



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

Kodi L. Berger
2025.02.03 15:39:31-05'00'

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. THE SIGNATURE MUST BE VERIFIED ON THE ELECTRONIC DOCUMENTS.

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

SHEET NAME	SHEET NO.
SIGNATURE SHEET.....	ROADWAY-SIGN2
INDEX OF SHEETS, STANDARD DRAWINGS, AND GENERAL NOTES.....	1A
ESTIMATED ROADWAY QUANTITIES.....	2

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2025	38I040-S3-004	ROADWAY-SIGN2

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

HAYWOOD CO.

STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION

SIGNATURE
SHEET

CELL BDR2ND
2/3/2025
\\kimley-horn.com\AT_VAB\BABS\SYSTEMS\LIGHTING\115004000 - TDOT Lighting On-Call\WO06 - Haywood County SR-1 Exit 66\CADD\Plan Sheets\SR1EXT66_01A.sht

ROADWAY INDEX

SHEET NAME	SHEET NO.
SIGNATURE SHEET(S).....	ROADWAY-SIGN1-2
TITLE SHEET.....	1
INDEX OF SHEETS, STANDARD DRAWINGS, AND GENERAL NOTES.....	1A – 1A1
LIGHTING SPECIAL NOTES.....	1A2
PROJECT COMMITMENTS.....	1B
ESTIMATED ROADWAY QUANTITIES.....	2
UTILITY NOTES AND UTILITY OWNERS.....	3
CONTROL CENTER AND POWER SUPPLY DETAILS.....	4
LIGHTING DETAILS (POLE DATA).....	5
PRESENT LAYOUTS.....	6, 7, 8
PROPOSED LAYOUTS.....	6A, 7A, 8A
ENVIRONMENTAL AND EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) NOTES.....	9 – 11
EPSC LEGEND & TABULATION.....	12
EPSC PLANS.....	13 – 15
GEOTECHNICAL PLANS.....	G1
UTILITY PLANS.....	U1-1

STANDARD ROADWAY DRAWINGS

DWG.	REV.	DESCRIPTION
STANDARD ROADWAY TITLE SHEET, ABBREVIATIONS, AND LEGENDS		
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 LIGHTING
RD-L-4	02-20-20	STANDARD LEGEND FOR SIGNALIZATION AND LIGHTING
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

DWG.	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

DWG.	REV.	DESCRIPTION
NEW STRUCTURES		
STD-8-4		SIGN, LUMINAIRE, AND TRAFFIC SIGNAL SUPPORTS

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC	2024	38I040-S1-004	1A
P.I.H.	2024	38I040-S3-004	1A
PS&E	2025	38I040-S3-004	1A
S.R.1 HAYWOOD CO. REV. 02/03/25: ADDED ROADWAY-SIGN2 TO INDEX			

SEALED BY



2/3/2025

STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION

INDEX OF
SHEETS,
STANDARD
DRAWINGS, AND
GENERAL NOTES

CELL BDR2ND
2/3/2025
\\kimley-horn.com\AT_VABIVAB_SYSTEMS\LIGHTING\115004000 - TDOT Lighting On-Call\WO06 - Haywood County SR-1 Exit 66\CADD\Plan Sheets\SR1EXT66_02.sht

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	9,200
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	810
712-01	TRAFFIC CONTROL	LS	1
712-06	SIGNS (CONSTRUCTION)	S.F.	688
712-08.03	ARROW BOARD (TYPE C)	EACH	2
714-03	JACKED OR BORED CONDUIT	L.F.	1,225
714-03.01	DIRECT BURIAL CONDUIT (2" PVC, SCHEDULE 40)	L.F.	8,872
714-05.04	PULL BOXES (TYPE C)	EACH	23
714-06.03	CABLE (1/C #10 AWG)	L.F.	4,225
714-06.04	CABLE (1/C #8 AWG)	L.F.	3,630
714-06.05	CABLE (1/C #6 AWG)	L.F.	23,986
714-08.09	LIGHT STANDARDS (40' M.H.)	EACH	32
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
714-08.27	FOUNDATION FOR LIGHT STANDARDS - HIGH MAST	EACH	6
714-08.28	FOUNDATION FOR LIGHT STANDARDS - ROADWAY (40' M.H.)	EACH	32
714-09.09	LED LUMINAIRES (180 WATT LED FOR OFFSET POLES)	EACH	32
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
714-25.01	ELECTRICAL CONNECTION (CONTROL CENTER NO. 1)	L.S.	1
714-25.02	ELECTRICAL CONNECTION (CONTROL CENTER NO. 2)	L.S.	1
717-01	MOBILIZATION	L.S.	1
801.01-07	TEMPORARY SEEDING (WITH MULCH)	UNIT	9
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
11 W21-5B	SIGNS (LEFT SHOULDER CLOSED AHEAD)	48" X 48"	16	4	64
11 W21-5B	SIGNS (RIGHT SHOULDER CLOSED AHEAD)	48" X 48"	16	4	64
11 W21-5	SIGNS (LEFT SHOULDER CLOSED)	48" X 48"	16	4	64
11 W21-5	SIGNS (RIGHT SHOULDER CLOSED)	48" X 48"	16	4	64
TOTAL					688

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

- (1) 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

(2) #6 AWG CONDUCTORS TO BE INSTALLED AS GROUND CONDUCTOR FOR ALL UNDERGROUND CIRCUITS.

(3) 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.

(4) HIGH MAST FOUNDATIONS TO BE DESIGNED BY CONTRACTOR. SEE STANDARD DRAWING T-L-1.

(5) DIRECTIONAL BORING ONLY.

(6) 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.

(7) INCLUDES ONE (1) THOUSAND GALLONS FOR EROSION PREVENTION AND SEDIMENT CONTROL.
- (8) SEE STANDARD DRAWING T-L-1.


(9) 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.

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC	2024	38I040-S1-004	2
P.I.H.	2024	38I040-S3-004	2
PS&E	2025	38I040-S3-004	2
S.R.1 HAYWOOD CO. REV. 02/03/25: ADDED SUPPLEMENTAL DESCRIPTION FOR ITEM 714-08.09 AND ADDED ITEM 714-08.28			

SEALED BY



2/3/2025

STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION

ESTIMATED
ROADWAY
QUANTITIES