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KIMLEY-HORN AND ASSOCIATES, INC. 4525 MAIN STREET SUITE 1000 VIRGINIA BEACH, VA 23462 KODI L. BERGER, P.E. NO. 129688

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE OF TENN. CODE ANN. §62-2-306.

### **ROADWAY INDEX**

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ESTIMATED ROADWAY QUANTITIES	2

TYPE	YEAR	PROJECT NO.	NO.
PS&E	2025	381040-S3-004	ROADWAY-SIGN2

S.R.1 REV. 02/03/25: ADDED THIS SHEET

HAYWOOD CO.

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION

> SIGNATURE SHEET

# **ROADWAY INDEX**

SHEET NAME

## STANDARD ROADWAY DRAWINGS

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LIGHTING SPECIAL NOTES	1A2
PROJECT COMMITMENTS	1B
ESTIMATED ROADWAY QUANTITIES	2
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EPSC LEGEND & TABULATION	12
EPSC PLANS	13 – 15
GEOTECHNICAL PLANS	G1
UTILITY PLANS	. U1-1

SHEET NO.

STANDARI LEGENDS	D ROADW	AY TITLE SHEET, ABBREVIATIONS, AND
RD-A-1	02-20-20	STANDARD ABBREVIATIONS A THROUGH L

RD-A-1	02-20-20	STANDARD ABBREVIATIONS A THROUGH L
RD-A-2		STANDARD ABBREVIATIONS M THROUGH Z
RD-L-1	02-20-20	STANDARD LEGEND
RD-L-1A		STANDARD LEGEND
RD-L-2	02-20-20	STANDARD LEGEND FOR UTILITY INSTALLATIONS
RD-L-3	03-01-23	STANDARD LEGEND FOR SIGNALIZATION AND LIGHTIN
RD-L-4	02-20-20	STANDARD LEGEND FOR SIGNALIZATION AND LIGHTIN
RD-L-5	07-30-24	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-6	02-20-20	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-7	02-20-20	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL

## **DESIGN - TRAFFIC CONTROL**

T-WZ-10	04-02-12	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS
T-WZ-18	07-07-23	SHOULDER CLOSURE DETAIL FOR FREEWAYS AND DIVIDED HIGHWAYS
T-WZ-FAB1	06-28-19	FLASING YELLOW ARROW BOARD

## **EROSION PREVENTION AND SEDIMENT CONTROL**

EC-STR-3B	06-15-21	SILT FENCE
EC-STR-3E	04-01-08	SILT FENCE FABRIC JOINING DETAILS

# STANDARD TRAFFIC OPERATIONS **DRAWINGS**

REV. DESCRIPTION

## LIGHTING AND UTLITY POLES

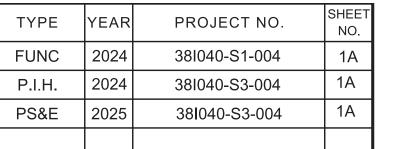
T-L-1	09-12-23	STANDARD LIGHTING FOUNDATION DETAILS
T-L-1TM		STANDARD LIGHTING DETAILS TENON MOUNTED OFFSET LIGHTING SUPPORTS
T-L-3	04-15-96	STANDARD LIGHTING DETAILS PULL BOXES
T-L-4	05-25-11	STANDARD LIGHTING DETAILS CONDUIT, CABLE INSTALLATION

# STANDARD STRUCTURE DRAWINGS

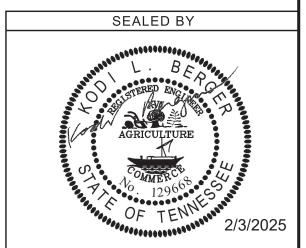
REV. DESCRIPTION DWG.

**NEW STRUCTURES** 

STD-8-4 SIGN, LUMINAIRE, AND TRAFFIC SIGNAL SUPPORTS



S.R.1 HAYWOOD CO. REV. 02/03/25: ADDED ROADWAY-SIGN2 TO INDEX



STATE OF TENNESSEE **DEPARTMENT OF TRANSPORTATION** 

INDEX OF SHEETS, STANDARD DRAWINGS, AND GENERAL NOTES

		ESTIMATED QUANTITIES		
	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
6	209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	9,200
6	707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	810
10	712-01	TRAFFIC CONTROL	LS	1
ı	712-06	SIGNS (CONSTRUCTION)	S.F.	688
ı	712-08.03	ARROW BOARD (TYPE C)	EACH	2
5	714-03	JACKED OR BORED CONDUIT	L.F.	1,225
	714-03.01	DIRECT BURIAL CONDUIT (2" PVC, SCHEDULE 40)	L.F.	8,872
ı	714-05.04	PULL BOXES (TYPE C)	EACH	23
ı	714-06.03	CABLE (1/C #10 AWG)	L.F.	4,225
Ī	714-06.04	CABLE (1/C #8 AWG)	L.F.	3,630
2	714-06.05	CABLE (1/C #6 AWG)	L.F.	23,986
8	714-08.09	LIGHT STANDARDS (40' M.H.)	EACH	32
Ī	714-08.10	LIGHT STANDARDS (HIGH MAST - 80' M.H.)	EACH	1
	714-08.11	LIGHT STANDARDS (HIGH MAST - 100' M.H.)	EACH	2
	714-08.12	LIGHT STANDARDS (HIGH MAST - 120' M.H.)	EACH	3
4	714-08.27	FOUNDATION FOR LIGHT STANDARDS - HIGH MAST	EACH	6
8	714-08.28	FOUNDATION FOR LIGHT STANDARDS - ROADWAY (40' M.H.)	EACH	32
3	714-09.09	LED LUMINAIRES (180 WATT LED FOR OFFSET POLES)	EACH	32
, 9	714-09.11	LED LUMINAIRES (295 WATT LED HIGH MAST)	EACH	32
	714-12.01	CONTROL CENTER (NO. 1)	L.S.	1
	714-12.02	CONTROL CENTER (NO. 2)	L.S.	1
1	714-25.01	ELECTRICAL CONNECTION (CONTROL CENTER NO. 1)	L.S.	1
1	714-25.02	ELECTRICAL CONNECTION (CONTROL CENTER NO. 2)	L.S.	1
	717-01	MOBILIZATION	L.S.	1
6	801.01-07	TEMPORARY SEEDING (WITH MULCH)	UNIT	9
7	801-03	WATER (SEEDING & SODDING)	M.G.	1
	803-01	SODDING (NEW SOD)	S.Y.	915

# **SUMMARY OF QUANTITIES**

**ITEM NO. 712-06** 

	M.U.T.C.D. SIGN NO.	LEGEND	SIZE (INCHES)	S.F.	QUANTITY	ITEM NO. (S.F.)
	G20-2	SIGNS (END ROAD WORK)	48" X 24"	8	6	48
	W20-1	SIGNS (ROAD WORK AHEAD)	48" X 48"	16	6	96
	W20-1	SIGNS (ROAD WORK 1 MILE)	48" X 48"	16	6	96
	W20-1	SIGNS (ROAD WORK 1/2 MILE)	48" X 48"	16	6	96
	W20-1	SIGNS (ROAD WORK 1000 FEET)	48" X 48"	16	6	96
1	W21-5B	SIGNS (LEFT SHOULDER CLOSED AHEAD)	48" X 48"	16	4	64
1	W21-5B	SIGNS (RIGHT SHOULDER CLOSED AHEAD)	48" X 48"	16	4	64
1	W21-5	SIGNS (LEFT SHOULDER CLOSED)	48" X 48"	16	4	64
1	W21-5	SIGNS (RIGHT SHOULDER CLOSED)	48" X 48"	16	4	64
	TOTAL					688

PROJECT NO. **FUNC** 38I040-S1-004 38I040-S3-004 381040-S3-004

S.R.1 HAYWOOD ( REV. 02/03/25: ADDED SUPPLEMENTAL DESCRIPTION FOR ITEM 714-08.09 AND ADDED ITEM 714-08.28

ITEM 712-06, SIGNS (CONSTRUCTION), INCLUDES SIGNS SHOWN WHICH ARE CONSIDERED A MINIMUM. ADDITIONAL SIGNS MAY BE REQUIRED BY THE ENGINEER AND WILL BE PAID FOR AT THE UNIT PRICE BID ITEM FOR 712-06.

SIGNS SHALL BE LOCATED BY THE CONTRACTOR WITH THE APPROVAL OF THE ENGINEER.

CONSTRUCTION SIGNING AND TRAFFIC CONTROL SHALL CONFORM TO PART IV OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" AND SECTION 712 OF THE TENNESSEE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."

CONTRACTOR IS NOT RELIEVED OF ANY RESPONSIBILITY TO PROVIDE ADEQUATE AND SAFE TRAFFIC CONTROL MEASURES BY THE ABOVE.

## **PAY ITEM FOOTNOTES**

ELECTRICAL CONNECTION TO BE PROVIDED AS FOLLOWS:

SOUTHWEST TENNESSEE ELECTRIC MEMBR. CORP. CONTACT: JOSHUA KENNEDY

OFFICE PHONE: 731 585 0531 EMAIL: JKENNEDY@STEMC.COM

### **ELECTRICAL CONNECTION TO INCLUDE:**

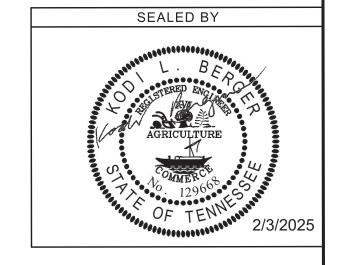
-H STRUCTURE METER CENTER AND SERVICE (120/240V 175A). SEE CONTROL CENTER AND POWER SUPPLY DETAILS. -COORDINATION WITH AND PAYMENT TO UTILITY COMPANY FOR INSTALLATION OF AND CONNECTION TO NEW TRANSFORMER -(1) GROUND ROD ASSEMBLY AND CONNECTION

- #6 AWG CONDUCTORS TO BE INSTALLED AS GROUND CONDUCTOR FOR ALL UNDERGROUND CIRCUITS.
- HOLOPHANE FIXTURE WITH THE FOLLOWING SPECIFICATIONS SHALL BE USED FOR THIS PROJECT:
  - HIGH MAST FIXTURES: HOLOPHANE HMLED4 P2 30K MVOLT AW
  - OFFSET FIXTURES: HOLOPHANE MGLEDM P4 30K MVOLT WR

CONTRACTOR TO SUBMIT FIXTURE ORDERING INFORMATION TO ENGINEER FOR APPROVAL PRIOR TO ORDERING.

- HIGH MAST FOUNDATIONS TO BE DESIGNED BY CONTRACTOR. SEE STANDARD DRAWING T-L-1.
- DIRECTIONAL BORING ONLY.
- ALL EROSION PREVENTION AND SEDIMENT CONTROL QUANTITIES RE TO BE USED AS DIRECTED BY THE ENGINEER. SEE SECTION 209.07 OF THE STANDARDS SPECIFICATIONS FOR MAINTENANCE REPLACEMENT.
- INCLUDES ONE (1) THOUSAND GALLONS FOR EROSION PREVENTION AND SEDIMENT CONTROL.

- SEE STANDARD DRAWING T-L-1.
- REFER TO PLANS FOR NUMBER AND ARRANGEMENT OF HIGH MAST LUMINIARES
- (10) INCLUDES THE COST OF ALL EQUIPMENT, LABOR AND MATERIALS, TRAFFIC CONES/DRUMS, BARRIERS, PAVEMENT MARKINGS, AND PAVEMENT MARKING REMOVAL, AND ANY OTHER TRAFFIC CONTROL ITEMS NOT LISTED AS REQUIRED UNTIL PROJECT COMPLETION.
- (11) WHEN AND ONLY AS DIRECTED.



STATE OF TENNESSEE **DEPARTMENT OF TRANSPORTATION** 

**ESTIMATED** ROADWAY QUANTITIES