE DRAINS)	225,907.00	LF		\$	
0320	01502		DROP BOX INLET TYPE 5A	2.00	EACH		\$	
0330	01511		DROP BOX INLET TYPE 5D	5.00	EACH		\$	
0340	01690		FLUME INLET TYPE 1	7.00	EACH		\$	
0350	01691		FLUME INLET TYPE 2	51.00	EACH		\$	
0360	01740		CORED HOLE DRAINAGE BOX CON-4 IN	3.00	EACH		\$	
0370	01890		ISLAND HEADER CURB TYPE 1	750.00	LF		\$	
0380	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	2,222.00	EACH		\$	
0390	01983		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	164.00	EACH		\$	
0400	01984		DELINEATOR FOR BARRIER - WHITE	130.00	EACH		\$	
0410	01985		DELINEATOR FOR BARRIER - YELLOW	120.00	EACH		\$	
0420	02003		RELOCATE TEMP CONC BARRIER	9,540.00	LF		\$	
0430	02014		BARRICADE-TYPE III	22.00	EACH		\$	
0440	02091		REMOVE PAVEMENT	36,447.00	SQYD		\$	
0450	02159		TEMP DITCH	15,840.00	LF		\$	
0460	02160		CLEAN TEMP DITCH	7,920.00	LF		\$	
0470	02165		REMOVE PAVED DITCH	2,000.00	SQYD		\$	
0480	02200		ROADWAY EXCAVATION	8,170.00	CUYD		\$	
0490	02223		GRANULAR EMBANKMENT	150.00	CUYD		\$	
0500	02237		DITCHING	241,325.00	LF		\$	
0510	02242		WATER	2,000.00	MGAL		\$	
0520	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	32.00	EACH		\$	
0530	02365		CRASH CUSHION TYPE IX-A	16.00	EACH		\$	
0540	02367		GUARDRAIL END TREATMENT TYPE 1	14.00	EACH		\$	
0550	02369		GUARDRAIL END TREATMENT TYPE 2A	109.00	EACH		\$	
0560	02381		REMOVE GUARDRAIL	116,150.00	LF		\$	
0570	02387		GUARDRAIL CONNECTOR TO BRIDGE END TY A-1	16.00	EACH		\$	
0580	02391		GUARDRAIL END TREATMENT TYPE 4A	97.00	EACH		\$	
0590	02483		CHANNEL LINING CLASS II	1,390.00	TON		\$	
0600	02545		CLEARING AND GRUBBING (APPROXIMATELY 0.5 ACRES, DAVIESS COUNTY)	1.00	LS		\$	
0610	02562		TEMPORARY SIGNS	3,224.00	SQFT		\$	
0620	02565		OBJECT MARKER TYPE 2	40.00	EACH		\$	
0630	02596		FABRIC-GEOTEXTILE TYPE I	2,780.00	SQYD		\$	
0640	02599		FABRIC-GEOTEXTILE TYPE IV	300.00	SQYD		\$	
0650	02650		MAINTAIN & CONTROL TRAFFIC (DAVIESS COUNTY)	1.00	LS		\$	
0660	02650		MAINTAIN & CONTROL TRAFFIC (OHIO COUNTY)	1.00	LS		\$	
0670	02671		PORTABLE CHANGEABLE MESSAGE SIGN	8.00	EACH		\$	
0680	02676		MOBILIZATION FOR MILL & TEXT (DAVIESS COUNTY)	1.00	LS		\$	
0690	02676		MOBILIZATION FOR MILL & TEXT (OHIO COUNTY)	1.00	LS		\$	
0700	02677		ASPHALT PAVE MILLING & TEXTURING	70,854.00	TON		\$	
0710	02696		SHOULDER RUMBLE STRIPS	486,535.00	LF		\$	



**PROPOSAL BID ITEMS**

REVISED ADDENDUM #2: 5-23-18

181212

Page 3 of 7

Report Date 5/23/18

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0720	02701		TEMP SILT FENCE	18,140.00	LF		\$	
0730	02703		SILT TRAP TYPE A	29.00	EACH		\$	
0740	02704		SILT TRAP TYPE B	31.00	EACH		\$	
0750	02705		SILT TRAP TYPE C	171.00	EACH		\$	
0760	02706		CLEAN SILT TRAP TYPE A	29.00	EACH		\$	
0770	02707		CLEAN SILT TRAP TYPE B	31.00	EACH		\$	
0780	02708		CLEAN SILT TRAP TYPE C	171.00	EACH		\$	
0790	02726		STAKING (DAVIESS COUNTY)	1.00	LS		\$	
0800	02726		STAKING (OHIO COUNTY)	1.00	LS		\$	
0810	02775		ARROW PANEL	8.00	EACH		\$	
0820	02898		RELOCATE CRASH CUSHION	14.00	EACH		\$	
0830	02929		CRASH CUSHION TYPE IX	18.00	EACH		\$	
0840	03171		CONCRETE BARRIER WALL TYPE 9T	8,800.00	LF		\$	
0850	03260		CLEAN ROADWAY DRAINS	18.00	EACH		\$	
0855	03262		CLEAN PIPE STRUCTURE (ADDED: 5-18-18)	23.00	EACH		\$	
0860	05950		EROSION CONTROL BLANKET	124,052.00	SQYD		\$	
0870	05952		TEMP MULCH	87,026.00	SQYD		\$	
0880	05953		TEMP SEEDING AND PROTECTION	63,142.00	SQYD		\$	
0890	05963		INITIAL FERTILIZER	12.94	TON		\$	
0900	05964		20-10-10 FERTILIZER	6.99	TON		\$	
0910	05985		SEEDING AND PROTECTION	4,776.00	SQYD		\$	
0920	05992		AGRICULTURAL LIMESTONE	44.93	TON		\$	
0930	06511		PAVE STRIPING-TEMP PAINT-6 IN	141,970.00	LF		\$	
0940	06513		PAVE STRIPING-TEMP PAINT-12 IN	1,200.00	LF		\$	
0950	06515		PAVE STRIPING-PERM PAINT-6 IN	553,291.00	LF		\$	
0960	06517		PAVE STRIPING-PERM PAINT-12 IN	2,636.00	LF		\$	
0970	06569		PAVE MARKING-THERMO CROSS-HATCH	315.00	SQFT		\$	
0980	06572		PAVE MARKING-DOTTED LANE EXTEN	438.00	LF		\$	
0990	08500		APPROACH SLAB	333.33	SQYD		\$	
1000	08500		APPROACH SLAB (BRIDGE MP 64.5)	333.33	SQYD		\$	
1010	08500		APPROACH SLAB (BRIDGE MP 64.8)	333.33	SQYD		\$	
1020	08500		APPROACH SLAB (BRIDGE MP 65.0)	333.33	SQYD		\$	
1030	08903		CRASH CUSHION TY VI CLASS BT TL3	11.00	EACH		\$	
1040	10020NS		FUEL ADJUSTMENT	165,650.00	DOLL	\$1.00	\$	\$165,650.00
1050	10030NS		ASPHALT ADJUSTMENT	372,846.00	DOLL	\$1.00	\$	\$372,846.00
1060	20071EC		JOINT ADHESIVE	474,355.00	LF		\$	
1070	20411ED		LAW ENFORCEMENT OFFICER	2,000.00	HOURL		\$	
1080	20758ED		REMOVE AND RESET PERF PIPE HEADWALL	725.00	EACH		\$	
1090	20758ED		REMOVE AND RESET PERF PIPE HEADWALL (REPLACING)	785.00	EACH		\$	
1100	21597EN		REMOVE PERF PIPE HEADWALL (DAMAGED)	380.00	EACH		\$	
1110	21802EN		G/R STEEL W BEAM-S FACE (7 FT POST)	116,150.00	LF		\$	
1120	22664EN		WATER BLASTING EXISTING STRIPE	100,520.00	LF		\$	
1130	22883EN		CONCRETE WEDGE CURB	22,975.00	LF		\$	

**PROPOSAL BID ITEMS**

REVISED ADDENDUM #2: 5-23-18

181212

Page 4 of 7

Report Date 5/23/18

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1140	23496EC		MEDIAN CROSSOVER REMOVAL (MP 41.2)	1.00	EACH		\$	
1150	23496EC		MEDIAN CROSSOVER REMOVAL (MP 42.30)	1.00	EACH		\$	
1160	23496EC		MEDIAN CROSSOVER REMOVAL (MP 44.4)	1.00	EACH		\$	
1170	23496EC		MEDIAN CROSSOVER REMOVAL (MP 50.9)	1.00	EACH		\$	
1180	23496EC		MEDIAN CROSSOVER REMOVAL (MP 67.0)	1.00	EACH		\$	
1190	23496EC		MEDIAN CROSSOVER REMOVAL (MP 68.2)	1.00	EACH		\$	
1200	23496EC		MEDIAN CROSSOVER REMOVAL (MP 72.0)	1.00	EACH		\$	
1210	23791EC		PAVE STRIPING-CHEVRON MARKINGS	8,850.00	SQFT		\$	
1220	24489EC		INLAID PAVEMENT MARKER	3,056.00	EACH		\$	
1230	24605ED		RELOCATE (MEDIAN CROSSOVER/MEDIAN TURN-AROUND MP 57.7)	1.00	EACH		\$	
1240	24662EC		CLEAN (AND INSPECT DROP BOX INLET)	74.00	EACH		\$	
1250	24662EC		CLEAN (AND INSPECT DROP BOX INLETS)	68.00	EACH		\$	
1260	24906ED		REGRADE SLOPE	1,118.00	SQYD		\$	
1270	24979ED		REGRADE (MEDIAN CROSSOVER MP 49.4)	1.00	EACH		\$	
1280	24979ED		REGRADE (MEDIAN CROSSOVER MP 54.1)	1.00	EACH		\$	
1290	24979ED		REGRADE (MEDIAN TURN-AROUND/CROSSOVER MP 61.6)	1.00	EACH		\$	
1300	24984EC		TRANSVERSE IN-LANE RUMBLE STRIPS	6.00	EACH		\$	

**Section: 0003 - BRIDGE - S. FORK PANTHER CREEK - NB - 030B00089R - MP 64.83**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1310	02998		MASONRY COATING	156.00	SQYD		\$	
1320	08504		EPOXY SAND SLURRY	66.00	SQYD		\$	
1330	08549		BLAST CLEANING	66.00	SQYD		\$	
1340	23032EN		BRIDGE BARRIER RETROFIT	347.00	LF		\$	

**Section: 0004 - BRIDGE - S. FORK PANTHER CREEK - SB- 030B00088L - MP 64.49**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1350	02998		MASONRY COATING	182.00	SQYD		\$	
1360	08504		EPOXY SAND SLURRY	74.00	SQYD		\$	
1370	08549		BLAST CLEANING	74.00	SQYD		\$	
1380	23032EN		BRIDGE BARRIER RETROFIT	399.00	LF		\$	

**Section: 0005 - BRIDGE - ROUGH RIVER - SB - 002B00063I - MP 51.10**

**PROPOSAL BID ITEMS**

REVISED ADDENDUM #2: 5-23-18

181212

Page 5 of 7

Report Date 5/23/18

**Section: 0005 - BRIDGE - ROUGH RIVER - SB - 092B0006L - MP 51.49**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1390	02998		MASONRY COATING	243.00	SQYD		\$	
1400	08504		EPOXY SAND SLURRY	105.00	SQYD		\$	
1410	08549		BLAST CLEANING	105.00	SQYD		\$	
1420	23032EN		BRIDGE BARRIER RETROFIT	544.00	LF		\$	

**Section: 0006 - BRIDGE - S. FORK PANTHER CREEK - NB - 030B00088R - MP 64.49**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1430	02998		MASONRY COATING	182.00	SQYD		\$	
1440	08504		EPOXY SAND SLURRY	74.00	SQYD		\$	
1450	08549		BLAST CLEANING	74.00	SQYD		\$	
1460	23032EN		BRIDGE BARRIER RETROFIT	399.00	LF		\$	

**Section: 0007 - BRIDGE - ROUGH RIVER- NB - 092B00063R - MP 51.49**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1470	02998		MASONRY COATING	243.00	SQYD		\$	
1480	08504		EPOXY SAND SLURRY	105.00	SQYD		\$	
1490	08549		BLAST CLEANING	105.00	SQYD		\$	
1500	23032EN		BRIDGE BARRIER RETROFIT	544.00	LF		\$	

**Section: 0008 - BRIDGE - S. FORK PANTHER CREEK - SB - 030B00089L - MP 64.83**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1510	02998		MASONRY COATING	156.00	SQYD		\$	
1520	08504		EPOXY SAND SLURRY	66.00	SQYD		\$	
1530	08549		BLAST CLEANING	66.00	SQYD		\$	
1540	23032EN		BRIDGE BARRIER RETROFIT	347.00	LF		\$	

**Section: 0009 - BRIDGE - KY 764 - SB - 092B00067L - MP 60.33**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1550	02998		MASONRY COATING	176.00	SQYD		\$	
1560	08504		EPOXY SAND SLURRY	73.00	SQYD		\$	
1570	08549		BLAST CLEANING	73.00	SQYD		\$	
1580	23032EN		BRIDGE BARRIER RETROFIT	387.00	LF		\$	

**Section: 0010 - BRIDGE - KY 764 - NB - 092B00067R - MP 60.33**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1590	02998		MASONRY COATING	176.00	SQYD		\$	
1600	08504		EPOXY SAND SLURRY	73.00	SQYD		\$	
1610	08549		BLAST CLEANING	73.00	SQYD		\$	

**PROPOSAL BID ITEMS**

REVISED ADDENDUM #2: 5-23-18

181212

Page 6 of 7

Report Date 5/23/18

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1620	23032EN		BRIDGE BARRIER RETROFIT	387.00	LF		\$	

**Section: 0011 - BRIDGE - S. FORK PANTHER CREEK -SB - 030B00090L - MP 65.02**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1630	02998		MASONRY COATING	156.00	SQYD		\$	
1640	08504		EPOXY SAND SLURRY	66.00	SQYD		\$	
1650	08549		BLAST CLEANING	66.00	SQYD		\$	
1660	23032EN		BRIDGE BARRIER RETROFIT	347.00	LF		\$	

**Section: 0012 - BRIDGE - S. FORK PANTHER CREEK - NB - 030B00090R - MP 65.02**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1670	02998		MASONRY COATING	156.00	SQYD		\$	
1680	08504		EPOXY SAND SLURRY	66.00	SQYD		\$	
1690	08549		BLAST CLEANING	66.00	SQYD		\$	
1700	23032EN		BRIDGE BARRIER RETROFIT	347.00	LF		\$	

**Section: 0013 - LIGHTING**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1710	04700		POLE 30 FT MTG HT	1.00	EACH		\$	
1720	04714		POLE 120 FT MTG HT HIGH MAST	4.00	EACH		\$	
1730	04721		BRACKET 6 FT	1.00	EACH		\$	
1740	04740		POLE BASE	1.00	EACH		\$	
1750	04750		TRANSFORMER BASE	1.00	EACH		\$	
1752	04761		LIGHTING CONTROL EQUIPMENT (ADDED: 5-23-18)	2.00	EACH		\$	
1755	04780		FUSED CONNECTOR KIT (ADDED: 5-18-18)	156.00	EACH		\$	
1760	04793		CONDUIT-1 1/4 IN	12,310.00	LF		\$	
1765	04800		MARKER (ADDED: 5-18-18)	28.00	EACH		\$	
1770	04820		TRENCHING AND BACKFILLING	20,160.00	LF		\$	
1780	04834		WIRE-NO. 6	38,580.00	LF		\$	
1790	04862		CABLE-NO. 4/3C DUCTED	8,150.00	LF		\$	
1800	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	8.00	EACH		\$	
1810	20410ED		MAINTAIN LIGHTING (DAVISS COUNTY)	1.00	LS		\$	
1820	20410ED		MAINTAIN LIGHTING (OHIO COUNTY)	1.00	LS		\$	
1830	21543EN		BORE AND JACK CONDUIT	610.00	LF		\$	
1840	23161EN		POLE BASE-HIGH MAST	35.00	CUYD		\$	
1850	24589ED		LED LUMINAIRE	74.00	EACH		\$	
1860	24749EC		HIGH MAST LED LUMINAIRE	98.00	EACH		\$	

## PROPOSAL BID ITEMS

Report Date 5/23/18

### Section: 0014 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1870	02568		MOBILIZATION	1.00	LS		\$	
1880	02569		DEMOBILIZATION	1.00	LS		\$	