



COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET

transportation.ky.gov

Andy Beshear
GOVERNOR

Jim Gray
SECRETARY

June 21, 2022

CALL NO. 204
CONTRACT ID NO. 224319
ADDENDUM # 2

Subject: Graves, Marshall, Caldwell Counties, 1221GR22T016-ER
Letting June 23, 2022

- (1) Revised - Materials Form Page 64 of 135
- (2) Revised - Traffic Sheet Page 86 of 135
- (3) Revised - Proposal Bid Items Page 134-135 of 135

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

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

Sincerely,

Rachel Mills,

A handwritten signature in black ink that reads "Rachel Mills".

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

RM:ce
Enclosures

Tim Tharpe - Director
 Phone (502) 564-3020
 FAX (502) 564-7759

DIVISION OF TRAFFIC OPERATIONS

**PROJECT MATERIALS RELEASE FORM
 FOR SIGNAL AND LIGHTING**

Note: Email form with signatures to KYTC's warehouse (kim.stamper@ky.gov) at least two (2) days prior to arrival for pickup. Ensure Contractor's delivery driver has a copy of form with signatures. Failure to do either may result in long delays or refusal to distribute materials upon arrival.

Item Number: na
 County: graves
 Description: us 45 one way @ ky80x ky 58

Cabinets	Master code	
1	T-01-0020	Base Mounted 332 Cabinet
1	T-01-0105	ATC Controller
1	T-01-0106	1C w/Maxtime (this should go with item ATC controller)
1	T-01-0501	Conflict Monitor, Model 2018
3	T-01-0510	Isolator, Model 242 (1 for 2070, plus for ped detector and railroad)
8	T-01-0700	Load Switches

Signals		
7	T-02-0009	Siemens 3 Section Signal
8	T-02-0090	Pedestrian signal housing
1	T-02-0300	LED Module 12" red arrow
2	T-02-0310	LED Module 12" yellow arrow
6	T-02-0330	LED Module 12" red ball
6	T-02-0340	LED Module 12" yellow ball
6	T-02-0350	LED Module 12" green ball
8	T-02-0365	LED Countdown Pedestrian Module

Special items		
1	T-02-0504	Router (this includes power supply/antenna/cabling)
2	T-02-0660	Pedstl.top mntg.bkt Two-way
2	T-02-0670	Pedestal
8	T-06-0710	Ped Detector Pole Mount FSA Box
8	T-06-0730	Ped Button w/o Plunger
8	T-17-0015	9 X 15 Countdown Ped Sign DBL Sided
6	T-02-0640	Mast arm mount signal bracket (3 section)
6	T-02-0644	Mast arm sign hangers 36"
1		radar
3	T-02-0646	Mast Arm Dampers

REQUIRED

Electrical Contractor Name _____
 Electrical Contractor Supervisor _____ Contact number for Supervisor _____
 Project Engineer _____ Contact number for Project Engineer _____
 Project Engineer attests that the mentioned contractor is the actual electrical contractor on this project
 Signature of Project Engineer or Designee _____

**ROADWAY LIGHTING ESTIMATE OF QUANTITIES
FOR I-69 @ KY 80 (1477501C)**

TOTAL	UNITS	CODE	ITEM DESCRIPTION
300	50 FT	2562	SIGNS
1	LP SUM	2569	DEMOBILIZATION
2	EACH	2650	MAINTAIN & CONTROL TRAFFIC
3	EACH	2775	FLASHING ARROW
1	EACH	4714	POLE 120' MTG HT HIGH MAST
1	EACH	4761	LIGHTING CONTROL EQUIPMENT
50	LIN FT	4820	TRENCHING AND BACKFILLING
6,000	LIN FT	4833	WIRE-NO. 8
1	LP SUM	4940	REMOVE LIGHTING
20	EACH	24749EC	HIGH MAST LED LUMINAIRE
50	LIN FT	24901EC	PVC CONDUIT - 2 INCH - SCHEDULE 80

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 PROPOSALS. ALL BIDDERS SHOULD BE THOROUGHLY FAMILIAR WITH EXISTING CONDITIONS. SUBMITTALS FOR THIS PROJECT WILL BE CONSIDERED AN AFFIRMATION OF THIS INSPECTION HAVING BEEN COMPLETED.

ADD SENTENCE TO SECTION 834.06: ALL WIRE SHALL HAVE WORDING ADDED TO THE OUTER JACKET THAT STATES: " PROPERTY OF KENTUCKY TRANSPORTATION CABINET 502 564 0501".

ADD SENTENCE TO SECTION 834.09: ALL WIRE SHALL HAVE WORDING ADDED TO THE OUTER JACKET THAT STATES: " PROPERTY OF KENTUCKY TRANSPORTATION CABINET 502 564 0501".

CONSTRUCTION AND MEASUREMENT NOTES THAT ARE CONTRARY TO SECTION 716 AND 834

SECTION: 834.33 WARNING TAPE.

REVISION: REPLACE FIRST SENTENCE WITH THE FOLLOWING:
PROVIDE DETECTABLE TYPE TAPE THAT IS 6 INCHES WIDE AND 7.0 MILS (NOMINAL) THICK.

**ROADWAY LIGHTING ESTIMATE OF QUANTITIES MARSHALL COUNTY
I -69 @ KY 348 (1477601C)**


TOTAL	UNITS	CODE	ITEM DESCRIPTION
300	50 FT	2562	SIGNS
1	LP SUM	2569	DEMOBILIZATION
2	LP SUM	2650	MAINTAIN & CONTROL TRAFFIC
2	EACH	2775	FLASHING ARROW
1	EACH	4714	POLE 120' MTG HT HIGH MAST
1	LP SUM	4940	REMOVE LIGHTING
8	EACH	24749EC	HIGH MAST LED LUMINAIRE

SPECIAL NOTE FOR CONSTRUCTION AT MARSHALL COUNTY I-69 @ KY 348:
THE CONTRACTOR SHALL REMOVE EXISTING HM POLE AT 36°52'31.23"N 88°21'39.40"W
AND DISCONNECT EXISTING WIRING.
INSTALL NEW 120 FOOT HIGH MAST AT EXISTING HM BASE.
THE CONTRACTOR WILL NEED TO MATCH THE EXISTING HIGH MAST BOLT CIRCLE.
THE CONTRACTOR SHALL RECONNECT THE EXISTING WIRING TO NEW HM POLE BREAKER.
ALL THIS SHOULD BE INCIDENTAL TO THE INSTALLATION OF THE NEW HIGH MAST POLE.

**ROADWAY LIGHTING ESTIMATE OF QUANTITIES
CALDWELL COUNTY I -69 @ KY 91 (1482401C)**

TOTAL	UNITS	CODE	ITEM DESCRIPTION
300	50 FT	2562	SIGNS
1	LP SUM	2569	DEMOBILIZATION
2	LP SUM	2650	MAINTAIN & CONTROL TRAFFIC
2	EACH	2775	FLASHING ARROW
1	LP SUM	4940	REMOVE LIGHTING
1	EACH	24601EC	INSTALL - LIGHTING CONTROL EQUIPMENT

SPECIAL NOTE FOR CONSTRUCTION AT CALDWELL COUNTY I-69 @ KY 91:
INSTALL NEW CABINET ON EXISTING LIGHTING CABINET BASE MOUNTED AT 37° 7'19.03"N 87°53'36.57"W
INSTALL NEW 35 FOOT WOOD POLE WITH 480 SINGLE PHASE SERVICE WITH METER AND DISCONNECT.
CONTRACTOR SHALL INSTALL A CONCRETE BASE AND WILL BE INCIDENTAL TO INSTALL LIGHTING CONTROL EQUIPMENT.
THE CONTRACTOR WILL HAVE TO TRACE ALL EXISTING WIRING TO THE CORRESPONDING EXISTING HIGH MAST POLE. THE EXISTING WIRING SHOULD BE CONNECT TO THE APPROPRIATE CIRCUIT AS SHOWN ON THE AS BUILDS FOR PROJECT.
THE CABINET WILL BE SUPPLIED BY DISTRICT 2.

 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	DRAWING TITLE: QUANTITIES- LIGHTING FOR I-69 @ KY 80/ I -69 @ KY 348/I-69 @ KY 91	HORIZONTAL SCALE SCALE: 1" = NA	ITEM NO. N/A
			SHEET NO. T16

DATE PLOTTED: 3/7/2025 7:08:02 PM
FILE NAME: C:\P\WORK\TETS\SWANSEAR0209352\FORD LIGHTING STANDARDS.DGN
USER: tedswan503p
3-17-2021

PROPOSAL BID ITEMS

Report Date 6/21/22

Section: 0001 - SIGNALIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	02562		TEMPORARY SIGNS	2,000.00	SQFT		\$	
0020	02650		MAINTAIN & CONTROL TRAFFIC (GRAVES KY 80X)	1.00	LS		\$	
0030	02650		MAINTAIN & CONTROL TRAFFIC (GRAVES KY 121)	1.00	LS		\$	
0040	02650		MAINTAIN & CONTROL TRAFFIC (GRAVES KY 121X)	1.00	LS		\$	
0050	02650		MAINTAIN & CONTROL TRAFFIC (GRAVES US 45)	1.00	LS		\$	
0060	02775		ARROW PANEL	24.00	EACH		\$	
0070	04780		FUSED CONNECTOR KIT	83.00	EACH		\$	
0080	04811		ELECTRICAL JUNCTION BOX TYPE B	1.00	EACH		\$	
0090	04820		TRENCHING AND BACKFILLING	705.00	LF		\$	
0100	04821		OPEN CUT ROADWAY	2,659.00	LF		\$	
0110	04844		CABLE-NO. 14/5C	1,215.00	LF		\$	
0120	04845		CABLE-NO. 14/7C	13,489.00	LF		\$	
0130	04881		MAST ARM POLE	16.00	EACH		\$	
0140	04885		MESSENGER-10800 LB	225.00	LF		\$	
0150	04932		INSTALL STEEL STRAIN POLE	8.00	EACH		\$	
0160	04935		TEMP SIGNAL (GRAVES KY 121X)	1.00	LS		\$	
0170	04960		REMOVE AND REPLACE SIDEWALK	118.00	SQYD		\$	
0180	06406		SBM ALUM SHEET SIGNS .080 IN	132.00	SQFT		\$	
0190	20093NS835		INSTALL PEDESTRIAN HEAD-LED	64.00	EACH		\$	
0200	20188NS835		INSTALL LED SIGNAL-3 SECTION	72.00	EACH		\$	
0210	20390NS835		INSTALL COORDINATING UNIT	8.00	EACH		\$	
0220	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	20.00	EACH		\$	
0230	20392NS835		ELECTRICAL JUNCTION BOX TYPE C	5.00	EACH		\$	
0240	20408ES835		INSTALL LED BEACON-12 IN	12.00	EACH		\$	
0250	21743NN		INSTALL PEDESTRIAN DETECTOR	64.00	EACH		\$	
0260	23157EN		TRAFFIC SIGNAL POLE BASE	103.50	CUYD		\$	
0270	23222EC		INSTALL SIGNAL PEDESTAL	16.00	EACH		\$	
0280	23235EC		INSTALL PEDESTAL POST	1.00	EACH		\$	
0290	24488ED		INSTALL MAST ARM MOUNTED SIGN	23.00	EACH		\$	
0300	24526ED		INSTALL-BEACON CONTROLLER-2 CIRCUIT	2.00	EACH		\$	
0310	24900EC		PVC CONDUIT-1 1/4 IN-SCHEDULE 80	180.00	LF		\$	
0320	24901EC		PVC CONDUIT-2 IN-SCHEDULE 80	4,144.00	LF		\$	
0330	24908EC		INSTALL SIGNAL CONTROLLER-TY ATC	8.00	EACH		\$	
0340	24955ED		REMOVE SIGNAL EQUIPMENT	11.00	EACH		\$	
0350	26119EC		INSTALL RADAR PRESENCE DETECTOR TYPE A	29.00	EACH		\$	
0360	26120EC		INSTALL RADAR ADVANCE DETECTOR TYPE B	2.00	EACH		\$	

Section: 0002 - LIGHTING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0370	02562		TEMPORARY SIGNS	900.00	SQFT		\$	

PROPOSAL BID ITEMS

Page 2 of 2

Report Date 6/21/22

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0380	02650		MAINTAIN & CONTROL TRAFFIC (CALDWELL I-69)	1.00	LS		\$	
0390	02650		MAINTAIN & CONTROL TRAFFIC (GRAVES I-69)	1.00	LS		\$	
0400	02650		MAINTAIN & CONTROL TRAFFIC (MARSHALL I-69)	1.00	LS		\$	
0410	02775		ARROW PANEL	6.00	EACH		\$	
0420	04714		POLE 120 FT MTG HT HIGH MAST	4.00	EACH		\$	
0430	04761		LIGHTING CONTROL EQUIPMENT	1.00	EACH		\$	
0440	04820		TRENCHING AND BACKFILLING	50.00	LF		\$	
0450	04833		WIRE-NO. 8	6,000.00	LF		\$	
0460	04940		REMOVE LIGHTING (CALDWELL I-69)	1.00	LS		\$	
0470	04940		REMOVE LIGHTING (GRAVES I-69)	1.00	LS		\$	
0480	04940		REMOVE LIGHTING (MARSHALL I-69)	1.00	LS		\$	
0500	24601EC		INSTALL -LIGHTING CONTROL EQUIPMENT	1.00	EACH		\$	
0510	24749EC		HIGH MAST LED LUMINAIRE	28.00	EACH		\$	
0520	24901EC		PVC CONDUIT-2 IN-SCHEDULE 80	50.00	LF		\$	

Section: 0003 - DEMOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0530	02569		DEMOBILIZATION	1.00	LS		\$	