

TOWN OF JAMES ISLAND  
P.O. BOX 12240, JAMES ISLAND, SC 29412

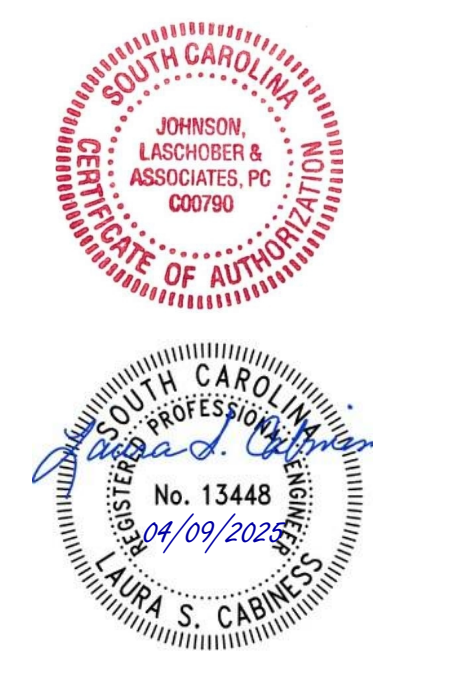
# DILLS BLUFF SPEED SIGNS

DILLS BLUFF ROAD, CHARLESTON, SC 29412



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CLIENT: THE TOWN OF JAMES ISLAND  
1122 DILLS BLUFF ROAD, JAMES ISLAND, SC 29412  
PROJECT NAME: DILLS BLUFF SPEED SIGNS  
PROJECT LOCATION: DILLS BLUFF ROAD



REV	DATE	BY	DESCRIPTION
B	04/09/25	LCS	ISSUED FOR OWNER REVIEW
A	03/03/25	LCS	ISSUED FOR OWNER REVIEW

PROJECT NO.	3082.2401
DRAWN BY:	CDB
CHECKED BY:	HWG
DATE:	02/21/2025
SHEET TITLE:	COVER SHEET
SCALE:	AS NOTED
DRAWING NO.	CG001
REV.	B

### GENERAL NOTES

- ALL CONSTRUCTION SHALL CONFORM TO THE REGULATIONS AND SPECIFICATIONS OF THE TOWN OF JAMES ISLAND.
- THE CONTRACTOR SHALL COORDINATE THE WORK WITH THE UTILITY COMPANIES AS REQUIRED TO VERIFY LOCATIONS PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL LOCAL PERMITS AND LICENSES AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
- THE ESCAPE OF SEDIMENT FOR THIS SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBANCE ACTIVITIES.
- ALL DISTURBED AREAS SHALL BE SODED, EXCEPT AS SPECIFIED ON THE PLANTING PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF EXCESS EXCAVATED MATERIALS NOT SUITABLE OR NOT REQUIRED FOR BACKFILLING.
- ALL EXISTING SEWERS, PIPING, AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AS EXACT LOCATION, OR AS THE ONLY OBSTACLES THAT MAY OCCUR ON THE SITE. THE CONTRACTOR IS TO PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES. THE LOCATION OF ALL EXISTING UTILITIES SHOWN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL CALL THE PALMETO UTILITY PROTECTION SERVICES (PUPS) AT 811 OR 800-721-7877 PRIOR TO DIGGING AND ALSO BE AWARE OF ALL EXISTING UTILITY LINE LOCATIONS DURING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES FOR THE LOCATION OF UTILITIES NOT SHOWN ON THE PLANS.
- EXISTING IMPROVEMENTS, UTILITIES, TREES, AND PLANTS THAT ARE NOT TO BE REMOVED SHALL BE PROTECTED FROM INJURY OR DAMAGE RESULTING FROM THE CONTRACTOR'S OPERATIONS. DAMAGE TO ALL EXISTING CONDITIONS TO REMAIN SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE WITH THIS WORK BEING INCIDENTAL TO CONSTRUCTION. IF THE CONTRACTOR REMOVES ANY UNDERGROUND OBSTRUCTIONS, THE AREA IN WHICH THE UNDERGROUND OBSTRUCTION WAS LOCATED SHALL BE RESTORED TO THE ORIGINAL CONDITION OR BETTER.
- THE CONTRACTOR SHALL MOVE AND REPLACE SIGNS, POLES, SIDEWALK, CURB/GUTTER AND RELOCATE EXISTING UTILITIES ETC. AS REQUIRED WITH THIS WORK BEING INCIDENTAL TO CONSTRUCTION.
- ALL CONSTRUCTION MATERIALS SHALL BE NEW, UNLESS SPECIALLY NOTED OTHERWISE.
- THE CONTRACTOR SHALL PROMPTLY INFORM THE OWNER IN WRITING OF ANY ERRORS, DISCREPANCIES, OR CONFLICTS DISCOVERED IN OR BETWEEN THE PLANS AND SPECIFICATIONS.
- COMPACT SUBGRADE TO REQUIREMENTS AS SHOWN ON THE DETAILS.
- NO EQUIPMENT SHALL BE DRIVEN OVER THE AREA WITHIN SIX FEET OF A TREE WHICH IS TO REMAIN UNLESS USED FOR IMMEDIATE ADJACENT CONSTRUCTION. NO SUCH TREE SHALL BE USED TO SUPPORT BUILDING MATERIALS, SCAFFOLDING, OR EQUIPMENT NOR SHALL SUCH EQUIPMENT OR TOPSOIL BE STOCKPILED WITHIN EIGHT FEET THEREOF. ALL TREE PROTECTION SHALL BE INSTALLED PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF SUCH HAZARDS AS MUD, DEBRIS, LOOSE STONE, AND TRASH AS MAY BE WASHED OR SPILLED ONTO ADJACENT AREAS.
- EXCESS MATERIAL REMAINING AFTER THE SITE HAS BEEN GRADED TO FINAL CONTOURS SHALL BE HAULED AND DISPOSED IN A LEGAL MANNER.
- THE TOWN WILL PROVIDE SPECIAL INSPECTIONS AS NECESSARY FOR THE VARIOUS WORK TASKS. THE CONTRACTOR SHALL COORDINATE THE WORK SCHEDULE TO PLAN FOR THE INSPECTIONS.

**PROJECT NOTES:**

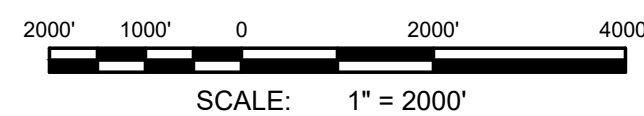
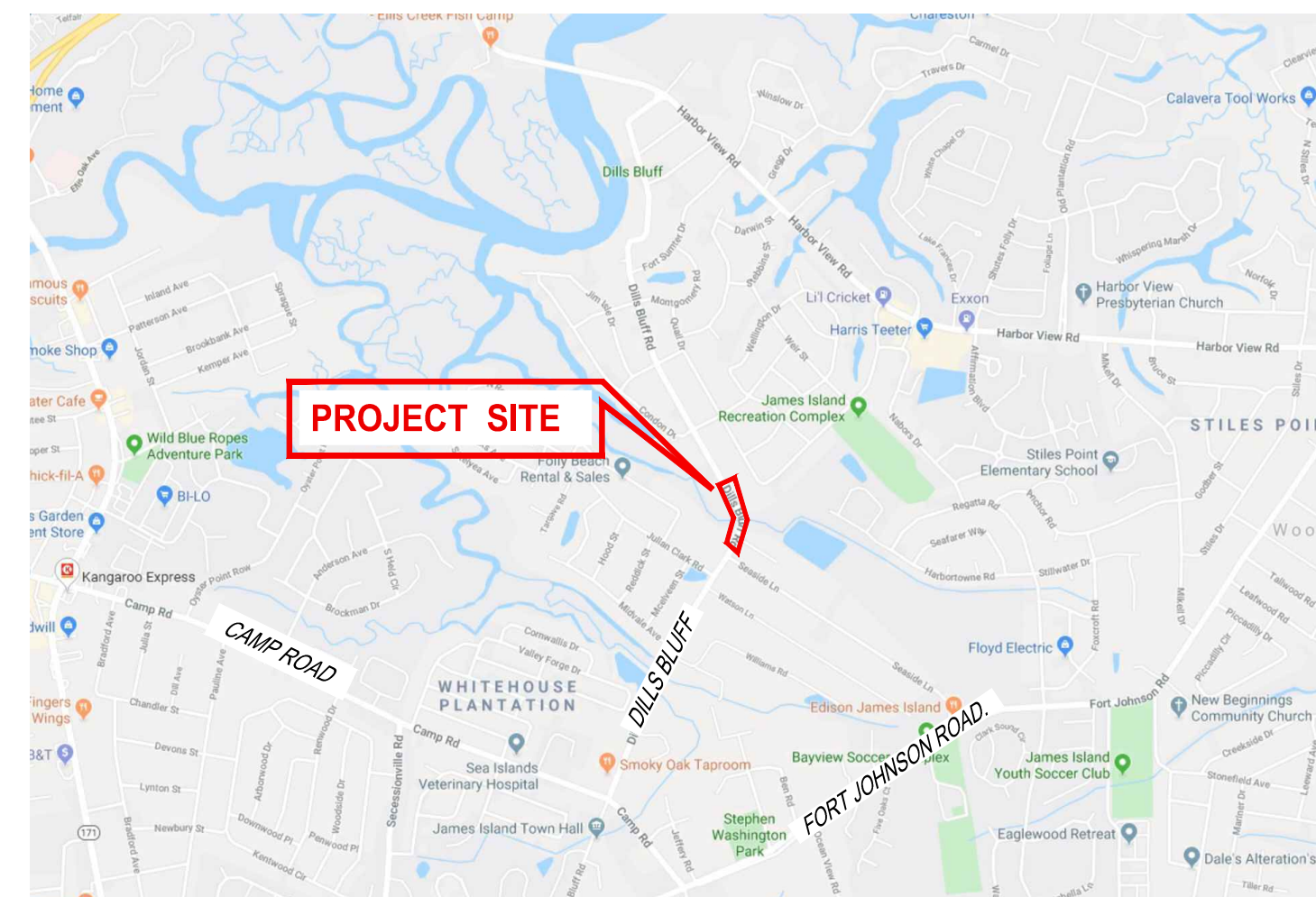
- PROJECT IS FOR THE INSTALATION OF TWO (2) RADAR SPEED SIGNS AT LOCATIONS HIGHLIGHTED IN THESE DRAWINGS.
- CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL AND COMPLIANCE WITH SCDOT PERMIT WHICH IS ATTACHED TO THESE DRAWINGS.
- RADAR SPEED SIGN, SPEED LIMIT SIGN (R2-1) AND SOALAR PANAL TO BE RPORVDIED BY OWNER.
- CONTRACTOR TO PROVIDE 12' ALUMINUM 4.5" DIA. PED POLE AND CONCRETE FOUNDATION.



Know what's below.  
Call before you dig.

**UTILITY WARNING:**  
THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE ENGINEER MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE ENGINEER FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE ENGINEER HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

### PROJECT LOCATION MAP



### SITE LEGEND

	EXISTING	PROPOSED	ABBREV.	DESCRIPTION
BLDG. STRUCTURE			ASPH.	ASPHALT
PROPERTY LINE OR RIGHT-OF-WAY			B.M. OR BM	BENCH MARK
SPOT ELEVATION			BOC, BC	BACK OF CURB
TREE LINE			C	CABLE
CONTOUR			CMP	CORRUGATE METAL PIPE
STORM DRAIN			CO	CLEAN-OUT
FRENCH DRAIN			CONC.	CONCRETE
SANITARY SEWER			C.P.	CONTROL POINT
CLEAN-OUT/SS SERVICE			DET.	DETAIL
WATER			DIP	DUCTILE IRON PIPE
NATURAL GAS			D.I.	DRAINAGE INLET
OVERHEAD POWER			DWG.	DRAWING
UNDERGROUND POWER			EL./ELEV.	ELEVATION
OVERHEAD TELEPHONE			EXIST.	EXISTING
UNDERGROUND TELEPHONE			EOP, EP	EDGE OF PAVEMENT
CABLE			FO	FIBER OPTIC
FIBER OPTICS			FH	FIRE HYDRANT
DITCH/SWALE			GV	GAS VALVE
FENCE			I.E.	INVERT ELEV.
CONCRETE			L	LINEAR FEET LEFT
ASPHALT			MH	MANHOLE
SLOPE			MJ	MECH. JOINT
			PID	PROPERTY ID NUMBER
			PP	POWER POLE
			PVMT.	PAVEMENT
			R	LINEAR FEET RIGHT
			RCP	REINFC. CONC. PIPE
			RJF	RESTRAINT JOINT FITTING
			RW	RAW WATER
			RW, ROW	RIGHT-OF-WAY
			SD	STORM DRAIN
			STA	STATION
			SS	SANITARY SEWER
			TYP.	TYPICAL
			TP	TELEPHONE PEDESTAL
			TI	TOP
			U.N.O.	UNLESS NOTED OTHERWISE
			VERT.	VERTICAL
			WM	WATER METER
			WV	WATER VALVE

### INDEX OF DRAWINGS

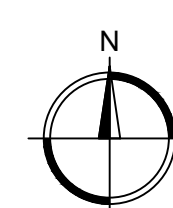
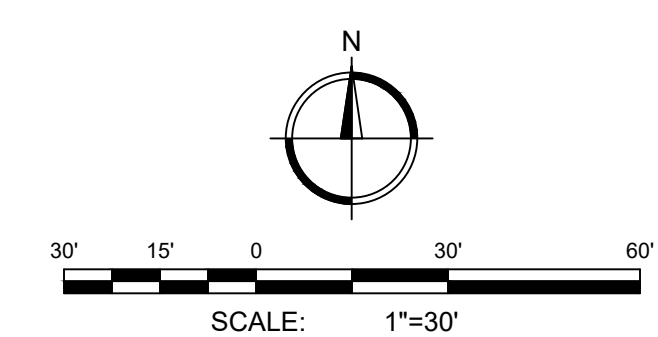
Sheet Number	Sheet Title
CG001	COVER SHEET
CV101	EXISTING CONDITIONS PLAN SHEET 1 OF 3
CV102	EXISTING CONDITIONS PLAN SHEET 2 OF 3
CV103	EXISTING CONDITIONS PLAN SHEET 3 OF 3
C-101	SITE LAYOUT & STAKING PLAN SHEET 1 OF 3
C-102	SITE LAYOUT & STAKING PLAN SHEET 2 OF 3
C-103	SITE LAYOUT & STAKING PLAN SHEET 3 OF 3
C-601	SITE DETAILS

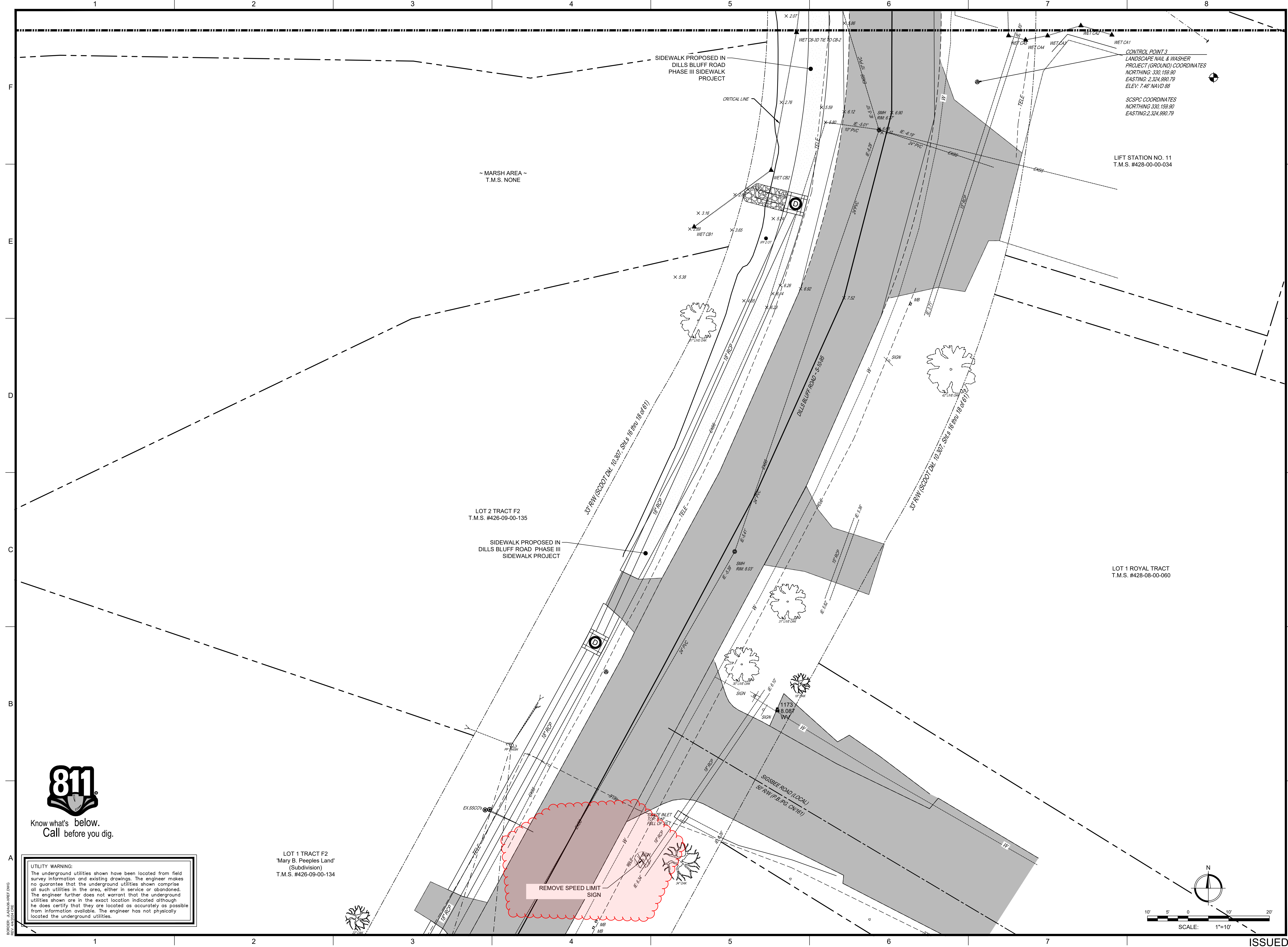
### PROJECT DATA

**OWNER (PRIMARY PERMITEE):**  
TOWN OF JAMES ISLAND  
NIKI GRIMBALL  
1122 DILLS BLUFF ROAD  
JAMES ISLAND, SC 29412  
EMAIL: NGRIMBALL@JAMESISLANDSC.US

**PARCELS:** NA  
**ZONING:** NA  
**PROPERTY ADDRESS:** DILLS BLUFF ROAD  
**TOTAL AREA:** 9.07 ACRES  
**TOTAL AREA:** .02 ACRES  
**PROPERTY COORDINATES:** 32.844234444° N  
-79.854598103° W

**OWNER'S REP/24 HOUR CONTACT:**  
JOHNSON, LASCHOB &  
ASSOCIATES, P.C.  
HERBERT W. GILLIAM, P.E.  
701 EAST BAY ST., SUITE 304  
CHARLESTON, SC 29403  
PHONE: (706) 724-5756  
EMAIL: hgilliam@thejlagroup.com





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PROJECT NAME: **DILLS BLUFF SPEED SIGNS**  
PROJECT LOCATION: DILLS BLUFF ROAD

Professional Engineer Seal: LAURA S. CARBONE, No. 13448, State of South Carolina. The seal is circular with the text 'SOUTH CAROLINA PROFESSIONAL ENGINEER' and 'LAURA S. CARBONE' around the perimeter.

REV	DATE	BY	DESCRIPTION
B	04/09/25	LCS	ISSUED FOR OWNER REVIEW
A	03/03/25	LCS	ISSUED FOR OWNER REVIEW

PROJECT NO. 3082.2401  
DRAWN BY: CDB  
CHECKED BY: HWG  
DATE: 02/21/2025  
SHEET TITLE: **EXISTING CONDITIONS PLAN SHEET 1 OF 3**  
SCALE: AS NOTED  
DRAWING NO. **CV101** REV. **B**

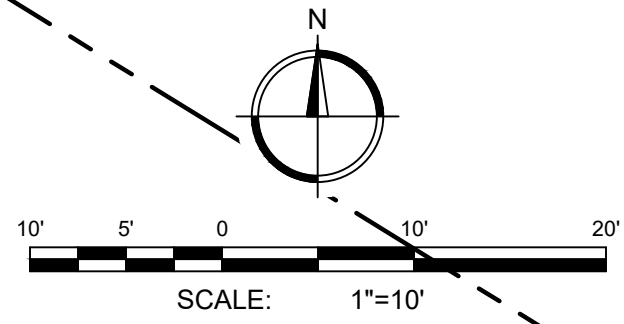


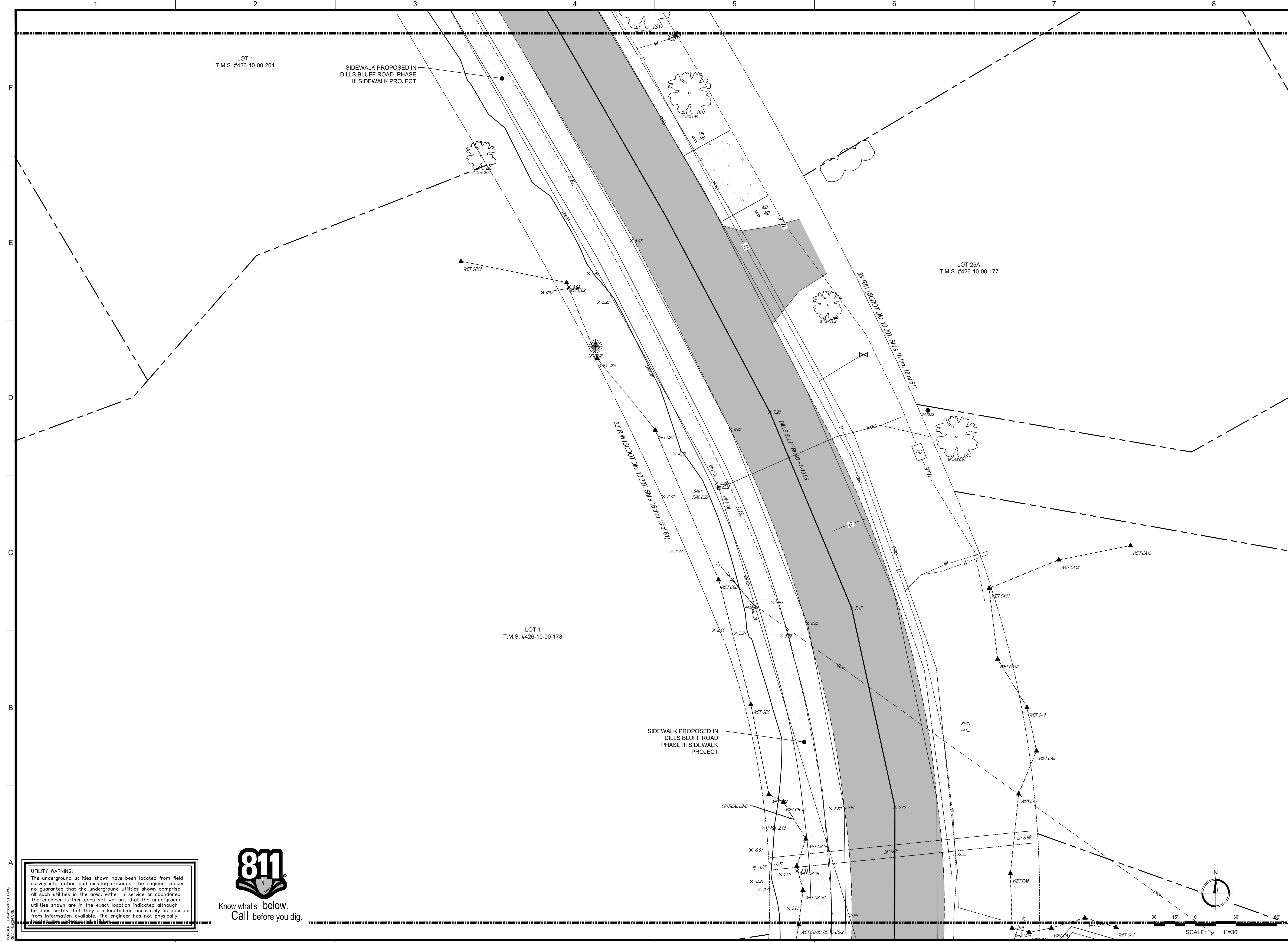
**UTILITY WARNING:**  
The underground utilities shown have been located from field survey information and existing drawings. The engineer makes no guarantee that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The engineer further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from information available. The engineer has not physically located the underground utilities.

LOT 1 TRACT F2  
'Mary B. Peoples Land'  
(Subdivision)  
T.M.S. #426-09-00-134

LOT 2 TRACT F2  
T.M.S. #426-09-00-135

LOT 1 ROYAL TRACT  
T.M.S. #428-08-00-060





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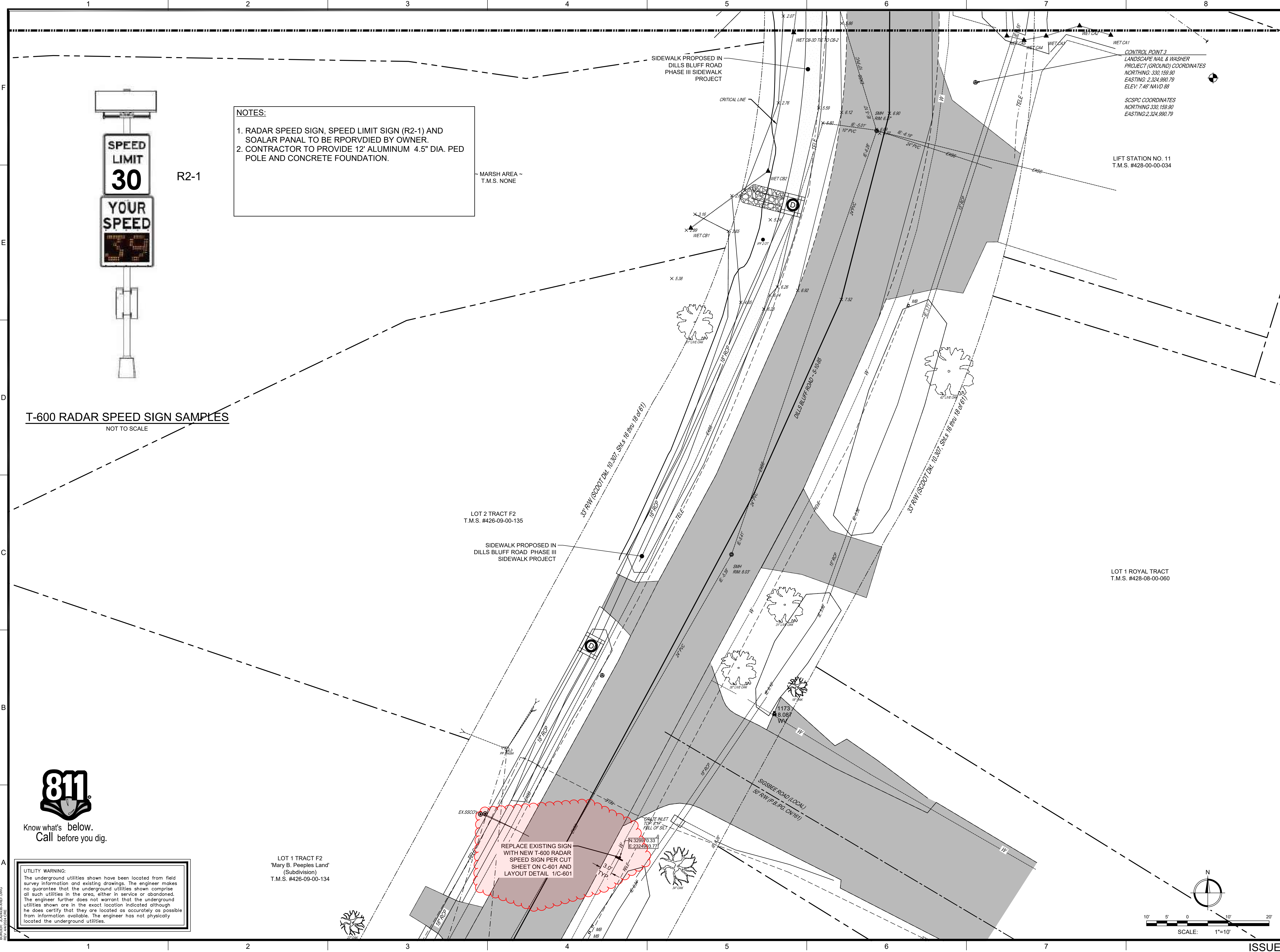
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 CHECKED BY: HWG  
 DATE: 02/21/2025  
 SHEET TITLE:  
**EXISTING CONDITIONS PLAN SHEET 2 OF 3**  
 SCALE: AS NOTED  
 DRAWING NO. **CV102** REV. **B**

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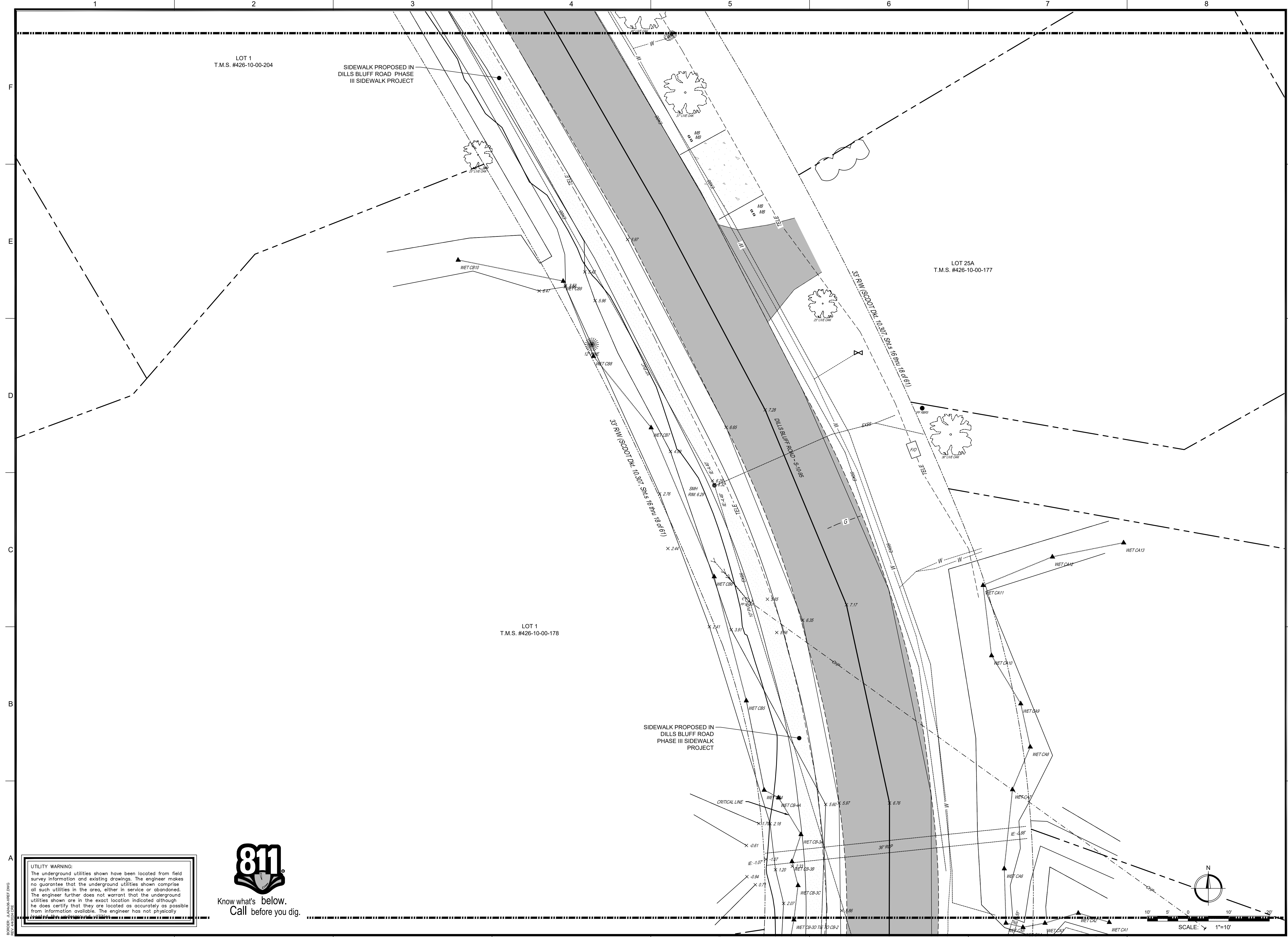


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PROJECT NO. 3082.2401  
DRAWN BY: CDB  
CHECKED BY: HWG  
DATE: 02/21/2025  
SHEET TITLE: **SITE LAYOUT & STAKING PLAN SHEET 1 OF 3**  
SCALE: AS NOTED  
DRAWING NO. **C-101** REV. **B**



LOT 1  
T.M.S. #426-10-00-204

SIDEWALK PROPOSED IN  
DILLS BLUFF ROAD PHASE  
III SIDEWALK PROJECT

LOT 25A  
T.M.S. #426-10-00-177

LOT 1  
T.M.S. #426-10-00-178

SIDEWALK PROPOSED IN  
DILLS BLUFF ROAD  
PHASE III SIDEWALK  
PROJECT

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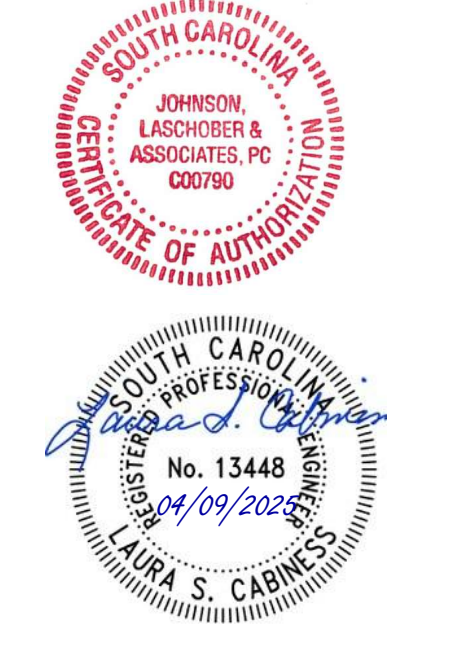
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DRAWN BY: CDB  
CHECKED BY: HWG  
DATE: 02/21/2025  
SHEET TITLE:  
**SITE LAYOUT & STAKING PLAN SHEET 2 OF 3**  
SCALE: AS NOTED  
DRAWING NO. **C-102** REV. **B**

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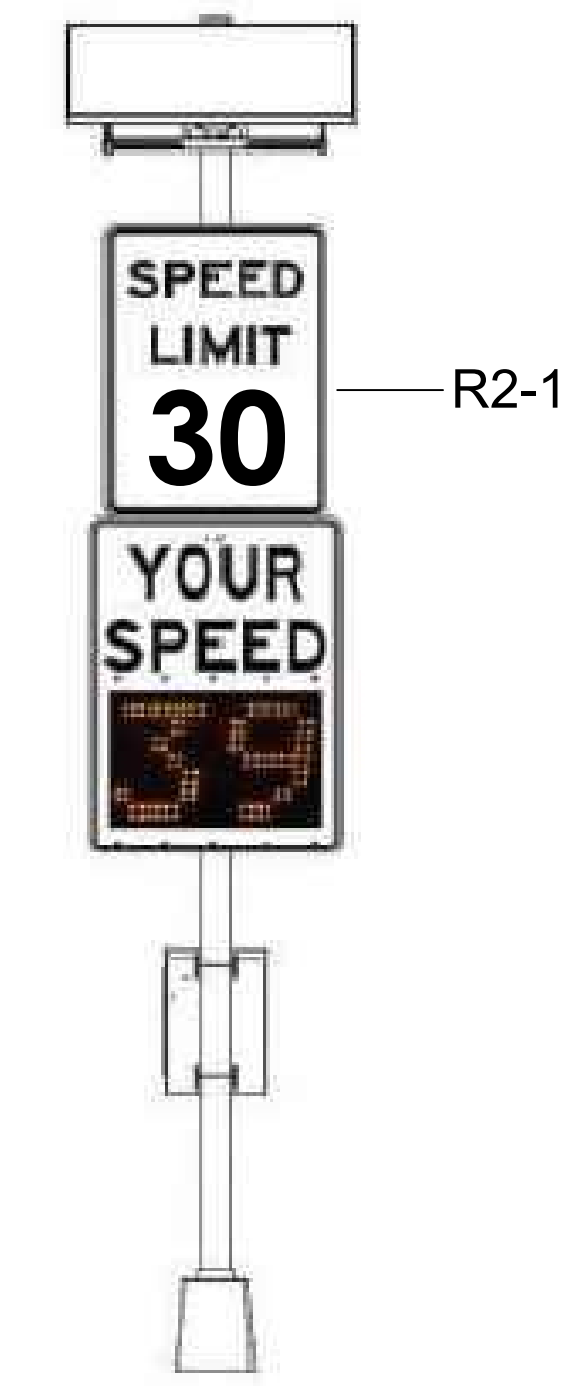
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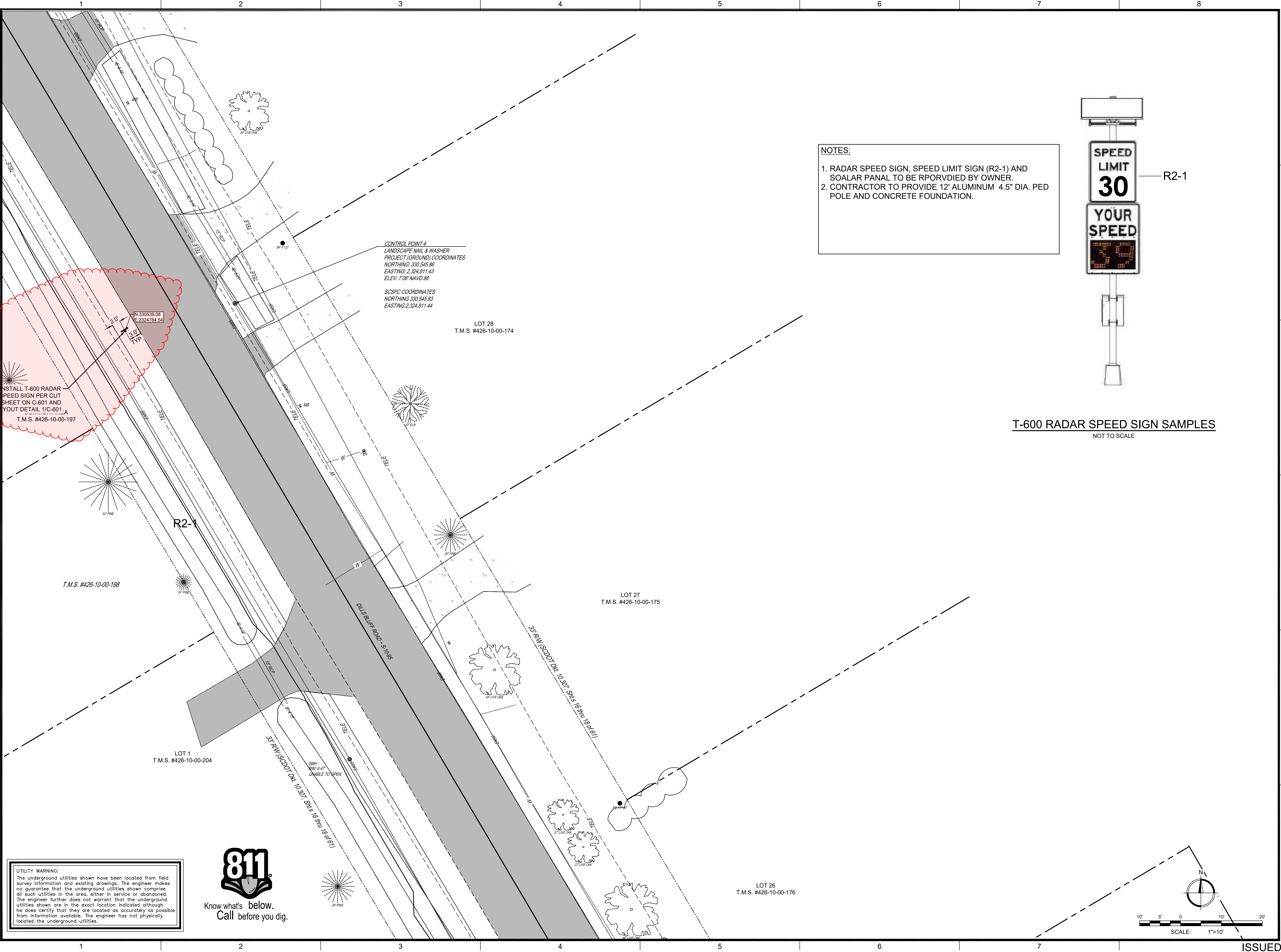
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PROJECT NO. 3082.2401  
DRAWN BY: CDB  
CHECKED BY: HWG  
DATE: 02/21/2025  
SHEET TITLE:  
**SITE LAYOUT &  
STAKING PLAN  
SHEET 3 OF 3**  
SCALE: AS NOTED  
DRAWING NO. **C-103** REV. **B**

**NOTES:**  
1. RADAR SPEED SIGN, SPEED LIMIT SIGN (R2-1) AND SOLAR PANEL TO BE PROVIDED BY OWNER.  
2. CONTRACTOR TO PROVIDE 12" ALUMINUM 4.5" DIA. PED POLE AND CONCRETE FOUNDATION.



**T-600 RADAR SPEED SIGN SAMPLES**  
NOT TO SCALE



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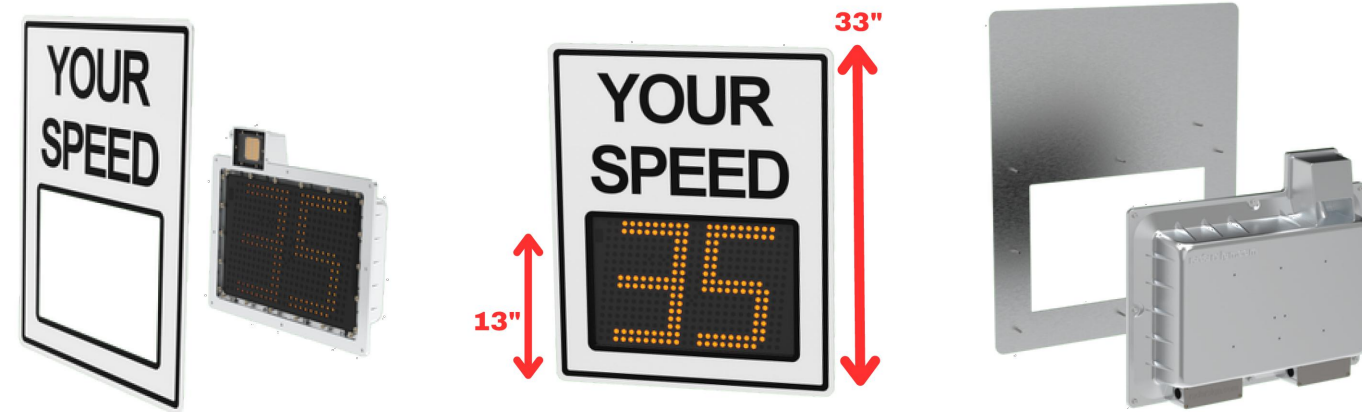


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## TC-600 RADAR SPEED SIGN



### LED DISPLAY

- Speed Display Numbers: 13" tall speed display numbers; capable of showcasing 2 or 3 digits, with readability up to 600 feet
- Ideal Speed Range: Ideal for roads with traffic speeds ranging from 5 to 60 mph
- LED Configuration: Super bright amber LEDs in full matrix design; Life up to 100,000 hours
- Enhanced Visibility Design: Laser cut flat black mask enhances visibility of LED display when illuminated; Ensures completely dark display when LEDs are off
- Adjustable Display Brightness: Display brightness fully automatic or user adjustable

### SPEED VIOLATOR ALERTS

- Standard Alerts: SPEED with 3 flash rate options; Enhanced font; SLOW DOWN; TOO FAST
- Alert Options: Display speed and word message alerts alternately or individually based on speed settings
- Speed Display Flash Rates: MUTCD flash (approx. 55-60 fpm); slow flash (approx. 90 fpm); fast flash (approx. 140 fpm)
- Optional Message Alerts: Available options include SHARP CURVE; right or left facing chevrons; SCHOOL ZONE; smiley face; FINE \$\$\$ (not available with cellular signs)
- Optional Strobe Alerts: Available options include red strobe alert; blue strobe alert; alternating red/blue strobe alert (police flash); white strobe alert (capable of simulating a camera flash)

### YOUR SPEED FACEPLATE

- Dimensions: 28"W x 33"H with 4" high lettering; Optional oversized 30"W x 36"H YOUR SPEED faceplate available
- Available in white, yellow, fluorescent yellow/green, and safety orange

### SOLAR POWER MODEL

- Operation: Operates 24/7 with solar power supply
- Power Supply: Two 12-volt, 18 amp/hour AGM batteries (UL recognized); Provides up to 14 days of back-up operation on fully charged batteries
- Power Consumption: < 2.0 amps (24w) at maximum display intensity; Idle mode: < 1/2 watt
- Circuit Breaker: Multi-circuit; 3 x 10 amp fuses
- Battery Status Monitoring: Check battery charge levels and solar amperage via Wi-Fi or cellular
- Low battery cut-off feature provides intelligent battery management, optimizing the performance and longevity of the battery
- Charger and battery characteristics matched to operate within the sign's operating temperature range
- Solar Panel Output: 50 watt standard
- Solar Charger: Fully integrated charge controller that continuously monitors and logs data regarding solar output and battery charge status

### AC POWER MODEL

- Operation: Operates 24/7 with AC power supply
- Power Supply: Hard wire to 100 VAC-240 VAC
- Power Consumption: < 2.0 amps (24w) at maximum display intensity; Idle mode: < 1/2 watt
- Circuit Breaker: Multi-circuit, 10 amp fuse

### ELECTRONICS

- All power inputs are fused and reverse polarity protected
- All circuit boards are conformally coated for extra protection
- Automatic reset and watch-dog circuitry ensure the sign returns to normal operation without the need for user intervention

info@radarsign.com



678-965-4814

TC-600 Radar Speed Sign Spec Sheet MK0023 V24.01

### RADAR

- Type: K Band, single direction Doppler radar; FCC part 15 compliant; No license required
- Sensor Range: Detects vehicles up to 1200 feet
- Beam Width: 12 degrees, +/- 2 degrees
- Operating Frequency: 24.125 GHz, +/- 50 MHz
- Accuracy: +/- 1.0 mph
- Speed Detection Range: 5-127 mph; 8-198 kph

### RADAR SPEED SIGN HOUSING

- Industrial Design: Single-piece cast aluminum housing; Seamless construction with no welding; Provides maximum protection from the elements and vandalism
- Thickness: Constructed from 0.1875" thick heavy-duty aluminum
- Compliance Standards: IP65 compliant; NEMA 4 level compliant
- Humidity Maximum: 100%; Non-sealed and ventilated
- Provides maximum protection from the elements and vandalism
- Dimensions: 18.5"H x 26.25" W x 5.0"D
- Mounting Bracket: Stainless steel mounting hardware included for poles up to 4.5" OD

### WEIGHT & OPERATING TEMPERATURE

- TC-600 Solar Power Model: Weight 67 lbs.
- TC-600 AC Power Model: Weight 42 lbs.
- Operating temperature: -40°F to +160°F

### STANDARD FEATURES ON ALL RADARSIGN MODELS

#### BASHPLATE™ WITH INTEGRATED LED REFLECTOR CONES

- Heavy duty aluminum shield over LED display to protect components from abuse or vandalism
- Radarsign's proprietary directional beam technology includes custom reflectors positioned around each LED. This unique design magnifies the intensity of the light, ensuring the highest quality viewable display with minimal energy usage.

#### POLYCARBONATE DISPLAY COVER

- .25" thick protective sheet covers entire display area
- Abrasion, graffiti and shatter resistant; Provides UV protection

#### WI-FI ENABLED

- Radar speed sign emits it's own Wi-Fi signal, eliminating the need for an internet connection. Manage sign with smart phone, tablet, or laptop; Allows for quick, easy sign operation and data download from most web enabled devices.
- Connection range up to 300 feet from sign
- WPA2 encrypted security; Unique password protected
- OTA Software Updates (over-the-air): Allow the wireless delivery of software updates and upgrades directly to the radar sign
- Speed is 10x faster and has 10x the range of Bluetooth

#### STANDARD PROGRAMMING

- Setup Functions: Easy-to-navigate digital menu; No mechanical switches to operate
- Daily Timers: Allow up to 5 on/off timer settings per day, including 4 customizable timers in addition to the standard setting. Settings allow for lower speed limits for school zone times.
- Stealth Mode: This feature allows the display to be turned off while still allowing continuous traffic data collection. This ensures data monitoring even when the display is not active.
- Possum Switch™: In the event of a forceful attack, the sign can simulate inactivity or "play dead" for a duration of 30 minutes. This feature helps protect the sign from malicious tampering or damage.
- Maximum Speed Cutoff: Designed to prevent the sign from displaying excessively high speeds, this feature curbs any attempts at speeding towards or "racing" the sign. Users have the option to choose between flashing dashes or an LED display cutoff.

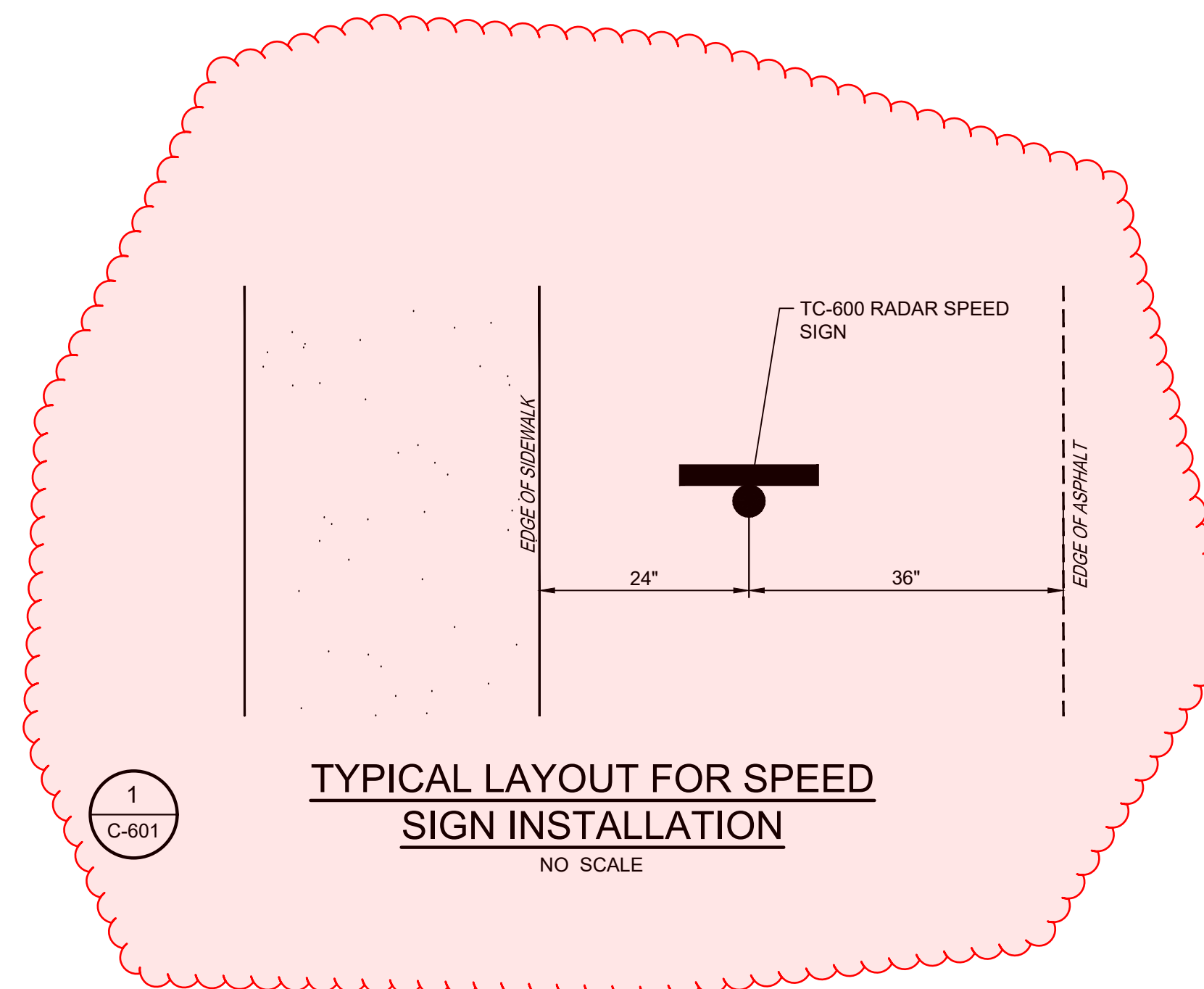
**WARRANTY**: 2 years on parts and labor including batteries; Exceptions: Does not cover malicious abuse, theft, or damage due to unauthorized modification.

### OPTIONAL DATA REPORTING, MANAGEMENT AND SCHEDULING FEATURES

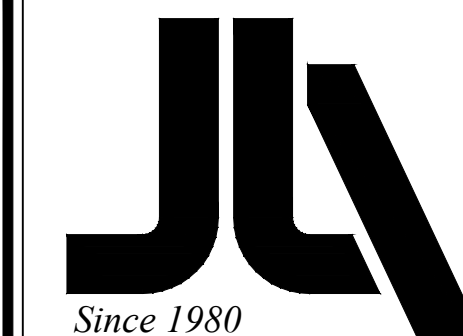
**STREETSMART TRAFFIC DATA COLLECTION & REPORTING SOFTWARE**: This feature comes with a lifetime license for a one-time charge, eliminating recurring fees. It is licensed per sign and allows the download, reporting, organization, and analysis of speed and traffic data recorded by the radar speed sign. Users can generate 35 charts and graphs with Excel™ macro. The Traffic Data Storage Capacity allows data storage for up to 5 million vehicles, retaining data for 12 months in the sign before overwriting the oldest data first.

**CLOUD SERVICE**: The built-in cellular modem allows cloud accessibility from anywhere with an internet connection. It enables remote management of sign settings for your entire network of signs. Additionally, it uploads daily traffic statistics to the Radarsign Cloud server (requires the purchase of a StreetSmart data license). This feature also provides alerts in case of low battery or interrupted connection.

**ADVANCED SCHEDULER**: Date-driven program enables the pre-programming of multiple years and schedules for radar speed signs. This functionality is particularly beneficial for scheduling in school zones or areas where events occur regularly.



TYPICAL LAYOUT FOR SPEED SIGN INSTALLATION  
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CLIENT: THE TOWN OF JAMES ISLAND  
1122 DILLS BLUFF ROAD, JAMES ISLAND, SC 29412

PROJECT NAME: DILLS BLUFF SPEED SIGNS

PROJECT LOCATION: DILLS BLUFF ROAD



REV	DATE	BY	DESCRIPTION
B	04/09/25	LCS	ISSUED FOR OWNER REVIEW
A	03/03/25	LCS	ISSUED FOR OWNER REVIEW

PROJECT NO. 3082.2401

DRAWN BY: CDB

CHECKED BY: HWG

DATE: 02/21/2025

SHEET TITLE: SITE DETAILS

SCALE: AS NOTED

DRAWING NO. C-601

REV. B

ISSUED FOR CONSTRUCTION

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By: Davis Bryant

**SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION  
Encroachment Permit**

Permit No : 300073  
Permit Decision Date :  
12/1/2025  
Expiration Date : 12/1/2026

Type Permit :TRAFFIC  
CALMING

Location:

<u>District</u>	<u>Work County</u>	<u>Type</u>	<u>Route</u>	<u>Aux</u>	<u>Begin MP</u>	<u>End MP</u>
6	Charleston, SC	S-	95	None	1.158	0.791

Contact Information

Applicant: TownofJamesIslandSC

Phone: (843)795-4141

Contact: Keith LaDeaux

Address: 1155 Dills Bluff Road,

City: James Island

State: SC

Zip: 29412

Comments

The Town of James Island requests to install 2 radar speed signs on Dills Bluff Road as shown on the attached plans. One sign to be installed adjacent to the northbound lane located approximately 32 feet south of the intersection of Sigsbee Road and Dills Bluff Road. One sign to be located adjacent to the south bound lane approximately 578 feet north of the intersection of Sigsbee Road and Dills Bluff Road.

Special Provisions:

0003 - WHEN ROADS ARE RESURFACED, SHOULDERS SHALL BE REGRADED TO THE EDGE OF PAVEMENT TO CONFORM TO THE DEPARTMENT SPECIFICATIONS.

0004 - SCDOT SHALL BE NOTIFIED WHEN WORK DEFINED IN THE PERMIT STARTS AS WELL AS WHEN THE WORK IS COMPLETED. REFERENCE SHALL BE MADE BY PERMIT NUMBER.

0101 - SHOULDER SOD DESTROYED BY THIS INSTALLATION TO BE REPLACED FOR THE ENTIRE AREA. THE AREA SHALL BE RE-SHAPED AND ROLLED TO THE CROSS SECTION EXISTING PRIOR TO THIS WORK.

0209 - DISTURBED VEGETATION SHALL BE RESEEDDED ACCORDING TO THE SPECIFICAION FOR HIGHWAY CONSTRUCTION.

0301 - THE DITCHES AND/OR SHOULDERS DISTURBED DURING THE INSTALLATION SHALL BE RE-ESTABLISHED TO PROPER GRADE, ORIGINAL CROSS SECTION, STABILIZED, AND ALL DRAIN PIPES CLEARED.

0303 - THE ENTIRE DISTURBED AREA SHALL BE TOP-SOILED USING 3" OF SELECTED MATERIAL AND RE-GRASSED TO SCDOT SPECIFICATIONS.

0306 - TRAFFIC CONTROL, LIGHTS, SIGNS AND FLAG-MEN WILL BE FURNISHED BY APPLICANT AND WILL CONFORM TO PART VI OF THE MANUAL ON UNIFORM

TRAFFIC CONTROL DEVICES.

0310 - FIELD CHANGES, IF NECESSARY, MUST BE APPROVED IN WRITING BEFORE ACTUAL CONSTRUCTION OF PROPOSED CHANGES.

0312 - THE PERMITTEE SHALL HOLD THE DEPARTMENT HARMLESS FOR DAMAGES TO BOTH UPSTREAM AND DOWNSTREAM PROPERTIES.

0316 - ALL NON-PERMITTED OBJECTS ON THE RIGHT-OF-WAY, WHICH MUST BE REMOVED, SHALL NOT BE REPLACED ON THE RIGHT-OF-WAY WITHOUT WRITTEN PERMISSION OF THE DEPARTMENT.

0318 - THE APPLICANT SHALL BE RESPONSIBLE FOR IMMEDIATE REMOVAL OF SUCH TRAFFIC HAZARDS AS MUD, DEBRIS, LOOSE STONE, AND TRASH AS MAY BE WASHED OR SPILLED ON THE TRAVELED ROADWAY AS A RESULT OF THE PROPOSED WORK.

0320 - ALL DEBRIS TO BE CLEARED FROM THE RIGHTS-OF-WAY WITHIN TEN (10) DAYS.

9999 - See Attached for Additional Special Provisions

## Additional Standard Provisions – Permit #300073

The following are general requirements that this permitted project will need to comply with:

- **The permittee and/contractor is to be fully aware of these provisions. Also see attached drawings, details, and location maps of proposed work to be done under this permit.**
- **Permittee shall be responsible for providing traffic control signage, devices Flaggers, ECT. As required, per SCDOT standard drawings and/or the MUTCD.**
- **Town of James Island will be responsible for the maintenance of Radar Speed Signs associated with signage at no expense to the SCDOT, in perpetuity.**
- **Town of James Island shall hold the SCDOT harmless in any litigation involving the associated signage, in perpetuity.**
- **Sign's structure shall be of a crashworthy material.**
- **Sign poles must be a breakaway design in each at ground level.**
- **Permittee is required to obtain written approval by SCDOT before any field changes affecting referenced permit prior to implementation in field.**
- **Local access traffic must be always maintained.**
- **Only single lane closures are approved for this permit. If a full roadway closure becomes necessary, the applicant is to submit a detour plan to the SCDOT for review and approval prior to the roadway closure being implemented.**



- **The Permittee must coordinate with local emergency services that will be affected by the construction activity. Local emergency services must be notified (1) week in advance of the start of construction.**
- **The Permittee must coordinate with the residents that will be affected by the construction activity. Residents must be notified (1) week in advance of the start of construction. Residents must always have access to their properties.**
- **There shall be no pavement cuts of SCDOT roadways for work performed under this permit.**
- **Any existing roadway pavement damage or removed in connection with this work will be replaced, using the same thickness & type of material destroyed, or according to specifications called for in the South Carolina Department of Transportation construction manual (latest edition), whichever is greater.**
- **Where pavement is cut & replaced, the Permittee shall cut the edges to a straight & even line before removing the pavement. No ragged edges will be allowed or accepted. All patches & repairs will have squared corners. Prior to placing new asphalt all existing edges are to be tacked as per current SCDOT specifications.**
- **FUTURE MOVING OF PHYSICAL APPURTENANCES: If, in the opinion of the State Highway Engineer, it should ever become necessary to move or remove the physical appurtenances, or any part thereof contemplated herein, on account of change in location of the highway, widening of the highway, or for other sufficient reason, such moving shall be done on demand of the Department at the expense of the Permittee**
- **Construction shall meet the regulations of the current DOT's ADA Guidelines for Transportation Facilities, SCDOT Standard Drawings for Road Construction, SCDOT Standard Specifications for Highway Construction, Supplemental Specifications and SCDOT Utilities Accommodations Manual.**



- *Any review of information associated with the application for the Encroachment Permit by the South Carolina Department of Transportation (SCDOT) is completed for conformance with generally accepted policies and standards. The SCDOT reviews do not in any way absolve the Permittee of the responsibility for providing complete and accurate construction documents and practicing proper construction practices. Review and subsequent approval of the Encroachment Permit by the SCDOT does not establish any liability by the Department for errors or omissions identified later. If at any time the permitted project is found to be delinquent in standard or performance, the Permittee will be responsible for taking all necessary steps to correct issues to the satisfaction of the SCDOT.*
- **If there is any digging, excavating, trenching, boring, etc. within 500 feet of a signalized intersection, the permittee is responsible for contacting the SCDOT Traffic Signal Shop at (843)-740-1668 before work begins**
- **Permittee will schedule a final inspection with SCDOT Charleston Permit office at (843)-809-1087 upon completion of the project for project close out.**
- **Any sidewalk/drainage structures/curb or other appurtenance damaged during construction must be replaced immediately at the Permittee's expense.**
- **It is the Permittee's responsibility to verify the correct SCDOT right-of-way. This permit does not grant the Permittee permission to complete work outside of SCDOT right-of-way.**
- The permittee will follow the latest SCDOT materials testing and sampling requirements as set forth in the SCDOT Construction Manual [http://www.scdot.org/doing/construction\\_Manual.aspx](http://www.scdot.org/doing/construction_Manual.aspx) and provide SCDOT staff with copies of all testing and inspection reports during construction
- Permittee will have certified traffic control supervisor on site during traffic control operations.
- Permittee will provide competent project management staff and SCDOT certified inspection staff that have authority to make decisions on site during construction.



Additional Standard Provisions  
Permit #300073

- Permittee is required to follow all SCDOT Department Safety Standards and Guidelines when working on State Roads.
- The SCDOT shall be notified of the date and time permitted work will begin. Notification of at least 48 business hours must be given to the Department during office hours (8:00 am to 5:00 pm Monday through Friday). Written notification is required before work can begin. A construction notification sheet has been attached to assist with this requirement.
- Prior to commencement of work, the permittee will have a pre-construction conference with all appropriate parties to discuss the project requirements. Items to be discussed and forwarded to SCDOT shall include at a minimum:
  - Work schedule that shows the start and end dates for work within **SCDOT rights-of-way**.
  - Contact list that includes names and phone numbers of Permittee and Superintendent in charge of daily activities
- The Permittee must include a traffic control plan for all lane closures and lane shifts: to include location, date and time, if one was not approved during initial permit review/approval.
- The SCDOT will provide competent staff to monitor projects and review testing and inspection reports as necessary to confirm reasonable compliance.
- In the event of a hurricane evacuation, either voluntary or mandated, all operations shall cease, and all equipment shall be removed from the SCDOT right of way. Work may resume at this location once the State Government has given an all-clear to return to the affected areas.
- **The permittee will schedule a final inspection upon completion of the project.**
- **Permittee must provide all flowable fill-batch tickets before a permit can be closed out.**
- **Permittee must provide all asphalt batch tickets before a permit can be closed out.**
- **Permittee must provide red line As-Builts to SCDOT before a permit can be closed out.**



Additional Standard Provisions

Permit #300073

- **Failure to comply with any permit provisions may result in stoppage of work, the permit being revoked, and/or the removal of all materials placed within the right-of-way at full responsibility of the permittee. Your cooperation is appreciated in this matter so that costly corrections may be avoided in maintaining the integrity of our transportation infrastructure. If you have any questions, please contact us at (843)-740-1655.**
- **The South Carolina Department of Transportation reserves the right to impose additional conditions, provisions, and/or requirements on this permit to respond to any unforeseen, specific problems that might arise during the life of this permit, and to take any enforcement action necessary to ensure compliance with SCDOT specifications, standards, or policies.**



# Application for Encroachment Permit

S.C. Department of Transportation  
Form 637 (Rev 09/2015)

Application #200152572

## Contact Information

Permit # 300073

**Applicant:** Town of James Island SC  
**Street:** 1155 Dills Bluff Road  
**City:** James Island  
**State:** SC  **Zip Code:** 29412  
**Phone:** (843)795-4141 **Fax:**  
**Email:** kladeaux@jamesislandsc.us  
**Contact:** Keith LaDeaux

## Project Location

**Primary County:** Charleston

County	Road Name
Charleston	Dills Bluff Rd (S-95)

**1. Type of Encroachment:** TRAFFIC CALMING

Radar Speed signs with solar panel.

### **2. Description of Location:**

The Town of James Island requests to install 2 radar speed signs on Dills Bluff Road as shown on the attached plans. One sign to be installed adjacent to the northbound lane located approximately 32 feet south of the intersection of Sigsbee Road and Dills Bluff Road. One sign to be located adjacent to the south bound lane approximately 578 feet north of the intersection of Sigsbee Road and Dills Bluff Road (CONTINUED ON ADDENDUM)

(Attach sketch indicating roadway features such as: pavement width, shoulder width, sidewalk and curb and gutter location, significant drainage structure, north arrow, right of way width, and location of the proposed encroachment with respect to the roadway centerline and the nearest intersecting road on the State system.)

3. The undersigned Applicant hereby requests SCDOT to permit encroachment on SCDOT right of way as described herein. It is expressly understood that every encroachment, if and when constructed, shall be installed in accordance with the sketch attached hereto and made a part hereof. Applicant agrees to comply with and be bound by SCDOT's "A Policy for Accommodating Utilities on Highways Rights of way", "Standard Specifications for Highway Construction", the "General Provisions" and "Special Provisions", attached hereto or made a part hereof by reference, during the installation, operation and maintenance of said encroachment within SCDOT's right of way.

**DISCHARGES OF STORM WATER AND NON-STORM WATER:** Work within State Highway right of way shall be conducted in compliance with all applicable requirements of the National Pollutant Discharge Elimination System (NPDES) permit(s) issued to SCDOT, to govern the discharge of storm water and non-storm water from SCDOT properties. Work shall also be in compliance with all other applicable Federal, State and Local laws and regulations, and with SCDOT's Encroachment Permits Manual and the encroachment permit. The encroachment permit will not be issued until Applicant has received an NPDES construction permit from SC Department of Health and Environmental Control.

Applicant and Permittee agrees to comply with all current SCDOT Standards Specifications for Highway Construction including all Supplemental Technical Specifications. Applicant and Permittee hereby further agrees, and binds his/her/its heirs, personal representatives, successors and assigns, to assume any and all liability for accidents or injuries to persons, or damage to property, including the highway and all SCDOT facilities in the right of way, that may be caused by the construction, maintenance, use, moving or removing of the physical appurtenances contemplated herein.

Applicant's Name: Keith LaDeaux

Date: 04/14/2025

(Please print or type)

Applicant's Sign: Keith R. LaDeaux

Title: Public Works Coordinator

For Office Use Only

**For Office Use Only**

In accordance with your request and subject to all the provisions, terms, conditions, and restrictions stated in the application and the general and special provisions attached hereto, the SCDOT hereby approves your application for an encroachment permit. This permit shall become null and void unless the work contemplated herein shall have been completed prior to: **12/1/2026**

**X** See Attached Special Provision and/or Permit Requirements

NPDES Permit  
Nbr:

11/25/2025  
(Date received by res. Maint. Engr.)

[Signature]  
(SCDOT Approval)

11/25/2025  
(Date)

**12/1/2025**

**Application for Encroachment Permit**  
**General Provisions**

1. **DEFINITIONS:** The word "Permittee" used herein shall mean the name of the person, firm, or corporation to whom this permit is addressed, his, her, its, heirs, personal representatives, successors and assigns. The word "DEPARTMENT" shall mean the South Carolina Department of Transportation.
2. **NOTICE PRIOR TO STARTING WORK:** Before starting the work contemplated herein within the limits of the highway right of way, the Department's Resident Maintenance Engineer in the county in which the proposed work is located shall be notified 24 hours in advance so that he may be present while the work is under way.
3. **PERMIT SUBJECT TO INSPECTION:** This permit shall be kept at the site of the work at all times while said work is under way and must be shown to any representative of the Department or law enforcement officer on demand.
4. **PROTECTION OF HIGHWAY TRAFFIC:** The applicant shall be responsible for the protection of the highway traffic at all times during the construction, maintenance, removing or moving of the encroachment permitted herein. Detours, barricades, warning signs and flagmen, as necessary, shall be provided by and at the expense of the Permittee and shall be in accordance with the "Manual on Uniform Traffic Control Devices" (MUTCD). The work shall be planned and carried out so that there will be the least possible inconvenience to the motoring public. The Permittee agrees to observe all rules and regulations of the Department while carrying on the work contemplated herein and take all other precautions that circumstances warrant.
5. **STANDARDS OF CONSTRUCTION:** All work shall conform to the Department's standards of construction and shall be performed in a workman-like manner. The applicant shall make adequate provisions for maintaining the proper drainage of the highway as it may be affected by the encroachment permitted herein. All work shall be subject to the supervision and satisfaction of the Department.
6. **FUTURE MOVING OF PHYSICAL APPURTENANCES:** If, in the opinion of the State Highway Engineer, it should ever become necessary to move or remove the physical appurtenances, or any part thereof contemplated herein, on account of change in location of the highway, widening of the highway, or for any other sufficient reason, such moving shall be done on demand of the Department at the expense of the Permittee.
7. **RESTORATION OF HIGHWAY FACILITIES UPON MOVING OR REMOVING OF PHYSICAL APPURTENANCES:** If, and when, the physical appurtenances contemplated herein shall be moved or removed, either on the demand of the Department or at the option of the Permittee, the highway and facilities shall immediately be restored to their original condition at the expense of the Permittee.
8. **COSTS:** All work in connection with the construction, maintenance, moving or removing of the physical appurtenances contemplated herein shall be done by and at the expense of the Permittee.
9. **ADDITIONAL PERMISSIONS:**
  - (a) It is distinctly understood that this permit does not in any way grant or release any rights lawfully possessed by the abutting property owners. The Permittee shall secure any such rights, as necessary, from said abutting property owners.
  - (b) The Permittee shall be responsible for obtaining all other approvals or permits necessary for installation of the encroachment from other government entities.

(c) There shall be no excavation of soil nearer than two feet to any public utility line or appurtenant facility except with the consent of the owner thereof, or except upon special permission of this Department after an opportunity to be heard is given the owner of such line or appurtenant facility.

**10. ADDITIONAL WORK PERFORMANCE:**

(a) All crossings over the highway shall be constructed in accordance with "Specifications for Overhead Crossings of Light and Power Transmission Lines and Telegraph Lines over each other and over Highway Rights of Way in South Carolina," as approved by the Public Service Commission of South Carolina and effective as of date of this permit.

(b) All tunneling, boring, or jacking shall be done in such a way as not to disturb the highway surfacing.

(c) No pavement shall be cut unless specifically authorized herein.

(d) No excavation shall be nearer than three feet to the edge of pavement unless specifically authorized herein.

(e) Underground facilities will be located at minimum depths as defined in the "Utility Accommodations Manual" for the transmittant, generally as follows: 4 feet minimum for hazardous or dangerous transmittant, 3 feet minimum for other lines. The Department may approve shallower depths if adequate protection is provided. Such approval must be obtained in writing.

(f) Service and other small diameter pipes shall be jacked, driven, or otherwise forced underneath the pavements on any surfaced road without disturbing the pavement. The section under the highway pavement and within a distance of three (3) feet on either side shall be continuous without joints.

**11. ACCESS:**

(a) Permittee is responsible for maintaining reasonable access to private driveways during construction.

(b) It is expressly provided that, with respect to any limited access highway, the Permittee shall not have or gain access from the main traveled way of the highway, or the on or off ramps to such facility, except upon approval by the Department.

**12. DRIVEWAYS:**

(a) The existing crown of the highway shall be continued to the outside shoulder line of the highway.

(b) If the driveway or approach is concrete pavement, the pavement shall be constructed at least 6 inches thick and with a minimum of class 2500 concrete. There shall be a bituminous expansion joint, not less than 3/4 inches in thickness, placed between the highway paving and the paving of the approach for the full width of the approach.

**13. BEAUTIFICATION:**

(a) All trees, plants, flowers, etc. shall be placed in accordance with the provisions specifically stipulated herein.

(b) All trees, plants, flowers, etc. shall be maintained by, and at the expense of, the Permittee and the provisions of this permit shall become null and void, if and when said Permittee ceases to maintain aid trees, plants, flowers, etc.

**14. AS-BUILT PLANS:**

(a) The applicant shall provide the Department with survey-quality as-built plans in accordance with the requirements set forth in the Department's "A Policy for Accommodating Utilities on Highway Rights of Way".

**15. COMPLETE STREETS:**

Reference Departmental Directive 28, "Complete Streets". For encroachment permit types that require a Traffic Impact Study (TIS), the applicant shall consider the inclusion of walking, bicycling, and transit accommodations within the scope of the encroachment. The applicant shall review walking, bicycling, and transit plans from Metropolitan Planning Organizations (MPOs), Councils of Government (COGs), and regional transit providers to determine the scope of accommodations for complete streets. Coordination with the District Permit Engineer is required to determine if the inclusion of walking, bicycling, and transit accommodations are conducive for implementation based on the scope of the encroachment.