Carolina Crossroads Project ID P027662

## **PRELIMINARY ENGINEERING**

**UTILITY COORDINATION REPORT** 

## I-20/ I-26/ I-126 Carolina Crossroads Project

**Phase 1 - Colonial Life Boulevard** 

## Project ID P039718

**Richland and Lexington Counties** 



August 31, 2020



### UTILITY COORDINATION REPORT

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\*Information provided is For Information Only. DBT will be responsible for verification and continuation of effort. See individual folders in electronic submission for additional information and details. Refer to this utility coordination report and appendices for assistance.



#### 1. Approach Summary

STV was tasked to provide Preliminary Engineering Utility Coordination services for the I-20/ I-26/ I-126 "Carolina Crossroads" (CCR) project located between US 176 on I-26 to US 378 on I-26 and Broad River at I-20 to Bush River Road at I-20. This was accomplished through the combined efforts of a Utility Coordination Team (UCT) which included members from SCDOT, HDR, STV, and utility stakeholders. The result of this effort includes proposed preliminary relocation plans for each utility within the project limits. These plans were then used to develop preliminary utility relocation quantities for the cost estimate for those utilities with prior rights, those who qualify for the Utility Relocation Act, and utilities electing to go in-contract, and potential environmental and right of way impacts.

Potential conflicts associated with roadway widening, drainage, new right of way (ROW), and constructability were evaluated depending on existing and proposed conditions, utility type, and long-term maintenance access. The criteria and preliminary utility plans were governed by the following:

- Individual Utility Owner input (see individual utility sections below).
- Meetings with the respective utility owners and peer reviews

Proposed utility services to existing residences and commercial properties were not included because these new services will be addressed later in final design.

The UCT held an initial round of group and individual utility meetings to discuss the project and review existing utilities, potential conflicts, the owners' criteria and concerns, proposed resolutions, and estimated costs. All the information compiled from these meetings was used to develop the design criteria, create the preliminary utility relocation plans, and calculate quantities for the preliminary cost estimate. These plans were then shared with the respective utility owners for their review and input. Peer reviews with the utility owners were requested to ensure the understanding of their facilities was being addressed properly with the proposed utility relocations and to request cost estimates for similar types of relocations. <u>It was understood that these peer reviews did not constitute approval and acceptance by the utility owners</u>. The intent was that the approach to conflict resolution was in line with their normal practices and that potential conflicts were agreed upon.

The utility owners cannot make commitments to relocation plans and costs until final CCR plans are near completion and full engineering studies are performed by the utility owner. Revisions to the utility relocation plans and quantity estimates were made following the peer reviews.

The remaining sections of this report summarize the results of the preliminary utility relocation effort for each utility. The appendices contain utility owner contact information, a quick reference table (QRT), preliminary relocation plans (U-sheets), base mapping, encroachment



permits for new installation since SUE was obtained by SAM, other pertinent utility reports, and meeting summaries.

#### 1-2. Notable Items

- Early coordination efforts were the development of a utility task force responsible for reviewing various avenues in order to reduce risk for the DBT, SCDOT, utility owners, and ultimately, the traveling public.
- The key items were no project could be compared to this one since this is the first of its kind in size and complexity in South Carolina. All parties needed to be open minded to ideas. All parties needed to protect their interest as well as demonstrate partnership. This required everyone to be honest, to think outside the box, and to work together to address any conflicts.
- Utilities expressed concern about starting utility relocations too early in the process. They
  understood this will put a lot of pressure on all parties once plans are complete enough to
  proceed with relocation options. It is recommended that DBT provide suitable plans ASAP
  and <u>avoid making unnecessary</u> design changes that could impact the utilities efforts to
  relocate. It is imperative that the DBT review changes with the affected utility owner and
  provide <u>constant communication</u> throughout all stages of design, ROW, and construction.
  DBT should provide plans with <u>specific notable changes</u>, so utility owners are not having to
  determine what specifically was revised.
- The NEPA process and setting the limits of the project were explained to all the owners. The Record of Decision (ROD) defines the proposed "footprint" and should be conservative enough to allow for alignment changes; however, the DBT could elect to go outside the proposed project plan limits with their Alternative Technical Concepts (ATC). If a DBT teams chooses this option, they would have to go back through the environmental permitting process, which could take a lot of extra time. The intent is for this not to occur, but there are no guarantees at this point.
- Right of Way (ROW) acquisition will be performed under plan cover P027662 in accordance with the Request for Proposals (RFP). The purpose of obtaining ROW was to reduce risk to the DBT as well as provide utilities a place to relocate early in the DB process. <u>It is the intent for the DB contractor to clear and perform removing & disposal items soon after NTP to provide enough time for relocations and minimize schedule delays</u>.
- There are no set utility windows for this phase. See Appendix B Quick Reference Table for design, permitting, and relocation timeframes. <u>DBT will be responsible for coordinating</u> <u>relocation schedules into overall project schedule for the DBT</u>.
- Prior rights documentation was requested for all major items; however, this is an on-going process due to time constraints and limited resources. Prior rights identified in this report



is based on Level B SUE in relation to property limits shown as well as any known easements.

- Potential Conflict Identification based on the modified selected alternative (MSA) and ROD project limits.
- Based on discussions with the US Army Corps of Engineers additional permitting and possible mitigation will be required outside of SCDOT's Conditional Individual Permit that was secured for highway construction.

#### 1-3. Future Utilities and No Conflict Utilities

There has been no indication of new utility owners in Phase 1 since the development of this report. New facilities of existing owners have been reported. DBT will be responsible for verifying this information. All new encroachment permits have been logged and included in this report (*See Appendix E: Encroachment Permit Log and Permits*).

Comporium, Verizon (MCI), Conterra/Crown Castle, City of West Columbia (COWC) and Mid-Carolina Electric Cooperative have acknowledged that they do not have facilities in the area and/or are not in conflict with the project. Verizon has applied for various encroachment permits throughout the development of the CCR project. See *Appendix E: Encroachment Permit Log & Permits* for log of permits.

It is assumed that no project improvements are occurring along Gracern Boulevard or Arrowwood Drive. No timeframes, costs, relocation options, etc. have been accounted for in this report. If Gracern Blvd. and/or Arrowwood Dr. are impacted by the DBT, it will be the responsibility of DBT to coordinate all relocation efforts and account for impacts in their schedule.

#### 1-4. Project Phasing

The utilities were first introduced to the project as one mega project. After the original procurement was canceled in May 2019, all previous agreements and discussions were placed on hold. Coordination efforts started again in late August/early September 2019 once the project phasing was determined.

Project Phases http://www.scdotcarolinacrossroads.com/phasing.html

- Phase 1 Rebuild Colonial Life Blvd. at I-126 Interchange
- Phase 2 Rebuild Broad River Road at I-20 Interchange
- Phase 3 Rebuild I-20/26 and I-26/126 interchanges including St. Andrews Rd. at I-26 and Bush River Rd. at I-20
- Phase 4 Frontage Road Relocations Shift frontage roads outward from interstate beginning at Harbison Blvd to near of St. Andrews Rd.
- Phase 5 I-26 Widening from US 176 Broad River Rd. to west of St. Andrews Rd.



#### 1-5. Project Schedule

The following dates were provided to the utility owners recent emails and individual meetings.

#### Project Timelines <u>https://www.scdot.org/business/design-build-future.aspx</u>

The utilities were told it would take approximately one year from RFQ to negotiate with the contractor before issuing Notice-to-Proceed. It will then be approximately one year to start construction. The intent of the early UC effort was to utilize this time to begin and/or complete utility relocations especially those of critical nature outside of in-contract items.

	RFQ	RFP Industry Review	Final RFP	Bid Opening
Phase 1	4/2020	7/2020	9/2020	3/2021
Phase 2	7/2020	9/2020	11/2020	5/2021
Phase 3	2022	2022	2022	2023

Table 1: Project Schedule provided to utility owners

#### 1-6. Meetings Held

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- See Appendix F: Utility Meeting Log for log of meetings.
  - Group Meetings (See Appendix F: Utility Meeting Log)
    - Utility Introduction Meeting
    - o Preferred Recommended Alternative and Potential Conflict Impacts discussion
    - Partnering Agreement Meeting
- Right of Way Acquisition
- Individual Utility Owners

#### 2-7. Subsurface Utility Engineering (SUE) Overview

It was recommended that Level B SUE be performed under the design build prep, so all proposing DBT would have the same information, providing a better level of accuracy in order to minimize impacts and reduce risk; to improve safety by reducing field investigations from multiple proposers; reduce redundant SUE required under RFP. SAM (a.k.a. So-Deep), KCI, and GEL performed Level B SUE for all the main lines and several hundred feet along the crossing route of the interchanges. SAM was the only firm performing SUE in Phase 1. **NOTE: During early coordination and design-build prep efforts, edits were made to the SUE dgn file provided by SAM due to comments provided by utility owners. DBT shall use the file titled "u849pp\_2d\_STV.dgn" to review those modifications.** 

There could be a need for additional SUE depending on final project limits set by the DBT. Reference the electronic SUE files for limits performed under the design-build prep.



These are also found on SCDOT's DB website in the project information package as well. Also reference the *Appendix E: Encroachment Permit Log & Permits* for log and actual permits for new installation since SUE was performed. Additionally, due to the age of the SUE provided with this package including items previously noted, it will be the DBT's responsibility to verify the accuracy the SUE information provided.

#### 1-8. Tracking Spreadsheets

The purpose of the tracking spreadsheets is to provide the latest status of events as well as where we are in the process of collecting agreements, letters, plans, etc. It also notes what items are not expected under this phase either due to it not being applicable, or there are no conflicts. Please note that it will be the DBT's responsibility to continue all remaining utility coordination effort and any other related functions as defined under this contract. These spreadsheets can be found under *Appendix G: Tracking Spreadsheets*.



#### **1-9.** Abbreviations (Report Only. SUE abbreviations noted in U-sheets)

Table 2: List of commonly used abbreviations within the Utility Coordination Report

Abbreviation	Name/ Description	Abbreviation	Name/ Description
ATC	Alternative Technical Concept	CCR	Carolina Crossroads
COC	City of Columbia	cowc	City of West Columbia
CL	Century Link	СТ	Count
DE	Dominion Energy	DB	Design-Build
DOA	Department of Administration	DBT	Design-Build Team
FEIS	Final Environmental Impact Statement	FHWA	Federal Highway Administration
MSA/ SA	Modified Selected Alternative/ Selected Alternative used for ROD/FEIS	PR	Pair
PER	Preliminary Engineering Report	RFP	Request for Proposals
QRT	Quick Reference Table	ROD	Record of Decision
RFQ	Request for Qualifications	SCDOT	South Carolina of Department of Transportation
ROW	Right of Way	TBD	To Be Determined by DBT
SUE	Subsurface Utility Engineering	U-sheets	Utility Relocation Plans (preliminary)
T-DB	Telecommunication Duct Bank (single owner)	UCT	Utility Coordination Team
UA	Utility Agreement – Prior Rights reimbursement agreement		

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#### 2. **AT&T**

AT&T is the main communication distribution service provider in this area. They have direct buried copper and fiber cables as well as overhead cables attached to Dominion Energy (DE) poles within the Phase 1 limits. AT&T indicated they had no planned future facilities within the assumed area of Phase 1 other than typical development and upgrades. Verify new facilities with AT&T and Encroachment Permit log.

It is anticipated that the final design, plans, and specifications for the fiber and copper cables will be developed by AT&T, or a contractor that they hire. AT&T will install any direct buried facilities. DBT will be responsible for any conduit design and installation for AT&T's use, if required. At the time of the report, this is not expected.

#### 2-1. Communication Cables

Table 3: AT&T existing facilities and relocation options  $^{\ast}$ 

Existing Utility	<b>Relocation Option</b>	In-Contract
300 pr and 400 pr copper lines beginning at the eastern side of McSwain Drive at I-26 Sta. 412+00 and extending along the eastern side of McSwain Dr. to I-26 Sta. 435+00 LT. 900 pr, 200 pr, and various fibers in 6-way duct bank (T-DB) along I-26 from 450+00 heading south.	Remain in Place NEED TO ADJUST GUARDRAIL and use caution for on-ramp barrier wall from US 378 to I-26 WB to avoid T-DB	No
600 pr copper line and 216/24 ct fibers on the west side of I-26 from US 378 inside the C/A to the Saluda River where it crosses to the east side and attaches to the bridge over the river and then crosses back to the west sides and leaves the project limits.	Remain in Place NEED TO CONFIRM STREAM RELOCATION.	No
24 CT fiber optic line beginning at the Phase 3 limits at Morninghill Dr. Sta. 9015+00 LT and extending across portions of Morninghill Drive, I- 126 Ram D-B, Colonial Life Spur Ramp A to the Morninghill/Lawand intersection.	Relocate to new ROW	No

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Existing Utility	<b>Relocation Option</b>	In-Contract
Various fiber optic line beginning at western side	Remain in Place	No
of Arrowood Rd. at Colonial Life Ramp A Sta.		
6030+00 and extending east along the north side		
of I-126 past the project limits		
100 pr copper line crossing Colonial Life Blvd. at	Relocate to new	No
Sta. 20+50	ROW	
144 CT fiber optic crossing West Colonial Life Blvd.	Relocate to new	No
between Colonial Life Blvd. Sta. 20+00 and Sta.	ROW	
20+50		
144 CT fiber optic line from Colonial Life Sta. 16+50	Relocate to new	No
RT extending to Sta. 25+50 LT	ROW	
Various fiber and copper lines along Gracern Rd	Remain in Place	No

\*Existing Utilities: Utilities mapped in dgn SUE file. These do not include any utilities outside project limits or were installed after SUE data was collected. **Relocation Option:** This is a preliminary resolution option based on MSA design concept. DBT's final design will be used to determine if the utility conflicts and what is an acceptable resolution in accordance to SCDOT's Utility Accommodations Manual. **In-Contract:** Utilities identified to be performed by DBT.

#### 2-2. Prior Rights and Cost Responsibility

AT&T does not appear to have prior rights in this phase of construction. They will be responsible for 100% of cost relocations. Any costs provided to UCT were provided by AT&T as a high-level estimate for information only.

DBT needs to collect No Cost letters, encroachment permits, and final relocation plans when processing their paperwork.



#### 3. City of Columbia (water, sewer, pump station)

The City of Columbia (COC) owns and maintains water, gravity sanitary sewer, sewer force main, sewer pump station facilities in the CCR Phase 1 project area, including one sanitary sewer lift station located on Lawand Drive that have potential impacts.

#### 3-1: Water lines:

Table 4: COC existing water lines and relocation options\*

Existing Utility	<b>Relocation Option</b>	In-Contract
8-in PVC beginning at the northern intersection of S-1019 (Lawand Drive) and relocated S-2891 (Morninghill Drive), crossing into portions of Colonial Life Spur Ramp A and I- 126 Ramp D-B, and extending to the southern intersection of Lawand Dr. and Morninghill Dr.	Relocate water line to proposed/existing ROW	In-contract
24-in PVC along Gracern Road beginning at Colonial Life Ramp A Sta. 6030+00 LT and extending southeast along I- 126 past the project limits. It is assumed that the 24-in along Gracern Road will not be relocated since it is out of the project limits.	Remain in place	In-contract, if impacted
8-in PVC beginning at Colonial Life Blvd. Sta 17+00 LT and extending north to Sta. 20+50 LT, crossing Colonial Life Blvd. to Sta. 20+50 RT, and continuing north along Colonial Life Blvd. past the project limits.	Remain in place	In-contract, if impacted

#### 3-2: Sewer Lines:

Table 5: COC existing sewer facilities and relocation options\*

Existing Utility	<b>Relocation Option</b>	In-Contract
30-in PCCP force main (FM) begins at the limits of Phase 3	Relocate portions in	In-Contract
at I-26 Ramp C Sta. 5404+75 LT and extends east along the	conflict with new ramps.	
south side of CSX RR parallel to I-126 past the project	Reference contract	
limits. The FM extends into I-26 Ramp C between Sta.	documents and scope of	
5409+50 RT and Sta. 5423+50 RT. FM to be relocated	work. <b>DBT</b>	
between I-26 Ramp C Sta. 5409+50 RT and 5423+50 RT	CONSTRUCTION	
	METHODS TO MINIMIZE	
	VIBRATION.	



Existing Utility	<b>Relocation Option</b>	In-Contract
8-in PVC gravity line beginning at relocated Morninghill Drive Sta. 9022+00 LT, crossing over Morninghill Dr., extending into portions of Colonial Life Spur Ramp A, I-126 Ramp D-B, Colonial Life Ramp A, and ending at I-126 Sta. 30+00	Relocate as part of pump station relocation	In-Contract
12-in terra cotta gravity line beginning at I-126 Ramp D-B Sta. 23+00, extending into portions of I-126 Ramp D-B, Colonial Life Spur Ramp A, and Morninghill Drive before ending at the Morninghill/Lawand intersection.	Relocate as part of pump station relocation	In-Contract
6-in ductile iron force main beginning at S-287 Arrowood Rd. extending between S-2890 (Gracern Rd.) and Colonial Life Ramp D, and continuing along I- 126 to the pump station at I-126 Sta. 56+00 LT; 6-in and 8-in ductile iron force mains & 10-in PVC gravity lines along Gracern Road (LT side) from Station 50+00 heading east.	Remain in Place	In-contract, if impacted
8-in ductile iron force main and parallel 10-in PVC gravity line beginning at pump station at I-126 Sta. 56+00 LT and extending along the northern side of I-126 past the project limits.	Relocate as part of pump station relocation	In-Contract
Lawand Drive Pump Station: Relocate to Tract 404 based on Preliminary Engineering Report (PER).	Relocate to Tract 404. Includes all ancillary pipes associated with pump station's functionality.	In-Contract

\*Existing Utilities: Utilities mapped in dgn SUE file. These do not include any utilities outside project limits or were installed after SUE data was collected. **Relocation Option:** This is a preliminary resolution option based on MSA design concept. DBT's final design will be used to determine if the utility conflicts and what is an acceptable resolution in accordance to SCDOT's Utility Accommodations Manual. **In-Contract:** Utilities identified to be performed by DBT.

#### 3-3. Prior Rights

COC has prior rights on their 30-in FM paralleling the railroad tracks along I-126 and their pump station on Lawand Drive. COC is in the process of providing easement documentation and their

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preliminary engineering utility agreement (UA). This will be processed and provided to the DBT once it is approved. Both items will be included as in-contract items. Prior Rights have been submitted, reviewed, and certified. Utility Agreement for preliminary engineering is anticipated to be executed prior to release of the Final RFP for the two items noted above. COC submitted additional prior rights documents for facilities along Gracern, Arrowwood, and Greystone, which are not anticipated to be impacted; however, the documentation is included.

#### **3-4.** Utility Relocation Act

It is anticipated that the final design, plans, and specifications for modifications to COC water and sanitary sewer facilities will be performed by DBT. See RFP for standard specifications, design criteria, details, PER, list of qualified designer and contractors, and other criteria items. See *Appendix G: Tracking Sheets* for current document status.

#### 3-5. **30-in PCCP sewer force main vibration restrictions**

Contractor will use construction methods to minimize construction related vibrations around sewer line that is remaining in place and is within 100 feet of it. Refer to design and construction criteria in the RFP. COC approval of construction method/activity near the existing 30-in PCCP is required.



#### 4. City of West Columbia (water, sewer)

City of West Columbia (COWC) owns and maintains some water and gravity sanitary sewer facilities in the CCR project area, including one 6-in water main along McSwain Road and a gravity sewer crossing under I-26 west of US 378 interchange.

#### 4-1: Water lines:

Table 6: COWC existing water lines and relocation options\*

Existing Utility	<b>Relocation Option</b>	In-Contract
6-in PVC from I-26 Sta. 411+50 LT to Sta. 416+00 LT	Remain in place	Not currently
2-in PVC from I-26 Sta. 423+00 LT to Sta. 435+00 LT	Remain in place	Not currently

#### 4-2: Gravity sewer lines:

Table 7: COWC existing sewer facilities and relocation options\*

Existing Utility	<b>Relocation Option</b>	In-Contract
8-in PVC and 16-in terra cotta lines along the eastern side of S-1814 (McSwain	Remain in place; however, relocated	TBD by final design and coordination with COWC.
Drive) from I-26 Sta. 418+00 to 430+00, crossing I-26 at Sta. 430+00 west into Phase 3.	stream at ex. manhole (MH) could create a conflict. DBT to confirm.	Coordination is the responsibility of DBT.

\*Existing Utilities: Utilities mapped in dgn SUE file. These do not include any utilities outside project limits or were installed after SUE data was collected. **Relocation Option:** This is a preliminary resolution option based on MSA design concept. DBT's final design will be used to determine if the utility conflicts and what is an acceptable resolution in accordance to SCDOT's Utility Accommodations Manual. **In-Contract:** Utilities identified to be performed by DBT.

#### 4-3: Prior Rights and Cost Responsibility

It is anticipated that the final design, plans, and specifications for modifications to COWC water and sewer facilities will be developed by DBT should there be any conflicts with DBT's design. Based on the conceptual layout for the FEIS, there does not appear to be any conflicts with this phase of the proposed project limits. Should there be a conflict, DBT will need to coordinate the Utility Agreement process with SCDOT and COWC to determine who is responsible for design and relocation construction.



COCW will not have prior rights and will share in the 4.5% cost share with all the wet utilities for the overall project if there's an impact/conflict due to DBT plan modifications.

DBT will need to collect either a No Conflict Letter or an Utility Agreement package for final processing.



#### 5. Century Link (Level 3 Communications) (local and national facilities)

#### 5-1. Local Distribution Facilities

Potential impacts to Century Link (CL) local distribution facilities include overhead and underground lines along the CCR project. CL agreed with the relocation approach and potential conflicts when reviewing the plans.

CL has applied for new facilities that may affect the CCR project (See *Appendix E: Encroachment Log & Permits* for locations and status). It is anticipated that the final design, plans, and specifications for modifications to CL's facilities will be developed by CL, or a contractor whom they hire.

#### 5-1a. Communication Lines

Table 8: CL existing communication facilities and relocation options\*

Existing Utility	<b>Relocation Option</b>	In-Contract
OH 72-ct fiber along Arrowwood over Colonial Life Blvd.	Relocate	No
UG lines along Gracern Road	Remain in Place	No

**\*Existing Utilities:** Utilities mapped in dgn SUE file. These do not include any utilities outside project limits or were installed after SUE data was collected. **Relocation Option:** This is a preliminary resolution option based on MSA design concept. DBT's final design will be used to determine if the utility conflicts and what is an acceptable resolution in accordance to SCDOT's Utility Accommodations Manual. **In-Contract:** Utilities identified to be performed by DBT.

#### 5-1b. Prior Rights and Cost Responsibility

CL provided estimated relocation costs to SCDOT. They do not have prior rights; therefore, their relocations will be at No Cost to SCDOT. DBT will be responsible for finalizing impacts, collecting No Cost letter, encroachment permits, and relocation plans for final approval.

#### 5-2. National Transmission Facilities

CenturyLink National Core Network reviewed the overall project limits in December 2015 and stated they did not have any facilities within the project limits. SUE did not indicate their presence either. DBT to verify. See CenturyLink's individual folder for confirmation email and contact information.





#### 6. Charter - CATV

Charter is the main cable TV (CATV) service provider within the CCR project limits. They have coaxial and fiber aerial attachments and buried facilities throughout the project limits, which are directly impacted by the CCR project.

The aerial relocations are governed by Dominion Energy – Distribution's (DE-D) relocations. Wherever DE-D relocates their overhead pole line, whether overhead (OH) or underground (UG), then Charter will follow. CATV companies are rarely on their own pole line. Charter can attach to telephone or power company owned poles or bury their lines within SCDOT ROW. Charter will only bury their existing overhead lines because either the pole attachment agreement with DE-D was not approved, or a developer of the area will not allow overhead lines. Existing buried lines that are impacted will be relocated underground.

It is anticipated that the final design, plans, and specifications for modifications to Charter facilities will be developed by Charter, or a contractor whom they hire.

#### 6-1. CATV Lines

Table 9: Charter existing CATV facilities and relocation options\*

Existing Utility	<b>Relocation Option</b>	In-Contract
Cable from right (western) side of McSwain Drive at I-26 Sta. 411+50 LT extending along the right side of McSwain Drive to I-26 Sta. 424+00 LT	Remain in Place	No
Cable beginning at the Arrowood Rd./Gracern Rd. intersection and extending east along the northern side of I-126 past the project limits.	Remain in Place	No
OH attachments along Morninghill	Relocate	No

\*Existing Utilities: Utilities mapped in dgn SUE file. These do not include any utilities outside project limits or were installed after SUE data was collected. **Relocation Option:** This is a preliminary resolution option based on MSA design concept. DBT's final design will be used to determine if the utility conflicts and what is an acceptable resolution in accordance to SCDOT's Utility Accommodations Manual. **In-Contract:** Utilities identified to be performed by DBT.

Charter did not provide a peer review because they typically follow the local power company and do not have authority to dictate the new alignment. Regarding the buried lines, they will joint trench with telecommunication companies in a common duct bank. Charter will not be the authoritative company who decides the location of the duct bank. Charter did attend an initial group kickoff meeting but did not respond to the peer review request due to reasons noted above.



#### 6-2. Prior Rights and Cost Responsibility

Charter does not prior rights in this phase of the project. SCDOT will not be responsible for Charter's relocations. Charter will need to supply a No Cost letter, encroachment permit, and final relocation plans for final approval.



#### 7. Cell Towers and Antennas

#### 7-1. Crown Castle Cellular Tower

Crown Castle owns the cellular tower located along Gracern Road near Arrowwood. Several communication companies service the cell tower, which include, but isn't limited to, AT&T, Verizon, Segra, and Charter. This tower is not impacted by the project and will remain.

#### 7-2. Conterra

Conterra responded showing the same locations as Crown Castle. It is not anticipated they will have conflicts.

#### 7-3. Prior Rights and Cost Responsibility

If any of the cell towers are impacted, then they should be claiming prior rights at 100% SCDOT share. The cell towers are either on private property owned by the utility, or they should have an easement. They are clearly off SCDOT existing ROW. The DBT will be responsible for the easement documentation and verification.

A conflict is not anticipated at this time; therefore, there is \$0.00 cost share for SCDOT.



#### 8. Department of Administration (fiber optic cable)

The Department of Administration (DOA) has (2) 120-CT fiber optic cables that run in the same trench as SCDOT's ITS fiber along I-126 throughout the project limits. It is anticipated DOA will be in-contract, but the final determination will be as stated in the Final RFP.

The proposed relocation will occur from Camera 11 at Station 17+35 to Camera 9 (approximately Station 81+55), which is off the project limits heading towards downtown. DOA has agreed to the DBT installing and designing their relocated fiber. DBT will need to confirm the status and to review RFP for necessary design and construction criteria.

#### 8-1. Fiber Optic Cables

Table 10: DOA existing fiber optic cable facilities and relocation options\*

Existing Utility	<b>Relocation Option</b>	In-Contract
120-CT fiber parallel SCDOT ITS on south/east side of I-126 inside C/A	Relocate near existing line at toe of fill	Determination will be written in the Final RFP.

\*Existing Utilities: Utilities mapped in dgn SUE file. These do not include any utilities outside project limits or were installed after SUE data was collected. **Relocation Option:** This is a preliminary resolution option based on MSA design concept. DBT's final design will be used to determine if the utility conflicts and what is an acceptable resolution in accordance to SCDOT's Utility Accommodations Manual. **In-Contract:** Utilities identified to be performed by DBT.

#### 8-2. Prior Rights and Cost Responsibility

A cost estimate has not been included at the time of this report. It was thought to be the existing fiber for SCDOT serviced both entities, which has been confirmed as not true. DOA will not have prior rights; therefore, there should not be a cost to SCDOT; however, this is being further investigated by both parties.



#### 9. Dominion Energy – Gas Distribution

Dominion Energy Gas (DE-G) has distribution gas lines ranging from 2-inch plastic to 6-inch steel throughout the CCR project limits. DE-G was provided utility relocation plans to review. Based on this peer review, DE-G provided an overall cost estimate, comments to the proposed relocations and project approach, and agreed with potential conflicts and resolutions identified on the proposed plans.

It is anticipated that the final design, plans, and specifications for modifications to DE-G Energy facilities will be developed by DE-G Energy, or a contractor whom they hire.

#### 9-1. Distribution Gas Lines

Table 11: DE-G existing gas facilities and relocation options\*

Existing Utility	<b>Relocation Option</b>	In-Contract
2-in plastic line from left (eastern) side of McSwain Drive at I-26 Sta. 411+50 LT extending along the left side of McSwain Drive to I-26 Sta. 435+00 LT	Remain in Place	No
2-in steel line at the southern Morninghill Dr./Lawand Dr. intersection	Relocate to new ROW	No
2-in steel line beginning at right (northeastern) side of Arrowood Rd. at Colonial Life Ramp A Sta. 6030+00 and extending southeast along Arrowood Rd. to the Gracern Rd. intersection	Remain in Place	No
2-in plastic line beginning at the Arrowood/Gracern intersection and extending along Gracern Rd. to Colonial Life Ramp D Sta. 6045+00.	Remain in Place	No
2-in steel lines along the northern side of I-126 between Sta. 55+50 LT and Sta. 59+50 LT and between Sta. 64+50 LT and the project limits	Remain in Place	No

\*Existing Utilities: Utilities mapped in dgn SUE file. These do not include any utilities outside project limits or were installed after SUE data was collected. **Relocation Option:** This is a preliminary resolution option based on MSA design concept. DBT's final design will be used to determine if the utility conflicts and what is an acceptable resolution in accordance to SCDOT's Utility Accommodations Manual. **In-Contract:** Utilities identified to be performed by DBT.



### UTILITY COORDINATION REPORT

#### 9-2. Prior Rights and Cost Responsibility

DE-G does not appear to have prior rights on their existing facilities. Costs will be 100% on DE-G. DBT will need to collect a No Cost letter, encroachment permit, and final relocation plans for final approval.



#### 10. Dominion Energy Power Distribution

Dominion Energy Distribution (DE-D) has several systems that will be affected by the CCR project including their existing distribution network, ITS feeds, and new services to proposed CCR facilities.

Dominion Energy Distribution is located throughout the CCR project limits along I-26 on McSwain and I-126 at Morninghill Rd, Arrowwood, Lawand, and Colonial Life. They are the main power provider within the CCR project limits. In most locations, Dominion Energy has overhead primary (single and double circuits) power lines with underground feeds to residents and businesses with most in private easements.

Dominion Energy indicated that they had no planned future facilities that may affect the project other than typical development and upgrades. It is anticipated that the final design, plans, and specifications for modifications to Dominion Energy facilities will be developed by Dominion Energy, or a contractor whom they hire.

#### 10-1. Dominion Energy Distribution (Power Distribution)

Existing Utility	<b>Relocation Option</b>	In-Contract
3-Ph OH along McSwain Road to US 378 with	Relocate and remove	No
crossing at Station to service ODA sign.	OH I-26 crossing	
1-Ph OH line under I-126	Relocate under I-126	No
3-Ph OH along Morninghill, Lawand,	Relocate. Need new	No
Arrowwood, Colonial Life Blvd. with a crossing	ROW secured.	
over I-126 near Colonial Life overpass.		

 Table 12: DE-D existing power distribution facilities and relocation options\*

**\*Existing Utilities:** Utilities mapped in dgn SUE file. These do not include any utilities outside project limits or were installed after SUE data was collected. **Relocation Option:** This is a preliminary resolution option based on MSA design concept. DBT's final design will be used to determine if the utility conflicts and what is an acceptable resolution in accordance to SCDOT's Utility Accommodations Manual. **In-Contract:** Utilities identified to be performed by DBT.

#### 10-2. Cost Estimate Criteria, Prior Rights, and Cost Responsibility

The following criteria was used for Dominion Energy's cost estimate for relocations:

- a. A 15-foot easement is required behind their relocated overhead pole line for clearing/trimming purposes.
- b. For overhead power, use the following guidelines:



- i. Single Circuit Primary with attachments: Poles were assumed approx. every 250 feet for lengthy runs and approx. every 100 feet at intersections and bends.
- ii. Costs per pole include conductor, pole, etc. from one pole to the next.
- c. Transformers, switchgears, primary enclosures, vaults, service reconnections, engineering, labor, and overhead were considered incidentals and added as a percentage to the base cost estimate.
- d. It was assumed DE would be able to provide prior rights on 80% of their facilities. The estimated total cost is \$950,000. DE-D has not provided their prior rights documentation at the time of this report; however, DBPT will continue to pursue acquiring, reviewing, and certifying these rights as they are received.

#### **10-3.** Dominion Distribution (power feeds to ITS)

DBT will coordinate with DE for power feeds to proposed ITS, overhead signs, and signals.



#### 11. Dominion Energy Power Transmission

Dominion Energy Transmission (DE-T) is affected at two locations on the CCR project – an overhead 230kV transmission line and two (2) 115kV lines crossing I-126 east of Colonial Life Boulevard (Station 39+00 and 40+00 on I-126); three (3) 230 kV and three (3) 115 kV overhead lines in one easement at Station 415+00 on I-26; and a 115kV crossing at Station 424+50 over I-26 west of US 378 interchange.

DE-T indicated that they had no planned future facilities that may affect the project. It is anticipated that the final design, plans, and construction for modifications to their facilities will be developed by Dominion Energy, or a contractor whom they hire.

#### 11-1. 230 kV Overhead (OH) Transmission Lines (Station 39+00 on I-126 east of Colonial Blvd.):

DE-T provided profiles of the OH crossing since it was recently upgraded. The conceptual proposed profile for the new interchange does not impact the vertical profile of the existing OH crossing. It will be the responsibility of the DBT to verify any new adjusted vertical clearances from the design chain to make certain there is no impact to this crossing. It has also been assumed that the contractor will be able to remove the existing Colonial Life overpass ramp under the existing transmission line using low-profile demolition equipment.

DE-T reviewed cross sections based on current design and any other references outside this document, and they concur that no conflicts exist if no lighting or signs are installed on the new alignments under the transmission line. DBT needs to assure that lighting and signs do not impact this crossing. **NOTE: The existing line has approx. 1 foot of tolerance over ex. on-ramp over I-126 towards Columbia. The conceptual layout for the FEIS's alignment profiles are lower in elevation than this existing ramp.** 

#### 11-2. 115 kV OH Transmission Line (Station 40+00 on I-126 east of Colonial Blvd.):

The MSA crossed under the existing OH transmission line. After field reviews and plotting profiles for the OH conductor lines, it was determined that the transmission line would be impacted by vertical clearance requirements. A cost estimate of \$1 million to raise 2-3 steel self-supporting poles to gain the necessary clearance over the proposed new flyover ramp and interchange has been developed.

DE-T has agreed to enter into a preliminary utility agreement (UA) to begin the engineering and relocation option reviews for the OH transmission crossing conflict. It was also agreed that Dominion Energy would set new poles to span the ROW to avoid any potential relocation options provided by the DBT to avoid conflicts and begin their 15-month relocation process. DE-T will submit a supplemental UA to update their relocation costs. SCDOT will provide this information once available. See the preliminary UA for details .



## 11-3. 3-115kV and 3-230kV OH Transmission Lines (Station 415+00 on I-26) and 1-115kV OH Transmission Line (Station 424+50 on I-26):

The existing transmission lines crossing I-26 west of 378 has been assumed to be no conflict due to the proposed profiles tying into existing conditions shortly east of this location. The proposing team should maintain this assumption to minimize the impact. Reference the appendix for vertical profile elevation information provided by DE-T. Lidar was performed on the OH transmission lines at the time it was taken. Temperatures and loads will need to be considered; however, the profiles that DE-T provided do reflect the max sag for these crossings.

#### 11-4. Cost Estimate Criteria, Prior Rights, and Cost Responsibility

In lieu of pricing each component of relocations (poles, conductor, etc.), we assume the average price of a typical crossing using 2 steel poles on either side of the interstate at \$1M per crossing.

DE-T has prior rights at all crossings. They were present at the original I-126 and I-26 construction. SCDOT will be responsible for all relocation costs. For this report, it was assumed one crossing to be in conflict for a reimbursable amount of \$1M by SCODT via UA.

The UA has been executed for preliminary engineering in the amount of \$20,000, so DE-T can begin engineering efforts for the relocation on I-126. They will submit a supplemental to this agreement to include remaining design and construction costs. Their prior rights for the UA have been received, reviewed, and certified.



#### 12. Lexington Medical Center Communications

Lexington Medical Center (LMC) has a 288-CT underground fiber cable located along the I-26 EB off ramp to US 378 within the CCR Phase 1 limits of the project. It is not anticipated to have impacts with the conceptual layout; however, final impacts and coordination will be the responsibility of the DBT. LMC will be considered a private utility owner and should have prior rights since they are shown off ROW.

It is anticipated that the final design, plans, and specifications for modifications to LMC's facilities will be developed by LMC, or a contractor whom they hire.



#### 13. Segra (f.k.a. Spirit) Communications

Segra has overhead and underground fiber cables located with the limits of the CCR Phase 1 project. Segra has applied for new facilities throughout the overall CCR project since SUE was performed. See *Appendix E: Encroachment Log & Permits* for encroachment log and permits for specific locations.

It is anticipated that the final design, plans, and specifications for modifications to Spirit's facilities will be developed by Spirit, or a contractor whom they hire.

#### 13-1. Communication Lines

Table 13: Segra existing communication facilities and relocation options\*

Existing Utility	<b>Relocation Option</b>	In-Contract No	
48 CT fiber optic line along Morninghill Dr./Frontage Rd and extending across portions of Morninghill Drive, I-126 Ram D-B, Colonial Life Spur Ramp A to Morninghill Dr.	Relocate to ROW		
Various fiber optic lines beginning at the Arrowood Rd./Gracern Rd. intersection and extending east along the northern side of I-126 past the project limits	Remain in Place	No	

**\*Existing Utilities:** Utilities mapped in dgn SUE file. These do not include any utilities outside project limits or were installed after SUE data was collected. **Relocation Option:** This is a preliminary resolution option based on MSA design concept. DBT's final design will be used to determine if the utility conflicts and what is an acceptable resolution in accordance to SCDOT's Utility Accommodations Manual. **In-Contract:** Utilities identified to be performed by DBT.

#### 13-2. Prior Rights and Cost Responsibility

Segra reviewed U-sheets and provided cost estimate. They do not have prior rights and all relocation costs will be at No Cost to SCDOT. DBT will be responsible for all coordination, collecting relocation plans, encroachment permits, and No Cost letter for final approval.



#### 14. Verizon (f.k.a. MCI) Communications

Verizon has applied for new encroachment permits indicated they had no planned future facilities that may affect the CCR project other than typical development and upgrades. It is anticipated that the final design, plans, and specifications for modifications to their facilities will be developed by Verizon, or a contractor whom they hire.

#### 14-1. Communication Lines

Table 14: Verizon existing communication facilities and relocation options\*

Existing Utility	<b>Relocation Option</b>	In-Contract	
Various fiber optic lines beginning at the Arrowood	Remain in Place	No	
Rd./Gracern Rd. intersection and extending east along			
the northern side of I-126 past the project limits			

\*Existing Utilities: Utilities mapped in dgn SUE file. These do not include any utilities outside project limits or were installed after SUE data was collected. **Relocation Option:** This is a preliminary resolution option based on MSA design concept. DBT's final design will be used to determine if the utility conflicts and what is an acceptable resolution in accordance to SCDOT's Utility Accommodations Manual. **In-Contract:** Utilities identified to be performed by DBT.

#### 14-2. Prior Rights and Cost Responsibility

No cost estimate was performed since Verizon will not be impacted based on our understanding that no improvements will be made along Arrowwood at Gracern Rd. Should this change based on the DBT final design, it will be DBT responsibility to coordinate and collect as necessary paperwork.

Their prior rights have not been submitted and/or verified. There is not a definitive cost share at the time of the report.



#### 15. SCDOT (ITS/Traffic Signals)

SCDOT has buried ITS fiber lines along east/south side of I-126 and traffic signals at Morninghill Drive and Bush River Road and interchange of US 378 and I-26.

#### 15-1. Fiber Cables/Power/ITS Boards, Cameras, etc.

There are potential conflicts with the buried fiber and bridge columns, roadway, drainage, and ITS overhead sign adjustments. It is anticipated SCDOT will abandon/remove their facilities in advance of the CCR project. They will reinstall once project is near completion. DBT to coordinate final efforts.

SCDOT has ITS lines at the following locations:

- 144 CT Fiber Optic ITS line beginning at the Phase 3 limits near I-126 Station 16+00 LT and along the southern side of I-126 east to the project limits.
  - $\circ$   $\;$  ITS Power to coordinate with DE for new power sources.

#### 15-2. Traffic Signals

Traffic signals relocations will be included in-contract. The traffic signals will be reconfigured at signalized intersections.

## CAROLINA CROSSROADS: I-26/I-20/I-126 CORRIDOR IMPROVEMENT PROJECT

# Appendix A: Utility Contact Information

#### UTILITY CONTACTS

#### I-20/I-26/I-126 "Carolina Crossroads" Improvement Project Phase 1: Colonial Life Boulevard

Utility Owner	Contact Person	Phone Number	Email
AT&T	Steve Martin / Andrew Washington	803.401.2121 (Steve)/803.476.9253 (Andrew)	sm6480@att.com / aw8544@att.com
CenturyLink	Russ Wheat	803.206.9563 (Russ)	russ.wheat@centurylink.com
Charter	Shawn Edwards	803.673.8116	shawn.edwards@charter.com; Kathy Benton <kbentonebs@outlook.com>; Sharon_ Roberts <sharon.pawleys@gmail.com>; Nick Fox <nickfoxebs@gmail.com></nickfoxebs@gmail.com></sharon.pawleys@gmail.com></kbentonebs@outlook.com>
City of Columbia Sewer	John Hilbert / Andrea Bolling / Richard Culler (CDM Smith) / Bryan Cully (CDM Smith)	803.545.3284 (John Hilbert)	john.hilbert@columbiasc.gov; andrea.bolling@columbiasc.gov; cullerre@cdmsmith.com; cullybl@cdmsmith.com
City of Columbia Water	John Hilbert / Andrea Bolling / Richard Culler (CDM Smith) / Bryan Cully (CDM Smith)	803.545.3284 (John Hilbert)	john.hilbert@columbiasc.gov; andrea.bolling@columbiasc.gov; cullerre@cdmsmith.com; cullybl@cdmsmith.com
City of West Columbia Sewer	Thomas Baker	803.518.5097 (Thomas) / 803.939.8625 (Andy Zaengle)	lbaker@westcolumbiasc.gov; azaengle@westcolumbiasc.gov
City of West Columbia Water	Thomas Baker	803.518.5097 (Thomas) / 803.939.8625 (Andy Zaengle)	lbaker@westcolumbiasc.gov; azaengle@westcolumbiasc.gov
Dominion Energy Gas	Patrick Gibbons/Connie Beall Stroble	803.217.4733 (Connie)	patrick.gibbons@scana.com / constance.STROBLE@dominionenergy.com
Dominion Energy Power Distribution	Jason Evans / Austin Peacock / Connie Beall Stroble	803-217-4733 (Connie)/	jason.evans@scana.com / austin.peacock@dominionenergy.com / constance.STROBLE@dominionenergy.com
Dominion Energy Power Transmission	Connie Stroble	803-217-4733 (Connie)	constance.STROBLE@dominionenergy.com
Segra (fka Spirit Communication)	Mark Chambers	803.587.2188 (Mark - Main Contact) / 980.240.1739 (Ryan McCumber - Engineer)	mark.chambers@spiritcom.com; r.mccumber@goacp.com

#### UTILITY CONTACTS

#### I-20/I-26/I-126 "Carolina Crossroads" Improvement Project Phase 1: Colonial Life Boulevard

Utility Owner	Contact Person	Phone Number	Email
Department of Administration	Charlie Brown	803.518.5219	<u>charlie.brown@admin.sc.gov</u>
SCDOT ITS	Steve Littlejohn	803-737-0256	LittlejoSL@scdot.org
Verizon (MCI)	Randy Gilbert/ Brian VanEmmerik	803.214.3622 (Randy) 803.608.7750 (Brian)	randy.gilbert@verizonwireless.com/ brian.van.emmerik@verizon.com

## CAROLINA CROSSROADS: I-26/I-20/I-126 CORRIDOR IMPROVEMENT PROJECT

# Appendix B: Quick Reference Table

### DEFINITIONS

#### Appendix B: Quick Reference Table

Column Heading	Definition	Comments
Location	Baseline reference	General location of utility presence
Potential Conflict	Potential conflict based on FEIS alternate	FEIS alternate used to identified conflicts for the purpose of this report
MSA Impact Probability	Modified Selected Alternative	Level of probability of conflicts based on MSA
In-Contract	Relocation work included and performed by DBT	See RFP for details
Prior Rights	Utilities who qualify for reimbursement due to prior rights	Utilities will have to provide documentation demonstrating that they have prior rights to SCDOT
Utility Bill	Utilities who qualify for reimbursement due Utility Relocation Act	Only water and sewer will qualify based on criteria set in bill. This does NOT include items that qualify as prior rights.
Timeframes	Time in months	Timeframes to perform items listed under this section for potential utility conflicts identified. These are not guaranteed but are representative of "typical" industry practice.
Permits	Environmental, wetland, RR, encroachment, DHEC, land disturbance outside of MSA limits	Any permit that could be associated with utility relocation
Design	Design of relocation	Design full construction plans
Procurement/ Easement Acquisition	Procurement of services and easement acquisitions outside of MSA ROW	Procurement of designer, contractors to perform utility relocations; If utilities must relocate outside MSA ROW, then time for them to acquire necessary easements using their resources.
Construction	Construction for utility relocation	Actual relocation of utility conflict
Clearances	Physical separation from existing/ proposed utilities to items listed in this section	Clearances desired/ required from items listed under this section for existing and/or proposed utilities. These are not guaranteed but are representative of "typical" industry standards.
Structures	Bridge foundations, walls (retaining/ noise), footings.	Separation from infrastructure components
Max Fill Limit	Allowable fill limits over existing/ proposed utilities	Some owners do not want to be under large amounts of fill due to maintenance.
Storm Drainage	Closed drainage system to include pipes, inlets, CB, culverts	Separation from drainage components
Other Utility Owners	All utilities other than your own	Desired separation for future maintenance with other utility owners
Construction Equipment	Cranes, excavators, augers, etc.	Separation from construction equipment to construct roadway, utility, bridge, etc.

Column Heading	Definition	Comments
Construction	Construction related items for utility relocations	Construction related items in order to perform utility relocations
Seasonal Restrictions	Time when utilities cannot perform relocations	Utility owners could have seasons when utilities cannot perform cutovers due to high demand
Inside/ Outside ROW	Utility relocations occurring in or out of MSA ROW	Utilities may to perform work off SCDOT ROW for service connections or tie back to an existing facility outside the defined project limits
Items Required to Relocate	Construction, moving or removal items, ROW, etc.	These are items required to be performed or secured to begin relocation efforts. Most of these are DBT dependent.

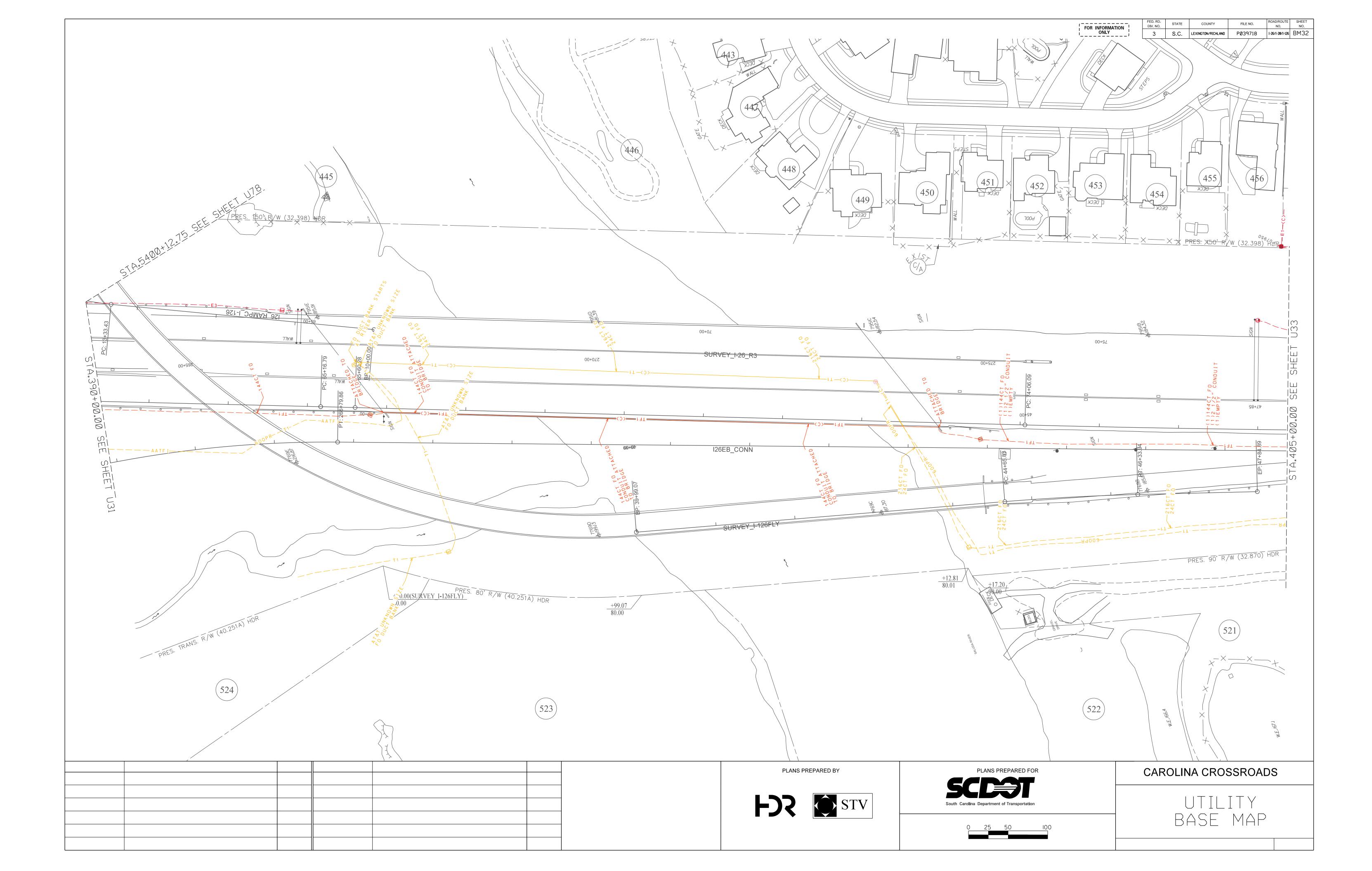
								TIMEF	RAMES (month	5)		CLEAI	RANCES (ft)				CON	INSTRUCTION		COMMENTS
Utility Owner/ Utility Type	Location	Potential Conflict	MSA Impact Probability	In- Contract	Prior Rights	Utility Bill														
				Yes/No	Yes/ No/ Partial	Yes/ No	Permits	Design	Procurement/ Easement Acquisition	Construction (months)	Structures (bridge piles, footings, noisewalls, MSE, etc.)	Max Fill Limit	Storm Drainage	Other utility owners	Construction Equipment	Seasonal Restrictions	Inside or Outside ROW	Tie-In (In or out of SCDOT project limits)	Items Required to Relocate (Proj ROW, Private Easement, Contractor Activity)	
Dominion Energy Power Transmission & Distribution (OH1)																			,,	
OH Transmission crossing over I-26	Sta. 416+00	Road	Low	No	Yes	No	6	6	12	6	25	18' final clearance	5	5	10	None	Both	Outside	UA, easements	Not anticipated as conflict
3-ph OH crossing over I-26	Sta. 414+00	Road	Low	No	Yes	No	6	6	12	6	25	18' final clearance	5	5	10	None	Both	Outside	UA, easements	Not anticipated as conflict
OH Transmission crossing over I-26	Sta. 423+00	Road	Low	No	Yes	No	6	6	12	6	25	18' final clearance	5	5	10	None	Both	Outside	UA, easements	Not anticipated as conflict
1-ph, 3-ph OH	McSwain	Road	High	No	Partial	No	6	6	12	6	25	18' final clearance	5	5	10	None	Both	Outside	UA, easements	
3-ph OH crossing over I-26	Crossing west of US 378 at I-26	Off ramp EB US 378	High	No	Partial	No	6	6	12	6	25	18' final clearance	5	5	10	None	Both	Outside	UA, easements	To eliminate OH crossing, relocate on McSwain
Secondary feeding sign	Off ramp EB US 378	New Ramp	High	No	Yes	No	0	3	12	6	25	18' final clearance	5	5	10	None	Both	Outside	UA, easements	Power feed to existing sign. Relocate to new sign
3-Ph OH along Morninghill	Morninghill Road	Road	High	No	Yes	No	0	6	18	12	25	18' final clearance	5	5	10	None	Both	Outside	UA, easements	Will attempt to get easements for OH relocation along Morninghill Dr; If not, relocate UG along frontage of homes.
OH Transmission crossings over I-126	Sta. 38+00 to 40+00	Road	Low	No	Yes	No	6	6	12	6	25	18' final clearance	5	5	10	None	Both	Outside	UA, easements	Not anticipated as conflict
OH Transmission crossings over I-126	Colonial Life Blvd	Road, Bridge	High	No	Yes	No	6	6	12	6	25	18' final clearance	5	5	10	None	Both	Outside	UA, easements	
SCE&G Gas Distribution (G1)																				
2-in PL	McSwain	Road	Low	No	No	No	2	6	6	4	10	10	5	3	10	None	Inside	Inside	Proj ROW, easement, contractor activity	Not anticipating conflict
2-in STL	Lawand Drive	Road, C/F, SD, Wall	High	No	No	No	2	6	6	4	10	10	5	3	10	None	Inside	Inside	Proj ROW, easement, contractor activity	
2-in PL	Gracern	Road	Low	No	No	No	2	6	6	4	10	10	5	3	10	None	Inside	Inside	Proj ROW, easement, contractor activity	Not anticipating conflict
2-in STL	Arrowood Road and Crossing Colonial Life Blvd	Road, Guardrail, C/F, SD, C/A	High	No	No	No	2	6	6	4	10	10	5	3	10	None	Inside	Inside	Proj ROW, easement, contractor activity	
City of Columbia Water (W1)																				
8-in	Lawand Drive	Road, Wall, C/A, C/F, SD	High	Yes	Yes	No	DBT	DBT	DBT	DBT	5-10	See criteria	5	5	5	No	Inside	Both	Proj ROW	
6-in, 24-in	Along Gracern from Colonial Life to Betsy	Road, C/A, C/F, SD	Low	Yes	No	Yes	DBT	DBT	DBT	DBT	5-10	See criteria	5	5	5	No	Inside	Both	Proj ROW	Assumed no conflicts
8-in	Colonial Life Blvd	Road, C/A, C/F, SD	High	Yes	Partial	Yes	DBT	DBT	DBT	DBT	5-10	See criteria	5	5	5	No	Inside	Both	Proj ROW	
City of Columbia Sewer (FS1) (S1)																				
6-in, 8-in PV; <12-in TC; 6- in DIP		Road, C/F	High	Yes	Partial	Yes	DBT	DBT	DBT	DBT	5-10	See criteria	5	5	5	No	Inside	Both	Proj ROW	
6" DIP, 8" PV	Lawand Drive Along Gracern from Arrowood to Pump	Road, C/A, C/F, SD	Medium	Yes	Partial	Yes	DBT	DBT	DBT	DBT	5-10	See criteria	5	5	5	No	Inside	Both	Proj ROW	
30-in PCCP	Station I-126 Ramp D-B over RR to I-26 Sta. 68+50	Bridge piles	High	Yes	Yes	No	DBT	DBT	DBT	DBT	25	See criteria	5	5	5	No	Inside	Both	Proj ROW	
< 8-in, 8-in PV	Colonial Life Ramp A	Road, Guardrail, C/F, C/A, SD	High	Yes	Partial	Yes	DBT	DBT	DBT	DBT	5-10	See criteria	5	5	5	No	Inside	Both	Proj ROW	See CofC criteria, specs, etc.
8-in DIP, 8-in PV, <10-in PV	Gracern from Pump Station to Betsy intersection	Road	Low	Yes	No	Yes	DBT	DBT	DBT	DBT	5-10	See criteria	5	5	5	No	Inside	Both	Proj ROW	
6-in,< 8-in, 8-in, and 12-in. PV, Pump Station	Pump Station at Lawand	Road	High	Yes	Yes	Yes	DBT	DBT	DBT	DBT	5-10	See criteria	5	5	5	No	Inside	Both	Proj ROW	

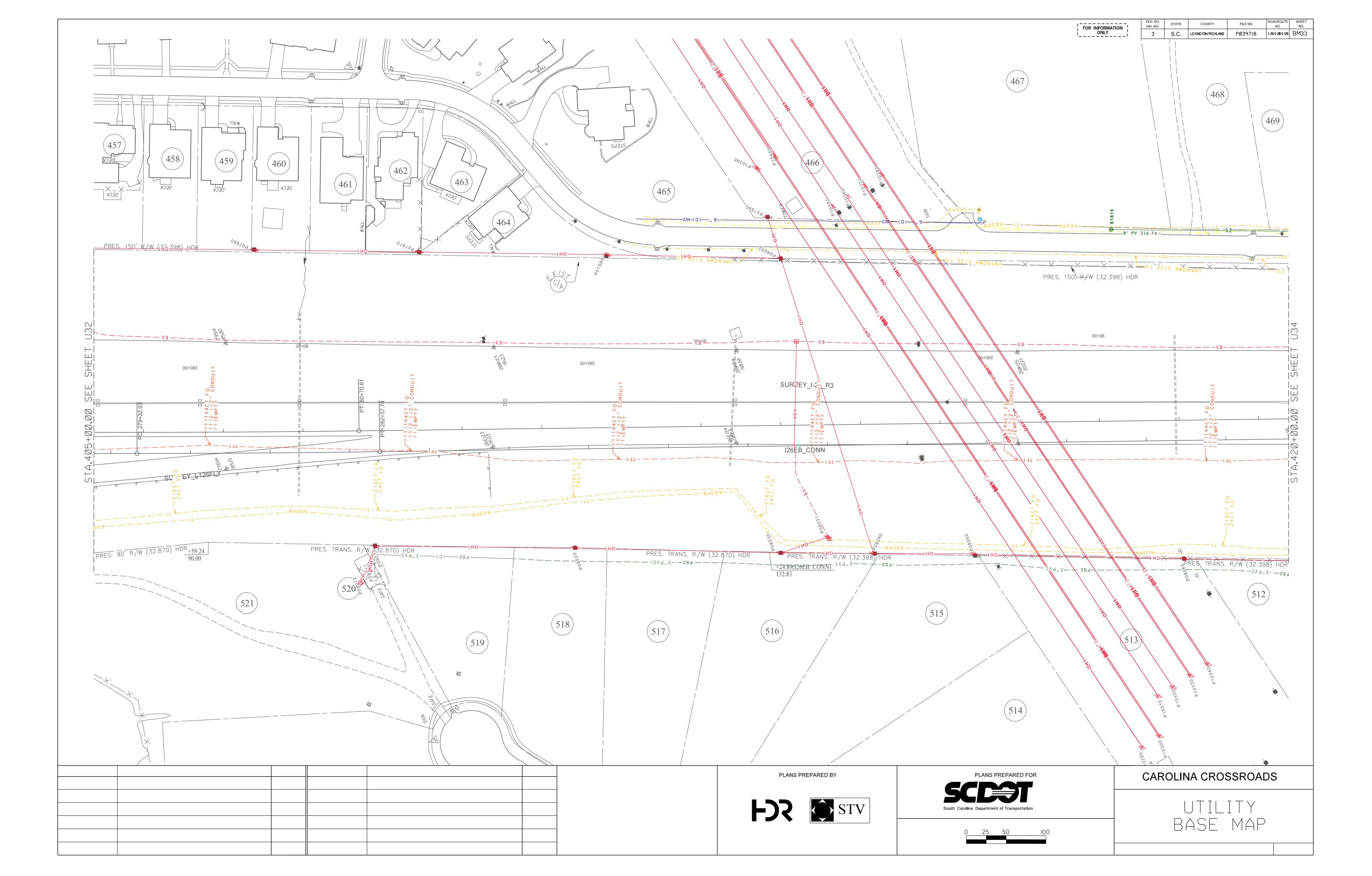
								TIMEF	RAMES (month	s)		CLEAI	RANCES (ft)				COI	NSTRUCTION		COMMENTS
Utility Owner/ Utility Type	Location	Potential Conflict	MSA Impact Probability	In- Contract	Prior Rights Yes/ No/	Utility Bill	Dumik		Procurement/	Construction	Structures (bridge piles,	Max Fill	Storm	Other utility	Construction	Seasonal	Inside or	lie-In (In or	Items Required to Relocate (Proj ROW, Private	
				Yes/No	Partial	Yes/ No	Permits	Design	Easement Acquisition	(months)	footings, noisewalls, MSE, etc.)	Limit	Drainage	owners	Equipment	Restrictions	Outside ROW	out of SCDOT project limits)	Easement, Contractor Activity)	
City of West Columbia Sewer (FS2) (S2)																				
3-in, 4-in, 8-in PVC & 16-in TC	Along McSwain and crossing I-26 at Sta. 426+00	Road, stream, Fill	Low	No	No	Yes	DBT	DBT	DBT	DBT	5-10	10	10	5	10	None	Both	Inside	Proj ROW, Private easement	Conflict not anticipated; however, if conflict, then DBT will pursue UA.
City of West Columbia (W2)																				
2-in, 6-in	McSwain Drive to Holly Hill Drive	C/A,C/F	Low	No	No	Yes	DBT	DBT	DBT	DBT	5-10	10	10	5	10	None	Both	Inside	Proj ROW, Private easement	It is not anticipated they will be in conflict; however, if they were
2-in, 6-in	McSwain Drive from Terrace View to US 378	C/A,C/F	Low	No	No	Yes	DBT	DBT	DBT	DBT	5-10	10	10	5	10	None	Both	Inside	Proj ROW, Private easement	to be, then DBT will need to pursue UA.
AT&T (T1)(OH7)																				
100pr, 200 pr, 300 pr, 400 pr, 900pr, DB, 24 CT FO	McSwain Road	Guardrail, Road, C/F	Medium	No	No	No	6	6	3	12	3-5	10	5	5	5	None	Inside	Inside	ROW	Adjust guardrail to avoid conflict
600 pr; 24 CT, 216 CT FO	Along I-26 EB from Sta. 420+00 to 438+00; Ramp to US 378	Road, Stream, C/A, C/F	Medium	No	No	No	6	6	3	12	3-5	10	5	5	5	None	Inside	Inside	ROW	Need to confirm stream relocation.
24CT FO	Morninghill Drive and Bush River Rd. to Lawand Drive	Road, C/F, C/A, SD	High	No	No	No	6	6	3	8-10	3-5	10	5	5	5	None	Inside	Inside	ROW	Timeframes would be concurrent
<100, pr100 pr,and Unkown Size FO	Lawand Drive	Road, C/A, C/F	High	No	No	No	6	6	3	8-10	3-5	10	5	5	5	None	Inside	Inside	ROW	Timeframes would be concurrent
100 pr, 144 CT FO	Along/crossing Colonial Life Blvd.	Road, C/A, C/F, SD	High	No	No	No	6	6	3	8-10	3-5	10	5	5	5	None	Inside	Inside	ROW	
600 pr; 24 CT, 48 CT, 96, CT, 1/2-in, unknown size FO	Gracern from Arrowood/Colonial Life to I-126 Sta. 68+00	Road, C/F, C/A	Low	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No impacts were assumed for this area.
Overhead Crossing	Crossing over new ramp onto I-126 from Colonial Life Blvd		Medium	No	No	No	6	6	3	8-10	3-5	10	5	5	5	None	Inside	Inside	ROW	Timeframes would be concurrent
Overhead Crossing	Crossing over intersection of Arrowood Road and Colonial Life Boulevard	Road, C/F, C/A, Guardrail	High	No	No	No	6	6	3	8-10	3-5	10	5	5	5	None	Inside	Inside	ROW	Timeframes would be concurrent
Spirit Communications (T2)(OH9)																				
48 CT FO	Morninghill Drive from Bush River Rd to Sta. 9022+00	Road, C/F, C/A, SD	High	No	No	No	2	6	4	8	5	10	5	3-4	5	None	Inside	Inside	Proj ROW, contractor activity	
144 CT FO	Colonial Life Blvd to West Colonial Life Blvd	Road, C/A, C/F, SD	Medium	No	No	No	2	6	4	8	5	10	5	3-5	6	None	Inside	Inside	Proj ROW, contractor activity	
144 CT FO and unknown size FO	Gracern	Road, C/A, C/F, SD	Medium	No	No	No	2	6	4	8	5	10	5	3-15	16	None	Inside	Inside	Proj ROW, contractor activity	
Lexington Medical Center (T3)																				
288 CT FO	Lexington Medical Hospital on West side of I-26- outside of project limits	Outside of project limits, N/A	Low	No	No	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Need to consider as moving item or cost to cure since this is a private owner
Century Link Communications (T4)(OH11)																				

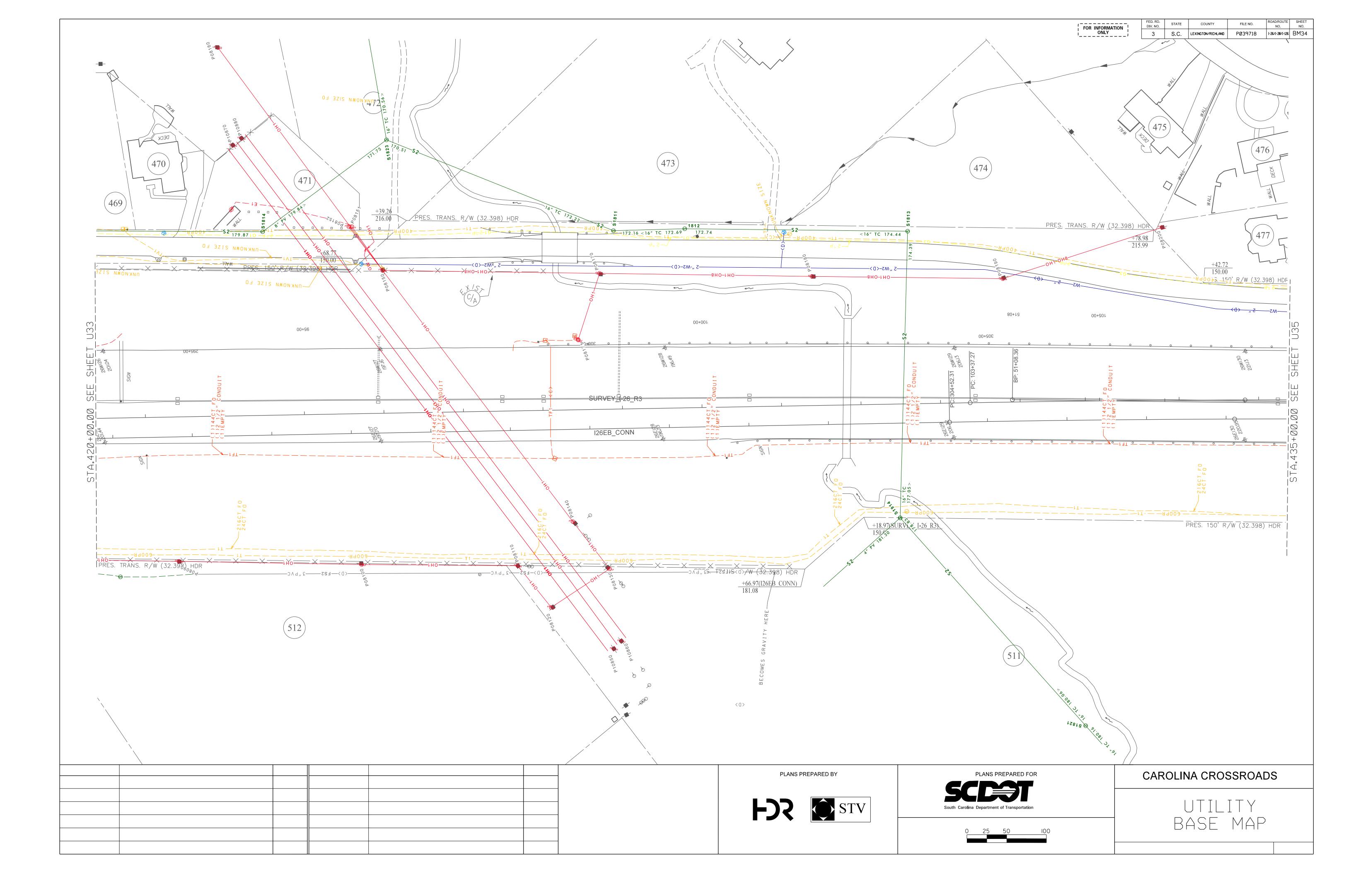
								TIMEF	RAMES (month	s)		CLEAF	RANCES (ft)				со	NSTRUCTION		COMMENTS
Utility Owner/ Utility Type	Location	Potential Conflict	MSA Impact Probability	In- Contract	Prior Rights	Utility Bill														
				Yes/No	Yes/ No/ Partial	Yes/ No	Permits	Design	Procurement/ Easement Acquisition	Construction (months)	Structures (bridge piles, footings, noisewalls, MSE, etc.)	Max Fill Limit	Storm Drainage	Other utility owners	Construction Equipment	Seasonal Restrictions	Inside or Outside ROW	Tie-In (In or out of SCDOT project limits)	Items Required to Relocate (Proj ROW, Private Easement, Contractor Activity)	
Overhead Crossing	Colonial Life/ Arrowwood Rd	Bridge	High	No	No	No	2	6	4	8	5	10	5	3-4	5	No	Inside	Inside	Proj ROW	Bore new 3-way HDPE and remove OH 72ct fiber
Unknown Owner Telecom (T8)																				
144 CT FO	Lexington Medical Hospital on West side of I-26- outside of project limits	Outside of Project Road, N/A	Low	No	Unk	Unk	Unk	Unk	Unk	Unk	Unk	Unk	Unk	Unk	Unk	Unk	Unk	Unk	Unk	Need to confirm owner
Charter Spectrum CATV (TV1)(OH8)																				
OH attachments	Throughout	Road, C/A, C/F, SD	High	No	No	No	2	4	0	4	5	10	5	3-5	6	No	Inside	Inside	Proj ROW, DE Reloc	Need Duke's relocation plans and relocations
UG lines	McSwain, Arrowwood, Gracern	Road, C/A, C/F, SD	Low	No	No	No	2	4	0	4	5	10	5	3-5	6	No	Inside	Inside	Proj ROW	
SCDOT (TF1)(E3)																				
ITS	I-26 Ramp C-A	Road, Bridge	High	No	No	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	SCDOT to perform ahead of DBT.
ITS	I-26 EB &WB	Road, Bridge, C/F	High	No	No	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	DBT to coordinate with Ron Hinson.
Department of Administration (TF2)																				
120 CT FO (2)	I-126	Road, Bridge, C/F	High	Yes	No	No	DBT	DBT	DBT	DBT	5	10	5	3-4	5	No	Inside	Inside	Proj ROW	

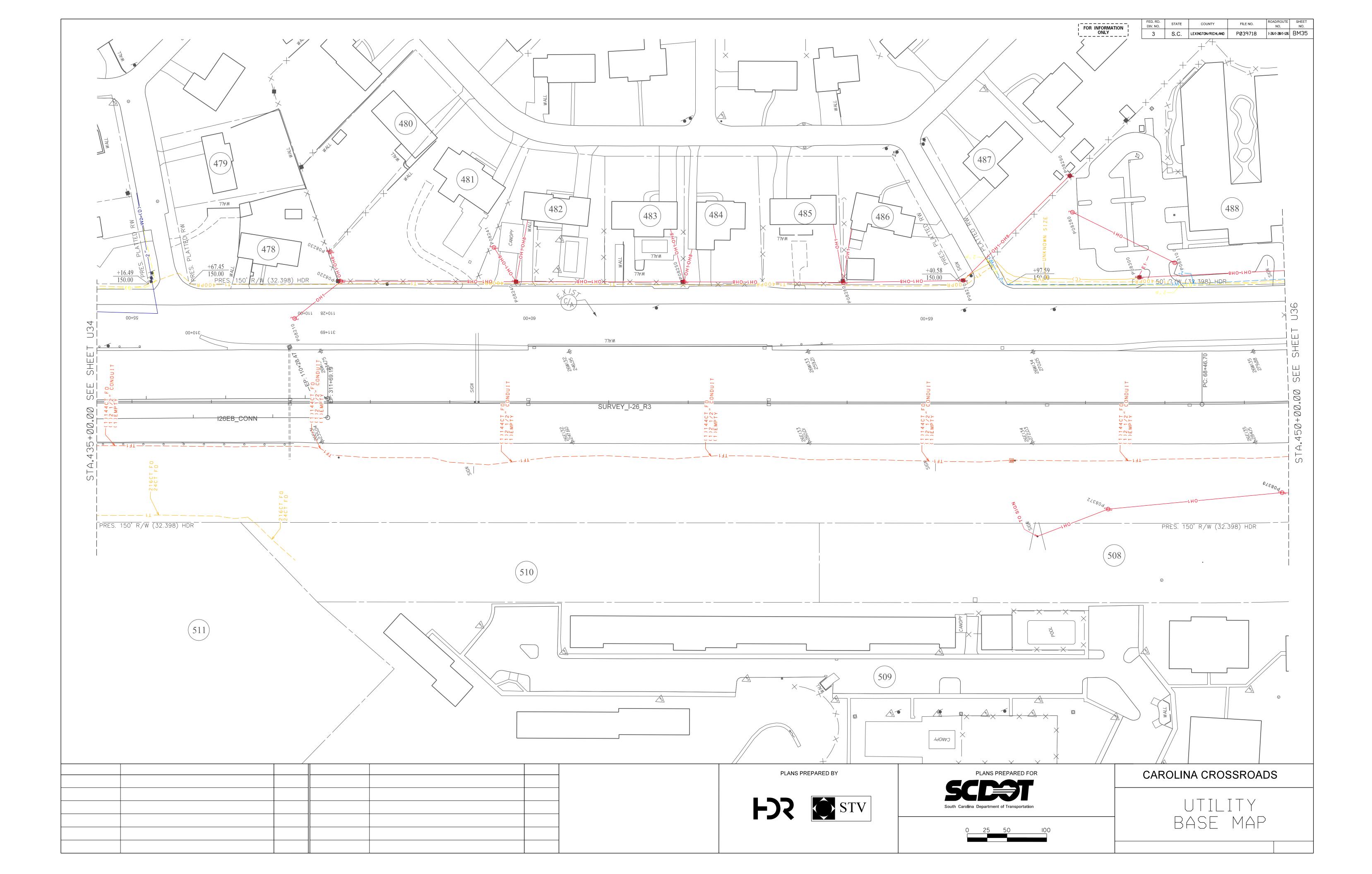
#### CAROLINA CROSSROADS: I-26/I-20/I-126 CORRIDOR IMPROVEMENT PROJECT

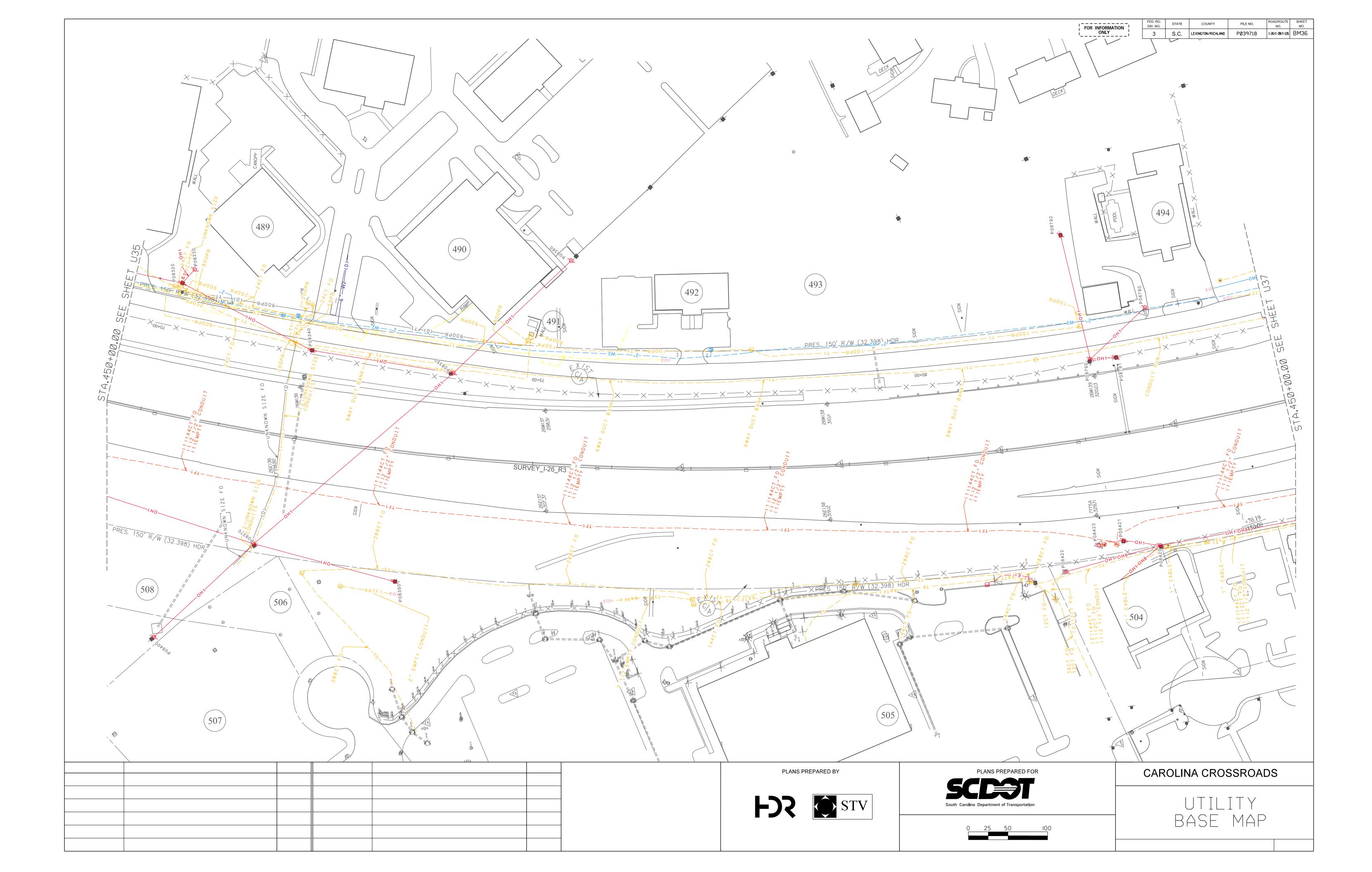
### Appendix C: Utility Base Mapping

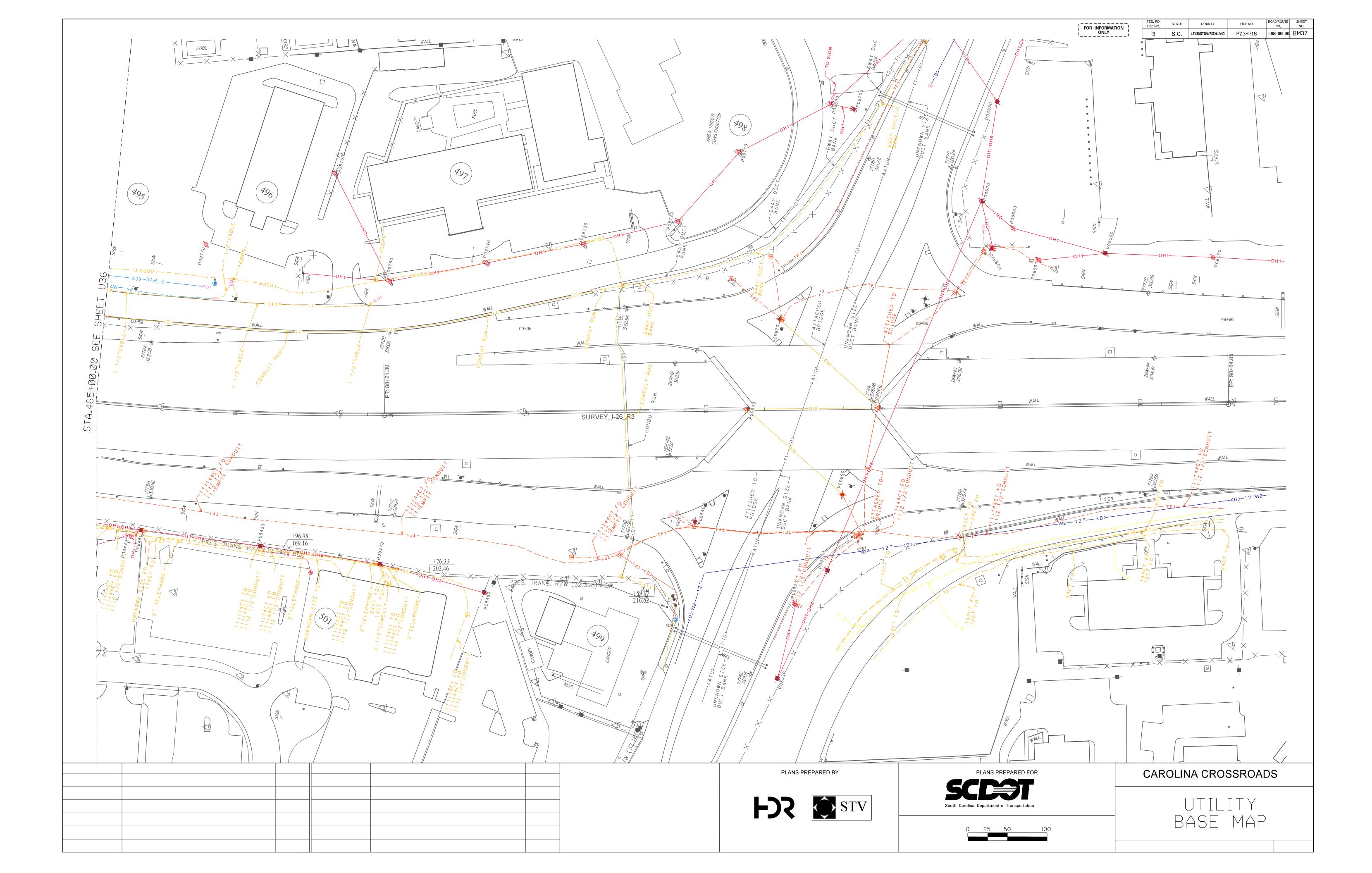


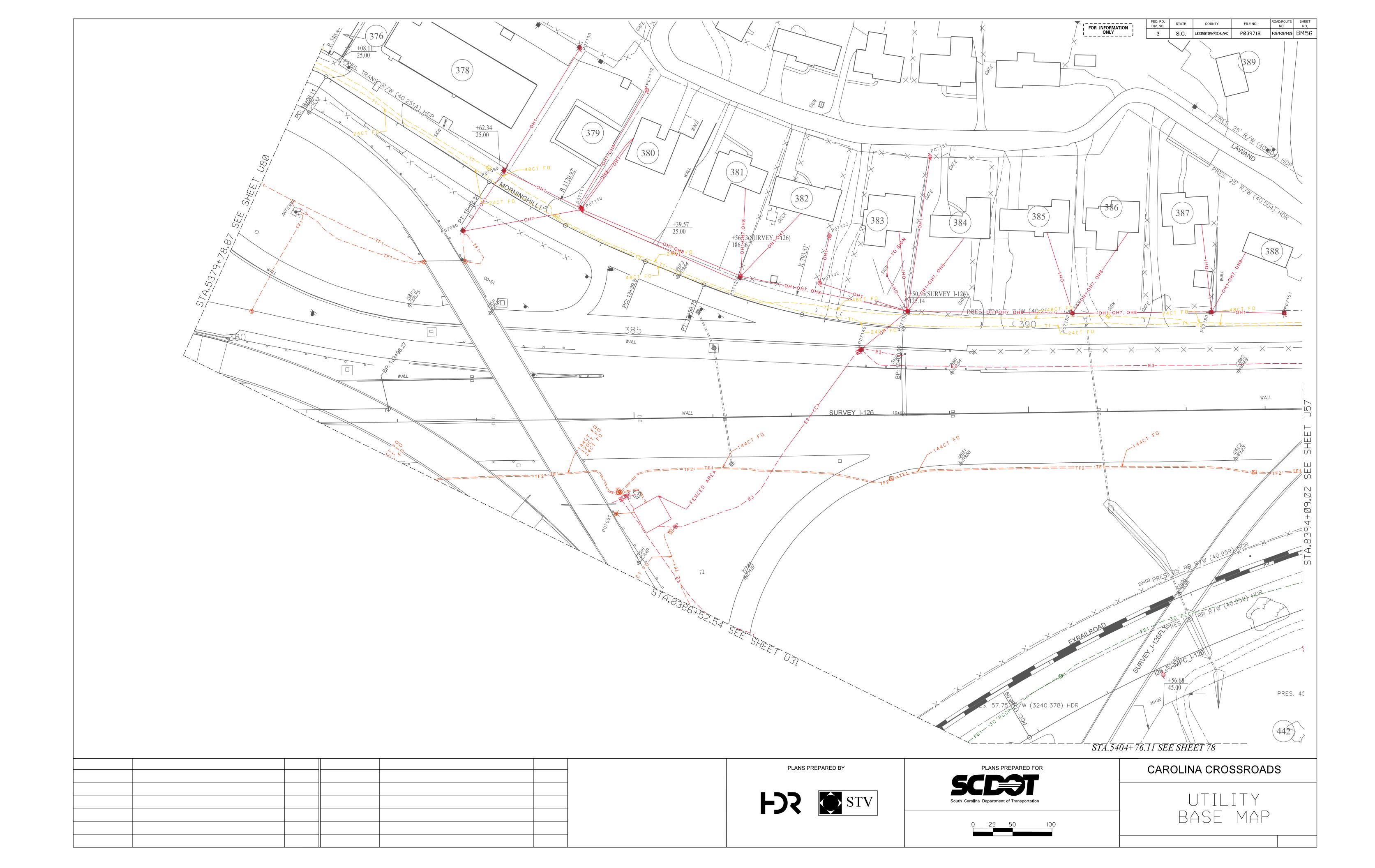


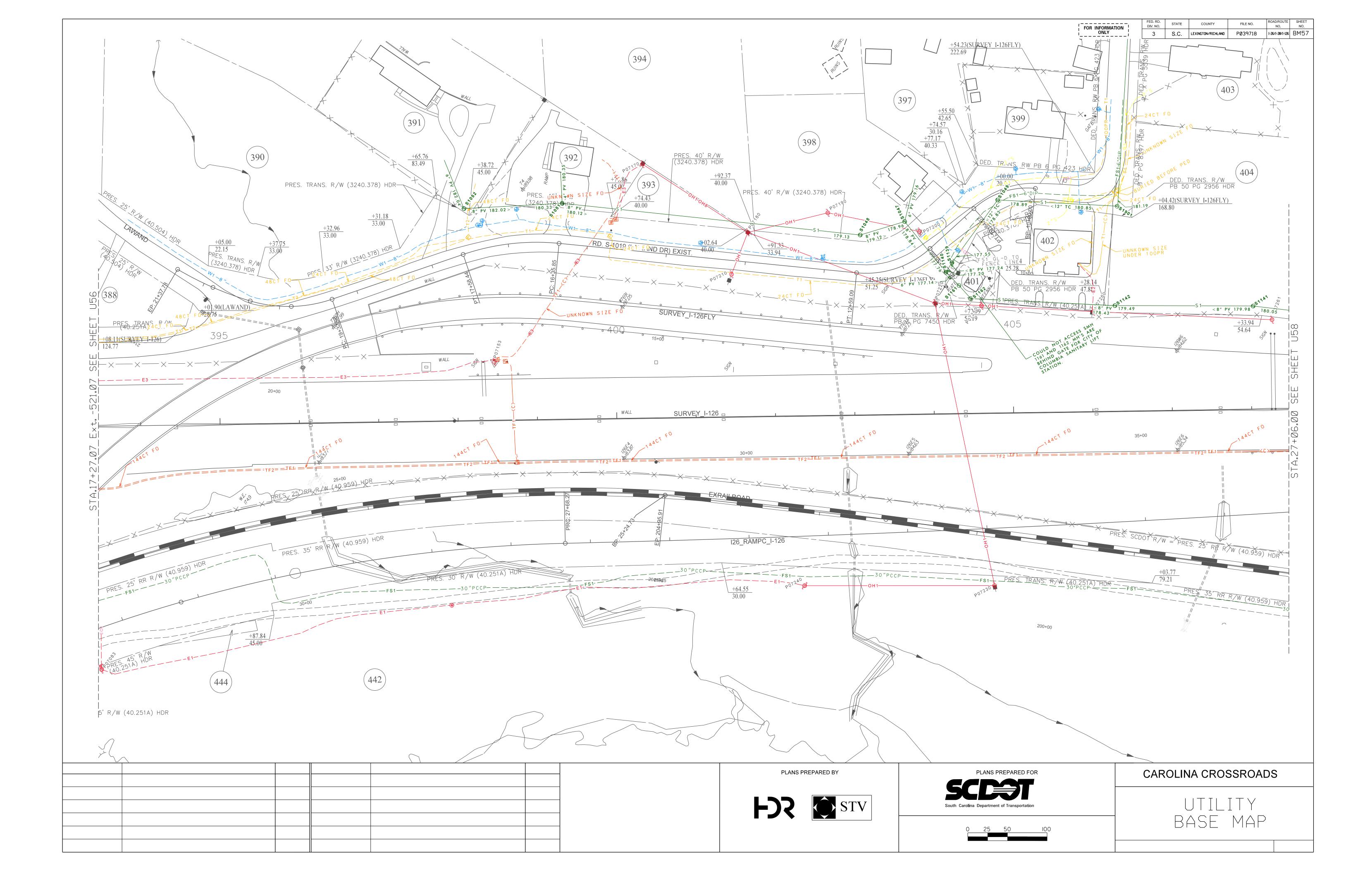


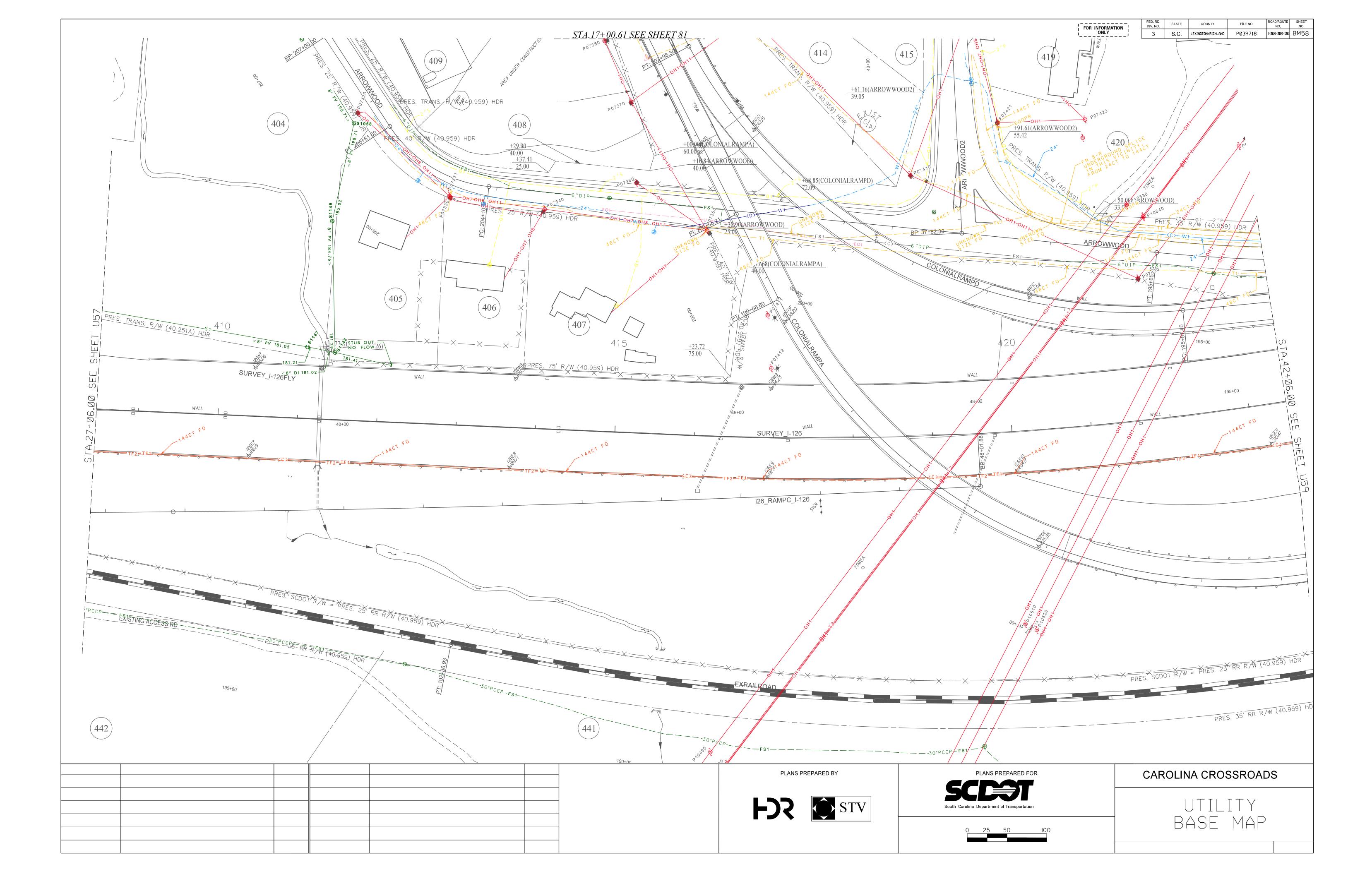


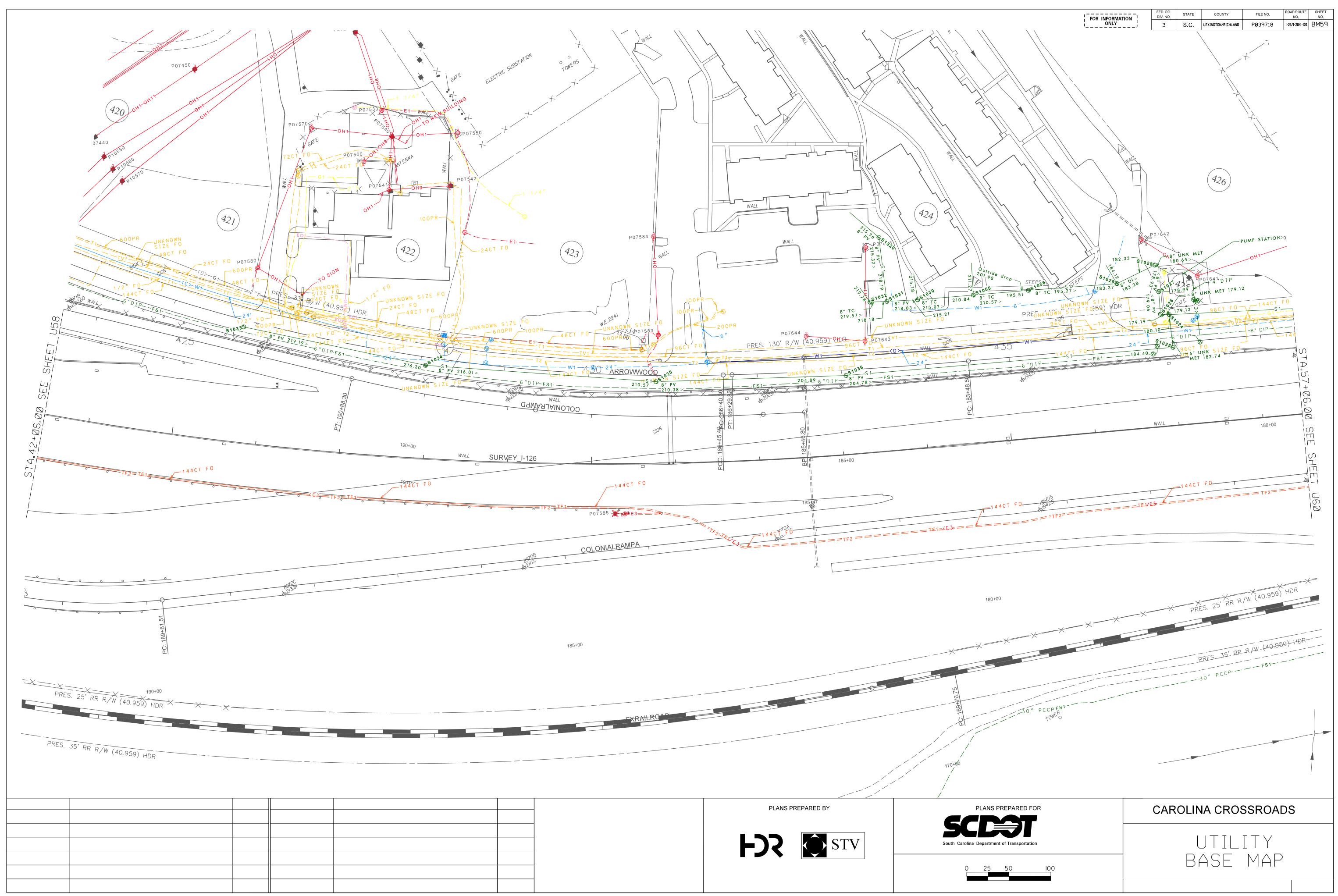




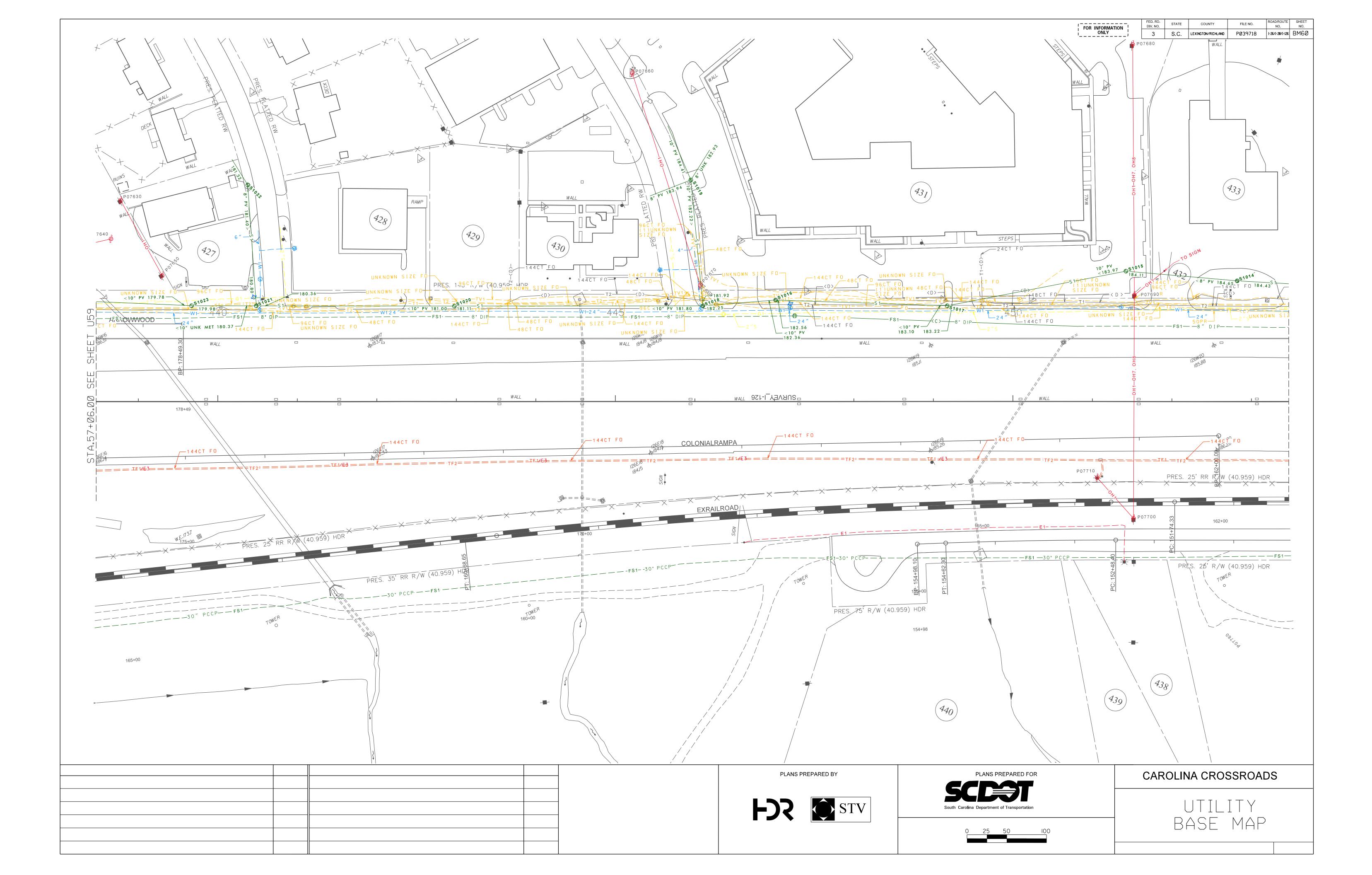


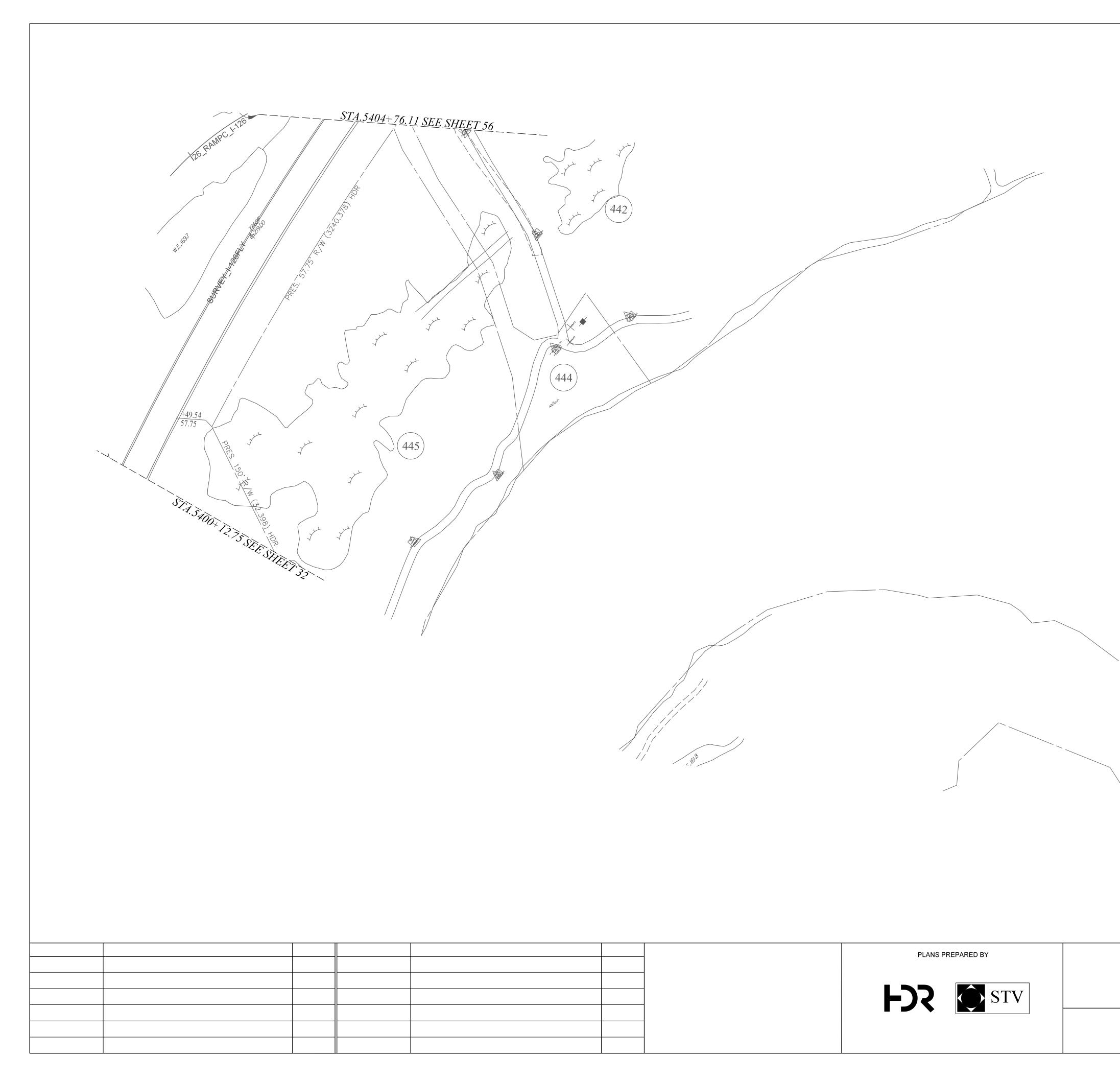






	PLANS F	PREPARED BY	
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			PLANS PREPARED BY







PLANS PREPARED FOR

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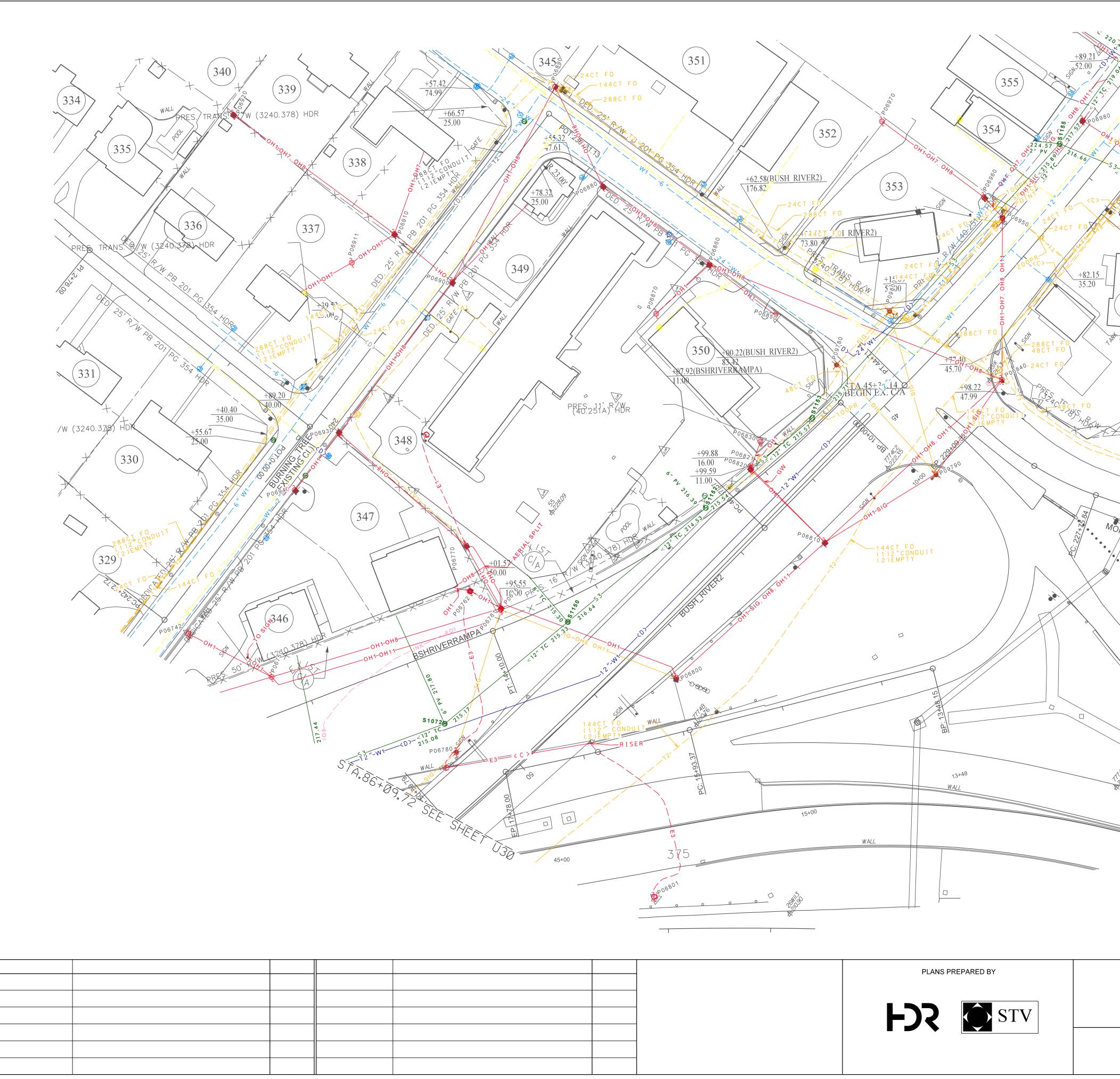
UTILITY BASE MAP

 FED. RD. DIV. NO.
 STATE
 COUNTY
 FILE NO.
 ROAD/ROUTE NO.
 SHEET NO.

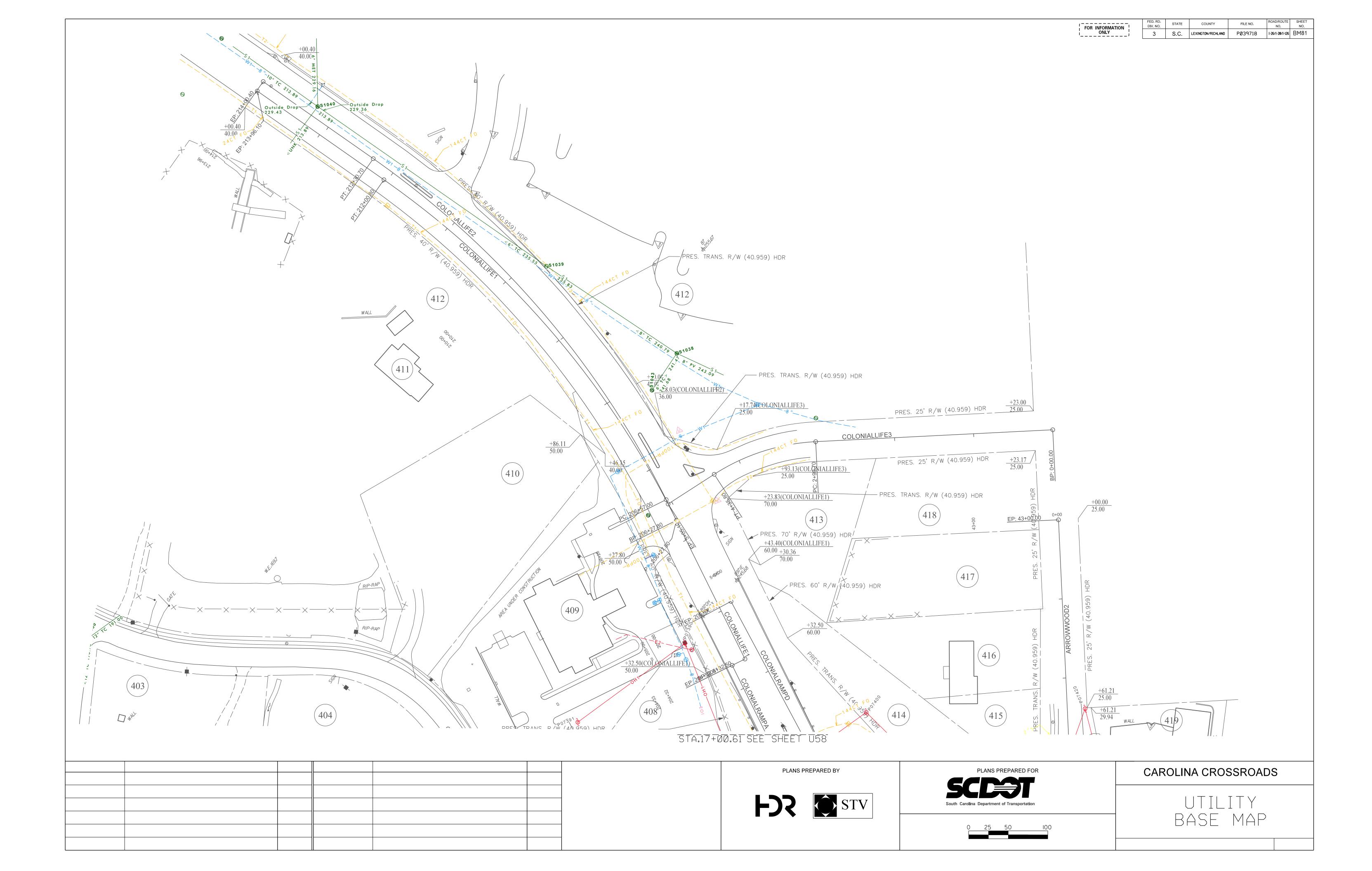
 3
 S.C.
 LEXINGTON/RICHLAND
 PØ39718
 I-26/I-20/I-126
 BM78

FED. RD. DIV. NO. STATE COUNTY

FOR INFORMATION



	FOR INFORMATION ONLY	FED. RD. DIV. NO.	STATE		FILE NO.	ROAD/ROUTE NO.         SHEET NO.           I-26/I-28/I-126         BM80
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RNINGHILL2 5 56 P06 <sup>8<sup>n<sup>1</sup></sup> 41 5 R</sup>						
PO68 <sup>1/1</sup> L2 5 150 PO68 <sup>1/1</sup> LU + 60 CC - CC						
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PLANS PREPARED FOR		CAR	OLIN	A CROS	SROA	DS
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South Carolina Department of Transportation			l	JTIL]	$\top \top Y$	
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0 25 50 100				· • -		



#### CAROLINA CROSSROADS: I-26/I-20/I-126 CORRIDOR IMPROVEMENT PROJECT

### Appendix D: Utility Conflict & Recommended Relocation Plans (U-Sheets)

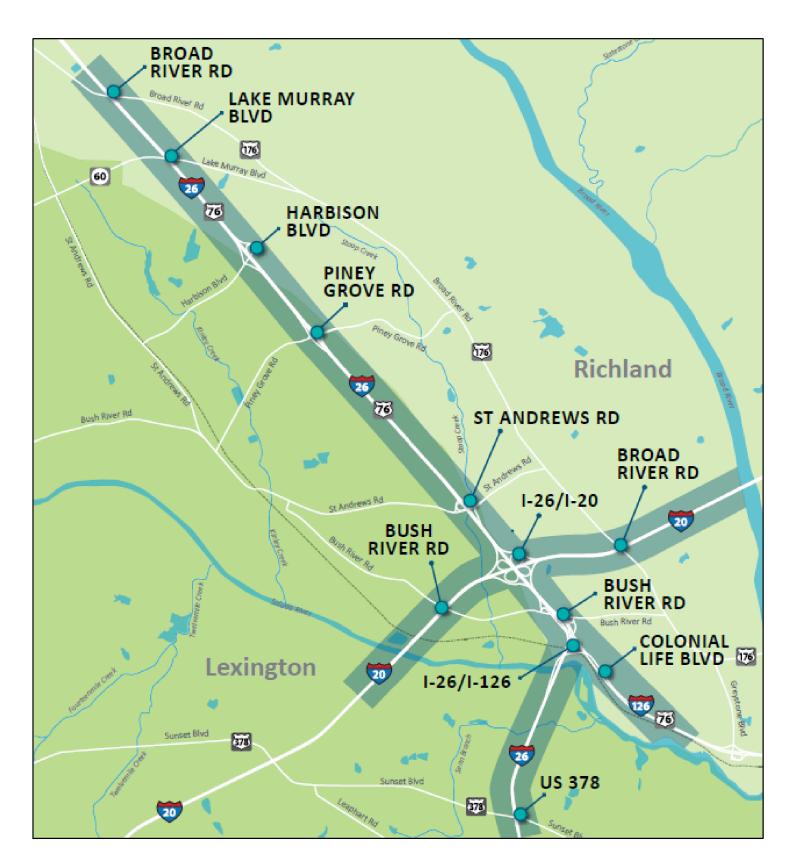
COMMUNICATIONS		SEWER	
AT&T-D LGOO WILLIAMS STREET, ROOM 4A-G COLUMBIA, SC 29201 MR. STEVE MARTIN SMG480@ATT.COM MR. ANDREW WASHINGTON AW8544@ATT.COM	Т1 ОН7	PALMETTO UTILITIES INC 1710 WOODCREEK FARMS ROAD ELGIN, SC 29045 MR. ADAM DELK 803-699-2422 ADELK@NIAMERICA.COM	F S 3 S 3
COMMUNICATIONS SEGRA (FORMERLY SPIRIT COMMUNICATIONS) 1500 HAMPTON STREET, SUITE 101 COLUMBIA, SC 29201 MR. MARK CHAMBERS 803-587-2188 MARK.CHAMBERS@SPIRITCOM.COM MR. BRANDON CARTER (TPRC) 336-457-9495 R.MCCUMBER@GOACP.COM	Т2 ОН9	SEWER SYNERGY UTILITIES 816 EAST MAIN STREET LEXINGTON, SC 29072 MR. KEITH PARNELL SYNERGYUTILITIESLP@GMAIL.COM	F S 4 S 4
COMMUNICATIONS		GAS	
LEXINGTON MEDICAL CENTER 2720 SUNSET BLVD. WEST COLUMBIA, SC 29169 DALE THOMPSON 803-791-2000	ТЗ	DOMINION ENERGY 220 OPERATIONS WAY (MC: J29) CAYCE, SC 29033 MR. PATRICK GIBBONS PATRICK.GIBBONS@DOMINIONENERGY.COM	G 1
COMMUNICATIONS CENTURYLINK (LEVEL 3) MR.RUSS WHEAT 803-206-9563 RUSSWHEAT@CENTURYLINK.COM	T4 OH11	<b>GAS</b> DOMINION CAROLINA GAS TRANS 220 OPERATIONS WAY CAYCE, SC 29033 MS. CONSTANCE STROBLE 803-217-4733 CONSTANCE.STROBLE@DOMINIONENERGY.COM	G 2
COMMUNICATIONS STATE OF SOUTH CAROLINA DEPARTMENT OF ADMINISTRATION 1301 GERVAIS ST. SUITE 710 COLUMBIA, SC 29201 MR. CHARLIE BROWN 803-206-9563	TF2	GAS DIXIE PIPELINE 950 NORTH POINT PARKWAY, STE 100 ALPHARETTA, GA 30005 MR. MARK BURKHAUTEN (803) 351-0583	G 3
CHARLIE.BROWN@ADMIN.SC.GOV		MBURKHAUTEN@DIXIEPIPELINE.COM	
CONTINIONICATIONS COMPORIUM /POND BRANCH TELEPHONE 471A LAKESHORE PARKWAY ROCK HILL, SC 29730 JIMMY LIVINGSTON 803-894-1111	Τ6	WATER CITY OF COLUMBIA 1136 WASHINGTON STREET COLUMBIA, SC 29201 MR. JOHN HILBERT (803) 545-3283 JOHN.HILBERT@COLUMBIASC.GOV	W 1
<b>COMMUNICATIONS</b> MCI COMMUNICATIONS (VERIZON) MR. RANDY GILBERT RANDY.GILBERT@VERIZONWIRELESS.COM	Т7 ОН10	WATER CITY OF WEST COLUMBIA 200 NORTH 12TH STREET WEST COLUMBIA, SC 28171-4044 MR. THOMAS BAKER 803-518-5097 LBAKER@WESTCOLUMBIASC.GOV	W 2
COMMUNICATIONS		ELECTRIC	
UNKNOWN OWNER TELECOM	Τ8 ΟΗ12	DOMINION ENERGY 220 OPERATIONS WAY (MC: J29) CAYCE, SC 29033 MS. CONSTANCE STROBLE 803-217-4733 CONSTANCE.STROBLE@DOMINIONENERGY.COM	E 1 O H 1
COMMUNICATIONS		ELECTRIC	
CHARTER/SPECTRUM (F.K.A. TIME WARNER CABLE) 33474 PLATT SPRINGS ROAD WEST COLUMBIA, SC 29201 MR. SHAWN EDWARDS (CHARTER COMM.) 803-705-4112 SHAWN.EDWARDS@CHARTER.COM	Т V 1 О Н 8	MID-CAROLINA ELECTRIC CO. P.O. BOX 669 LEXINGTON, SC 29071 MR. MARK BISSETT MARKB@MCECOOP.COM MR. BRIAN SANDIFER BRIAN@MCECOOP.COM	E 2 O H 3
ELECTRIC		ELECTRIC	
SANTEE COOPER 9302 OLD NUMBER SIX HWY 803-854-2131	ОН2	SCDOT 955 PARK ST. ROOM 117 PO BOX 191 COLUMBIA, SC 29202-0191 MR. STEVE LITTLEJOHN	E 3 S I G
ELECTRIC		ELECTRIC	
DOMINION ENERGY 220 OPERATIONS WAY (MC: J29) CAYCE, SC 29033 MS. CONSTANCE STROBLE 803-217-4733 CONNIE.STROBLE@DOMINIONENERGY.COM	OH13	UNKNOWN OWNER	E 4 O H 5
SEWER		TRAFFIC	
CITY OF COLUMBIA 1136 WASHINGTON STREET COLUMBIA, SC 29201 MR. JOHN HILBERT (803) 545-3283 JOHN.HILBERT@COLUMBIASC.GOV	F S 1 S 1	SCDOT 955 PARK ST. ROOM 117 PO BOX 191 COLUMBIA, SC 29202-0191 MR. STEVE LITTLEJOHN	TF1
SEWER		UNKNOWN	
CITY OF WEST COLUMBIA 200 NORTH 12TH STREET WEST COLUMBIA, SC 28171-4044 MR. MARK WALLER 803-518-5097 MWALLER@WESTCOLUMBIASC.GOV	F S 2 S 2	UNKNOWN/PRIVATE OWNER	U N K O H 6 O H 1 2



COLUMBIA

5

### PRELIMINARY UTILITY RELOCATION PLANS FOR CAROLINA CROSSROADS I-20, I-26, I-126 IMPROVEMENT PROJECT PHASE 1 - COLONIAL LIFE BOULEVARD



VICINITY MAP (APPROXIMATE SCALE 1" = 0.5 mi)

#### INDEX OF UTILITY SHEETS

TITLE SHEET	CCR_PH1_SHT_U1	U 1
UTILITY LEGEND UTILITY CORRIDOR TYPICAL SECTIONS	CCR_PH1_SHT_U2	U 2 U 3
UTILITY POLE & GRAVITY DATA	CCR_PH1_SHT_U3 CCR_PH1_SHT_U4	U 4
UTILITY GENERAL NOTES	CCR PH1 SHT U5	U 5
UTILITY PLAN SHEETS	CCR PH1 SHT U32-	U 3 2 - 3 7 ,
		U56-60, U78, U80-U81

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	FILE NO.	SHEET NO.
3	S.C.	RICHLAND / LEXINGTON	CAROLINA CROSSROADS	P039718	U1

NOTE: ALL WORKMANSHIP ON THIS PROJECT IS TO CONFIRM WITH SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (LATEST EDITION), AND BOOK OF STANDARD DRAWINGS FOR ROAD CONSTRUCTION LATEST PUBLISHED ENGLISH REVISION)

#### 3 DAYS BEFORE DIGGING IN SOUTH CAROLINA

CALL 1-800-922-0983 PALMETTO UTILITY PROTECTION SERVICE

APPROXIMATE LOCATION OF ROADWAY

LONGITUDE: LATITUDE :

81°02'22.80" 34° 05' 46.08"

CONSULTING ENGINEERING FIRM

CERTIFICATION STATEMENT:

THESE PLANS WERE PREPARED AND CERTIFIED BY THE CONSULTANT FOR COMPLETENESS. NO REVIEWS OR SIGNATURES BY THE SCDOT ARE REQUIRED.

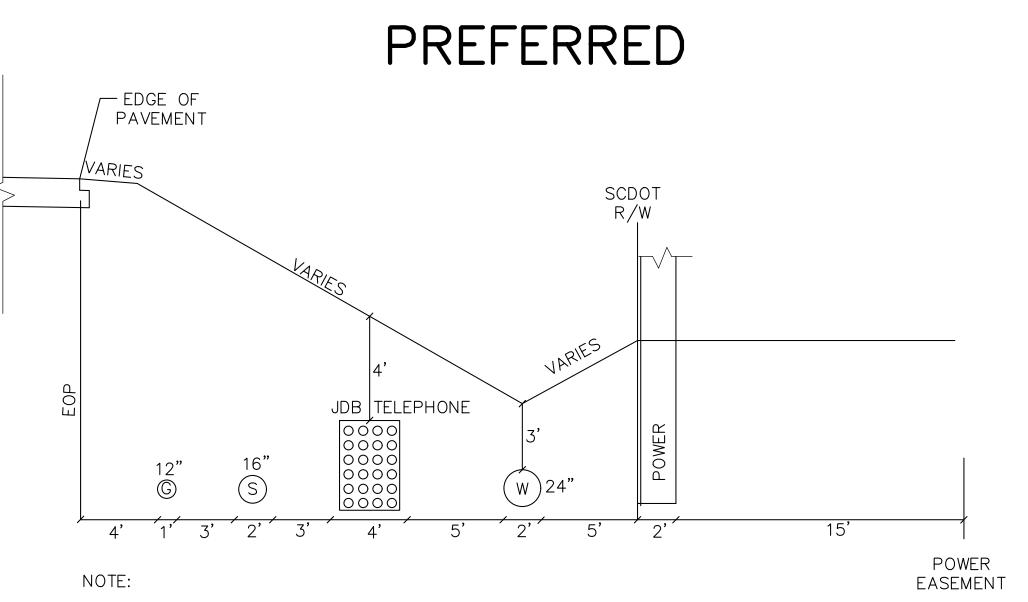
		·			1171					
	ELECTRIC SYMBOLS		ECOMMUNICATION SYMBOLS	EQI- EQI- EDI- EDI- EDI- END OF INFORMATION	-	-				
SYM ABV	DESCRIPTION	SYM ABV	DESCRIPTION	EORI EORI EDITION			RECORDED		1 THRU E10	
M ETM	ELECTRICAL TRANSFORMER		TELEPHONE BOOTH	AATUR UTILITY ABANDONED ACCORDING TO UTLILITY RECORDS AATFI UTILITY ABANDONED ACCORDING TO FIELD INSPECTION			ESIGNATED		1 THRU E10	
E EMH	ELECTRICAL MAN HOLE	C TVP	CABLE TV PEDESTAL	EATUR EMPTY ACCORDING TO UTILITY RECORDS		IC CONTROL	RECORDED	TF	-1 THRU TF	ز
E	ELECTRICAL HAND HOLE	TLC	SUBSCRIBER LOOP CARRIER (aka SLICK)	NAPNO ASSOCIATED PIPING FOUND FROM STRUCTURE NACNO ASSOCIATED CABLES FOUND FROM STRUCTURE	TRAFFIC	CONTROL	ESIGNATED	——— — TF	THRU TF	- — – ز
Ê EPP	ELECTRIC PEDESTAL	TPP	TELEPHONE PEDESTAL	DBRDIRECT BURIED		TELEPHONE	RECORDED	—— T	1 THRU T10	
E EBX	ELECTRIC BOX	ТМН	TELEPHONE MAN HOLE	DATFI DEPICTED ACCORDING TO FIELD INSPECTION	т	ELEPHONE D	ESIGNATED	——— т	1 THRU T10	
ESG	ELECTRIC SWITCH GEAR BOX	F TFOH	FIBER OPTIC HAND HOLE	EATFIEMPTY ACCORDING TO FIELD INSPECTION		CABLE TV	RECORDED	—— тv	1 THRU TV1	0
E EVT	ELECTRIC VAULT		TELEPHONE HAND HOLE				ESIGNATED	— — — – TV	1 THRU TV1	0 — — —
EGL	GROUND / LANDSCAPE LIGHT		CABLE TV HAND HOLE	CAP CAP CAPACITY			RECORDED		11 THRU I5 -	Ŭ
B EAB	ELECTRIC AIR BRAKE		TELEPHONE BOX	MATERIAL ABBREVIATIONS	-					
					1 11		DESIGNATED		11 THRU 15 -	
🚫 ERO	ELECTRIC RESIDENTAL OUTLET		SPLICE BOX	COPPER DI		SLURRY	RECORDED	——— F	R1 THRU R5	
	POLE SYMBOLS		TELEPHONE REPEATER	STEEL		SLURRY D	ESIGNATED	———-F	R1 THRU R5	
SYM ABV	DESCRIPTION		CABLE TV BOX	PPLASTIC FO		GAS	RECORDED	G	1 THRU G10	
Ø PSP	SIGNIFICANT POLE (STEEL, CONCRETE, ETC)		UNDERGROUND TELEPHONE VAULT	CICAST IRON		GAS E	ESIGNATED	——— G	1 THRU G10	
🧭 🛛 PP	ELECTRIC, COMBINATION POLE		UNDERGROUND TELEPHONE PEDESTAL	STEEL COCONCRETE	F	UEL/PETROL	RECORDED	F	THRU F5	
M PMP	METER POLE		UNDERGROUND CABLE TV PEDESTAL	PVC			ESIGNATED	— — — - F	THRU F5	
<b>N</b> PLT	TRANSMISSION LINE POLE		WATER SYMBOLS	TC TERRA COTTA			RECORDED		F1 THRU ST	
	AREA LIGHT POLE		WATER METER	SWC ······STEEL WRAPPED COATED						, _
	TRAFFIC SIGNAL POLE	$\overline{\langle } \rangle$ wv	WATER VALVE	ACASBESTOS CEMENT TFTRAFFIC SIGNAL CABLE			DESIGNATED	5	ITTHRUSI	
Ø POP	OTHER USE POLE		WATER MONITORING WELL	d GW ······GUY WIRE			RECORDED	C <i>A</i>	1 THRU CA	5
						ED GASES D	ESIGNATED	———— CA	1 THRU CA	5 — — –
	CELL PHONE TOWER		FIRE HYDRANT	GENERAL ABBREVIATIONS		WATER	RECORDED	W	1 THRU W10	) (
Ø PTP	TELEPHONE POLE	WMH		E E E ELECTRIC (POWER)	-	WATER D	ESIGNATED	W	1 THRU W10	
X PGP	GUY POLE	WAR	WATER AIR RELEASE VALVE	W UNDERGROUND WATER G UNDERGROUND GAS		GA	VITY SEWER	S	1 THRU S10	,
	AFFIC CONTROL SYMBOLS	W WVB	WATER VALVE BOX	PUPS PALMETTO UTILIY PROTECTION SERVICES			RECORDED		1 THRU FS1	0
S TFV	TRAFFIC SIGNAL CONTROL VAULT	E WFC	FIRE DEPARTMENT CONNECTION	TELEPHONE, TELECOMMUNICATION			ESIGNATED		1 THRU FS1	
<b>S</b> TFHH	TRAFFIC CONTROL HAND HOLE	(È) WBP	WATER BACKFLOW PREVENTER	FO FIBER OPTIC			SIGNAL LINE	10	— SIG —	0
S TFJ	TRAFFIC SIGNAL JUNCTION BOX	B WBO	WATER BLOW OFF VALVE	SANITARY SEWER FS FORCED SANITARY SEWER, FORCE MAIN						
· · · ·	GAS SYMBOLS	W WWWH	WELL HOUSE	DB DUCT BANK			JTILITY LINE	OH	1 THRU OH2	20
SYM ABV	DESCRIPTION		POST INDICATOR VALVE	TF UNK UNKNOWN UTILITY		AERIA	L GUY WIRE		— GW —	
G GM	GAS METER		SEWER SYMBOLS	HPHYDROGEN PEROXIDE	MIS	CELANEOUS	RECORDED	——— N	11 THRU M5	
G GVC	GAS VALVE CAP	SYM ABV	DESCRIPTION	STSTEAM LINE FFUEL / PETROLEUM LINE	MISC	ELANEOUS D	ESIGNATED	— — — · N	11 THRU M5	
G GMH	GAS MAN HOLE		SEWER CLEAN OUT	R ·······RECLAIMED WATER / SLURRY LINE		DUCT BANK	RECORDED	DE	31 THRU DB	5 ———
				I IRRIGATION LINE DB DUCT BANK		UCT BANK E	ESIGNATED	— — — — DE	31 THRU DB	5 — — –
GV GVT	GAS VENT	S SMH	SEWER MAN HOLE	TNL			ITY TUNNEL		— TNL —	
GR GR	GAS PRESSURE REGULATOR		SEWER AIR RELEASE VALVE	CA GASES MATERIAL	-					
GTP GTP	GAS LINE TEST POINT	SS SST	SEWER STEP TANK	SEWER MANHOLE NUMBERS (SMN)	-					
GTF GTF	GAS LINE TAP FARM		SEWER CHECK VALVE BOX	S001 (S - SANITARY SEWER MANHOLE		3	SWEEP LIMIT		— SUE —	
	MISC SYMBOLS	G SGP	SEWER GRINDER / PUMP STATION	│ DESIGNATE EACH SANITARY SEWER MANHOLE WITH A │ SEWER MANHOLE NUMBER (SMN). REFERENCE THIS SMN			OMBIN		СПЛРТ	
MWP	UTILITY WITNESS POST	S SSV	SEWER VALVE	ON THE UTILITY DATA SHEET AND LIST ELEVATIONS.						<u> </u>
EOI MOI	END OF INFORMATION		SEWER LIFT STATION	GENERAL NOTES	SANDY	SL	SILTY	71	SILT	7
MUC MUC	MISC / UNKNOWN VALVE CAP OR COVER	NON	IPOTTABLE WATER SYMBOLS	-GRAVITY SANITARY SEWER LINES ARE SHOWN AS LEVEL 'C'.	LOAM		LOAM			
() MPB	PAVED OR BURIED MANHOLE / CAP		IRRIGATION CONTROL VALVE	-AERIAL UTILITY LINES ARE CONSIDERED AS LEVEL 'C'.	CLAY		SILT	701	SAND	00
(e) MUE	UTILITY TERMINI / ENDS		IRRIGATION CONTROL BOX	-UTILITY OWNER INFORMATION SHOWN ON UTILITY TITLE SHEET.	LOAM		CLAY	ZCL	CLAY	SC
MTH	TEST HOLE	ESE IRH	IRRIGATION / SPRINKLER HEAD	DETAILED INFORMATION SHOWN ON UTILITY & POLE DATA			LOAM		LOAM	
	NATION LINE DEPICTION CODES		DUCT BANK DIAGRAM	SHEETS. -UTILITY POLE DATA INFORMATION SHOWN ON UTILITY & POLE	SANDY	SC	SILTY	ZC	CLAY	
	MBINED LEVEL C & D SUE WILL INCLUDE			DATA SHEETS.	CLAY		CLAY			
	OWING LEVEL QUALITY CODES:	G1	T2 E1 UNIQUE UTILITY IDENTIFIER (UUI)	-TEST HOLE SHOWN ON UTILITY PLAN SHEETS AND DETAILED ON	SURF	ACE D	ESCRIF	<b>PTION L</b>	<b>EGENI</b>	<b>D KE</b>
LINE SHOW	VN DEPICTS QUALITY LEVEL C <c></c>		OWNER REF.	TEST HOLE REFERENCE SHEETS.			INTER-		CONC-	
	< C > T 1	UNK		-HORIZONTAL AND VERTICAL REFERENCED TO PROJECT	ASPHALT	A	LOCKING		RETE	
LINE SHOV	VN DEPICTS QUALITY LEVEL D <d></d>	MT	DB1	CONTROL FOUND ON REFERENCE SHEET.			BRICK	-		<u> </u>
		SCEG	UNK EUNK	-SERVICES LINES WERE DESIGNATED TO THE SWEEP LIMITS OR	NATURAL	N				
	SUE OWNERS CAN BE DEPICTED	MT	MT MT No. OF CONDUITS	DISTRUBUTION POINT.	GROUND					
	IP WITH THE FOLLOWING CODES:	PLACE DUC	T BANK DIAGRAM ON THE UTILITY & POLE DATA	-ALL SUBSURFACE UTILITY WORK WAS PERFORMED USING THE	SO		CRIPTI			(FY
(A)	UTILITY OWNER "X"		OW THE UTILITY & POLE DATA CHART. NOTE THE DUCT BANK ON THE DIAGRAM. DEPICT	ASCE GUIDELINES FOR THE COLLECTION						
(B)	UTILITY OWNER "Y"	THE CORRE	CT NUMBER OF CONDUITS IN THE DUCT AND	AND DEPICTION OF EXISTING SUBSURFACE UTILITIY DATA CI/ASCE 38-02			WATER		SOIL	
	IES THAT REQUIRE MORE DETAILED		OF EACH. MARK EMPTIES (IF KNOWN) WITH FERENCE ABBREVIATION AND "MT".		LOOSE		DRY		CLAY	
INFORMATI	ON ON THE PLAN SHEET CAN BE LABELED								CLAI	
	SUPPLIMENTAL UTILITY LINE LABEL (SUL):		ITY INFORMATION TAGS (UIT)	UTILITY POLE ID NUMBER (UPIN)	-					
——————————————————————————————————————	T 1 , T V 1OH1		LITY APPURTENANCES NEED DESCRIBING,	TAG EACH UTILITY POLE WITH A UTILITY POLE ID NUMBER (UPIN) STARTING AT THE BEGINNING	SOFT		MOIST	M	LOAM	
<u> </u>	0PR T1 0 <sub>H7</sub>	AREA. PIA	UIT NEXT TO THE CELL OR OUTLINED	STATION. REFERENCE UPIN ON THE UTILITY & POLE						
	—ттіDBR —ААТЦRтvі	DATA SHE	ET. DESIGNATE THE UTILITY BY THE	DATA SHEET WITH APPROPRIATE INFORMATION.	HARD	H	WET	E	SAND	S
\$-12.3>	S1II.8>-\$\		JMBER AND "T001" CODE IN THE "UTILITY" (IE - T2 T001).	POLE NUMBER > P002				<b>L</b>		J
OWNERSH	IP CODES WILL REFERENCED ON THE			- OH3 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		шц	STANDING			
TITLE/OWN	NER SHEET AND THE UTILITY & POLE		☆ T001	P001 4	SOLID	HH	WATER	WW	SILT	
		1		1						L

# SUE LEGEND AND NOTE

			FED. RD. DIV. NO.STATE3S.C.	NO. NO. NO.
	S			
ES			QUALITY LEVEL	DEFINITIONS
	cong	gestion	nis level information comes solely from existing utilit of utilities, but it is often highly limited in terms of c d to project planning and route selection activities.	ty records. It may provide an overall "feel" for the comprehensiveness and accuracy. Its usefulness should
	Leve	el C. Th	nis level involves surveying visible aboveground util	lity facilities (e.g., manholes, valve boxes, posts) and using this information, it is not unusual to find that many
	unde	ergrour	nd utilities have been either omitted or erroneously ots where utilities are not prevalent, or are not too e	plotted. Its usefulness, therefore, should be confined to
	posi This	tion of inform	nation is usually sufficient to accomplish preliminary	chniques to determine the existence and horizontal ating." Two-dimensional mapping information is obtained. angineering goals. Decisions can be made on where to design features in order to avoid conflicts with existing
	utiliti	ies. Sli	ght adjustments in the design can produce substan	ntial cost savings by eliminating utility relocations.
	horiz char prec utilit	zontal a acteris sise pla y is pos	and vertical position of underground utilities, as well stics. This activity is called "locating." It is the highes n and profile information are available for use in ma sitioned in three dimensions, the designer can ofter	equipment at critical points to determine the precise Il as the type, size, condition, material and other st level presently available. When surveyed and mapped, aking final design decisions. By knowing exactly where a n make small adjustments in elevations or horizontal formation (e.g., utility materials, condition, size, soil d Utility Company in their decisions.
			U SHEET - UTILITY COO	RDINATION LEGEND
		ABV	DESCRIPTION	PROPOSED UTILITY LINES
	×		NEW / RELOCATED UTILITY POLE	T1 THRU T10 TELEPHONE
	<u>≫</u> ŵ	URP UCW	REMOVE UTILITY POLE NEW / RELOCATE WATER STRUCTURE	TV1 THRU TV10 — CABLE TV
	Î	UCT	NEW / RELOCATE TELECOMMUNICATION PEDESTAL	L TF1 THRU E10 ELECTRIC
	G	UCG	NEW / RELOCATE GAS STRUTURE	W1 THRU W10 WATER
	E	UCE	NEW / RELOCATE ELECTRIC STRUCTURE	G1 THRU G10 GAS
	S		NEW / RELOCATE SEWER STRUCTURE	FS1 THRU FS10 FORCED SEWER
	S	UCF UCU	NEW / RELOCATE TRAFFIC STRUCTURE	F1 THRU F5 FUEL / PETROLEUM
				OH1 THRU OH20 — AERIAL UTILITIES
			· · ·	M1 THRU M5 MISCELLANEOUS
			· · · · · · · · · · · · · · · · · · ·	
			U SHEET PLAN NOTES	REMOVED UTILITIES
			LINEWORK WILL BE USED WHEN UTILITY ION PLANS ARE INCLUDED IN THE PLAN SET.	ABANDONED/REMOVED 
			EET UUI LINES WILL BE DETAILED ON THE U ATA SHEET.	
	USE	ED FOF	NEOUS" UUI U SHEET LINEWORK CAN BE R ANY UTILITY NOT REPRESENTED WITH A ION UUI.	
	ON	U SHE	ETS, EXISTING UTILITIES ARE DEPICTED ON	
	A G	REYS	CALE.	
_ '				
	-			<i>xxx</i> DUCT BANK
-				
;L			PROJECT	
;L				
; ;			AS PERFORMED BY SAM.	
; ; ;	2. 5	SEE "A	AS PERFORMED BY SAM. PPENDIX E: ENCROACHMENT PERMITS'' FOR	
;L	2. 5	SEE "A	AS PERFORMED BY SAM.	
;L	2. 5	SEE "A	AS PERFORMED BY SAM. PPENDIX E: ENCROACHMENT PERMITS'' FOR	
; ; ; ;	2. 5	SEE "A	AS PERFORMED BY SAM. PPENDIX E: ENCROACHMENT PERMITS'' FOR	
; ; ; ;	2. 5	SEE "A	AS PERFORMED BY SAM. PPENDIX E: ENCROACHMENT PERMITS'' FOR	
; ; ; ;	2. 5	SEE "A	AS PERFORMED BY SAM. PPENDIX E: ENCROACHMENT PERMITS'' FOR	
	2. 5	SEE "A	AS PERFORMED BY SAM. PPENDIX E: ENCROACHMENT PERMITS'' FOR	
	2. 5	SEE "A	AS PERFORMED BY SAM. PPENDIX E: ENCROACHMENT PERMITS'' FOR	
; ; ; ; ; ;	2. 5	SEE "A	AS PERFORMED BY SAM. PPENDIX E: ENCROACHMENT PERMITS'' FOR	NOTES RECENT INSTALLATIONS. ES OUTSIDE WHAT WAS PROVIDED.
<b>)</b>	2. 5	SEE "A	AS PERFORMED BY SAM. PPENDIX E: ENCROACHMENT PERMITS'' FOR RESPONSIBLE FOR VERIFICATION OF UTILITIE	NOTES RECENT INSTALLATIONS. ES OUTSIDE WHAT WAS PROVIDED. SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
	2. 5	SEE "A	AS PERFORMED BY SAM. PPENDIX E: ENCROACHMENT PERMITS'' FOR	NOTES RECENT INSTALLATIONS. ES OUTSIDE WHAT WAS PROVIDED. SOUTH CAROLINA

	EDGE OF PAVEMENT	
	C C C C C C C C C C C C C C C C C C C	W CLEAR 1.5' ZONE 1.5' ZONE 1.6" S
	TELEPHONE ES CAN FIT WITHIN 18' CLEAR ZONE.	*UTILITIES 3-FT. (
	R POLE TO BE SET 1' OUTSIDE OF CL	
L	I II	I

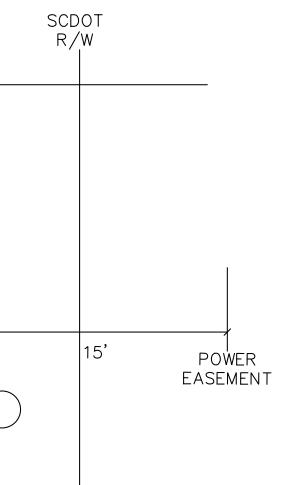
\*UTILITIES LOCATED IN THE FRONT SLOPE WILL MAINTAIN A 4-FT. COVER, 3-FT. COVER UNDER DITCH AND 3-FT. COVER IN BACK SLOPE.



### UTILITY RELOCATION TYPICAL SECTION OPTIC

### CONSTRAINE

### CONSTRAINED (DITCH CUT)



FINAL UTILITY CORRIDOR HAVE BEEN CONFIRMED. COULD MEET UTILITY NEE

TES LOCATED IN THE FRONT SLOPE WILL MAINTAIN A 4-FT. COVER, . COVER UNDER DITCH AND 3-FT. COVER IN BACK SLOPE.

	PLANS F	PREPARED BY	
	FJS	STV	

### 2', 5' C&G SIDEWA SD

NOTE: \*UTILITIES FIT WITHIN TH TO BE EQUAL POWER \*CURB AND GUTTER SEC \*MAX. ALLOWED R/W TO \*POWER WILL BE LOCATE \*SD = STORM DRAINAGE

NOTE: DESIGN-BUILD TEAM WILL

FOR INFORMAT	FED. RD. DIV. NO.     STATE     COUNTY     FILE NO.     ROAD/ROUTE NO.     SHEET NO.       3     S.C.     LEXINGTON/RICHLAND     P039718     L26/L20/L126     U3
ONS	
ED (CURB AND G	SUTTER)
HE POWER EASEMENT (15') R/W NEEDS EASEMENT IF POSSIBLE.	
EASEMENT IF POSSIBLE. ECTION TO ACCOMODATE ALL UTILITIES = CURB AND GUT	TER
TED BEHIND CLEAR ZONE.	
L BE RESPONSIBLE FOR CONF ONCE ALL IMPACTS AND RES THESE ARE SUGGESTIONS T EEDS.	SOLUTIONS
PLANS PREPARED FOR	CAROLINA CROSSROADS
South Carolina Department of Transportation	UTILITY RELOCATION TYPICAL SECTION

OPTIONS

POLE ID	OWNER ID				RIDING UTILITI	ES & OWNERS							POLE	
No.	No.	POLE OWNER	ELECTRIC	TELEPH.	CABLE TV	TRAFFIC	CAMERA	OTHERS	NORTHING	EASTING	HEIGHT	DIAMETER	MATERIAL	MSC. NOTES
	500000	OH1 SCE&G /	OH3 Mid		OH8	marrie	CAMENA	OTTIERS	007.000.04	4 0 4 4 0 7 0 4 0	541	44.01	11/200	
200010	523323	Dominion	Carolina OH1 SCE&G /	OH7 AT&T OH9 Spirit /	Spectrum/Time				827,868.61	1,944,278.18	51'	14.0"	WOOD	2 LIGHT, TEANSFORMER
			Dominion	SEGRA										
200020	11419016	OH3 Mid Carolina	OH3 Mid Carolina	OH7 AT&T	OH8 Spectrum/Time				827,719.20	1,944,404.83	49'	13.0"	WOOD	
	616847		OH1 SCE&G / Dominion	OH9 Spirit / SEGRA										
200030	600857	OH1 SCE&G /	OH1 SCE&G /	JEGRA					827,687.87	1,944,360.70	51'	12.0"	WOOD	
		Dominion OH1 SCE&G /	Dominion OH1 SCE&G /											7.04
00040	156986	Dominion OH3 Mid	Dominion OH3 Mid		OH8				827,536.06	1,944,155.03	43'	14.0"	WOOD	7 GA
200060	N/A	Carolina	Carolina		Spectrum/Time				827,685.17	1,944,484.43	36'	12.0"	WOOD	
200090	N/A	OH3 Mid Carolina	OH3 Mid Carolina	OH7 AT&T	OH8 Spectrum/Time				827,562.99	1,944,537.68	50'	13.0"	WOOD	TRANSFORMER
			OH1 SCE&G /	OH9 Spirit /										SPIRIT ON LOAN TO MCEC
00100	616846	OH3 Mid	Dominion OH3 Mid	SEGRA OH7 AT&T	OH8				827,414.51	1,944,664.25	45'	13.0"	WOOD	
00100	010840	Carolina	Carolina OH1 SCE&G /	OH9 Spirit /	Spectrum/Time				027,414.31	1,944,004.29	-+5	15.0	WOOD	
			Dominion	SEGRA	0110									
00110	616845	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH7 AT&T	OH8 Spectrum/Time				827,262.89	1,944,791.62	43'	13.0"	WOOD	
			OH3 Mid Carolina	OH9 Spirit / SEGRA										
00120	616844	OH1 SCE&G /	OH1 SCE&G /	OH7 AT&T	OH8				827,115.10	1,944,916.95	50'	12.0"	WOOD	
00120	010011	Dominion	Dominion OH3 Mid	OH9 Spirit /	Spectrum/Time				027,113.10	1,344,310.33	50	12.0	weed	
		OH1 SCE&G /	Carolina OH1 SCE&G /	SEGRA	OH8									
00130	616843	Dominion	Dominion	OH7 AT&T	OH8 Spectrum/Time				826,909.72	1,945,092.58	42'	12.0"	WOOD	TRANSF
			OH3 Mid Carolina	OH9 Spirit / SEGRA										
00140	N/A	SIG SCDOT	OH3 Mid				SIG SCDOT		826,878.77	1,945,026.96	48'	17.0"	METAL	E METER
		OH1 SCE&G /	Carolina OH1 SCE&G /		OH8									
00150	195966	Dominion	Dominion	OH7 AT&T	Spectrum/Time				826,719.62	1,945,256.00	40'	12.0"	WOOD	TRANSF
			OH3 Mid Carolina	OH9 Spirit / SEGRA										
00160	616842	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH7 AT&T	OH8 Spectrum/Time				826,560.63	1,945,392.75	43'	12.0"	WOOD	
	115-20-010		OH3 Mid	OH9 Spirit /										
00170		OH3 Mid	Carolina OH3 Mid	SEGRA OH9 Spirit /	OH8				076 570 00	1 0/15 520 44	วาเ	10.0"		
00170	N/A	Carolina OH1 SCE&G /	Carolina OH1 SCE&G /	SEGRA	Spectrum/Time OH8				826,579.99	1,945,520.44	32'	10.0"	WOOD	
00200	47B	Dominion	Dominion	OH7 AT&T	OH8 Spectrum/Time				826,438.87	1,945,467.71	67'	48.0"	METAL	
			OH3 Mid Carolina	OH9 Spirit / SEGRA										
00210	240A	OH1 SCE&G /	OH1 SCE&G /	OH9 Spirit /	OH8				826,334.57	1,945,557.12	78'	48.0"	METAL	
		Dominion	Dominion OH3 Mid	SEGRA	Spectrum/Time				520,00 1.07	_,3,337,12				
			Carolina	OHQ chirit /	OH8									
00220	240B	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH9 Spirit / SEGRA	OH8 Spectrum/Time				826,231.14	1,945,648.21	78'	48.0"	METAL	
			OH3 Mid Carolina											
00230	48A	OH1 SCE&G /	OH1 SCE&G /	OH9 Spirit /	OH8				826,056.85	1,945,802.46	74'	48.0"	METAL	SPLICE CASE
		Dominion	Dominion OH3 Mid	SEGRA	Spectrum/Time									
		OH3 Mid	Carolina OH3 Mid											
00240	48B	Carolina	Carolina						826,082.57	1,945,833.68	75'	48.0"	METAL	2 lights
00260	241B	OH3 Mid Carolina	OH3 Mid Carolina						825,988.73	1,945,906.17	74'	48.0"	METAL	1 light
00290	115-30-40	OH3 Mid Carolina	OH1 SCE&G / Dominion	OH9 Spirit / SEGRA	OH8 Spectrum/Time				825,871.28	1,945,974.14	47'	12.0"	WOOD	LIGHT
		Caronna	OH3 Mid	JEGRA	Spectrum/ mile									
00202		OH3 Mid	Carolina OH3 Mid						005 074 40	1.040.400.00		40.0	14/0.05	
00300	N/A	Carolina	Carolina		OH8				825,974.46	1,946,160.64	35'	12.0"	WOOD	
00310	N/A	OH3 Mid Carolina	OH1 SCE&G / Dominion	OH9 Spirit / SEGRA	OH8 Spectrum/Time				825,742.47	1,946,090.52	48'	12.0"	WOOD	
			OH3 Mid Carolina											
00320	N/A	OH1 SCE&G /	OH1 SCE&G /	OH9 Spirit /	OH8				825,576.61	1,946,239.54	48'	13.0"	WOOD	
		Dominion	Dominion OH3 Mid	SEGRA	Spectrum/Time				223,370.01	_, 5 . 5, 200.04				
		OH3 Mid	Carolina OH1 SCE&G /	OH9 Spirit /	OH8									
00330	N/A	Carolina	Dominion		Spectrum/Time				825,669.55	1,946,341.19	48'	13.0"	WOOD	12GA
			OH3 Mid Carolina											
00340	N/A	OH3 Mid	OH1 SCE&G /	OH9 Spirit /	OH8				825,689.73	1,946,540.97	46'	12.0"	WOOD	
		Carolina	Dominion OH3 Mid	SEGRA	Spectrum/Time					,,2.3,0,				
		OH1 SCE&G /	Carolina OH1 SCE&G /											
00350	195160	Dominion	Dominion						825,501.71	1,946,263.71	32'	10.0"	WOOD	TRANSF
00351	539481	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						825,424.25	1,946,344.15	20'	8.0"	WOOD	
00400	N/A	OH3 Mid Carolina	OH3 Mid Carolina						825,082.41	1,946,110.23	23'	8.0"	WOOD	
00430	N/A	OH3 Mid	OH3 Mid	OH7 AT&T	OH8				824,835.60	1,945,904.41	42'	12.0"	WOOD	TRANSF, LIGHT
00-00	1 V A	Carolina	Carolina	OH / AT&T OH9 Spirit /	Spectrum/Time				027,000.00	±,J7J,J04.41	74	12.0	**000	
		01/02	0112 1 7 1	SEGRA										
00431	N/A	OH6 Private Owner	OH3 Mid Carolina						824,898.98	1,945,818.56	24'	7.5"	WOOD	LIGHT
00440	N/A	OH3 Mid	OH3 Mid	OH7 AT&T	OH8 Spectrum/Time				824,943.56	1,945,757.36	15'	11.0"	WOOD	
		Carolina	Carolina	OH9 Spirit /	spectrum/mme									
00 1= -		OH3 Mid	OH3 Mid	SEGRA	OH8									
00450	269830	Carolina	Carolina	OH7 AT&T	Spectrum/Time				824,731.75	1,946,070.72	26'	11.0"	WOOD	TRANSF
				OH9 Spirit / SEGRA										
00460	N/A	OH3 Mid Carolina	OH3 Mid Carolina	OH7 AT&T	OH8 Spectrum/Time				824,634.83	1,946,224.92	24'	8.0"	WOOD	
		Carolina	carolina	OH9 Spirit /	spectrum/TIMe									
		OH3 Mid	OH3 Mid	SEGRA	OH8									
200470	N/A	Carolina	Carolina	OH7 AT&T	Spectrum/Time				824,580.83	1,946,339.80	40'	12.0"	WOOD	TRANSFORMER
				OH9 Spirit / SEGRA										

COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE	COLUMN DESCRIPTION	EXAMPLE
	a) Reference the Utility Unique Identifier (UUI)	E1, G1, OH15	STATION	a) Reference the station of the begin & end of linear utility	01+23 - 45+67	Reference utility owner by name or by Owner Ref Abbr	LOCAL POWER CO
UTILITY	b) Reference Sewer Manhole Number (SMN)	S001, SMH-02	RANGE	b) Reference the station location of utility appurtenance	01+23	OWNERSHIP From Title Sheet	LPC
	c) Reference Utility Information Tags (UIT)	U001, U05		c) Reference the station location of mahole	01+23		
POLE	Reference the Utility Pole ID Number	P001, P25	OFFSET	a) Reference the offset of the begin & end of linear utility	15R - 15R	Reference Owner Number, Height, Diameter, and Material of pole	DPC123, 35', 12", WOOD
	Reference the Alignment used for stationing		RANGE	b) Reference the offset location of utility appurtenance	25L	POLE DATA	
ALIGNMENT	Use design alignments when available			c) Reference the offset location of manhole	25L		
ROUTE		MAIN ST.	ITEM IN	a) Reference utility type, size, & material	TELEPHONE, COPPER / GAS 6" DI	REMARKS a) Further details including capacity, etc.	
RD	~All geometric data used will be referenced to the project	MAIN ST RELOC	PLACE	b) Reference the utility appurtenance type	U/G PEDESTAL	MISC NOTES b) List Sewer rims and invert elevations	RIM=123.45, INV IN=123.4 INV OUT=123.45
	datum~			c) Reference manhole	SEWER MH	c) List details and desc, sizes, record information, etc.	RECORDS SHOW INFO

POLE ID	OWNER ID				RIDING UTILITIE	ES & OWNERS					DIANASTED	POLE		
No.	No.	POLE OWNER	ELECTRIC	TELEPH.	CABLE TV	TRAFFIC	CAMERA	OTHERS	NORTHING	EASTING	HEIGHT	DIAMETER	MATERIAL	MSC. NOTES
P00480	11540031	OH3 Mid	OH3 Mid						824,590.44	1,946,382.47	37'	12.0"	WOOD	
P00490	1561111	Carolina OH3 Mid	Carolina OH3 Mid	OH7 AT&T	OH8				824,541.85	1,946,557.80	47'	11.0"	WOOD	
		Carolina	Carolina	OH9 Spirit /	Spectrum/Time				,. 11.05	_,_ ,;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	.,			
P00500	N/A	OH3 Mid	OH3 Mid	SEGRA OH7 AT&T	OH8				824,496.41	1,946,815.19	37'	11.0"	WOOD	
	N/A	Carolina	Carolina	OH / AT&T OH9 Spirit /	Spectrum/Time				024,490.41	1,740,815.19	5/	11.0	VVOOD	
DOGESS		OH3 Mid	OH3 Mid	SEGRA	OH8				004 101 5-	4 047 055 55	!	40.0	1110 5=	
P00510	N/A	Carolina	Carolina	OH7 AT&T OH9 Spirit /	Spectrum/Time				824,461.35	1,947,206.83	44'	12.0"	WOOD	
		0112 M	0112 Mi 1	SEGRA	0110									
P00520	N/A	OH3 Mid Carolina	OH3 Mid Carolina	OH7 AT&T	OH8 Spectrum/Time	SIG SCDOT			824,418.90	1,947,532.23	34'	12.0"	WOOD	
				OH9 Spirit / SEGRA										
P00530	250125	OH1 SCE&G / Dominion							824,425.17	1,947,574.22	23'	11.0"	WOOD	GW
P00540	N/A	OH3 Mid Carolina	OH3 Mid Carolina	OH7 AT&T	OH8 Spectrum/Time				824,392.60	1,947,840.59	37'	12.0"	WOOD	
				OH9 Spirit / SEGRA	, ,									
P00550	N/A	OH3 Mid Carolina	OH3 Mid Carolina	OH7 AT&T	OH8 Spectrum/Time				824,375.73	1,948,041.05	45'	13.0"	WOOD	
		Carolina	Carolina	OH9 Spirit /	Spectrum/TIme									
P00670	N/A	OH1 SCE&G /	OH1 SCE&G /	SEGRA		SIG SCDOT			824,242.26	1,948,027.59	25'	12.0"	METAL	
	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /			SIG SCDOT							METAL	TRANSCORMED
P00680		Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	OH11				0	824,273.95	1,947,722.30	25'	12.0"		TRANSFORMER
P00690	195952	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	CenturyLink / OH11		SIG SCDOT		GW	824,297.91	1,947,513.56	28'	11.0"	WOOD	
P00700	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	CenturyLink /		SIG SCDOT			824,181.70	1,947,457.30	48'	12.0"	WOOD	METER
P00710	616822	Dominion	Dominion			SIG SCDOT			824,200.23	1,947,392.15	28'	12.0"	WOOD	
P00720	N/A	SIG SCDOT	OH1 SCE&G / Dominion				SIG SCDOT		824,275.03	1,947,292.87	50'	13.0"	CONCRET	CAMERA
P00730	525997	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH11 CenturyLink /					823,948.76	1,947,349.01	43'	13.0"	WOOD	TRANSFORMER
P00740	195950	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH11 CenturyLink /					823,658.15	1,947,209.85	47'	12.0"	WOOD	
P00750	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						823,701.62	1,947,462.87	48'	12.0"	WOOD	
P00760	195949	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						823,602.45	1,947,415.11	34'	11.0"	WOOD	TRANSFORMER
P00780	539484	OH1 SCE&G /	OH1 SCE&G /						823,469.97	1,947,596.96	40'	12.0"	WOOD	
P01250	435313	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						815,905.92	1,954,589.60	29'	9.0"	WOOD	
P01250	423508	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						815,778.69	1,954,695.46	29	9.5"	WOOD	
		Dominion OH1 SCE&G /	Dominion OH1 SCE&G /											
P01270	491418	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						815,725.53	1,954,815.13	21'	10.0"	METAL	
P01280	423507	Dominion	Dominion OH1 SCE&G /						815,682.79	1,954,778.41	38'	10.0"	WOOD	TRANSFORMER
P01281	400G-3649A	SIG SCDOT	Dominion						815,638.14	1,954,731.18	29'	15.0"	CONCRET	
P01290	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						815,670.17	1,954,776.23	44'	11.0"	WOOD	
P01300	156536	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						815,435.11	1,954,598.56	45'	13.0"	WOOD	
P01310	381848	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						815,373.66	1,954,553.01	36'	11.0"	WOOD	
P01320	156535	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						815,615.81	1,954,456.63	45'	13.0"	WOOD	TRANSFORMER
P01330	308543	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						815,230.58	1,954,760.78	44'	13.0"	WOOD	
P01340	156537	OH1 SCE&G /	OH1 SCE&G /						815,063.57	1,954,936.54	42'	12.0"	WOOD	
P01350	156538	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						814,838.17	1,955,133.53	38'	13.0"	WOOD	TRANSFORMER
P01360	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						814,915.55	1,955,130.81	23'	9.0"	WOOD	METER
		Dominion OH1 SCE&G /	Dominion OH1 SCE&G /											
P01370	579070	Dominion	Dominion						814,725.50	1,955,226.71	36'	12.0"	WOOD	TRANSFORMER X 3
P01371	N/A	SIG SCDOT OH1 SCE&G /	OH1 SCE&G /	OH13 SCE&G			SIG SCDOT		814,793.46	1,955,423.41	29'	13.0"	CONCRETE	
P01380	156539	Dominion	Dominion	Fiber Optic					814,559.75	1,955,365.38	74'	17.0"	WOOD	
P01390	328664	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH13 SCE&G Fiber Optic					814,446.16	1,955,113.56	73'	17.0"	WOOD	
P01400	576128	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH13 SCE&G Fiber Optic					814,298.42	1,954,864.44	59'	17.0"	WOOD	
P01410	576120	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH13 SCE&G Fiber Optic					814,713.67	1,955,690.77	67'	17.0"	WOOD	
				OH9 Spirit / SEGRA										
P01450	135 16 044	OH3 Mid Carolina	OH3 Mid Carolina	OH9 Spirit / SEGRA					814,294.54	1,955,156.75	37'	12.0"	WOOD	
P01460	N/A	OH3 Mid	OH3 Mid	OH9 Spirit /					814,426.26	1,955,442.02	50'	13.0"	WOOD	
P01470	, N/A	Carolina OH3 Mid	Carolina OH3 Mid	SEGRA OH9 Spirit /					814,548.03	1,955,710.51	36'	12.0"	WOOD	
P01480	N/A	Carolina OH3 Mid	Carolina OH3 Mid	SEGRA OH9 Spirit /					814,576.21	1,955,769.31	36'	12.0"	WOOD	TRANSFORMER X3
P01480	156540	Carolina OH1 SCE&G /	Carolina OH1 SCE&G /	SEGRA							35'	11.0"	WOOD	
		Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						814,277.29	1,955,590.36				
P01510	156541	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						814,035.13	1,955,769.24	40'	13.0"	WOOD	
P01520	180301/100	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						813,868.69	1,955,858.36	37'	11.0"	WOOD	
P01530	180302	Dominion	Dominion						814,097.27	1,956,081.61	35'	11.0"	WOOD	LIGHT
P01540	180303	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						814,176.08	1,956,164.90	35'	11.0"	WOOD	3 TRANS
P01580	576121	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						813,779.69	1,955,907.48	37'	9.0"	WOOD	
P01590	156543/100	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						813,526.08	1,956,089.11	41'	13.0"	WOOD	
P01591	N/A	SIG SCDOT	Common						813,736.82	1,956,347.85	29'	13.0"	CONCRETE	
P01640	, N/A	OH3 Mid	OH3 Mid						813,451.25	1,956,620.60	28'	10.0"	WOOD	METER
P01040	N/A	Carolina OH3 Mid	Carolina OH3 Mid						813,431.25			9.0"	WOOD	LIGHT
		Carolina OH3 Mid	Carolina OH3 Mid							1,956,682.39	28'			
P01660	N/A	Carolina	Carolina						813,506.56	1,956,795.49	34'	10.0"	WOOD	TRANSFORMER

REV. NO.	
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INITIAL	

FED. RD. DIV. NO. 3
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ΒΥ	DATE	DESCRIPTION OF REVISION		NA DEPARTMENT PORTATION
			ROAD DESIGN	COLUMBIA, S.C.
				DLE DATA SHEET
				JLE DATA SHEET
			NOT TO SCALE	DWG: CCR_PH1_SHT_U4A

No.	OWNER ID No.	POLE OWNER						OTUDE	NORTHING	EASTING	HEIGHT	DIAMETER	POLE MATERIAL	MSC. NOTES
		OH3 Mid	OH3 Mid	TELEPH.	CABLE TV	TRAFFIC	CAMERA	OTHERS						
P01680	N/A	Carolina	Carolina	OH7 AT&T OH9 Spirit /					812,646.97	1,955,813.82	45'	14.0"	METAL	
		OH3 Mid		SEGRA										
P01690	N/A	Carolina	OH3 Mid Carolina	OH7 AT&T					812,452.77	1,956,013.54	43'	13.0"	WOOD	TRANSFORMER
P01700	N/A	OH3 Mid Carolina	OH3 Mid Carolina	OH9 Spirit / SEGRA					812,459.67	1,956,023.58	46'	13.0"	WOOD	
P01710	N/A	OH3 Mid Carolina	OH3 Mid Carolina						812,465.17	1,956,031.33	47'	13.0"	WOOD	
P01720	N/A	OH3 Mid	OH3 Mid	OH9 Spirit /					812,474.16	1,956,037.42	51'	13.0"	WOOD	
P01740	N/A	Carolina OH1 SCE&G /	Carolina OH1 SCE&G /	SEGRA					812,587.42	1,956,561.85	43'	13.0"	WOOD	
	-	Dominion OH3 Mid	Dominion OH3 Mid											
P01750	N/A	Carolina OH3 Mid	Carolina OH3 Mid						813,118.24	1,957,042.98	29'	9.0"	WOOD	LIGHT
P01760	N/A	Carolina	Carolina						813,174.23	1,957,189.68	28'	9.0"	WOOD	LIGHT
P01790	N/A	OH3 Mid Carolina	OH3 Mid Carolina						813,175.93	1,957,372.09	36'	13.0"	WOOD	TRANSFOMER
P01800	N/A	OH3 Mid Carolina	OH3 Mid Carolina						813,084.51	1,957,424.94	26'	9.0"	WOOD	lights x 2
P01820	N/A	OH3 Mid	OH3 Mid		OH8				813,382.53	1,957,839.09	36'	12.0"	WOOD	
P01840	N/A	Carolina OH3 Mid	Carolina OH3 Mid		Spectrum/Time OH8					1,957,914.42	34'	10.0"	WOOD	TRANSFORMER
		Carolina OH6 Private	Carolina OH3 Mid		Spectrum/Time				813,124.70					
P01850	N/A	Owner	Carolina						813,136.21	1,957,822.16	26'	6.0"	WOOD	2 LIGHTS
P01860	N/A	OH3 Mid Carolina	OH3 Mid Carolina						813,149.18	1,958,031.81	27'	8.0"	WOOD	
P01930	N/A	OH3 Mid Carolina	OH3 Mid Carolina						812,460.36	1,957,662.32	42'	12.0"	WOOD	TRANSFORMERS X 3
P01940	N/A	OH3 Mid Carolina	OH3 Mid Carolina						812,395.07	1,957,513.42	42'	11.0"	WOOD	
P01950	N/A	OH3 Mid	OH3 Mid						812,611.48	1,957,400.14	36'	11.0"	WOOD	TRANSFORMERS X 2
P01980	N/A	Carolina OH3 Mid	Carolina OH3 Mid						812,660.77	1,957,376.54	16'	8.0"	WOOD	METER
		Carolina OH3 Mid	Carolina OH3 Mid											
P02000	N/A	Carolina	Carolina		0110				811,616.56	1,957,727.81	38'	12.0"	WOOD	
P02001	N/A	OH3 Mid Carolina	OH3 Mid Carolina	OH9 Spirit / SEGRA	OH8 Spectrum/Time				811,585.11	1,957,658.81	37'	12.0"	WOOD	
P02010	N/A	OH3 Mid Carolina	OH3 Mid Carolina	OH9 Spirit / SEGRA	OH8 Spectrum/Time				811,606.32	1,957,730.18	38'	12.0"	WOOD	TRASFORMER
P02011	N/A	OH3 Mid Carolina	OH3 Mid Carolina						811,579.01	1,957,812.87	24'	8.0"	WOOD	
P02020	N/A	OH3 Mid	OH3 Mid		OH8				811,631.79	1,958,127.59	35'	12.0"	WOOD	
		Carolina	Carolina	OH9 Spirit /	Spectrum/Time									
		OH3 Mid	OH3 Mid	SEGRA										
P02030	N/A	Carolina	Carolina						811,641.76	1,958,130.37	38'	12.0"	WOOD	
P02040	N/A	SIG SCDOT	OH3 Mid Carolina						811,652.25	1,958,037.93	25'	11.0"	WOOD	METER
P02041	N/A	SIG SCDOT					SIG SCDOT		811,944.02	1,957,846.64	30'	13.0"	CONCRETE	
P02050	135 38 5	OH3 Mid Carolina	OH3 Mid Carolina		OH8 Spectrum/Time				811,633.80	1,958,188.58	32'	11.0"	WOOD	TRANSFORMER
P02051	N/A	OH3 Mid	Carolina OH3 Mid		Spectrum/Time				811,738.12	1,958,179.69	22'	8.0"	WOOD	LIGHT
		Carolina OH3 Mid	Carolina OH3 Mid											
P02060	N/A	Carolina OH3 Mid	Carolina OH3 Mid						811,628.75	1,958,237.30	33'	11.0"	WOOD	TRANSFORMER X 3
P02061	N/A	Carolina	Carolina						811,711.06	1,958,202.70	22'	8.0"	WOOD	
P02062	N/A	OH3 Mid Carolina	OH3 Mid Carolina						811,761.72	1,958,226.16	20'	7.0"	WOOD	METER
P02063	N/A	OH3 Mid Carolina	OH3 Mid Carolina						811,662.67	1,958,309.70	21'	8.0"	WOOD	LIGHT
P02070	N/A	OH3 Mid Carolina	OH3 Mid Carolina						811,607.15	1,958,506.99	32'	11.0"	WOOD	TRANSFORMER
P02080	N/A	OH3 Mid	OH3 Mid		OH8				811,412.81	1,958,318.15	36'	11.0"	WOOD	TRANSFORMER
	· · · · · · · · · · · · · · · · · · ·	Carolina	Carolina	OH9 Spirit /	Spectrum/Time					. ,				
Depart	405.000	OH3 Mid	OH3 Mid	SEGRA	OH8						0 <b>7</b> '	40.6"		
P02090	135 38 28	Carolina	Carolina		Spectrum/Time				811,274.04	1,958,441.81	37'	12.0"	WOOD	
				OH9 Spirit / SEGRA										
P02100	135 38 29	OH3 Mid Carolina	OH3 Mid Carolina		OH8 Spectrum/Time				811,074.26	1,958,623.02	38'	12.0"	WOOD	
				OH9 Spirit / SEGRA										
P02110	135 38 30	OH3 Mid	OH3 Mid	JLUNA	OH8				810,907.39	1,958,775.47	34'	11.0"	WOOD	TRANSFORMER
		Carolina	Carolina	OH9 Spirit /	Spectrum/Time					, <u>.</u> ,. , <del>.</del> , , ,				
DOCTO		OH3 Mid	OH3 Mid	SEGRA	OH8					4 050 055 5	221	40.0"	11000	
P02120	N/A	Carolina	Carolina	OH9 Spirit /	Spectrum/Time				810,816.38	1,958,858.33	38'	12.0"	WOOD	TRANSFORMERS X2
				SEGRA										
P02130	N/A	OH5 Unknown Owner		OH7 AT&T					810,731.49	1,958,928.02	23'	9.0"	WOOD	
P02140	135 38 32	OH3 Mid Carolina	OH3 Mid Carolina	OH7 AT&T	OH8 Spectrum/Time				810,633.07	1,959,026.42	40'	12.0"	WOOD	
		Carollild	Carollfia	OH9 Spirit /	Spectrum/ IIme									
P02150	135 38 59	OH3 Mid	OH3 Mid	SEGRA					810,686.03	1,959,076.99	33'	11.0"	WOOD	TRANSFORMER
		Carolina OH3 Mid	Carolina OH3 Mid		OH8									
P02160	138 48 26	Carolina	Carolina	OH7 AT&T	Spectrum/Time				810,584.28	1,959,068.66	42'	13.0"	WOOD	2 WAY FEEDER
				OH9 Spirit / SEGRA										
P02170	5	OH3 Mid Carolina	OH3 Mid Carolina	OH9 Spirit / SEGRA					810,577.69	1,959,061.56	38'	12.0"	WOOD	
P02180	135 48 21/5	OH3 Mid	OH3 Mid	OH9 Spirit /					810,491.32	1,958,804.15	40'	13.0"	WOOD	
P02190	N/A	Carolina OH3 Mid	Carolina OH3 Mid	SEGRA OH9 Spirit /					810,479.39	1,958,790.78	40'	12.0"	WOOD	TRANSFORMER
		Carolina OH3 Mid	Carolina OH3 Mid	SEGRA OH9 Spirit /										
P02200	135 48 15	Carolina OH3 Mid	Carolina OH3 Mid	SEGRA OH9 Spirit /					810,391.16	1,958,555.33	36'	11.0"	WOOD	TRANSFORMER
P02210	2	Carolina	Carolina	SEGRA					810,473.43	1,958,821.18	40'	12.0"	WOOD	LIGHT X2
P02220	N/A	OH3 Mid Carolina	OH3 Mid Carolina	OH9 Spirit / SEGRA					810,374.16	1,958,907.83	43'	13.0"	WOOD	TRANSFORMERS X3
P02230	10 53 F	OH3 Mid Carolina	OH3 Mid Carolina	OH9 Spirit / SEGRA					810,201.90	1,959,065.80	33'	11.0"	WOOD	
		OH3 Mid	OH3 Mid	OH9 Spirit /					810,057.31	1,959,194.57	38'	12.0"	WOOD	
P02240	N/A	Carolina	Carolina	SEGRA						, ,				

COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE
	a) Reference the Utility Unique Identifier (UUI)	E1, G1, OH15	STATION	a) Reference the station of the begin & end of linear utility	01+23 - 45+67		Reference utility owner by name or by Owner Ref Abbr	LOCAL POWER CO
UTILITY	b) Reference Sewer Manhole Number (SMN)	S001, SMH-02	RANGE	b) Reference the station location of utility appurtenance	01+23	OWNERSHIP	From Title Sheet	LPC
	c) Reference Utility Information Tags (UIT)	U001, U05		c) Reference the station location of mahole	01+23			
POLE	Reference the Utility Pole ID Number	P001, P25	OFFSET	a) Reference the offset of the begin & end of linear utility	15R - 15R		Reference Owner Number, Height,	DPC123, 35', 12", WOOD
FOLL		F001, F25	UTISET	a) Reference the offset of the begin & end of finear durity	151-151		Diameter, and Material of pole	br C123, 33, 12, WOOD
	Reference the Alignment used for stationing		RANGE	b) Reference the offset location of utility appurtenance	25L	POLE DATA		
ALIGNMENT	Use design alignments when available			c) Reference the offset location of manhole	25L			
ROUTE		MAIN ST.	ITEM IN	a) Reference utility type, size, & material	TELEPHONE, COPPER / GAS 6" DI	REMARKS	a) Further details including capacity, etc.	
RD	~All geometric data used will be referenced to the project	MAIN ST RELOC	PLACE	b) Reference the utility appurtenance type	U/G PEDESTAL	MISC NOTES	b) List Sewer rims and invert elevations	RIM=123.45, INV IN=123.45
							•	INV OUT=123.45
	datum~			c) Reference manhole	SEWER MH		c) List details and desc, sizes, record information, etc.	RECORDS SHOW INFO

POLE ID	OWNER ID				RIDING UTILITII	ES & OWNERS	5						POLE	
No.	No.	POLE OWNER	ELECTRIC	TELEPH.	CABLE TV	TRAFFIC	CAMERA	OTHERS	NORTHING	EASTING	HEIGHT	DIAMETER	MATERIAL	MSC. NOTES
P02260	N/A	OH3 Mid	OH3 Mid	OH9 Spirit /					809,772.75	1,959,455.38	33'	11.0"	WOOD	
	N/A	Carolina OH3 Mid	Carolina OH3 Mid	SEGRA								8.0"		LIGHT
P02261		Carolina OH3 Mid	Carolina OH3 Mid						809,796.92	1,959,420.13	23'		WOOD	
P02262	N/A	Carolina OH3 Mid	Carolina OH3 Mid	OH9 Spirit /					809,766.00	1,959,449.58	16'	8.0"	WOOD	METER
P02270	N/A	Carolina	Carolina	SEGRA					809,630.73	1,959,583.30	32'	12.0"	WOOD	
P02280	N/A	OH3 Mid Carolina	OH3 Mid Carolina	OH9 Spirit / SEGRA					809,485.88	1,959,714.50	35'	12.0"	WOOD	
P02290	N/A	OH5 Unknown Owner							809,338.54	1,959,833.54	38'	12.0"	WOOD	ANGLED POLE LEANING ON P02300
P02300	N/A	OH3 Mid Carolina	OH3 Mid Carolina	OH9 Spirit / SEGRA					809,345.44	1,959,842.13	38'	12.0"	WOOD	
P02310	N/A	OH3 Mid	OH3 Mid	OH9 Spirit /					809,107.19	1,960,032.87	42'	12.0"	WOOD	
P02311	N/A	Carolina SIG SCDOT	Carolina OH3 Mid	SEGRA					809,103.51	1,960,065.83	19'	8.0"	WOOD	METER
		OH3 Mid	Carolina OH3 Mid	OH9 Spirit /										
P02320	10 53 BB	Carolina OH3 Mid	Carolina OH3 Mid	SEGRA OH9 Spirit /					808,810.17	1,960,269.17	63'	16.0"	WOOD	
P02330	N/A	Carolina	Carolina	SEGRA					808,644.10	1,960,125.27	47'	12.0"	WOOD	
P02331	135 59 6	OH3 Mid Carolina	OH3 Mid Carolina	OH9 Spirit / SEGRA					808,490.16	1,959,993.38	54'	12.0"	WOOD	
P02332	N/A	OH3 Mid Carolina	OH3 Mid Carolina	OH9 Spirit / SEGRA					808,307.34	1,959,835.59	40'	12.0"	WOOD	LIGHT
P02333	N/A	OH3 Mid	OH3 Mid						808,450.00	1,960,143.07	23'	8.0"	WOOD	LIGHT
P02340	N/A	Carolina OH1 SCE&G /	Carolina OH1 SCE&G /						808,613.01	1,960,027.17	45'	12.0"	WOOD	
	220250	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /											
P02341		Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						808,348.35	1,959,777.95	51'	12.0"	WOOD	TRANSFORMER
P02350	100	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						808,884.92	1,960,260.35	33'	10.0"	WOOD	LIGHT
P02360	214390,	Dominion	Dominion						808,704.79	1,960,421.86	40'	13.0"	WOOD	
P02370	214389	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						808,514.65	1,960,592.01	47'	13.0"	WOOD	
P02380	214388	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						808,293.06	1,960,790.72	50'	13.0"	WOOD	TRANSFORMERG
P02390	214387	OH1 SCE&G /	OH1 SCE&G /						808,054.59	1,961,000.93	26'	9.0"	WOOD	
P02391	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						807,876.21	1,961,160.53	25'	8.0"	WOOD	
P02400	N/A	Dominion SIG SCDOT	Dominion				SIG SCDOT		810,398.40	1,959,157.13	51'	17.0"	CONCRETE	
		OH3 Mid	OH3 Mid		OH8									
P02410	N/A	Carolina	Carolina	OH7 AT&T	Spectrum/Time				810,403.17	1,959,232.41	40'	12.0"	WOOD	TRANSFORMER
				OH9 Spirit / SEGRA										
P02420	N/A	OH3 Mid Carolina	OH3 Mid Carolina	OH7 AT&T	OH8 Spectrum/Time				810,214.24	1,959,402.96	41'	13.0"	WOOD	TRANSFORMER
				OH9 Spirit / SEGRA										
P02430	135 49 12	OH3 Mid	OH3 Mid	OH7 AT&T	OH8				810,032.61	1,959 <mark>,</mark> 567.73	41'	13.0"	WOOD	LIGHT
		Carolina	Carolina	OH9 Spirit /	Spectrum/Time				-					
002440		OH3 Mid	OH3 Mid	SEGRA OH9 Spirit /					010.051.50	1 050 625 72	26	42.01		
P02440	N/A	Carolina OH3 Mid	Carolina OH3 Mid	SEGRA	OH8				810,051.56	1,959,625.72	36'	12.0"		TRANSFORMER X3
P02460	N/A	Carolina	Carolina	OH7 AT&T	Spectrum/Time				809,872.27	1,959,714.16	42'	11.0"	WOOD	TRANSFORMER
				OH9 Spirit / SEGRA										LIGHT
P02470	N/A	OH3 Mid Carolina	OH3 Mid Carolina						809,947.90	1,959,772.19	29'	9.0''	WOOD	LIGHT
P02480	N/A	SIG SCDOT	OH3 Mid Carolina						809,714.05	1,959,843.67	28'	9.0"	WOOD	METER
P02490	N/A	OH3 Mid	OH3 Mid Carolina	OH7 AT&T	OH8				809,711.63	1,959,857.20	42'	13.0"	WOOD	TRANSFORMER
		Carolina	Caronna	OH9 Spirit /	Spectrum/Time									LIGHTS X2
P02500	N/A	OH3 Mid	OH3 Mid	SEGRA					809,748.63	1,959,906.02	31'	11.0"	WOOD	TRANSFORMER X3
		Carolina <u>OH3 Mid</u>	Carolina OH3 Mid		OH8									
P02510	135 49 14	<u>Carolina</u>	Carolina	OH7 AT&T OH9 Spirit /	Spectrum/Time				809,547.50	1,960,005.40	39'	11.0"	WOOD	LIGHT
		<u></u>	0	SEGRA										
P02520	N/A	OH3 Mid Carolina	OH3 Mid Carolina	OH7 AT&T	OH8 Spectrum/Time				809,387.43	1,960,151.29	42'	13.0"	WOOD	TRANSFORMER METER
				OH9 Spirit / SEGRA										
P02521	N/A	OH3 Mid	OH3 Mid Carolina						809,416.46	1,960,194.06	24'	8.0"	WOOD	LIGHTS X2
P02530	135 59 021	Carolina OH3 Mid	Carolina OH3 Mid	OH7 AT&T	OH8				809,222.91	1,960,301.33	43'	12.0"	WOOD	
		Carolina	Carolina	OH9 Spirit /	Spectrum/Time				,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		*		
D025 46		OH3 Mid	OH3 Mid	SEGRA	OH8				000 070 75	1 000 440			14/0.05	
P02540	N/A	Carolina	Carolina	OH7 AT&T OH9 Spirit /	Spectrum/Time				809,070.52	1,960,443.56	41'	13.0"	WOOD	
		0114 0		SEGRA										
P02550	223108	OH1 SCE&G / Dominion						GW	809,039.68	1,960,456.13	32'	10.0"	WOOD	
P02560	135 59 23	OH3 Mid Carolina	OH3 Mid Carolina	OH7 AT&T	OH8 Spectrum/Time				808,924.82	1,960,576.26	56'	13.0"	WOOD	
				OH9 Spirit / SEGRA										
P02570	374381	OH1 SCE&G /	OH1 SCE&G /	JLUNA					808,901.93	1,960,580.26	38'	11.0"	WOOD	
P02580	N/A	Dominion SIG SCDOT	Dominion OH1 SCE&G /						808,884.35		30'	13.0"	CONCRET	METER
		OH1 SCE&G /	Dominion OH1 SCE&G /	<b></b>	OH8					1,960,533.28				
P02590	N/A	Dominion	Dominion	OH7 AT&T	Spectrum/Time OH8				808,873.35	1,960,899.52	37'	12.0"	WOOD	
P02600	15775	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH7 AT&T	OH8 Spectrum/Time				808,851.45	1,961,128.52	38'	12.0"	WOOD	
P02610	37437	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						808,795.43	1,961,105.17	32'	11.0"	WOOD	
P02620	374379	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH7 AT&T	OH8 Spectrum/Time				808,823.85	1,961,347.26	33'	12.0"	WOOD	
P02630	14400	OH3 Mid	OH3 Mid	OH7 AT&T	OH8				808,745.84	1,960,738.62	46'	13.0"	WOOD	
		Carolina	Carolina	OH9 Spirit /	Spectrum/Time				,	. ,				
		OH1 SCE&G /	OH1 SCE&G /	SEGRA						4 000				TRANSFORMER
DODCT	46003	Dominion	Dominion OH3 Mid		OH8				808,668.27	1,960,791.21	33'	11.0"	WOOD	TRANSFORMER
P02640		OH3 Mire					1			1 000 000 15	15	12.0"	WOOD	
P02640 P02650	N/A	OH3 Mid Carolina	Carolina	OH7 AT&T OH9 Spirit /	Spectrum/Time				808,579.93	1,960,889.15	45'	12.0	WOOD	

REV. NO.	
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INITIAL	

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD NO.	SHEET NO.
3	S.C.	RICHLAND / LEXINGTON	P039718	I-26/I-20/I-126	U4B

ВΥ	DATE	DESCRIPTION OF REVISION	SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION	
			ROAD DESIGN COLUMBIA, S.C.	
			UTILITY AND POLE DATA SHEET	
			NOT TO SCALE DWG: CCR_PH1_SH	IT_U4B

[														
POLE ID No.	OWNER ID No.	POLE OWNER	ELECTRIC	TELEPH.	RIDING UTILITI	ES & OWNERS	CAMERA	OTHERS	NORTHING	EASTING	HEIGHT	DIAMETER	POLE MATERIAL	MSC. NOTES
P02660	46004	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						808,440.94	1,960,998.72	34'	9.0''	WOOD	
P02670	N/A	OH3 Mid Carolina	OH3 Mid Carolina	OH7 AT&T	OH8 Spectrum/Time				808,401.50	1,961,052.11	46'	13.0"	WOOD	
				OH9 Spirit / SEGRA	,									
P02680	N/A	OH3 Mid Carolina	OH3 Mid Carolina	OH7 AT&T	OH8 Spectrum/Time				808,230.77	1,961,205.66	44'	13.0"	WOOD	
				OH9 Spirit / SEGRA										
P02690	45199	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						808,210.17	1,961,206.51	33'	10.0''	WOOD	TRANSFORMER
P02700	N/A	OH3 Mid Carolina	OH3 Mid Carolina	OH7 AT&T	OH8 Spectrum/Time				808,051.95	1,961,367.86	48'	13.0"	WOOD	
		OH1 SCE&G /	OH1 SCE&G /	OH9 Spirit / SEGRA										
P02710	45200	Dominion OH3 Mid	Dominion OH3 Mid		ОН8				807,977.67	1,961,418.57	37'	10.0"	WOOD	
P02720	136 60 55	Carolina	Carolina	OH7 AT&T OH9 Spirit /	Spectrum/Time				807,888.55	1,961,507.23	40'	12.0"	WOOD	TRANSFORMER
000701	N1/A	OH3 Mid	OH3 Mid	SEGRA					007.000.45	1 001 512 22	201	12.01		
P02721 P02730	N/A N/A	Carolina OH3 Mid	Carolina OH3 Mid						807,890.45	1,961,512.22	28' 39'	12.0'' 13.0''	WOOD	LIGHT
P02740	N/A	Carolina OH3 Mid	Carolina	OH7 AT&T					807,874.21	1,961,526.89	29'	10.0"	WOOD	
P02750	N/A	Carolina OH3 Mid	OH3 Mid						807,846.18	1,961,553.37	19'	12.0"		
P02760	343185	Carolina OH1 SCE&G /	Carolina OH1 SCE&G /						807,868.44	1,961,517.27	22'	8.0"	WOOD	
P02770	N/A	Dominion SIG SCDOT	Dominion OH3 Mid				SIG SCDOT		807,798.20	1,961,513.38	47'	13.0"	CONCRET	CAMERA
P02780	N/A	OH3 Mid Carolina	Carolina OH3 Mid Carolina	OH9 Spirit / SEGRA					807,769.74	1,961,610.14	38'	12.0"	WOOD	
P02790	1366070	OH3 Mid Carolina	OH3 Mid Carolina	OH9 Spirit / SEGRA					807,644.49	1,961,719.55	41'	13.0"	WOOD	
P02800	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						807,155.23	1,962,161.63	26'	8.0"	WOOD	PVT LIGHT
P02810	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						807,127.91	1,962,234.27	28'	9.0''	WOOD	2 PVT LIGHTS, CAMERA,
P02820	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						807,229.07	1,962,330.82	27'	8.0''	WOOD	CAMERA, PVT LIGHT
P02830	159156	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH7 AT&T	OH8 Spectrum/Time				807,092.47	1,962,219.50	33'	10.0"	WOOD	
P02840	572861	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH9 Spirit / SEGRA	OH8 Spectrum/Time				807,058.53	1,962,252.09	33'	12.0"	WOOD	TRANS, PVT LIGHT
				OH7 AT&T	OH8									
P02850	277301	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH9 Spirit / SEGRA	Spectrum/Time				807,109.12	1,962,304.56	24'	9.0"	WOOD	
		OH1 SCE&G /	OH1 SCE&G /	OH7 AT&T OH9 Spirit /	ОН8									
P02870	495241	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	SEGRA OH9 Spirit /	Spectrum/Time OH8				806,966.33	1,962,334.18	35H	11.0"	WOOD	
P02880	159155	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	SEGRA	Spectrum/Time				806,900.72	1,962,393.69	31'	9.0"	WOOD	
P02890	582356	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		OH8				806,988.71	1,962,456.58	22' 40'	8.0'' 13.0''	WOOD	PVT LIGHT TRANS
P02900 P02901	21735	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time OH8				806,863.98	1,962,447.35	36'	13.0"	WOOD	TRANS TRANS, PVT LIGHT
P02920	N/A	Dominion SIG SCDOT	Dominion OH1 SCE&G /		Spectrum/Time				806,885.15	1,962,335.59	30'	13.0	CONCRET	ANTENNA, EMETER
P02930	25960	OH1 SCE&G /	Dominion OH1 SCE&G /					GW	806,830.48	1,962,112.95	40'	13.0"	WOOD	TRANS
P02931	46140	Dominion OH1 SCE&G /	Dominion					GW	806,853.36	1,962,092.44	31'	10.0"	WOOD	3 Guy Anchor's
P02932	N/A	Dominion SIG SCDOT	OH1 SCE&G / Dominion				SIG SCDOT		806,890.54	1,962,146.85	50'	18.0"	CONCRET	E METER
P02940	226353	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						806,823.03	1,961,954.80	23'	10.0''	WOOD	
P02950	277458	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						806,643.03	1,962,280.35	30'		WOOD	
P02960	615390	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						806,655.50	1,962,213.44	22'	8.0"	WOOD	
P02961	615389	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						806,582.12	1,962,103.48	22'	8.0"	WOOD	
P02962	N/A	OH5 Unknown Owner	OH1 SCE&G / Dominion						806,660.91	1,962,212.69	12'	6.0''	WOOD	METER
P02963	N/A	OH5 Unknown Owner OH1 SCE&G /	OH1 SCE&G / Dominion OH1 SCE&G /						806,665.30	1,962,219.29	14'	6.0''	WOOD	LIGHT, METER
P02980	277459	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						806,516.31	1,962,396.18	34'	10.0"	WOOD	TRANS
P02970	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						806,615.66	1,962,152.89	14'	6.0"	WOOD	
P02990	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						806,568.78	1,962,427.18	26'	8.0"	WOOD	
P03000 P03001	563116 225638	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						806,445.24	1,962,462.39	32' 28'	10.0'' 10.0''	WOOD	TRANS PVT LIGHT
P03001	614374	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						806,398.84	1,962,428.43	26'	10.0"	WOOD	PVT LIGHT PVT LIGHT
P03010	601483	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						806,146.57	1,962,704.43	29'	10.0"	WOOD	
P03020	491466	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						806,021.34	1,962,586.47	32'	10.0"	WOOD	TRANS
P03030	85412	Dominion OH1 SCE&G /	Dominion	OH7 AT&T	OH8				805,819.42	1,963,007.84	25'	12.0"	WOOD	
P03031	534821	Dominion OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		Spectrum/Time				805,996.10	1,962,858.20	23'	6.0"	WOOD	STREETLIGHT
P03032	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						805,908.43	1,962,932.74	23'	6.0"	WOOD	
P03040	x	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						805687.497	1962923.471	47.00	13.00	WOOD	TRANS
P03050	333702	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH7 AT&T	OH8 Spectrum/Time				805,706.79	1,963,121.23	33'	10.0''	WOOD	TRANS, PVT LIGHT
P03051	333671	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH7 AT&T	OH8 Spectrum/Time				805,760.11	1,963,052.08	27'	8.0"	WOOD	PVT LIGHT
P03052	563788	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						805,820.72	1,963,007.13	49'	13.0"	WOOD	PVT LIGHT
P03060	333703	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						805,564.50	1,963,215.66	28'	8.0"	WOOD	PVT LIGHT
P03070	333704	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						805,488.56	1,963,225.27	28'	8.0"	WOOD	PVT LIGHT
P03080	333705	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						805,439.13	1,963,221.85	28'	8.0"	WOOD	PVT LIGHT
ITY & PO	LE DATA	TABLE DES	SCRIPTION											
UMN	ference the !	DESCRI Jtility Unique		1)	r	EXAMPLE	COLU STATI		I rence the station c	DESCRIPTION	doflinger	utility	EXAMP 01+23 - 4	
LITY b) Re	eference Sew	er Manhole Nu	umber (SMN)	•1		001, SMH-02	RAN	GE b) Refe	rence the station l	ocation of utility	appurtena		01+23	3 OWNERSHIP From Title Sheet
		ty Information				U001, U05			rence the station l				01+23	Reference Owner Number, H
DLE Refer	rence the Uti	lity Pole ID Nu	mber			P001, P25	OFFS	ET a) Refe	rence the offset of	f the begin & enc	l of linear u	tility	15R - 1	5R Diameter, and Material of po
D.f.			or stationing							cation of utility:		1	251	POLE DATA

RANGE b) Reference the offset location of utility appurtenance

c) Reference the offset location of manhole

ITEM IN a) Reference utility type, size, & material

c) Reference manhole

PLACE b) Reference the utility appurtenance type

MAIN ST.

MAIN ST RELOC

ALIGNMENT Use design alignments when available

latum^

ROUTE

Reference the Alignment used for stationing

RD ~All geometric data used will be referenced to the project

## UTILITY DATA

	1	1										1		1
POLE ID	OWNERID	POLE OWNER					<u>г</u>		NORTHING	EASTING	HEIGHT	DIAMETER	POLE	MSC. NOTES
No.	No.	OH1 SCE&G /	ELECTRIC	TELEPH.	CABLE TV	TRAFFIC	CAMERA	OTHERS					MATERIAL	
P03090	333706	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						805,347.96	1,963,192.89	28'	8.0"	WOOD	PVT LIGHT
P03100	115932	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	OH7 AT&T	OH8				805,840.17	1,963,354.78	49'	13.0"	WOOD	TRANS, EMETER
P03110	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	OH7 AT&T	Spectrum/Time OH8				805,953.10	1,963,292.07	14'	4.0''	METAL	
P03120	N/A	Dominion	Dominion	OH7 AT&T	Spectrum/Time				805,973.73	1,963,233.68	33'	10.0"	WOOD	TRANS
P03130	317359	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH7 AT&T	0.110				806,007.66	1,963,200.69	23'	10.0"	WOOD	STREETLIGHT
P03140	431281	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				806,075.04	1,963,262.86	23'	9.0"	WOOD	PVT LIGHT
P03160	444445	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						805,948.58	1,963,470.46	22'	8.0"	WOOD	PVT LIGHT
P03170	217726	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH7 AT&T					805,636.30	1,963,534.96	31'	10.0"	WOOD	2 TRANS
P03180	5637554	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH7 AT&T					805,718.98	1,963,610.03	24'	8.0"	WOOD	
P03190	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH7 AT&T					805,558.25	1,963,604.06	24'	11.0"	WOOD	
P03191	219890	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						805,665.76	1,963,719.21	27'	9.0''	WOOD	
P03192	43190	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						805,562.74	1,963,599.09	36'	13.0"	WOOD	3 TRANS, E METER
P03200	N/A	SIG SCDOT	OH1 SCE&G / Dominion				SIG SCDOT		805,514.73	1,963,576.21	49'	19.0"	CONCRET	E METER
P03220	219892	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						805,472.89	1,963,791.21	24'	10.0"	WOOD	4 PVT LIGHTS
P03230	253097	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH7 AT&T	OH8 Spectrum/Time	SIG SCDOT			804,620.68	1,962,773.52	50'	12.0"	WOOD	TRANS, PVT LIGHT
P03240	292797	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH7 AT&T	- petramy nine				804,674.45	1,962,913.22	34'	11.0"	WOOD	E METER
P03250	251648	OH1 SCE&G /	OH1 SCE&G /	OH11 Centurylink (	OH8 Spectrum/Time				804,634.83	1,963,016.81	50'	13.0"	WOOD	
P03260	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time				804,638.77	1,963,027.70	31'	10.0"	WOOD	
P03280	251649	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	OH11	OH8	SIG SCDOT			804,607.08	1,963,229.83	44'	13.0"	WOOD	ANTENNA, E BOX
P03290	3617	Dominion OH1 SCE&G /	Dominion	<u>centuryLink /</u>	Spectrum/Time	SIG SCDOT			804,583.23	1,963,433.51	38'	10.0"	WOOD	T INTERFACEGuy Anchor
P03300	251650	Dominion OH1 SCE&G /	OH1 SCE&G /	OH7 AT&T	OH8				804,584.44	1,963,433.62	47'	12.0"	WOOD	TRANS
		Dominion	Dominion	OH11	Spectrum/Time					_,,,	.,			
P03320	361	OH1 SCE&G /	OH1 SCE&G /	CenturyLink / OH11	OH8	SIG SCDOT			804,565.08	1,963,595.78	38'	9.0"	WOOD	
P03330	143008	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	<u>CenturyLink /</u>	Spectrum/Time				804,911.50	1,963,698.57	33'	12.0"	WOOD	TRANS
P03340	1064 BB	Dominion OH3 Mid	Dominion OH3 Mid									13.0"	WCOD	
		Carolina OH3 Mid	Carolina OH3 Mid						804,557.99	1,963,419.56	38'			2 TRANS, E METER
P03350	1368141	Carolina OH1 SCE&G /	Carolina OH1 SCE&G /						804,541.78	1,963,422.42	36'	13.0"	WOOD	
P03360	253996	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						804,485.91	1,963,448.37	35'	11.0"	WOOD	
P03370	C17299	Dominion OH3 Mid	Dominion OH3 Mid		OH8				804,308.18	1,963,459.00	37'	12.0"	WOOD	TRANS
P03380	136818	Carolina OH1 SCE&G /	Carolina OH1 SCE&G /		Spectrum/Time				804,203.53	1,963,452.44	46'	12.0"	WOOD	3 TRANS, PVT LIGHT, E METER, EBOX
P03420	616439	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						804,309.59	1,963,711.79	24'	8.0"	WOOD	
P03430	638792	Dominion OH1 SCE&G /	Dominion	OH9 Spirit /	OH8				804,248.34	1,963,725.83	28'	9.0"	WOOD	2 PVT LIGHTS
P03450	N/A	Dominion		SEGRA OH11	Spectrum/Time				804,535.73	1,963,861.16	32'	13.0"	WOOD	4GW / 4 GUY ANCHORS
		OH1 SCE&G /	OH1 SCE&G /	CenturyLink /										
P03451	3616	Dominion	Dominion OH1 SCE&G /	OH13 SCE&G					804,531.94	1,963,859.90	49'	13.0"	WOOD	TRANS
P03460	539498	OH1 SCE&G / Dominion	Dominion	Fiber Optic					804,333.04	1,963,852.23	31'	10.0"	WOOD	
P03470	706492	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						804,234.88	1,963,833.33	27'	8.0"	WOOD	2 PVT LIGHT
P03480	706485	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						804,275.25	1,963,973.68	22'	8.0"	WOOD	PVT LIGHT
P03490	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						804,531.19	1,964,046.35	23'	8.0"	WOOD	E METER
P03491	N/A	SIG SCDOT				SIG SCDOT			804,527.29	1,964,048.89	26'	10.0"	WOOD	
P03500	539497	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH9 Spirit / SEGRA	OH8 Spectrum/Time				804,614.74	1,964,081.14	60'	13.0"	WOOD	
				OH11 CenturyLink /										
P03510	29094	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH9 Spirit / SEGRA	OH8 Spectrum/Time				804,708.45	1,964,342.41	49'	14.0''	WOOD	
				OH11 CenturyLink /										
P03520	N/A	SIG SCDOT				SIG SCDOT			804,655.45	1,964,392.73	27'	10.0''	WOOD	
P03530	333694	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH9 Spirit / SEGRA	OH8 Spectrum/Time	SIG SCDOT			804,811.00	1,964,624.61	45'	12.0"	WOOD	
				OH11 CenturyLink /										
P03540	361597	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				804,552.18	1,964,657.78	41'	12.0"	WOOD	
P03550	545289	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH7 AT&T	OH8 Spectrum/Time	SIG SCDOT			804,894.75	1,964,882.29	50'	13.0"	WOOD	PD CAMERA
		20.000	55	OH9 Spirit / SEGRA	-perading mile									
				OH11 CenturyLink /										
P03560	419430	OH1 SCE&G /	OH1 SCE&G /	OH7 AT&T	OH8 Spectrum/Time				804,968.56	1,964,784.46	37'	12.0"	WOOD	
		Dominion	Dominion	OH9 Spirit /	spectrum/IIme									
P03570	276303	OH1 SCE&G /		SEGRA	OH8				804,806.19	1,964,931.03	30'	11.0"	WOOD	2 GW
P03580	C-53159	Dominion OH5 Unknown	OH1 SCE&G /	OH7 AT&T	Spectrum/Time OH8	SIG SCDOT			805,024.66	1,965,031.64	44'	13.0"	WOOD	
		Owner	Dominion	OH11	Spectrum/Time					,,0010+				
P03590	539600	OH1 SCE&G /	OH1 SCE&G /	CenturyLink /					804,959.29	1,965,080.83	22'	8.0"	WOOD	PVT LIGHT, GW
		Dominion OH5 Unknown	Dominion OH1 SCE&G /	OH7 AT&T	OH8	SIG SCDOT			805,114.32	1,965,080.83	31'	13.0"	WOOD	
	NI/A	Owner	Dominion		Spectrum/Time				000,114.32	1,000,129.44	JL	13.0	**000	
P03600	N/A	owner		OH11			I							
P03600		OH5 Unknown	OH1 SCE&G /	CenturyLink /					005 116 00	1 005 100 10	AE1	12 01		TRANS
	N/A C-53158 439330		OH1 SCE&G / Dominion OH1 SCE&G /		ОН8				805,116.90	1,965,130.49	45' 28'	13.0'' 10.0''	WOOD	TRANS

EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE
01+23 - 45+67		Reference utility owner by name or by Owner Ref Abbr	LOCAL POWER CO
01+23	OWNERSHIP	From Title Sheet	LPC
01+23			
15R - 15R		Reference Owner Number, Height, Diameter, and Material of pole	DPC123, 35', 12", WOOD
25L	POLE DATA		
25L			
TELEPHONE, COPPER / GAS 6" DI	REMARKS	a) Further details including capacity, etc.	
U/G PEDESTAL	MISC NOTES	b) List Sewer rims and invert elevations	RIM=123.45, INV IN=123.45 INV OUT=123.45
SEWER MH		c) List details and desc, sizes, record information, etc.	RECORDS SHOW INFO

REV. NO.	
4	
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2	
1	
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INITIAL	

ВΥ	DATE	DESCRIPTION OF REVISION	SOUTH CAROLINA DEPAI	
			ROAD DESIGN COLUN	ABIA, S.C.
			UTILITY AND POLE DATA	ASHEEI
			NOT TO SCALE	DWG: CCR_PH1_SHT_U4C

OLE ID	OWNER ID					ES & OWNERS	POLE OWNER ELECTRIC TELEPH. CABLE TV TRAFFIC CAMERA OTHERS				POLE			
No.	No.	POLE OWNER		TELEPH.	CABLE TV	TRAFFIC	CAMERA	OTHERS	NORTHING	EASTING	HEIGHT	DIAMETER	MATERIAL	MSC. NOTES
P03610	N/A	OH5 Unknown	OH1 SCE&G /	OH7 AT&T	OH8	SIG SCDOT			805,280.76	1,965,337.08	44'	12.0''	WOOD	
		Owner	Dominion	OH11	Spectrum/Time									
03690	C-586	OH5 Unknown	OH1 SCE&G /	CenturyLink /					804,218.19	1,965,126.51	34'	12.0"	WOOD	
		Owner OH1 SCE&G /	Dominion OH1 SCE&G /											
03691	706497	Dominion OH1 SCE&G /	Dominion						804,145.33	1,964,988.40	28'	13.0"	METAL	SIG POLE
03692	N/A	Dominion		0111					804,149.11	1,964,988.22	16'	10.0"	WOOD	
03700	251648	OH3 Mid Carolina	OH3 Mid Carolina	OH11 CenturyLink /					804,111.14	1,964,276.08	52'	13.0"	WOOD	2Guy Anchor
03710	1638215	OH3 Mid Carolina	OH3 Mid Carolina	OH11 CenturyLink /					804,083.90	1,964,272.61	28'	13.0"	METAL	CAMERAEM / SIG POLE
°03711	N/A	OH3 Mid Carolina	OH3 Mid Carolina						803,992.99	1,964,245.56	23'	8.0''	WOOD	2 PVT LIGHT
03720	N/A	OH3 Mid	OH3 Mid Carolina	OH11 CenturyLink /					803,878.46	1,964,245.46	39'	13.0"	WOOD	2 PVT
P03730	N/A	Carolina OH5 Unknown	OH3 Mid	CenturyLink /					804,108.80	1,964,344.32	31'	11.0"	WOOD	3E TRANSEM / 2 Guy Anchor'S
	25164962916	Owner OH3 Mid	Carolina OH3 Mid						804,011.33	1,964,423.78	45'	12.0"	WOOD	ANTENNA E BOX / ELECTRONIC SWITCH
03750	N/A	Carolina OH5 Unknown	Carolina OH3 Mid						803,870.36	1,964,540.67	29'	9.0"	WOOD	2 LIGHTS
		Owner OH1 SCE&G /	Carolina OH1 SCE&G /											
03760	549629	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						802,608.25	1,965,130.53	32'	9.0"	WOOD	TRANS
03770	182383	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						802,733.50	1,965,428.95	33'	12.0"	WOOD	
03771	N/A	Dominion	Dominion						802,707.99	1,965,443.50	32'	10.0"	WOOD	2 TRANS2 Guy Anchor'S / EM
03772	N/A	OH5 Unknown Owner							802,644.02	1,965,481.11	23'	8.0''	WOOD	FALLEN TREE REMOVED ELECTRIC POLE CONNECTION FROM P037
03780	345208	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				803,177.99	1,965,640.59	35'	12.0"	WOOD	
03790	345207	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				802,984.68	1,965,803.59	32'	12.0"	WOOD	
03800	345206	OH1 SCE&G /	OH1 SCE&G /		OH8				802,821.55	1,965,971.82	42'	12.0"	WOOD	3 SWITCHES1 Guy Anchor
03810	371921	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time OH8				802,737.67	1,966,108.28	41'	12.0"	WOOD	1 Guy Anchor / 1 PRIV LIGHT
		Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time OH8									
03820	4301	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time				802,649.67	1,966,335.58	37'	10.0"	WOOD	transformer
03830	361531	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						802,687.07	1,966,331.55	33'	10.0"	WOOD	
03840	143013	Dominion	Dominion						802,559.62	1,966,330.06	24'	8.0"	WOOD	3 TRANS / 1 PRIV LIGHT E BOX / E MES TV AMP
03841	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						802,538.17	1,966,299.97	23'	8.0"	WOOD	EBOX
03850	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				802,622.10	1,966,601.70	38'	12.0"	WOOD	1 Trans / Guyans 1 tele inter
03860	143010	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				802,609.99	1,966,724.96	38'	12.0"	WOOD	1 TRANS
03861	312997	OH1 SCE&G /	OH1 SCE&G /						802,743.93	1,966,704.67	23'	9.0"	WOOD	
03870	638792	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		OH8				802,574.42	1,966,989.68	29'	11.0"	WOOD	2 PRIV LTS
	501100	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time				802,843.70	1,966,999.50	36'	10.0"	WOOD	
203880		Dominion OH1 SCE&G /	Dominion											
°03890	541983	Dominion						GW	802,484.73	1,966,987.01	23'	8.0"	WOOD	
03891	N/A	SIG SCDOT					SIG SCDOT		801,862.07	1,966,495.80	53'	16X16	CONCRETE	
03892	N/A	SIG SCDOT					SIG SCDOT		801,999.78	1,966,999.28	30'	13.0"	CONCRETE	
03900	501285	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				802,563.67	1,967,113.33	38'	13.0"	WOOD	
03910	501284	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				802,495.78	1,967,146.16	37'	11.0"	WOOD	
°03920	0706485	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				802,395.35	1,967,298.69	60'	13.0"	WOOD	ANTENNA
03930	348856	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				802,279.99	1,967,467.71	33'	9.0"	WOOD	
03940	N/A	OH1 SCE&G /	OH1 SCE&G /		OH8				802,261.57	1,967,609.66	48'	13.0"	WOOD	
03941	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time				802,243.27	1,967,638.33	24'	8.0"	WOOD	
		Dominion	Dominion											
03942	N/A	SIG SCDOT	OH1 SCE&G /		OH8		SIG SCDOT		802,198.82	1,967,701.41	45'	19.0"	CONCRET	
03950	N/A	Dominion	Dominion		Spectrum/Time				801,858.32	1,967,572.67	51'	13.0"	METAL	TRANSFORMER
03951	292162	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						801,858.32	1,967,572.67	22'	8.0''	WOOD	
03952	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						801,822.82	1,967,521.00	21'	8.0''	WOOD	
03953	143009	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						801,858.71	1,967,519.98	24'	8.0"	WOOD	
03970	450449	OH1 SCE&G /	OH1 SCE&G /						801,939.09	1,967,816.27	24'	7.0"	WOOD	Emetr / EBDX
03980	419945	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						801,956.99	1,967,883.67	37'	14.0"	WOOD	
	419944	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /									14.0"		
03990		Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		OH8				801,766.28	1,967,717.92	33'		WOOD	
°04000	419943	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	OH11	Spectrum/Time OH8				801,708.81	1,967,636.97	29'	11.0"	WOOD	
04010	333694	Dominion	Dominion	CenturyLink /	OH8 Spectrum/Time				801,583.24	1,967,630.52	45'	12.0"	WOOD	1 GW / 4 Guy Anchor
				OH9 Spirit / SEGRA										
04020	N/A	SIG SCDOT	OH1 SCE&G / Dominion		OH8 Spectrum/Time				801,282.70	1,967,594.25	27'	13.0"	METAL	1 Pedx / si pole / Emetr / E Box
04030	545289	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				801,011.30	1,967,561.86	50'	13.0"	WOOD	sig pole / 6 GW / E MetrF Box / 2 Tele interdoce
04031	N/A	OH1 SCE&G /	OH1 SCE&G /		, <u></u>				800,870.49	1,967,415.27	22'	9.0"	WOOD	
04040	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		OH8				, 800,816.25	1,967,598.58	44'	13.0"	WOOD	5 Guy Anchor
04050	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time				800,840.89	1,967,885.31	36'	10.0"	WOOD	2 Guy Anchor / 3 TRAM / PRIV LT
		Dominion OH1 SCE&G /	Dominion OH1 SCE&G /											
04080	220136	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /					GW	800,729.99	1,967,206.79	51'	12.0"	WOOD	
904081	159101	Dominion	Dominion					GW	800,707.16	1,967,139.36	30'	11.0"	WOOD	
04082	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						800,694.34	1,967,247.10	28'	11.0"	WOOD	
04090	348869	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH7 AT&T					800,558.96	1,967,235.53	38'	11.0"	WOOD	
04100	157962	OH1 SCE&G /	OH1 SCE&G /	OH7 AT&T					800,529.19	1,967,013.52	45'	11.0"	WOOD	
04100	137302	Dominion	Dominion						000,525.15		15	11.0		

COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE
	a) Reference the Utility Unique Identifier (UUI)	E1, G1, OH15	STATION	a) Reference the station of the begin & end of linear utility	01+23 - 45+67		Reference utility owner by name or by Owner Ref Abbr	LOCAL POWER CO
UTILITY	b) Reference Sewer Manhole Number (SMN)	S001, SMH-02	RANGE	b) Reference the station location of utility appurtenance	01+23	OWNERSHIP	From Title Sheet	LPC
	c) Reference Utility Information Tags (UIT)	U001, U05		c) Reference the station location of mahole	01+23			
POLE	Reference the Utility Pole ID Number	P001, P25	OFFSET	a) Reference the offset of the begin & end of linear utility	15R - 15R		Reference Owner Number, Height,	DPC123, 35', 12", WOOD
FULL		F001, F25		a) Reference the offset of the begin & end of finear durity	15//-15//		Diameter, and Material of pole	DFC123, 35, 12, WOOD
	Reference the Alignment used for stationing		RANGE	b) Reference the offset location of utility appurtenance	25L	POLE DATA		
ALIGNMENT	Use design alignments when available			c) Reference the offset location of manhole	25L			
ROUTE		MAIN ST.	ITEM IN	a) Reference utility type, size, & material	TELEPHONE, COPPER / GAS 6"	DI REMARKS	a) Further details including capacity, etc.	
RD	~All geometric data used will be referenced to the project	MAIN ST RELOC	PLACE	b) Reference the utility appurtenance type	U/G PEDESTAL	MISC NOTES	b) List Sewer rims and invert elevations	RIM=123.45, INV IN=123.45
							,	INV OUT=123.45
	datum~			c) Reference manhole	SEWER MH		c) List details and desc, sizes, record information, etc.	RECORDS SHOW INFO

## UTILITY DATA

	014/1155 15												DO! F	
POLE ID No.	OWNER ID No.	POLE OWNER	ELECTRIC	TELEPH.	CABLE TV	TRAFFIC	CAMERA	OTHERS	NORTHING	EASTING	HEIGHT	DIAMETER	POLE MATERIAL	MSC. NOTES
04140	157966	OH1 SCE&G /	OH1 SCE&G /						800,642.46	1,966,232.93	36'	10.0''	WOOD	
04150	539600	Dominion OH1 SCE&G / Dominion	Dominion OH1 SCE&G / Dominion						800,878.10	1,966,163.21	22'	9.0''	WOOD	3 GW / 7 Guy Anchor / 7 prir light
04160	216303	OH1 SCE&G /	OH1 SCE&G /						800,914.52	1,966,152.10	33'	8.0"	WOOD	6 GW / 3 Guy Anchor
04170	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /			SIG SCDOT			800,990.29	1,965,919.71	17'	13.0"	METAL	sig pole
P04180	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /			SIG SCDOT			801,159.11	1,965,634.89	27'	13.0"	METAL	sig pole
P04190	36159	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						801,215.36	1,965,442.55	41'	12.0"	WOOD	2 Guy Anchor
P04200	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						800,998.75	1,965,408.19	34'	12.0"	WOOD	
		Dominion OH1 SCE&G /	Dominion OH1 SCE&G /											
P04210	45191	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						800,860.37	1,965,382.28	37'	13.0"	WOOD	TRANSFORMER
P04211	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						800,871.84	1,965,271.65	24'	13.0"	WOOD	
P04220	271005	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						800,638.53	1,965,021.11	31'	11.0"	WOOD	STREET LIGHT
P04221	N/A	Dominion OH5 Unknown	Dominion				SIG SCDOT		800,522.65	1,964,934.41	40'	13.0"	WOOD	STREETLIGHT, TRANSFORMER
P04222	N/A	Owner	OH1 SCE&G /						800,689.44	1,965,026.81	13'	6.0"	WOOD	NO ATTACHMENT
P04230	303797	OH1 SCE&G / Dominion	Dominion						800,735.24	1,964,741.63	34'	13.0"	WOOD	
P04231	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						800,794.15	1,964,701.13	16'	6.0"	WOOD	
P04240	N/A	OH5 Unknown Owner	OH3 Mid Carolina						801,436.78	1,964,739.30	25'	11.0"	WOOD	STREETLIGHT
P04250	N/A	OH3 Mid Carolina	OH3 Mid Carolina						801,488.11	1,964,796.07	32'	13.0"	WOOD	TRANSFORMER
P04260	N/A	OH5 Unknown Owner	OH3 Mid Carolina						801,532.30	1,964,757.96	36'	13.0"	WOOD	
P04310	N/A	OH3 Mid Carolina	OH3 Mid Carolina	OH9 Spirit / SEGRA					800,496.47	1,962,317.14	39'	13.0"	WOOD	
P04320	1561137	OH3 Mid Carolina	OH3 Mid Carolina						800,260.86	1,962,580.90	40'	13.0"	WOOD	
P04321	N/A	OH5 Unknown Owner	OH3 Mid Carolina						800,297.78	1,962,568.19	16'	4.0''	WOOD	
P04330	N/A	OH3 Mid	OH3 Mid	OH9 Spirit /					800,242.73	1,962,581.03	48'	13.0"	WOOD	
P04340	43393	Carolina OH1 SCE&G /	Carolina OH1 SCE&G /	SEGRA					800,237.34	1,962,565.30	44'	13.0"	WOOD	
P04350	N/A	Dominion OH3 Mid	Dominion OH3 Mid						800,256.51	1,962,551.71	32'	13.0"	WOOD	
P04360	43394	Carolina OH1 SCE&G /	Carolina OH1 SCE&G /						800,398.46	1,962,300.23	41'	13.0"	WOOD	
		Dominion OH3 Mid	Dominion OH3 Mid											
P04370	N/A	Carolina OH3 Mid	Carolina OH3 Mid						800,094.92	1,962,519.91	42'	13.0"	WOOD	
P04390	1561033	Carolina OH3 Mid	Carolina OH3 Mid						800,246.10	1,962,306.17	38'	13.0"	WOOD	
P04400	N/A	Carolina OH1 SCE&G /	Carolina OH1 SCE&G /	OH11					800,357.45	1,962,148.24	34'	12.0"	WOOD	
P04410	553981	Dominion	Dominion	CenturyLink /					799,973.12	1,962,744.41	47'	13.0"	WOOD	
P04411	N/A	OH1 SCE&G / Dominion							799,973.92	1,962,742.51	19'	13.0"	WOOD	
P04420	269832	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH11 CenturyLink /					799,750.37	1,962,947.22	49'	12.0"	WOOD	
P04430	565046	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH11 CenturyLink /					799,653.86	1,963,240.84	57'	14.0"	WOOD	
P04440	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						799,567.93	1,963,498.36	25'	11.0"	WOOD	
P04450	269830	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH11 CenturyLink /		SIG SCDOT			799,567.02	1,963,503.29	24'	8.0''	WOOD	
P04460	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						799,588.57	1,963,496.89	24'	11.0"	WOOD	
P04470	N/A	SIG SCDOT	Dominion			SIG SCDOT			799,718.88	1,963,306.09	30'	11.0"	WOOD	
P04480	N/A	SIG SCDOT				SIG SCDOT			799,838.26	1,963,073.36	30'	11.0"	WOOD	
P04490	1561111	OH3 Mid	OH3 Mid	OH9 Spirit /					800,113.63	1,962,870.96	47'	11.0"	WOOD	
P04500	N/A	Carolina OH3 Mid	Carolina OH3 Mid	SEGRA OH9 Spirit /					800,004.02	1,963,147.25	37'	11.0"	WOOD	TRANSFORMER
		Carolina	Carolina	SEGRA										
P04501	N/A	SIG SCDOT OH3 Mid	OH3 Mid	OH9 Spirit /			SIG SCDOT		799,913.20	1,963,146.48	52'	19.0"	CONCRET	
P04510	N/A	Carolina OH3 Mid	Carolina OH3 Mid	SEGRA OH9 Spirit /					799,878.08	1,963,477.63	44'	12.0"	WOOD	
P04520	N/A	Carolina OH3 Mid	Carolina OH3 Mid	SEGRA					799,785.15	1,963,706.94	46'	14.0"	WOOD	
P04530	N/A	Carolina OH3 Mid	Carolina OH3 Mid	OHQ Spirit /					799,790.84	1,963,711.18	46'	13.0"	WOOD	
P04540	N/A	Carolina	Carolina	OH9 Spirit / SEGRA					799,632.26	1,963,811.44	48'	13.0"	WOOD	
P04541	1561117	OH3 Mid Carolina	OH3 Mid Carolina						799,465.20	1,963,813.36	46'	13.0"	WOOD	
P04550	N/A	OH3 Mid Carolina	OH3 Mid Carolina						799,634.93	1,963,818.87	48'	13.0"	WOOD	
P04560	269829	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH11 CenturyLink /					799,472.87	1,963,792.89	54'	12.0"	WOOD	
P04570	N/A	OH3 Mid Carolina	OH3 Mid Carolina						799,469.17	1,963,806.31	48'	13.0"	WOOD	
P04580	1561154	OH3 Mid Carolina	OH3 Mid Carolina	OH9 Spirit / SEGRA					799,465.41	1,963,818.57	47'	13.0"	WOOD	
P04590	268972	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						799,221.00	1,963,638.65	32'	13.0"	WOOD	
P04591	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						799,165.12	1,963,463.40	32'	13.0"	WOOD	
P04600	296436	OH1 SCE&G /	OH1 SCE&G /	OH11	OH8				799,820.82	1,963,724.18	33'	12.0"	WOOD	
P04610	296437	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	OH11	Spectrum/Time OH8				799,588.98	1,963,875.60	34'	11.0"	WOOD	
P04620	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	OH11	Spectrum/Time OH8	SIG SCDOT			799,406.38	1,963,998.45	57'	13.0"		
		Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	CenturyLink / OH11	Spectrum/Time OH8								14/005	
P04630	140896	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time OH8	SIG SCDOT			799,334.21	1,964,217.44	51'	13.0"	WOOD	
P04640	3038480	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time OH8				799,594.75	1,964,271.41	27'	12.0"	WOOD	STREET LIGHT
P04650	317424	Dominion	Dominion		Spectrum/Time	SIG SCDOT			799,280.95	1,964,411.71	45'	13.0"	WOOD	
	303802	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						799,520.82	1,964,037.34	36'	12.0"	WOOD	
P04660			OH1 SCE&G /								27'	9.0"		
	308480	OH1 SCE&G / Dominion	Dominion						799,554.21	1,964,220.44	27	9.0	WOOD	LIGHT
P04660 P04670 P04820	308480 645723								799,554.21 796,867.98	1,964,220.44	38'	11.0"	WOOD	LIGHT

REV. NO.	ΒY	DATE	DESCRIPTION OF REVISION	SOUTH CAROLIN OF TRANSP	
4				ROAD DESIGN	COLUMBIA, S.C.
3					
2					
1				UTILITY AND PO	LE DATA SHEET
1					
INITIAL				NOT TO SCALE	DWG: CCR_PH1_SHT_U4D

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD NO.	SHEET NO.
3	S.C.	RICHLAND / LEXINGTON	P039718	I-26/I-20/I-126	U4D

POLE ID	OWNER ID	POLE OWNER		1	RIDING UTILITIE	S & OWNERS	1		NORTHING	EASTING	HEIGHT	DIAMETER	POLE	MSC. NOTES
No.	No.		ELECTRIC	TELEPH.	CABLE TV	TRAFFIC	CAMERA	OTHERS	NORTHING	LASTING	ncioni	DIAIVIETER	MATERIAL	WISC. NOTES
P04920	C-14050	OH5 Unknown Owner	OH1 SCE&G / Dominion	OH7 AT&T	OH8 Spectrum/Time				802,105.52	1,968,564.61	33'	10.0''	WOOD	STREETLIGHT, TRANS
P04930	C-5641	OH7 AT&T	OH1 SCE&G / Dominion	OH7 AT&T	OH8 Spectrum/Time				801,925.43	1,968,574.58	32'	10.0"	WOOD	
P04950	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH7 AT&T	OH8 Spectrum/Time				801,989.31	1,968,766.07	33'	10.0"	WOOD	TRANSFORMER
P04970	N/A	OH5 Unknown Owner OH5 Unknown	OH1 SCE&G / Dominion OH1 SCE&G /						802,232.70	1,969,197.21	27'	12.0"	WOOD	E METER
P04971	159	Owner OH1 SCE&G /	Dominion OH1 SCE&G /						802,179.06	1,968,949.98	30'	9.0"	WOOD	STREETLIGHT
P04972	601366	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						802,040.96	1,968,957.79	28'	9.0''	WOOD	
P04973	554749	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		OH8				802,025.05	1,968,912.20	22'	9.0"	WOOD	STREETLIGHT
P04974	122467	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	OH7 AT&T	Spectrum/Time				802,064.38	1,968,814.98	23'	10.0"	WOOD	
P04980	277320	Dominion OH5 Unknown	Dominion OH1 SCE&G /	OH7 AT&T					802,172.51	1,969,225.69	23'	6.0"	WOOD	STREETLIGHT
P04990 P05000	158 182	Owner OH5 Unknown	Dominion OH1 SCE&G /	OH7 AT&T	OH8				802,053.80	1,969,256.56	23'	7.0" 8.0"	WOOD	STREETLIGHT
F 03000	102	Owner	Dominion	OH9 Spirit /	Spectrum/Time				802,072.07	1,969,167.57	23'	0.0	WOOD	
P05010	N/A	OH1 SCE&G /	OH1 SCE&G /	SEGRA					802,042.41	1,969,059.42	24'	9.0"	WOOD	
P05020	C-13432	Dominion OH5 Unknown	Dominion OH1 SCE&G /	OH7 AT&T	OH8				802,003.92	1,969,105.84	32'	10.0"	WOOD	TRANSFORMER
P05060	N/A	Owner OH5 Unknown	Dominion OH1 SCE&G /	OH7 AT&T	Spectrum/Time OH8				802,048.09	1,969,762.89	33'	12.0"	WOOD	TRANSFORMER
P05070	N/A	Owner OH5 Unknown	Dominion OH1 SCE&G /		Spectrum/Time				802,053.37	1,969,961.41	33'	12.0"	WOOD	TRANSFORMER
P05090	C14973	Owner OH5 Unknown	Dominion OH1 SCE&G /	OH7 AT&T	OH8				802,056.79	1,970,164.19	34'	12.0"	WOOD	TRANS
P05091	N/A	Owner OH5 Unknown Owner	Dominion OH1 SCE&G /		Spectrum/Time				802,158.38	1,970,212.54	34'	9.0"	WOOD	
P05100	C14974	Owner OH5 Unknown Owner	Dominion OH1 SCE&G / Dominion						802,059.03	1,970,361.40	34'	11.0"	WOOD	TRANS
P05160	162	Owner OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						802,672.93	1,969,426.24	33'	11.0"	WOOD	2 PVT, TRANSFORMER
P05170	617717	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						802,490.15	1,969,429.06	36'	10.0''	WOOD	PVT LIGHT
P05190	224772	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						802,478.17	1,969,627.13	32'	10.0"	WOOD	2 PVT LIGHTS
P05200	N/A	SIG SCDOT	OH1 SCE&G / Dominion						802,415.36	1,969,760.28	30'	10.0"	CONCRET	E METER
P05210	224773	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						802,484.65	1,969,871.49	29'	9.0"	WOOD	2PVT LIGHTS
P05220	345203	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				802,489.45	1,970,000.80	29'	10.0''	WOOD	2PVT LIGHT
P05221	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						802,492.95	1,970,014.19	13'	6.0"	WOOD	E METER
P05240	298929	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time	SIG SCDOT			803,538.17	1,970,697.57	48'	14.0"	WOOD	LIGHT, 2X PED X
				OH11 CenturyLink /										
P05250	421622	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH7 AT&T	0110				803,405.97	1,970,711.94	42'	13.0"	WOOD	
P05260	157328	OH1 SCE&G / Dominion OH1 SCE&G /	OH1 SCE&G / Dominion OH1 SCE&G /	OH7 AT&T	OH8 Spectrum/Time OH8				803,311.75	1,970,813.03	36'	10.0"	WOOD	3 TRANS
P05261	545259	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time				803,243.83	1,970,741.59	25'	12.0"	WOOD	
P05270	640399	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		OH8				803,225.30	1,970,720.84	37'	13.0"	WOOD	2 TRANS
P05280	225676	Dominion OH5 Unknown	Dominion OH1 SCE&G /	OH7 AT&T	Spectrum/Time				803,200.55	1,970,941.58	36'	13.0"	WOOD	
P05281	C39451	Owner OH5 Unknown	Dominion						803,157.92	1,970,990.39	24'	10.0"	WOOD	2 PVT LIGHTS
P05290 P05300	N/A 225675	Owner OH1 SCE&G /	OH1 SCE&G /		OH8			GW	803,113.68	1,971,039.00	23' 37'	13.0" 13.0"	WOOD	
P05301	N/A	Dominion OH5 Unknown	Dominion OH1 SCE&G /		Spectrum/Time OH8				803,087.91	1,971,020.32	27'	9.0"	WOOD	2 PVT LIGHTS
P05320	421610	Owner OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time	SIG SCDOT			803,058.25	1,971,100.55	27'	10.0"	WOOD	PD CAMERA BOX
P05330	214397	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	OH7 AT&T	OH8	SIG SCDOT			803,372.22	1,970,872.10	42'	13.0"	WOOD	
		Dominion	Dominion	OH11	Spectrum/Time					_,,,,,,,,,,,,,				
P05331	C-24333	OH7 AT&T		CenturyLink / OH7 AT&T					803,466.86	1,970,767.61	26'	9.0"	WOOD	
P05340	335206	OH1 SCE&G /	OH1 SCE&G /		OH8 Spectrum/Time				803,476.38	1,971,025.99	41'	11.0"	WOOD	3 TRANS, PVT LIGHT
P05350	421619	Dominion OH1 SCE&G / Dominion	Dominion OH1 SCE&G / Dominion	OH7 AT&T	Spectrum/Time OH8 Spectrum/Time	SIG SCDOT		GW	803,168.97	1,971,091.06	46'	13.0"	WOOD	TRANS, STREETLIGHT
		Common	50mm0n	OH11 CenturyLink /	spectrumy mile									
P05360	545260	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH7 AT&T					803,306.61	1,971,161.88	23'	10.0"	WOOD	E BOX
P05380	421620	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH7 AT&T	OH8 Spectrum/Time	SIG SCDOT			802,967.34	1,971,367.33	46'	13.0"	WOOD	
				OH11 CenturyLink /	,									
P05390	90976	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH7 AT&T					803,054.69	1,971,539.74	37'	12.0"	WOOD	
				OH11 CenturyLink /										
P05420	421621	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH7 AT&T	OH8 Spectrum/Time	SIG SCDOT			802,775.08	1,971,600.40	40'	13.0"	WOOD	ANTENNA
			0	OH11 CenturyLink /										
P05430	N/A	SIG SCDOT	OH1 SCE&G / Dominion			SIG SCDOT			802,597.06	1,971,794.39	26'	13.0"	WOOD	
P05431	N/A	SIG SCDOT			0110		SIG SCDOT		802,585.01	1,971,749.00	46'	19.0"	CONCRET	
P05440	563773	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH7 AT&T OH11 CenturyLink /	OH8 Spectrum/Time	SIG SCDOT			802,578.20	1,971,839.23	45'	13.0"	WOOD	
P05450	563774	OH5 Unknown Owner	OH1 SCE&G / Dominion		OH8 Spectrum/Time				802,609.11	1,972,116.65	48'	13.0''	WOOD	
P05470	219942	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				802,772.89	1,972,358.90	46'	13.0"	WOOD	
P05480	N/A	OH5 Unknown Owner			OH8 Spectrum/Time				802,908.01	1,972,553.36	33'	12.0''	WOOD	
P05490	219943	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				802,907.10	1,972,553.98	42'	13.0"	WOOD	TRANSFORMER
P05500	475167	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						802,920.69	1,972,598.79	28'	9.0"	WOOD	2 PVT LIGHTS
			RIPTION											

COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE
	a) Reference the Utility Unique Identifier (UUI)	E1, G1, OH15	STATION	a) Reference the station of the begin & end of linear utility	01+23 - 45+67		Reference utility owner by name or by Owner Ref Abbr	LOCAL POWER CO
UTILITY	b) Reference Sewer Manhole Number (SMN)	S001, SMH-02	RANGE	b) Reference the station location of utility appurtenance	01+23	OWNERSHIP	From Title Sheet	LPC
	c) Reference Utility Information Tags (UIT)	U001, U05		c) Reference the station location of mahole	01+23			
POLE	Reference the Utility Pole ID Number	P001, P25	OFFSET	a) Reference the offset of the begin & end of linear utility	15R - 15R		Reference Owner Number, Height,	DPC123, 35', 12", WOOD
FOLL		1001,125	UTISET	a) Reference the offset of the begin & end of finear durity	1311-1311		Diameter, and Material of pole	DFC123, 33, 12, WOOD
	Reference the Alignment used for stationing		RANGE	b) Reference the offset location of utility appurtenance	25L	POLE DATA		
ALIGNMENT	Use design alignments when available			c) Reference the offset location of manhole	25L			
ROUTE		MAIN ST.	ITEM IN	a) Reference utility type, size, & material	TELEPHONE, COPPER / GAS 6" DI	REMARKS	a) Further details including capacity, etc.	
RD	~All geometric data used will be referenced to the project	MAIN ST RELOC	PLACE	b) Reference the utility appurtenance type	U/G PEDESTAL	MISC NOTES	b) List Sewer rims and invert elevations	RIM=123.45, INV IN=123.45
								INV OUT=123.45
	datum~			c) Reference manhole	SEWER MH		c) List details and desc, sizes, record information, etc.	RECORDS SHOW INFO

POLE ID	OWNER ID	POLE OWNER			RIDING UTILITIE	S & OWNERS			NORTHING	EASTING	HEIGHT	DIAMETER	POLE	MSC. NOTES
No.	No.		ELECTRIC	TELEPH.	CABLE TV	TRAFFIC	CAMERA	OTHERS	NORTHING	EASTING		DIAIVIETER	MATERIAL	IVISC. NOTES
P05510	392861	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						802,799.45	1,972,586.87	22'	9.0''	WOOD	2 PVT LIGHTS
P05520	31960	OH1 SCE&G /	OH1 SCE&G /		OH8				802,962.81	1,972,646.22	31'	12.0"	WOOD	
P05530	219944	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time OH8				803,021.59	1,972,744.86	34'	10.0"	WOOD	
	415603	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time									
P05540		Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						802,992.70	1,972,747.46	27'	9.0"	WOOD	PVT LIGHT
P05541	392860	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						802,800.39	1,972,740.98	29'	9.0''	WOOD	2 PVT LIGHTS
P05550	268934	Dominion	Dominion	OH7 AT&T	0110				803,106.46	1,972,915.65	37'	12.0"	WOOD	
P05620	219947	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				803,387.16	1,973,473.07	32'	12.0"	WOOD	
P05621	N/A	SIG SCDOT	OH1 SCE&G / Dominion						803,462.77	1,973,438.06	23'	12.0"	CONCRET	E METER
P05720	345191	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						804,302.21	1,975,360.73	26'	9.0''	WOOD	pvt light
P05730	345190	OH1 SCE&G /	OH1 SCE&G /						804,386.84	1,975,500.52	24'	9.0''	WOOD	pvt light
P05740	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						804,400.72	1,975,551.57	24'	9.0''	WOOD	pvt light
P05761	N/A	Dominion SIG SCDOT	Dominion				SIG SCDOT		804,898.48	1,976,218.80	48'	19.0"	CONCRET	
			OH1 SCE&G /											
P05762	N/A	SIG SCDOT OH1 SCE&G /	Dominion OH1 SCE&G /						804,864.72	1,976,231.08	15'	6.0''	WOOD	E METER
P05763	473103	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		OH8				804,754.17	1,976,261.02	28'	9.0''	WOOD	
P05770	C-37408	Dominion	Dominion	OH7 AT&T	Spectrum/Time				803,418.96	1,972,768.89	33'	12.0"	WOOD	
P05780	C-37407	OH5 Unknown Owner	OH1 SCE&G / Dominion	OH7 AT&T	OH8 Spectrum/Time				803,593.46	1,972,702.64	37'	12.0"	WOOD	TRANSFORMER
P05790	N/A	OH5 Unknown Owner	OH1 SCE&G / Dominion	OH7 AT&T	OH8 Spectrum/Time				803,490.32	1,972,948.58	34'	12.0"	WOOD	PVT LIGHT, TRANS
P05800	N/A	OH5 Unknown Owner	OH1 SCE&G / Dominion	OH7 AT&T	OH8 Spectrum/Time				803,573.54	1,973,114.14	34'	12.0"	WOOD	TRANSFORMER
P05810	N/A	OH5 Unknown	OH1 SCE&G /	OH7 AT&T	OH8				803,654.46	1,973,274.97	33'	12.0"	WOOD	TRANSFORMER
P05811	195763	Owner OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time				803,775.66	1,973,205.03	23'	8.0''	WOOD	STREETLIGHT
P05820	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	OH7 AT&T	OH8				803,731.58	1,973,434.45	30'	9.0"	WOOD	TRANSFORMER
		Dominion OH5 Unknown	Dominion OH1 SCE&G /		Spectrum/Time OH8									
P05830	N/A	Owner OH5 Unknown	Dominion OH1 SCE&G /	OH7 AT&T	Spectrum/Time OH8				803,813.41	1,973,594.70	34'	9.0''	WOOD	TRANSFORMER
P05840	N/A	Owner	Dominion	OH7 AT&T	Spectrum/Time				803,897.66	1,973,753.62	34'	11.0"	WOOD	TRANSFORMER
P05850	N/A	OH5 Unknown Owner	OH1 SCE&G / Dominion	OH7 AT&T	OH8 Spectrum/Time				803,976.65	1,973,916.90	34'	10.0"	WOOD	TRANSFORMER
P05851	170383	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						804,107.15	1,973,830.65	22'	9.0''	WOOD	STREETLIGHT
P05860	N/A	OH5 Unknown Owner	OH1 SCE&G / Dominion	OH7 AT&T	OH8 Spectrum/Time				804,060.11	1,974,086.70	33'	10.0"	WOOD	TRANS
P05861	N/A	OH5 Unknown Owner	OH1 SCE&G / Dominion						804,161.62	1,974,028.45	24'	9.0''	WOOD	
P05862	N/A	OH5 Unknown	OH1 SCE&G /						804,087.84	1,973,996.71	25'	10.0"	WOOD	PVT LIGHT
P05870	N/A	Owner OH5 Unknown	Dominion OH1 SCE&G /	OH7 AT&T	OH8				804,183.99	1,974,327.17	34'	10.0"	WOOD	TRANSFORMER
		Owner OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time									
P05871	183494	Dominion OH5 Unknown	Dominion OH1 SCE&G /	<b>.</b> =	OH8				804,308.34	1,974,269.92	22'	8.0"	WOOD	STREETLIGHT
P05880	N/A	Owner OH5 Unknown	Dominion OH1 SCE&G /	OH7 AT&T	Spectrum/Time OH8				804,263.03	1,974,486.51	32'	8.0''	WOOD	PVT LIGHT, TRANS
P05890	N/A	Owner	Dominion	OH7 AT&T	Spectrum/Time				804,343.48	1,974,646.12	32'	11.0"	WOOD	TRANSFORMER
P05900	183493	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						804,459.44	1,974,592.19	23'	8.0''	WOOD	streetlight
P05910	N/A	OH5 Unknown Owner	OH1 SCE&G / Dominion	OH7 AT&T	OH8 Spectrum/Time				804,433.21	1,974,827.18	32'	12.0"	WOOD	TRANSFORMER
P05911	N/A	OH5 Unknown Owner	OH1 SCE&G / Dominion						804,407.04	1,974,763.67	23'	8.0''	WOOD	
P05920	N/A	OH5 Unknown	OH1 SCE&G /	OH7 AT&T	OH8				804,537.41	1,975,033.01	31'	10.0"	WOOD	trans
P05921	N/A	Owner OH5 Unknown	Dominion OH1 SCE&G /	OH7 AT&T	Spectrum/Time OH8				804,569.66	1,974,995.53	28'	8.0"	WOOD	streetlight
	-	Owner OH5 Unknown	Dominion OH1 SCE&G /		Spectrum/Time				· · · · · · · · · · · · · · · · · · ·					
P05922	N/A	Owner OH5 Unknown	Dominion OH1 SCE&G /	OH7 AT&T	OH8				804,638.93	1,975,016.27	26'	8.0"	WOOD	
P05930	N/A	Owner	Dominion	OH7 AT&T	Spectrum/Time				804,649.58	1,975,251.38	31'	10.0"	WOOD	pvt light, trans
P05940	N/A	OH5 Unknown Owner	OH1 SCE&G / Dominion	OH7 AT&T	OH8 Spectrum/Time				804,727.77	1,975,410.57	31'	10.0"	WOOD	transformer

REV. NO.	ΒY
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INITIAL	

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD NO.	SHEET NO.
3	S.C.	RICHLAND / LEXINGTON	P039718	I-26/I-20/I-126	U4E

ВҮ	DATE	DESCRIPTION OF REVISION	OF TRAN	INA DEPARTMENT SPORTATION
			ROAD DESIGN	COLUMBIA, S.C.
			- UTILITY AND	POLE DATA SHEET
			NOT TO SCALE	DWG: CCR_PH1_SHT_U4E

	<b>RIDING UTIL</b>	ITIES & OWNERS	6				P						RIDING UTILI	TIES & OWNER	S					DOLE	
No. POLE OWNER ELECTRIC TELEF			CAMERA OTHERS	NORTHING	EASTING	HEIGHT DIA		TERIAL MSC. NOTES	POLE ID C No.	OWNER ID No.	POLE OWNER					NORTHING	EASTING	HEIGHT	DIAMETER	POLE MATERIAL	MSC. NOTES
O 195215 OH1 SCE&G / OH1 SCE&G / Dominion Dominion				804,856.82	1,975,351.66	24'	9.0'' W	OOD steetlight			OH1 SCE&G /	OH1 SCE&G /	TELEPH. CABLE TV	TRAFFIC	CAMERA OTH						
D N/A OH5 Unknown OH1 SCE&G / Owner Dominion OH7 A	&T OH8 Spectrum/Tin	ne		804,814.77	1,975,580.72	30'	19.0'' W	OOD pvt light	P06500	571502	Dominion	Dominion				799,723.78	1,967,212.62	26'	9.0"	WOOD	STREETLIGHT
) N/A OH5 Unknown OH1 SCE&G / Owner Dominion OH7 A	0110			804,902.84	1,975,735.80	32'	10.0'' W	OOD transformer	P06511	244525	Dominion	OH1 SCE&G / Dominion				800,187.41	1,967,397.61	23'	9.0"	WOOD	STREETLIGHT
0 N/A SIG SCDOT		SIG SCDOT		802,363.88	1,971,862.36	24'	10.0'' W	OOD	P06550	138767	OH1 SCE&G /	OH1 SCE&G / Dominion	OH7 AT&T Spectrum/Time	2		799,826.07	1,967,563.13	34'	10.0"	WOOD	STREETLIGHT
OH1 SCE&G / OH1 SCE&G / Dominion Dominion				802,188.58	1,971,861.84	32'	10.0'' W	OOD LIGHT, TRANS	P06560	169158	OH1 SCE&G /	OH1 SCE&G /	OH8			799,494.07	1,967,571.70	31'	10.0"		
0 486028 OH1 SCE&G / OH1 SCE&G / Dominion Dominion				802,171.60	1,972,060.57	29'	9.0'' W	OOD 2 pvt lights			Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	Spectrum/Time OH8			· · · · ·					STREETLIGHT, TRANSFORMER
D N/A OH5 Unknown Owner	OH8 Spectrum/Tin	ne		802,170.04	1,972,068.98	29'	9.0'' W	OOD		401959	Dominion OH1 SCE&G /	Dominion	Spectrum/Time	SIG SCDOT		799,652.16	1,967,737.35	46'	13.0"	WOOD	
O 440706 OH1 SCE&G / OH1 SCE&G / OH7 A	&T OH8 Spectrum/Tin	SIG SCDOT		802,240.01	1,972,140.46	42'	13.0'' W	OOD	P06590	260386	Dominion	Dominion				799,719.01	1,967,753.84	20'	8.0"	WOOD	
OH1 Centuryl									P06600	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion				799,793.33	1,967,757.17	21'	10.0"	WOOD	
OH13 SC Fiber O									P06610	N/A	OH5 Unknown	OH1 SCE&G /	OH8			799,401.93	1,967,846.33	41'	13.0"	WOOD	STREETLIGHT
1 159785 OH1 SCE&G / OH7 A	'&т			802,168.54	1,972,203.49	21'	10.0'' W	OOD		317412	Owner OH1 SCE&G /	Dominion OH1 SCE&G /	Spectrum/Time	2		799,395.40		22'	7.0''		
D N/A OH1 SCE&G / OH1 SCE&G / Dominion Dominion				802,280.75	1,972,150.27	16'	5.0'' W	OOD E METER				Dominion OH1 SCE&G /				· · · · ·				WOOD	
O 306244 OH1 SCE&G / OH1 SCE&G / OH7 A Dominion Dominion	&т			802,339.88	1,972,245.88	33'	10.0'' W	OOD TRANSFORMER	P06620	430419	Dominion	Dominion				799,486.46	1,967,725.83	27'	9.0"	WOOD	STREETLIGHT
0 215253 OH1 SCE&G / OH1 SCE&G / OH7 A	&T OH8 Spectrum/Tin	ne		801,984.46	1,972,059.44	35'	10.0'' W	OOD transformer	P06630	309816	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion				799,416.74	1,968,116.08	40'	11.0"	WOOD	TRANSFORMER, PTV LIGHT
OH1 Centuryl									P06631	601757		OH1 SCE&G /				799,454.12	1,968,000.28	29'	9.0"	WOOD	
OH13 \$C Fiber O									P06632	N/A	SIG SCDOT	Dominion			SIG SCDOT	799,457.82	1,968,236.26	48'	19.0''	CONCRET	
O 319410 OH2 Santee OH1 SCE&G / Cooper Dominion OH7 A	&T OH8 Spectrum/Tin	ne		802,056.45	1,972,303.74	42'	13.0" W	OOD		-	OH1 SCE&G /	OH1 SCE&G /	OH8		310 30001	· · · · ·					
OH1 Centuryl	L								P06640	130085	Dominion	Dominion	Spectrum/Time	e		799,303.53	1,968,031.87	31'	10.0"	WOOD	2 PVT LIGHT
OH13 SC Fiber O	E&G								P06650	N/A		OH1 SCE&G / Dominion				799,408.02	1,968,194.94	25'	9.0''	WOOD	
D 534385 OH1 SCE&G / OH1 SCE&G / OH1 Dominion Dominion Century	L			802,080.95	1,972,402.36	32'	10.0'' W	OOD	P06651	N/A	SIG SCDOT					799,407.39	1,968,216.97	121'	18.0''	METAL	
0 170346 OH1 SCE&G / OH1 SCE&G / Dominion Dominion	OH8 Spectrum/Tin			801,836.18	1,972,296.34	23'	9.0'' W	OOD PVT LIGHTS	P06660		SIG SCDOT			SIG SCDOT		799,632.00			11.0''	WOOD	
O 90521 OH5 Unknown Owner		SIG SCDOT		801,879.11	1,972,375.42	27'	10.0'' W	OOD				OH1 SCE&G /	OH11 OH8			· · · · · · · · · · · · · · · · · · ·					
1 N/A OH12 Unknown OH1 SCE&G / Owner Telecom Dominion				801,928.95	1,972,313.62	35'	13.0'' W	OOD ANTENNA	P06670		Dominion	Dominion	CenturyLink / Spectrum/Time	2		799,623.75	1,968,044.16	52'	14.0''	WOOD	
2 158401 OH1 SCE&G / OH1 SCE&G / Dominion Dominion		SIG SCDOT		801,875.36	1,972,370.97	40'	13.0'' W	OOD PVTLIGHT	P06680			OH1 SCE&G / Dominion	OH8 Spectrum/Time	2		799,895.58	1,968,338.72	50'	13.0"	WOOD	7 Guy Anchor / PRIV. LT
0 158402 OHI SCE&G / OHI SCE&G /	OH8 Spectrum/Tin	SIG SCDOT		801,813.58	1,972,439.08	42'	11.0'' W	OOD STREETLIGHT, PD CAMERA BOX	P06690			OH1 SCE&G / Dominion	OH8 Spectrum/Time			799,945.17	1,968,382.33	31'	10.0"	WOOD	Guy Anchor / TRANSF.
O 115871 OH1 SCE&G / OH1 SCE&G / Dominion Dominion	OH8 Spectrum/Tin			801,760.50	1,972,273.53	34'	12.0'' W	OOD PVT LIGHT TRANSFORMER	P06691		OH1 SCE&G /	Dominion	OH7 AT&T	3		799,941.76	1,968,381.64	20'	10.0''	WOOD	
0 440705 OH1 SCE&G / OH1 SCE&G / OH7 A	·&T OH8 Spectrum/Tin			801,931.70	1,972,434.75	41'	12.0'' W	OOD TRANSFORMER			Dominion OH1 SCE&G /	OH1 SCE&G /	ОНЯ								
OH1 Century	L								P06692		Dominion	Dominion	UH/AI&I Sportrum/Tim/	9		799,862.55	1,968,390.65	27'	10.0"	WOOD	
C 227117 OH1 SCE&G / OH1 SCE&G / Dominion Dominion				801,915.01	1,972,503.92	23'	9.0'' W	OOD STREETLIGHT	P06700	CO12950	Dominion	Dominion	OH7 AT&T Spectrum/Time Spectrum/Time	2		800,125.28	1,968,382.31	31'	11.0"	WOOD	
D N/A OH1 SCE&G / OH1 SCE&G / Dominion				802,266.60	1,972,752.78	22'	7.0'' W	OOD STREETLIGHT	P06710		OH5 Unknown	OH1 SCE&G / Dominion				799,922.97	1,968,303.57	23'	8.0"	WOOD	E Box / E. Meter
1 N/A OH1 SCE&G / OH1 SCE&G / Dominion Dominion				802,199.40	1,972,734.08	24'	8.0'' W	OOD	P06720 309		OH1 SCE&G /	OH1 SCE&G /				799,794.74	1,968,496.19	49'	11.0"	WOOD	8 Guy Anchor
0 298870 OH1 SCE&G / OH1 SCE&G / Dominion Dominion				802,369.43	1,972,814.71	30'	9.0'' W	OOD			Dominion	Dominion OH1 SCE&G /	CenturyLink / Spectrum/Time	2							
O N/A OH5 Unknown OH1 SCE&G / OH7 A Owner Dominion	·&T OH8 Spectrum/Tin	ne		801,813.08	1,972,560.37	46'	12.0" W	OOD PD CAMERA BOX	P06730		Dominion	Dominion	0111			799,797.96	1,968,546.79	23'	9.0"	WOOD	Streen Light
OH1 Centuryl	L								P06740			OH1 SCE&G / Dominion	OH11 OH8 CenturyLink / Spectrum/Time	9		799,713.42	1,968,617.91	41'	12.0"	WOOD	E BOX
O N/A OH5 Unknown OH1 SCE&G / Owner Dominion	OH8 Spectrum/Tin	ne		801,700.44	1,972,551.65	34'	13.0'' W	OOD PVT LIGHT	P06741	N/A	OH5 Unknown Owner					799,691.48	1,968,602.89	40'	12.0"	WOOD	SIREN
1 158403 OH1 SCE&G / OH1 SCE&G / Dominion Dominion	OH8 Spectrum/Tin		GW	801,695.49	1,972,560.60	41'	13.0'' W	OOD	P06742		OH1 SCE&G /	OH1 SCE&G /				799,715.04	1,968,725.59	23'	8.0"	WOOD	LIGHT
2 N/A OH5 Unknown OH1 SCE&G / Owner Dominion				801,634.03	1,972,433.52	41'	13.0'' W	OOD				Dominion OH1 SCE&G /	OH11 OH8								
0 218035 OH1 SCE&G / OH1 SCE&G / Dominion Dominion	OH8 Spectrum/Tin			801,622.21	1,972,421.04	31'	10.0'' W	OOD 3 TRANS, PVT LIGHT	P06750	292219	Owner		CenturyLink / Spectrum/Time	2		799,624.93	1,968,742.54	36'	11.0"	WOOD	TRANSFORMER
0 218034 OH1 SCE&G / OH1 SCE&G / OH7 A	·&T	SIG SCDOT	GW	801,750.38	1,972,625.13	28'	9.0'' W	OOD PVT LIGHT	P06760			Dominion				799,489.80	1,968,933.89	42'	13.0"	WOOD	TRANSFORMER
OH1 Centuryl									P06761			OH1 SCE&G /	OH11 OH8 CenturyLink / Spectrum/Time	SIG SCDOT		799,489.40	1,968,932.58	31'	13.0"	WOOD	
OH1 SCE&G / OH1 SCE&G / OH7 A		SIG SCDOT		801,661.60	1,972,693.00	43'	12.0'' W	OOD PVT LIGHT	P06762		OH1 SCE&G /	OH1 SCE&G /		-		799,523.80	1,968,928.88	23'	8.0"	WOOD	
OH1												Dominion OH1 SCE&G /	OH8			,					
O N/A OH5 Unknown Owner Centuryl	OH8	20		801,523.19	1,972,704.75	41'	13.0'' W	OOD	P06770		Dominion	Dominion	Spectrum/Time	2		799,555.06	, ,		11.0"	WOOD	
OH1 SCE&G / OH1 SCE&G /	Spectrum/Tin	IE			1,972,696.12			OOD STREETLIGHT, PVT LIGHT, 2 TRANS	P06780		SIG SCDOT			SIG SCDOT		799,437.22	1,968,795.88	27'	12.0"	METAL	
OH1 SCE&G / OH1 SCE&G / OH2 SCE	.&т				1,967,244.71			00D	P06790	N/A	SIG SCDOT			SIG SCDOT		799,555.71	1,968,145.55	28'	12.0"	METAL	
OH1 SCE&G / OH1 SCE&G / OH7 SCE								OOD	P06800			OH1 SCE&G /		SIG SCDOT		799,313.10	1,968,986.15	36'	13.0''	WOOD	
OH1 SCE&G / OH1 SCE&G / OH7 A	OH8				1,967,252.98			OOD				Dominion	CenturyLink / Spectrum/Time			· · · · · · · · · · · · · · · · · · ·					
OH1 SCE&G / OH1 SCE&G / OH1 SCE	OH8				1,967,171.23			OOD STREETLIGHT	P06801	N/A	SIG SCDOT		01111 0110			799,198.01	1,968,804.22	123'	18.0"	METAL	LIGHT SET
OH1 SCE&G / OH1 SCE&G / OH1 SCE	OH8				1,966,962.63			OOD TRANSFORMER	P06810	N/A	OH5 Unknown Owner	OH1 SCE&G / Dominion	OH11 OH8 CenturyLink / Spectrum/Time	SIG SCDOT	G	w 799,280.49	1,969,180.02	40'	13.0"	WOOD	STREETLIGHT
OH1 SCE&G / OH1 SCE&G / OH1 SCE&G /	OH8				1,967,255.95			OOD LIGHT	P06811	N/A	SIG SCDOT					799,027.07	1,969,344.33	124'	18.0''	METAL	LIGHT SET
OH5 Unknown OH1 SCE&G /	Spectrum/Tin OH8				1,967,263.95			OOD LIGHT	P06820	159996	OH1 SCE&G /					799,381.86	1,969,192.68	32'	12.0"	WOOD	TRANSFORMER
571501 OH1 SCE&G / OH1 SCE&G / OH7 A	ОН8				1,967,264.19			OOD			Dominion OH5 Unknown	Dominion				,					
OH1 SCE&G / OH1 SCE&G /	Spectrum/Tin	ne			1,967,260.48			OOD STREETLIGHT	P06821	N/A	Owner				G\	w 799,381.62	1,969,191.57	22'	12.0"	WOOD	
OH1 SCE&G / OH1 SCE&G /					1,967,200.48			OOD STREETLIGHT	P06830			Dominion				799,390.85	1,969,218.80	27'	8.0''	WOOD	PVT LIGHT
420257 OH1 SCE&G / OH1 SCE&G /					1,967,198.84					159995	OH1 SCE&G /	OH1 SCE&G /	OH11 OH8 CenturyLink / Spectrum/Time	SIG SCDOT		799,242.41	1,969,412.08	49'	13.0"	WOOD	
OH1 SCE&G / OH1 SCE&G / OH7 SCE	OH8							OOD STREETLIGHT			OH1 SCE&G /	OH1 SCE&G /		=		799,455.83			9.0''		PVT LIGHT
OH1 SCE&G / OH1 SCE&G / OH7 SCE		ne			1,967,267.61			00D			Dominion	Dominion OH1 SCE&G /				· · · · · · · · · · · · · · · · · · ·					
Dominion Dominion OHT A	&I Spectrum/Tin	ne			1,967,272.85			OOD STREETLIGHT, TRANSFORMER	P06860		Dominion	Dominion	OH7 AT&T Spectrum/Time	2		799,536.97	1,969,324.39	37'	10.0"	WOOD	TRANSFORMER
OH1 SCE&G / OH1 SCE&G /	αI				1,967,209.43			OOD	P06870			OH1 SCE&G / Dominion				799,548.31	1,969,254.24	22'	9.0"	WOOD	
J 170238 Dominion Dominion	OH8				1,967,212.82			OOD STREETLIGHT	P06880	222646	OH1 SCE&G /	OH1 SCE&G /	OH8 Spectrum/Time			799,666.01	1,969,319.99	34'	10.0''	WOOD	TRANSFORMER
N/A Dominion Dominion OH1 SCE&G / OH1 SCE&G / OH7 A	Spectrum/Tin	ne		799,724.48	1,967,280.56	45'	13.0" W	OOD STREETLIGHT	P06890			Dominion OH1 SCE&G /	Spectrum/Time OH8	2		· · ·					
Centuryl									PUDX90	220104		Dominion	Spectrum/Time			799,763.12	ד,אסב,צסב'ד	37'	10.0''		STREETLIGHT, PVT LIGHT

COLUMN DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE	COLUMN DESCRIPTION	EXAMPLE	REV.				SOUTH CAROLINA DEPARTMENT
a) Reference the Utility Unique Identifier (UUI)	E1, G1, OH15	STATION	a) Reference the station of the begin & end of linear utility	01+23 - 45+67	Reference utility owner by name or by Owner Ref Abbr	LOCAL POWER CO	NO.	ΒY	DATE	DESCRIPTION OF REVISION	OF TRANSPORTATION
b) Reference Sewer Manhole Number (SMN)	S001, SMH-02	RANGE	b) Reference the station location of utility appurtenance	01+23	OWNERSHIP From Title Sheet	LPC					
c) Reference Utility Information Tags (UIT)	U001, U05		c) Reference the station location of mahole	01+23			4				ROAD DESIGN COLUMBIA, S.C.
POLE Reference the Utility Pole ID Number	P001, P25	OFFSET	a) Reference the offset of the begin & end of linear utility	15R - 15R	Reference Owner Number, Height,	DPC123, 35', 12", WOOD	2				
For Reference the officty Pole iD Number	F001, F25	OFFSET	a) Reference the onset of the begin & end of fillear utility	124 - 124	Diameter, and Material of pole	DFC123, 33, 12, WOOD					
Reference the Alignment used for stationing		RANGE	b) Reference the offset location of utility appurtenance	25L	POLE DATA		2				
INMENT Use design alignments when available			c) Reference the offset location of manhole	25L							UTILITY AND POLE DATA SHEET
DUTE	MAIN ST.	ITEM IN	a) Reference utility type, size, & material	TELEPHONE, COPPER / GAS 6	6" DI REMARKS a) Further details including capacity, etc.		1				
RD All geometric data used will be referenced to the project	MAIN ST RELOC	PLACE	b) Reference the utility appurtenance type	U/G PEDESTAL	MISC NOTES b) List Sewer rims and invert elevations	RIM=123.45, INV IN=123.45	1				
An geometrie data used win be referenced to the project		1 D KEE	by hererence the utility appartenance type		mise the res by list sewer this and invert clevations	INV OUT=123.45					
datum~			c) Reference manhole	SEWER MH	c) List details and desc, sizes, record information, etc.	RECORDS SHOW INFO	INITIAL				NOT TO SCALE DWG: CCR_PH1_S

ΡΟ	LE	DA	ΤA

TY FILE NO. ROAD SHEET NO. NO.	COUNTY	STATE	FED. RD. DIV. NO.
EXINGTON P039718 I-26/I-20/I-126 U4F	RICHLAND / LEXINGTON	S.C.	3

POLE ID	OWNER ID	POLE OWNER		1			, · · · ·		NORTHING	EASTING	HEIGHT
No.	No.		ELECTRIC	TELEPH.		TRAFFIC	CAMERA	OTHERS			
P06900	446662	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				799,724.46	1,969,155.66	37'
P06910	C-10765	OH5 Unknown Owner	OH1 SCE&G / Dominion	OH7 AT&T					799,797.91	1,969,157.70	26'
P06911	323421	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH7 AT&T					799,813.33	1,969,109.83	23'
P06920	N/A	OH5 Unknown Owner	OH1 SCE&G / Dominion	OH7 AT&T	OH8 Spectrum/Time				799,993.82	1,969,152.10	33'
P06930	564612	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8				799,719.86	1,968,971.03	34'
P06940	169116	OH5 Unknown	OH1 SCE&G /		Spectrum/Time				799,719.94	1,968,900.38	33'
P06950	84760	Owner OH5 Unknown	Dominion OH1 SCE&G /	OH7 AT&T	OH8	SIG SCDOT			799,339.96	1,969,537.32	40'
100550	04700	Owner	Dominion	OH11	Spectrum/Time	510 500 01			755,555.50	1,303,337.32	
<b>D</b> 00000		OH5 Unknown	OH1 SCE&G /	CenturyLink /	OH8				700 000 50	1 0 00 5 11 70	
P06960	N/A	Owner OH5 Unknown	Dominion OH1 SCE&G /	OH7 AT&T	Spectrum/Time OH8				799,366.50	1,969,541.79	38'
P06970	C-10605	Owner OH1 SCE&G /	Dominion OH1 SCE&G /	OH7 AT&T	Spectrum/Time OH8				799,490.70	1,969,538.52	35'
P06980	159992	Dominion	Dominion	OH7 AT&T	Spectrum/Time	SIG SCDOT			799,336.83	1,969,660.39	42'
				OH11 CenturyLink /							
P07000	220171	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH7 AT&T	OH8 Spectrum/Time	SIG SCDOT			799,337.79	1,969,729.03	37'
				OH11 CenturyLink /							
P07010	220172	OH1 SCE&G /	OH1 SCE&G /						799,406.52	1,969,727.83	35'
P07020	159990	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	OH7 AT&T	OH8	SIG SCDOT			799,340.86	1,969,856.28	42'
107020		Dominion	Dominion	0H11	Spectrum/Time				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1,505,050.20	
02020	CE 2197	OH5 Unknown	OH1 SCE&G /	CenturyLink /					700.264.02	1 000 904 12	26
P07030	C53187	Owner OH5 Unknown	Dominion OH1 SCE&G /	OH7 AT&T	OH8				799,264.02	1,969,864.13	36'
P07040	C-35401	Owner OH1 SCE&G /	Dominion	OH7 AT&T	Spectrum/Time OH8				799,258.30	1,969,667.47	33'
P07050	45506	Dominion	Dominion	OH7 AT&T	Spectrum/Time				799,163.15	1,969,678.77	31'
P07080	N/A	SIG SCDOT	OH1 SCE&G / Dominion	OH7 AT&T					798,663.94	1,969,451.19	23'
P07081	N/A	SIG SCDOT					SIG SCDOT		798,295.71	1,969,277.60	50'
P07082	629472	OH1 SCE&G / Dominion							797,616.50	1,969,524.77	29'
P07083	676729	OH1 SCE&G / Dominion							797,489.81	1,969,656.13	34'
P07090	268846	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						798,668.08	1,969,543.17	34'
P07100	354411	OH1 SCE&G /	OH1 SCE&G /	OH7 AT&T	OH8				798,682.46	1,969,725.35	24'
P07110	N/A	Dominion OH1 SCE&G /	Dominion	OH7 AT&T	Spectrum/Time OH8				798,559.56	1,969,562.07	22'
P07111	46136	Dominion OH1 SCE&G /	OH1 SCE&G /		Spectrum/Time				798,560.42	1,969,562.90	32'
	ATT (OWNER)	Dominion OH5 Unknown	Dominion	OH7 AT&T	OH8						28'
P07112		Owner OH1 SCE&G /			Spectrum/Time OH8				798,583.09	1,969,732.97	
P07120	OH1 SCE&G	Dominion OH1 SCE&G /	OH1 SCE&G /	OH7 AT&T	Spectrum/Time OH8				798,347.22	1,969,613.72	31'
P07130	46136	Dominion	Dominion	OH7 AT&T	Spectrum/Time				798,150.74	1,969,703.44	32'
P07131	224643	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						798,244.06	1,969,877.96	22'
P07132	503734	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						798,261.51	1,969,666.02	24'
P07133	609323	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						798,287.23	1,969,721.64	29'
P07140	N/A	OH4 SCDOT	OH1 SCE&G / Dominion						798,169.07	1,969,630.09	23'
P07150	46146	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH7 AT&T	OH8 Spectrum/Time				797,840.01	1,969,931.40	31'
P07151	224362	OH1 SCE&G /	OH1 SCE&G /		Spectrum, mile				797,764.26	1,969,985.12	23'
P07152	46139	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	OH7 AT&T	OH8				797,981.00	1,969,825.30	33'
P07153	N/A	Dominion SIG SCDOT	Dominion		Spectrum/Time		SIG SCDOT		797,321.35	1,970,261.91	50'
		OH1 SCE&G /	OH1 SCE&G /		OH8		2.3 30001				
P07170	32721	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time OH8				797,319.19	1,970,573.14	27'
P07180	126851	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time				797,161.38	1,970,582.70	39'
P07190	303824	Dominion OH1 SCE&G /	Dominion						797,094.22	1,970,661.73	22'
P07200	526676	Dominion	OH1 SCE&G / Dominion						796,987.13	1,970,711.34	25'
P07210	540495	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion					GW	797,146.49	1,970,527.99	17'
P07220	126851/50	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						796,918.65	1,970,650.81	44'
P07230	412598	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						796,646.90	1,970,408.92	52'
P07240	201932	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						796,838.86	1,970,266.36	34'
P07250	318321	OH1 SCE&G / Dominion	OH1 SCE&G /						796,870.18	1,970,682.86	40'
P07260	323423	OH1 SCE&G /	Dominion OH1 SCE&G /						796,751.62	1,970,760.60	34'
P07261	N/A	Dominion SIG SCDOT	Dominion OH1 SCE&G /								33'
		OH1 SCE&G /	Dominion OH1 SCE&G /	~~~~~	OH8				796,564.33	1,970,886.04	
P07320	27122	Dominion	Dominion	OH7 AT&T 0H11	Spectrum/Time				796,465.85	1,971,305.77	39'
		041.0050.0. (	041.0050.0.1	CenturyLink /							
P07330	1268	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						796,308.61	1,971,298.17	41'
P07331	15231	OH1 SCE&G / Dominion		OH7 AT&T	OH8 Spectrum/Time				796,310.35	1,971,298.59	21'
				OH11 CenturyLink /							
P07340	22235	OH1 SCE&G /	OH1 SCE&G /	OH7 AT&T	OH8 Spectrum/Time				796,207.69	1,971,362.51	37'
		Dominion	Dominion	OH11	Spectrum/Time				,	. ,	
D07250	15222/70020	OH1 SCE&G /	OH1 SCE&G /	CenturyLink /	OH8				706 022 50	1 071 472 40	40
P07350	15232/79020	Dominion	Dominion	OH7 AT&T 0H11	Spectrum/Time				796,033.56	1,971,472.48	46'
				CenturyLink /							

COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE
	a) Reference the Utility Unique Identifier (UUI)	E1, G1, OH15	STATION	a) Reference the station of the begin & end of linear utility	01+23 - 45+67		Reference utility owner by name or by Owner Ref Abbr	LOCAL POWER CO
UTILITY	b) Reference Sewer Manhole Number (SMN)	S001, SMH-02	RANGE	b) Reference the station location of utility appurtenance	01+23	OWNERSHIP	From Title Sheet	LPC
	c) Reference Utility Information Tags (UIT)	U001, U05		c) Reference the station location of mahole	01+23			
POLE	Reference the Utility Pole ID Number	P001, P25	OFFSET	a) Reference the offset of the begin & end of linear utility	15R - 15R		Reference Owner Number, Height, Diameter, and Material of pole	DPC123, 35', 12", WOOD
	Reference the Alignment used for stationing		RANGE	b) Reference the offset location of utility appurtenance	25L	POLE DATA		
ALIGNMENT	Use design alignments when available			c) Reference the offset location of manhole	25L			
ROUTE		MAIN ST.	ITEM IN	a) Reference utility type, size, & material	TELEPHONE, COPPER / GAS 6" DI	REMARKS	a) Further details including capacity, etc.	
RD	~All geometric data used will be referenced to the project	MAIN ST RELOC	PLACE	b) Reference the utility appurtenance type	U/G PEDESTAL	MISC NOTES	b) List Sewer rims and invert elevations	RIM=123.45, INV IN=123.45 INV OUT=123.45
	datum~			c) Reference manhole	SEWER MH		c) List details and desc, sizes, record information, etc.	RECORDS SHOW INFO

POLE	MSC. NOTES
MATERIAL	IVISC. NOTES
WOOD	TRANSFORMER
WOOD	TRANSFORMER
WOOD	
WOOD	TRANSFORMER
WOOD	STREETLIGHT, PVT LIGHT
WOOD	PVT LIGHT, TRANSFORMER
WOOD	PVT LIGHT, STREETLIGHT
WOOD	
WOOD	2 PVT LIGHT, 3 TRANSFOMERS
WOOD	
WOOD	PVT LIGHT
WOOD	
WOOD	PVT LIGHT, TRANSFORMER
WOOD	
WOOD	STREETLIGHT
WOOD	
WOOD	
WOOD	E BOX
CONCRET	CAMERA POLE
WOOD	
WOOD	TRANSFORMER
WOOD	PVT. LT
WOOD	
WOOD	
WOOD	TRANSFORMER
WOOD	
WOOD	TRANSFORMER
WOOD	
WOOD	PVT LIGHT TRANSFORMER
CONCRET	CAMERA POLE
WOOD	PVT. LIGHT
WOOD	TRANSFORMER
WOOD	
WOOD	STREET LIGHT
WOOD	
WOOD	
WOOD	
WOOD	
WOOD	3 TRANSFORMERS, PVT. LIGHT
WOOD	3 TRANSFORMERS, PVT. LIGHT
WOOD	E METER, SWITCH
WOOD	E METER
WOOD	TRANSFORMER, STREET LIGHT
WOOD	
WOOD	TRANSFORMER
WOOD	TRANSFORMER/ STREET LIGHT

POLE ID	OWNER ID				RIDING UTILITI	ES & OWNERS							POLE	
No.	No.	POLE OWNER	ELECTRIC	TELEPH.	CABLE TV	TRAFFIC	CAMERA	OTHERS	NORTHING	EASTING	HEIGHT	DIAMETER	MATERIAL	MSC. NOTES
P07360	N/A	SIG SCDOT	OH1 SCE&G / Dominion						796,139.95	1,971,461.86	28'	10.0"	WOOD	FLASHING LIGHT, E METER
P07370	42718	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH11 CenturyLink /					796,209.79	1,971,535.57	56'	12.0"	WOOD	
P07380	536159	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						796,285.38	1,971,573.74	41'	12.0"	WOOD	TRANSFORMER
P07390	536160	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						796,396.78	1,971,633.81	39'	10.0"	WOOD	3 TRANSFORMERS/ 2 PVT LIGHTS/ E METER
P07391	705298	OH1 SCE&G /	OH1 SCE&G /						796,436.79	1,971,470.60	28'	12.0"	WOOD	2 PVT. LIGHTS
P07400	402717	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	OH11					796,165.32	1,971,713.90	57'	14.0"	WOOD	
P07410	354004	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	CenturyLink / OH11					795,881.58	1,971,689.61	36'	10.0"	WOOD	
P07411	N/A	Dominion SIG SCDOT	Dominion	CenturyLink /					795,906.69	1,971,439.41	22'	12.0"	WOOD	
P07412	N/A	OH1 SCE&G /							795,860.54	1,971,390.87	28'	15.0"	CONCRET	
P07420	0296442/100	Dominion OH1 SCE&G /	OH1 SCE&G /	OH7 AT&T	OH8				795,956.20	1,971,894.59	38'	12.0"	WOOD	PVT LIGHT/ T REPEATER
P07421	15234	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	OH7 AT&T	Spectrum/Time OH8				795,839.04	1,971,810.87	34'	10.0"	WOOD	TRANSFORMER, PVT LIGHT
P07423	2712	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time				795,756.98	1,971,884.11	22'	10.0"	WOOD	
P07430	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	OH11					795,577.95	1,971,772.85	38'	12.0"	WOOD	
		Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	CenturyLink / OH11										
P07440	274747/354002	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	CenturyLink / OH11					795,586.58	1,971,982.34	42'	12.0"	WOOD	CONTROL SWITCH
P07450	354001	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	CenturyLink / OH11					795,594.45	1,972,137.76	34'	11.0"	WOOD	
P07480	354000	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	CenturyLink /	OH8				795,606.14	1,972,357.85	32'	10.0"	WOOD	
P07510	100/400716	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time OH8				795,559.01	1,972,359.07	32'	10.0"	WOOD	
P07520	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time				795,532.91	1,972,324.67	28'	10.0"	WOOD	
P07530	676640	Dominion	Dominion		OH8				795,438.56	1,972,304.05	33'	10.0"	WOOD	
P07540	277420	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				795,404.46	1,972,296.54	33'	11.0"	WOOD	3 TRANSFORMERS
P07541	361553	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						795,351.69	1,972,260.98	25'	10.0"	WOOD	E METER
P07542	N/A	OH5 Unknown Owner		OH9 Spirit / SEGRA					795,318.08	1,972,325.18	24'	10.0"	WOOD	
P07550	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion					GW	795,366.89	1,972,365.80	28'	9.0"	WOOD	PVT. LIGHT
P07560	N/A	OH6 Private Owner	OH1 SCE&G / Dominion		OH8 Spectrum/Time				795,395.60	1,972,252.67	22'	8.0"	WOOD	
P07570	277379/79024	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						795,462.20	1,972,220.11	30'	8.0"	WOOD	2PVT. LIGHTS
P07580	52286	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						795,355.71	1,972,082.92	28'	11.0"	WOOD	PVT. LIGHT
P07583	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						795,038.10	1,972,444.59	24'	7.0"	WOOD	2E BOXES / Sensor
P07584	85438222611	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						795,141.05	1,972,500.65	28'	9.0"	WOOD	Priv LT / IGuy Anchor
P07585	N/A	SIG SCDOT					SIG SCDOT		794,883.16	1,972,290.97	50'	17.0"	CONCRET	CAMERA
P07586	N/A	SIG SCDOT					SIG SCDOT		793,417.18	1,975,212.09	50'	17.0"	CONCRET	CAMERA
P07590	396346	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						795,703.41	1,972,239.36	37'	12.0"	WOOD	
P07593	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						793,865.02	1,974,768.24	28'	12.0"	WOOD	Em / E-Box
P07594	321895	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						793,924.84	1,974,779.47	22'	9.0"	WOOD	1 Guy Anchor / Em E-box
P07600	396345	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						795,919.37	1,972,229.92	46'	12.0"	WOOD	2 PVT. LIGHTS
P07610	501323	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						795,787.41	1,972,382.00	34'	11.0"	WOOD	TRANSFORMER, PVT LIGHT
P07620	275281/396348	OH1 SCE&G /	OH1 SCE&G /						795,710.57	1,972,362.37	36'	11.0"	WOOD	
P07630	222646	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						794,774.53	1,973,189.25	35'	11.0"	WOOD	Transf / 1 Guy Anchor
	20167304150	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						794,736.37	1,973,157.07	38'	11.0"	WOOD	3 Guy Anchor's / Transf
P07641	N/A	Dominion OH5 Unknown	Dominion OH1 SCE&G /						794,765.97	1,973,029.00	34'	11.0"	WOOD	
P07642	N/A	Owner OH5 Unknown	Dominion OH1 SCE&G /						794,837.33	1,972,994.32	29'	11.0"	WOOD	
P07642	491049	Owner OH1 SCE&G /	Dominion OH1 SCE&G /						794,837.33	1,972,651.12	29	10.0"	WOOD	PRIV. LT
P07643	491051	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						794,904.39	1,972,594.38	25	8.0"	FG	PRIV. LT
P07644 P07645	491031	Dominion OH5 Unknown	Dominion OH1 SCE&G /						794,945.72	1,972,594.38		8.0"	WOOD	2 PRIV. LTS
	582349	Owner OH1 SCE&G /	Dominion OH1 SCE&G /								30'			
P07650		Dominion OH1 SCE&G /	Dominion OH1 SCE&G /					<u></u>	794,666.61	1,973,194.63	28'	10.0"	WOOD	Priv LT
P07660	159996	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /					GW	794,635.38	1,973,837.62	32'	10.0"	WOOD	1 Guy Anchor / Transf
P07670	582348	Dominion OH5 Unknown	Dominion OH1 SCE&G /	0	OH8				794,358.10	1,973,797.14	28'	10.0"	WOOD	Priv LT
P07680	N/A	Owner OH5 Unknown	Dominion OH1 SCE&G /	OH7 AT&T	Spectrum/Time OH8				794,390.90	1,974,418.72	25'	12.0"	METAL	Sig Pole / 1 Pedx
P07690	N/A	Owner OH1 SCE&G /	Dominion OH1 SCE&G /	OH7 AT&T	Spectrum/Time OH8				794,106.89	1,974,282.04	27'	12.0"	METAL	Sig Pole / 1 Pedx
P07700	84760	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	OH7 AT&T	Spectrum/Time				793,855.12	1,974,157.55	39'	12.0"	WOOD	5 Guy Anchor's / Priv LT / Street Light
P07710	C19228	Dominion OH5 Unknown	Dominion OH1 SCE&G / OH1 SCE&G /						793,921.37	1,974,139.03	39'	11.0"	WOOD	3 Guy Anchor's
P07830	N/A	Owner	Dominion						793,157.70	1,975,487.50	28'	12.0"	METAL	
P07840	348852	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						793,226.97	1,975,518.09	31'	10.0"	WOOD	
	139958	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						793,113.06	1,975,714.08	30'	10.0"	WOOD	
P07850		OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						792,983.64	1,975,933.21	42'	13.0"	WOOD	
	139959										8'	24.0"		
P07851		OH5 Unknown Owner	OH1 SCE&G / Dominion						793,279.00	1,975,511.13	0	24.0	WOOD	
P07851 P07860		OH5 Unknown Owner OH1 SCE&G /	Dominion OH1 SCE&G /						793,279.00 793,448.87	1,975,615.12	33'	10.0"	WOOD	
P07850 P07851 P07860 P07870 P07880	N/A	OH5 Unknown Owner	Dominion	OH9 Spirit / SEGRA										

	REV. NO.	
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COUNTY FILE NO. ROAD NO.
D. STATE

ΒΥ	DATE	DESCRIPTION OF REVISION		IA DEPARTMENT PORTATION
			ROAD DESIGN	COLUMBIA, S.C.
			]	
			UTILITY AND PC	DLE DATA SHEET
			NOT TO SCALE	DWG: CCR_PH1_SHT_U4G

OLE ID	OWNER ID				RIDING UTILITI	ES & OWNERS				<b>-</b> • • • • • •			POLE	
No.	No.	POLE OWNER	ELECTRIC	TELEPH.	CABLE TV	TRAFFIC	CAMERA	OTHERS	NORTHING	EASTING	HEIGHT	DIAMETER	MATERIAL	MSC. NOTES
07900	46137	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	OH9 Spirit / SEGRA OH11					793,617.29	1,975,692.21	34'	10.0"	WOOD	Transf / 3 Guy Anchor
07910	R8982	OH5 Unknown	OH1 SCE&G /	CenturyLink / OH9 Spirit /					793,860.61	1,975,805.71	23'	10.0"	WOOD	2 Em's / E Box
07910	10902	Owner	Dominion	SEGRA OH11					795,800.01	1,973,803.71	23	10.0	WOOD	
		OH1 SCE&G /	OH1 SCE&G /	CenturyLink / OH9 Spirit /										
07920	46138	Dominion	Dominion	SEGRA OH11					794,032.44	1,975,883.94	33'	9.0''	WOOD	Transf / T Interface 2 Guy Anchor
			0114 0050 0 /	CenturyLink /										
07950	381836	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						796,156.75	1,968,511.38	28'	9.0"	WOOD	Priv LT
07960	381835	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						795,964.95	1,968,424.34	33'	9.0''	WOOD	
07970	381834	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						795,774.82	1,968,345.26	39'	11.0"	WOOD	
07980	381833	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						795,556.86	1,968,253.98	35'	11.0"	WOOD	
07990	381831	OH1 SCE&G / Dominion						GW	795,352.37	1,968,223.07	24'	9.0''	WOOD	
08000	381832	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion					GW	795,356.04	1,968,168.45	34'	10.0"	WOOD	
08010	211264	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						795,963.57	1,968,022.72	33'	9.0"	WOOD	PVT LIGHT, 2 TRANS
08011	N/A	OH1 SCE&G /	OH1 SCE&G /						795,981.54	1,967,997.33	13'	8.0"	WOOD	E METER
08012	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						795,997.69	1,967,987.06	13'	4X6	WOOD	E METER
08020	211263	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						795,730.96	1,967,927.05	27'	9.0"	WOOD	
		Dominion OH1 SCE&G /	Dominion OH1 SCE&G /											TRANS
08030	211262	Dominion OH5 Unknown	Dominion OH1 SCE&G /						795,494.88	1,967,825.54	33'	13.0"	WOOD	TRANS
08031	N/A	Owner OH1 SCE&G /	Dominion OH1 SCE&G /						795,431.75	1,967,821.60	23'	8.0"	WOOD	E BOX
08040	381830	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						795,386.33	1,967,781.21	32'	10.0"	WOOD	
08050	211261	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						795,269.75	1,967,733.71	30'	10.0"	WOOD	
08060	211260	Dominion	Dominion						795,026.91	1,967,629.86	30'	10.0"	WOOD	
08090	211259	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						794,810.70	1,967,537.98	30'	10.0"	WOOD	
08100	27122	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						794,599.46	1,967,447.56	32'	11.0"	WOOD	
08110	211257	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						794,418.14	1,967,372.00	32'	12.0"	WOOD	
08120	292334	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						794,399.08	1,967,307.70	30'	12.0"	WOOD	
08130	292335	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						794,312.85	1,967,324.92	30'	12.0"	WOOD	
08140	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						794,333.16	1,967,397.26	60'	16.0''	METAL	
08150	N/A	OH1 SCE&G /	OH1 SCE&G /		OH8			GW	794,435.61	1,967,780.13	60'	16.0"	METAL	
08151	647422	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time				794,450.53	1,967,845.50	55'	14.0"	WOOD	STREETLIGHT
08152	298785	Dominion OH1 SCE&G /	Dominion					GW	794,454.18	1,967,847.01	28'	10.0"	WOOD	
08160	536159	Dominion OH1 SCE&G /	OH1 SCE&G /						794,521.64	1,968,117.71	41'	12.0"	WOOD	TRANSF
	298797	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		OH8				794,184.30	1,967,673.67	39'	11.0"	WOOD	3TRANSF / 2 PRIV LTS1 Guy Anchor / E BOX / EN
08170			Dominion OH1 SCE&G /		Spectrum/Time									
08171	N/A	SIG SCDOT OH1 SCE&G /	Dominion OH1 SCE&G /		OH8		SIG SCDOT		794,240.73	1,967,606.41	64'	19.0"	CONCRET	E METER
08180	402717	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time OH8				793,938.31	1,967,569.30	34'	10.0"	WOOD	
08190	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time OH8				793,717.16	1,967,476.20	35'	11.0"	WOOD	
08200	354004	Dominion	Dominion		Spectrum/Time				793,507.54	1,967,460.42	35'	11.0"	WOOD	TRANSFORMER
08210	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						793,172.74	1,967,197.32	27'	9.0''	WOOD	METER
08220	522086	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				793,100.72	1,967,217.81	37'	8.0"	WOOD	
08230	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				793,098.94	1,967,257.48	33'	10.0"	WOOD	
08240	C17363	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				792,898.05	1,967,132.08	32'	10.0"	WOOD	TRANSFORMER, LIGHT
08241	73769	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				792,906.80	1,967,182.42	22'	8.0''	WOOD	
08250	224378	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				792,702.86	1,967,049.74	28'	8.0"	WOOD	TRANSFORMER, LIGHT
08260	221381	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				792,518.49	1,966,971.33	30'	8.0"	WOOD	TRANSFORMER
08270	525307	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				792,378.35	1,966,915.11	28'	9.0"	WOOD	Street Light / 1 Guy Anchor
08280	647423	OH1 SCE&G /	OH1 SCE&G /		Spectrum				792,218.49	1,966,941.04	30'	9.0"	WOOD	LIGHT
08290	590376	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		OH8				792,203.90	1,966,984.89	34'	12.0"	WOOD	LIGHT
08300	473158	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time OH8				792,172.96	1,966,832.80	34'	11.0"	WOOD	
08310	618596	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time				792,124.53	1,966,832.54	28'	9.0"	WOOD	LIGHT
	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		OH8									
08320		Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time				791,945.61	1,966,749.74	30'	10.0"	WOOD	
08330	473153	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						791,927.65	1,966,764.87	29'	10.0"	WOOD	
08340	238362	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						791,795.25	1,966,643.63	32'	11.0"	WOOD	
08350	235467	Dominion	Dominion						791,621.99	1,966,591.07	40'	12.0"	WOOD	
08360	235468	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						791,455.38	1,966,711.39	38'	12.0"	WOOD	LIGHT
& POL	Ε DATA TA	BLE DESCRI	PTION											
_		DESCRIPTIO			EXAMPLE				DESCRIPTION			EXAMPLE	COLUMN	DESCRIPTION
a) Rofo	rence the Util	Ity   Inigua Idaat	tier(     )		E1, G1, OH15	CTV.	TION a) Refere	nce the station	of the begin & end o	f linear utility	<u>∩1</u> ⊣	23 - 45+67	ם	eference utility owner by name or by Owner Ref A

OFFSET a) Reference the offset of the begin & end of linear utility

RANGE b) Reference the offset location of utility appurtenance

c) Reference the offset location of manhole

ITEM IN a) Reference utility type, size, & material

c) Reference manhole

PLACE b) Reference the utility appurtenance type

P001, P25

MAIN ST.

MAIN ST RELOC

POLE Reference the Utility Pole ID Number

ALIGNMENT Use design alignments when available

latum

ROUTE

Reference the Alignment used for stationing

RD ~All geometric data used will be referenced to the project

## UTILITY DATA

### POLE DATA

POLE ID	OWNER ID	POLE OWNER	VNER ELECTRIC TELEPH. CABLE TV			ES & OWNERS			NORTHING	EASTING	HEIGHT	DIAMETER	POLE	MSC. NOTES
No.	No.			TELEPH.	CABLE TV	TRAFFIC	CAMERA	OTHERS	NORTHING	EASTING	псюпі	DIAIVIETER	MATERIAL	MISC. NOTES
P08370	235466	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						791,900.76	1,966,411.76	41'	13.0"	WOOD	
P08371	13995815723	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						792,112.07	1,966,513.45	34'	10.0"	WOOD	Switch Bar
P08372	490950	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						792,321.96	1,966,579.19	22'	9.0"	WOOD	
P08380	574317	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						791,731.13	1,966,340.47	21'	9.0"	WOOD	
P08400	226363	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						792,041.65	1,966,312.41	46'	12.0"	WOOD	LIGHT, 2WAY FEEDER
P08420	266845	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				790,767.50	1,966,254.41	30'	11.0"	WOOD	transformer x3, LIGHT
P08421	N/A	SIG SCDOT	OH1 SCE&G / Dominion						790,812.54	1,966,267.09	28'	10.0''	WOOD	METER
P08422	284165	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				790,889.82	1,966,237.87	27'	9.0''	WOOD	LIGHT
P08423	N/A	SIG SCDOT					SIG SCDOT		790,844.51	1,966,265.26	60'	20.0''	METAL	
P08430	416794	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				790,566.69	1,966,263.62	31'	10.0"	WOOD	
P08440	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						790,510.77	1,966,255.14	14'	8.0"	WOOD	METER
P08450	266846	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				790,500.04	1,966,265.89	30'	11.0"	WOOD	TRANSFORMER X3
P08460	303855	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				790,349.11	1,966,274.64	34'	9.0"	WOOD	
P08470	266847	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion		OH8 Spectrum/Time				790,196.84	1,966,280.49	37'	12.0"	WOOD	
P08480	266841	OH1 SCE&G /	OH1 SCE&G /		OH8				790,059.97	1,966,270.10	35'	12.0"	WOOD	
P08520	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time OH8 Spectrum/Time				789,677.06	1,966,234.07	48'	16.0"	WOOD	
P08521	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time				789,672.60	1,966,329.29	40'	12.0"	WOOD	METER X2
P08530	534736	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		OH8				789,641.98	1,966,379.85	64'	49.0"	METAL	
P08540	N/A	Dominion SIG SCDOT	Dominion		Spectrum/Time				789,816.63	1,966,408.66	28'	13.0"	METAL	
P08570	N/A	SIG SCDOT	OH1 SCE&G /						789,513.83	1,966,818.53	27'	13.0"		PED X, TRAFFIC LIGHT, NO OH METER X2
P08580	N/A	OH1 SCE&G /	Dominion OH1 SCE&G /						789,493.65	1,966,847.59	43'	12.0"	WOOD	
P08590	28974	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						789,373.05	1,966,838.56	43	12.0"	WOOD	TRANSFORMER X3
P08591	N/A	Dominion SIG SCDOT	Dominion OH1 SCE&G /						789,453.58	1,966,814.44	28'	12.0"	WOOD	
		OH1 SCE&G /	Dominion OH1 SCE&G /											
P08600	655558	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						789,239.19	1,966,859.43	35'	16.0"	WOOD	2 WAY FEEDER
P08610	113830	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		OH8				789,101.56	1,966,877.99	42'	13.0"	WOOD	
P08620	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time OH8				789,539.24	1,966,873.43	64'	49.0"	METAL	
P08630	534734	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time OH8				789,543.30	1,967,000.67	46'	20.0"	METAL	
P08640	534733	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /		Spectrum/Time OH8				789,518.16	1,967,126.23	45'	20.0"	METAL	
P08650	534732	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	OH7 AT&T	Spectrum/Time OH8				789,643.04	1,967,096.62	35'	13.0"		LIGHT
P08660	534731	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	OH7 AT&T	Spectrum/Time				789,593.26	1,967,241.58	45'	13.0"	WOOD	
P08670	941	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /	OH7 AT&T					789,793.62	1,967,056.48	35'	12.0"	WOOD	
P08690	192526	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						789,748.33	1,966,957.82	26'	8.0"	WOOD	
P08700	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						789,719.37	1,966,956.71	15'	7.0"	WOOD	METER
P08710	418169	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						789,850.26	1,966,876.50	28'	9.0"	WOOD	
P08720	456538	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						789,909.48	1,966,776.15	29'	9.0"	WOOD	
P08730	456539	Dominion	Dominion						790,021.48	1,966,725.14	28'	9.0"	WOOD	LIGHT X2
P08740	456540	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						790,136.78	1,966,678.71	29'	9.0"	WOOD	LIGHT X2
P08750	456541	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						790,251.91	1,966,632.96	28'	9.0"	WOOD	LIGHTS X2
P08760	456542	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						790,345.83	1,966,753.47	28'	10.0''	WOOD	LIGHTS X4
P08780	562599	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						790,746.17	1,966,554.59	28'	10.0"	WOOD	LIGHTS X2
P08790	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						790,823.29	1,966,499.17	24'	10.0"	WOOD	
P08791	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						790,790.89	1,966,497.06	22'	10.0"	WOOD	
P08792	292795	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						790,839.29	1,966,659.57	27'	9.0"	WOOD	
P08900	N/A	SIG SCDOT				SIG SCDOT			824,708.98	1,946,069.26	32'	13.0"	METAL	
P08910	N/A	SIG SCDOT				SIG SCDOT			824,614.05	1,946,014.19	23'	16.0"	CONCRET	
P08920	N/A	SIG SCDOT				SIG SCDOT			824,563.72	1,946,099.72	24'	16.0"	CONCRET	
P08930	N/A	SIG SCDOT				SIG SCDOT			824,644.93	1,946,181.17	32'	13.0"	METAL	
P08940	N/A	SIG SCDOT	OH3 Mid Carolina			SIG SCDOT			824,503.09	1,946,661.34	32'	13.0"	METAL	
P08950	N/A	SIG SCDOT				SIG SCDOT			824,394.48	1,946,608.04	32'	13.0"	METAL	
P08960	N/A	SIG SCDOT				SIG SCDOT			824,377.95	1,946,742.42	32'	13.0"	METAL	
P08970	N/A	SIG SCDOT				SIG SCDOT			824,485.40	1,946,757.20	32'	13.0"	METAL	
P08980	N/A	SIG SCDOT				SIG SCDOT			824,408.28	1,947,550.53	32'	13.0"	WOOD	
P08990	N/A	SIG SCDOT				SIG SCDOT			824,303.58	1,947,544.74	32'	13.0"	METAL	
P09240	N/A	SIG SCDOT				SIG SCDOT			812,599.65	1,955,830.91	32'	13.0"	METAL	
P09250	N/A	SIG SCDOT				SIG SCDOT			812,489.62	1,955,899.79	32'	13.0"	METAL	
P09260	N/A	SIG SCDOT	OH3 Mid			SIG SCDOT			812,517.51	1,956,011.34	32'	13.0"	METAL	CAMERA
P09270	N/A	SIG SCDOT	Carolina			SIG SCDOT			812,624.11	1,955,960.69	32'	13.0"	METAL	
P09270	N/A	SIG SCDOT				SIG SCDOT			812,824.11	1,955,960.89	32'	13.0"	METAL	
			OH1 SCE&G /											
P09290	N/A	SIG SCDOT	Dominion			SIG SCDOT			812,678.50	1,956,646.68	32'	13.0"	METAL	
P09300	N/A	SIG SCDOT				SIG SCDOT			812,726.47	1,956,769.19	32'	13.0"	METAL	

EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE
01+23 - 45+67		Reference utility owner by name or by Owner Ref Abbr	LOCAL POWER CO
01+23	OWNERSHIP	From Title Sheet	LPC
01+23			
15R - 15R		Reference Owner Number, Height, Diameter, and Material of pole	DPC123, 35', 12", WOOD
25L	POLE DATA		
25L			
TELEPHONE, COPPER / GAS 6" DI	REMARKS	a) Further details including capacity, etc.	
U/G PEDESTAL	MISC NOTES	b) List Sewer rims and invert elevations	RIM=123.45, INV IN=123.45 INV OUT=123.45
SEWER MH		c) List details and desc, sizes, record information, etc.	RECORDS SHOW INFO

REV. NO.	ΒΥ	DATE	DESCRIPTION OF REVISION	SOUTH CAROLINA DEPA OF TRANSPORTATI	
4				ROAD DESIGN COLUI	MBIA, S.C.
3					
2					
1				UTILITY AND POLE DATA	A SHEET
1					
INITIAL				NOT TO SCALE	DWG: CCR_PH1_SHT_U4H

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD NO.	SHEET NO.
3	S.C.	RICHLAND / LEXINGTON	P039718	I-26/I-20/I-126	U4H

POLE ID	OWNER ID	POLE OWNER		1	RIDING UTILITI	ES & OWNERS			NORTHING	EASTING	HEIGHT	DIAMETER	POLE			MSC. NOTE
No.	No.		ELECTRIC	TELEPH.	CABLE TV	TRAFFIC	CAMERA	OTHERS	NORTHING	EASTING	HEIGHT	DIAIVIETER	MATERIAL			MISC. NOTE:
09310	N/A	SIG SCDOT	OH1 SCE&G / Dominion			SIG SCDOT			812,838.98	1,956,686.95	32'	13.0"	METAL			
09320	N/A	SIG SCDOT	Dominion			SIG SCDOT			812,972.25	1,957,100.11	32'	13.0"	METAL			
9330	N/A	SIG SCDOT				SIG SCDOT			812,862.26	1,957,130.40	47'	17.0"	CONCRETE			
9340	N/A	SIG SCDOT	OH3 Mid Carolina			SIG SCDOT			812,863.19	1,957,145.80	32'	13.0"	METAL			
9350	N/A	SIG SCDOT	Garonna			SIG SCDOT			812,905.27	1,957,273.82	32'	13.0"	METAL			
9360	N/A	SIG SCDOT				SIG SCDOT			813,015.84	1,957,195.21	32'	13.0"	METAL			
9370	N/A	OH3 Mid	OH3 Mid						813,026.85	1,957,178.53	28'	13.0"	METAL			
09380	N/A	Carolina SIG SCDOT	Carolina			SIG SCDOT			813,268.34	1,957,884.56	28'	13.0"	METAL			
09390	N/A	SIG SCDOT	OH3 Mid			SIG SCDOT			813,159.84	1,957,925.59	28'	13.0"	METAL			
09400	N/A	SIG SCDOT	Carolina			SIG SCDOT			813,197.49	1,958,033.19	28'	13.0"	METAL			
09410	N/A	SIG SCDOT				SIG SCDOT			813,296.34	1,958,002.10	28'	13.0"	METAL			
09420	N/A	SIG SCDOT				SIG SCDOT			804,675.62	1,962,941.02	27'	12.0"	METAL			
09430	N/A	SIG SCDOT	OH1 SCE&G /			SIG SCDOT			804,593.04	1,962,885.14	27'	12.0"	METAL			
09440	N/A	SIG SCDOT	Dominion			SIG SCDOT			804,539.20	1,963,000.21	27'	12.0"	METAL			
09450	N/A	SIG SCDOT				SIG SCDOT			804,634.41	1,963,022.02	27'	12.0"	METAL			
)9460	N/A	SIG SCDOT				SIG SCDOT			804,459.61	1,963,714.54	27'	12.0"	METAL			
)9470	N/A	SIG SCDOT				SIG SCDOT			804,343.83	1,963,730.92	27'	12.0"	METAL			
)9480	N/A	SIG SCDOT				SIG SCDOT			804,349.18	1,963,831.02	27	13.0"	METAL			
9490	N/A	SIG SCDOT				SIG SCDOT			804,349.18	1,963,831.02	27	12.0"	METAL			
9490	N/A	SIG SCDOT	OH1 SCE&G /			SIG SCDOT			804,482.31	1,963,816.27	27	12.0"	METAL			
)9510	N/A	SIG SCDOT	Dominion			SIG SCDOT			804,746.84	1,964,841.06	27	12.0"	METAL			
09520	N/A	SIG SCDOT				SIG SCDOT			804,804.13	1,964,924.00	27'	12.0"	METAL			
)9530	N/A	SIG SCDOT				SIG SCDOT			800,328.37	1,962,348.74	31'	13.0"	WOOD			
09540	N/A	SIG SCDOT							800,259.19	1,962,309.64	31'	12.0"	METAL			
09541	N/A	OH5 Unknown							800,263.70	1,962,305.85	28'	13.0"	WOOD			
9550	N/A	Owner SIG SCDOT	OH3 Mid			SIG SCDOT			800,205.09	1,962,399.50	29'	13.0"	WOOD			
09560	N/A	SIG SCDOT	Carolina			SIG SCDOT			800,273.16	1,962,437.47	32'	12.0"	METAL			
09570	N/A	SIG SCDOT	OH3 Mid						800,233.40	1,962,506.48	27'	13.0"	WOOD			
)9580	N/A	SIG SCDOT	Carolina			SIG SCDOT			800,134.93	1,962,705.70	27'	11.0"	METAL			
)9590	, N/A	SIG SCDOT				SIG SCDOT			800,056.31	1,962,674.75	26'	11.0"	METAL			
9600	, N/A	SIG SCDOT				SIG SCDOT			800,023.76	1,962,726.53	27'	11.0"	METAL			
09610	N/A	SIG SCDOT	OH3 Mid			SIG SCDOT			800,062.43	1,962,842.02	28'	12.0"	METAL			
9620	N/A	SIG SCDOT	Carolina OH3 Mid			SIG SCDOT			800,060.66	1,962,849.14	30'	12.0"	METAL			
9630	N/A	SIG SCDOT	Carolina			SIG SCDOT			799,931.94	1,962,885.02	25'	12.0"	METAL			
9640	N/A	SIG SCDOT				SIG SCDOT			799,884.50	1,962,987.22	25'	12.0"	METAL			
09650	N/A	SIG SCDOT				SIG SCDOT			799,961.83	1,963,043.25	25'	12.0"	METAL			
09660	N/A	SIG SCDOT				SIG SCDOT			799,651.79	1,963,692.62	27'	11.0"	METAL			
09670	N/A	SIG SCDOT	OH1 SCE&G /			SIG SCDOT			799,562.62	1,963,673.91	28'	11.0"	METAL			
09680	N/A	SIG SCDOT	Dominion			SIG SCDOT			799,500.02	1,963,745.14	25'	12.0"	METAL			
09690	N/A	SIG SCDOT				SIG SCDOT			, 799,617.97	1,963,799.02	28'	13.0"	WOOD			
09700	c53140	OH1 SCE&G /	OH1 SCE&G /	OH7 AT&T	OH8				799,690.13	1,966,990.01	41'	13.0"	WOOD			
-		Dominion	Dominion	OH11	Spectrum/Time				.,	, .,						
09710	N/A	SIG SCDOT		CenturyLink /		SIG SCDOT			799,720.56	1,967,211.99	27'	12.0"	METAL			
09720	N/A	SIG SCDOT				SIG SCDOT			799,611.53	1,967,194.82	27'	12.0"	METAL			
09730	N/A	SIG SCDOT	OH1 SCE&G /			SIG SCDOT			799,626.53	1,967,304.36	27'	12.0"	METAL			
09740	N/A	SIG SCDOT	Dominion			SIG SCDOT			799,713.88	1,967,288.48	28'	12.0"	METAL			
09750	11566	OH1 SCE&G /	OH1 SCE&G /	OH7 AT&T	OH8				799,677.57	1,967,561.58	50'	12.0"	WOOD	CTDEET		
		Dominion	Dominion	OH11	Spectrum/Time				,	_,,				SIKEEILIG	GHT, TRANSI	
9760	N/A	SIG SCDOT		CenturyLink /		SIG SCDOT			799,563.15	1,967,725.29	27'	12.0"	METAL			
09770	N/A	SIG SCDOT				SIG SCDOT			799,520.06	1,967,858.12	27	11.0"	WOOD			
09780	N/A	SIG SCDOT				SIG SCDOT			799,378.67	1,969,323.79	28'	12.0"	METAL			
09790	N/A	SIG SCDOT	OH1 SCE&G /			SIG SCDOT			799,236.37	1,969,299.85	28	12.0"	METAL			
09800	N/A	SIG SCDOT	Dominion			SIG SCDOT			799,370.57	1,969,397.19	27	11.0"	METAL			
9810	N/A	SIG SCDOT				SIG SCDOT			802,881.83	1,971,268.60	27'	12.0"	METAL			
09820	N/A	SIG SCDOT				SIG SCDOT			802,820.42	1,971,347.09	27	12.0"	METAL			
9830	N/A	SIG SCDOT				SIG SCDOT			802,863.94	1,971,441.87	27'	12.0"	METAL			
09840	N/A	SIG SCDOT	OH1 SCE&G /			SIG SCDOT			802,950.51	1,971,349.87	27'	12.0"	METAL			
09850	N/A	SIG SCDOT	Dominion			SIG SCDOT			802,518.66	1,971,848.10	27'	12.0"	METAL			
09860	N/A	SIG SCDOT				SIG SCDOT			802,452.30	1,971,779.21	27'	12.0"	METAL			
09870	N/A	SIG SCDOT				SIG SCDOT			802,369.98	1,971,850.62	27'	12.0"	METAL			
	-			1	1	1			,	. ,/		_		1		
& PO	LL DATA	TABLE DES DESCRI				EXAMPLE	COLU	MN	C	DESCRIPTION			EXAMPLE		COLUMN	
a) Ref		Jtility Unique I	Identifier (UU	I)		E1, G1, OH15	STATI	ON a) Refere	ence the station o	f the begin & end			01+23 - 45+	67		Reference
		er Manhole Nu y Information			S	001, SMH-02 U001, U05	RANG	, ,	ence the station lo ence the station lo			nce	01+23 01+23		OWNERSHI	P From Title
	stance ound	,ormation	.~~~			, 303					-				1	

c) Reference Utility Information Tags (UIT) c) Reference the station location of mahole U001, U05 OFFSET a) Reference the offset of the begin & end of linear utility P001, P25 POLE Reference the Utility Pole ID Number Reference the Alignment used for stationing RANGE b) Reference the offset location of utility appurtenance ALIGNMENT Use design alignments when available c) Reference the offset location of manhole ROUTE MAIN ST. ITEM IN a) Reference utility type, size, & material RD ~All geometric data used will be referenced to the project MAIN ST RELOC PLACE b) Reference the utility appurtenance type

latum^

c) Reference manhole

## UTILITY DA

MSC. NOTES

· <b>∧</b>													FED. RD. DIV. NO.	STATE COUNTY	FILE NO.	ROAD NO.
Γ <b>Α</b>													3	S.C. RICHLAND / LEXINGTO	DN P039718	I-26/I-20/I-126
POLE ID No.	OWNER ID No.	POLE OWNER				TIES & OWNERS			NORTHING	EASTING	HEIGHT	DIAMETER	POLE MATERIAL		ISC. NOTES	
			ELECTRIC OH1 SCE&G /	TELEPH.	CABLE TV	TRAFFIC	CAMERA	OTHERS	902 44E C9	1 071 047 92	יבר	12.0"				
P09880 P09882	N/A N/A	SIG SCDOT OH1 SCE&G /	Dominion OH1 SCE&G /	OH13 SCE&G		SIG SCDOT			802,445.68	1,971,947.83 1,975,270.20	27' 128'	12.0'' 44'X44'	METAL	Tower / (2) 3 phase Tra	insm	
P09890	N/A	Dominion OH5 Unknown	Dominion OH1 SCE&G /	Fiber Optic OH7 AT&T	OH8	SIG SCDOT			802,385.95	1,972,014.11	43'	13.0"	WOOD	STREETLIGHT		
		Owner	Dominion	OH11	Spectrum/Tim	e				1,0,72,01	10	1010				
P09900	N/A	SIG SCDOT		CenturyLink /		SIG SCDOT			801,912.93	1,972,460.99	28'	12.0"	METAL			
P09910	N/A	SIG SCDOT				SIG SCDOT			801,833.32	1,972,560.59	27'	12.0"	METAL			
P09940	N/A	SIG SCDOT				SIG SCDOT			789,780.40	1,966,560.02	32'	13.0"	METAL	PED SIGNAL		
P09950	N/A	SIG SCDOT				SIG SCDOT			789,640.69	1,966,477.45	32'	13.0''	METAL	PED SIGNAL		
P09960	N/A	SIG SCDOT				SIG SCDOT			789,617.13	1,966,593.02	25'	12.0''	METAL	PED SIGNAL		
P09970	N/A	SIG SCDOT				SIG SCDOT			789,759.86	1,966,678.61	25'	12.0"	METAL	PED SIGNAL		
P09980	N/A	SIG SCDOT OH1 SCE&G /	OH1 SCE&G /			SIG SCDOT			814,204.16	1,954,913.11	25'	12.0"	METAL			
P10040	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						814,395.85	1,955,171.92	55'	49.0"	METAL			
P10041 P10110	N/A N/A	Dominion OH2 Santee	Dominion OH2 Santee						814,408.19 814,447.32	1,955,166.45 1,955,363.12	55' 70'	42.0'' 49.0''	METAL			
P10110 P10120	N/A N/A	Cooper OH2 Santee	Cooper OH2 Santee						814,447.32	1,955,363.12	65'	49.0''	METAL			
P10130	N/A	Cooper OH2 Santee	Cooper OH2 Santee						814,420.80	1,955,376.40	75'	49.0"	METAL			
P10140	N/A	Cooper OH1 SCE&G / Dominion	Cooper OH1 SCE&G / Dominion						814,640.53	1,955,675.76	93'	36.0''	METAL			
P10150	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						814,622.65	1,955,684.88	93'	49.0''	METAL			
P10151	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						814,811.45	1,956,073.59	130'	52.0''	METAL			
P10170	N/A	OH2 Santee Cooper	OH2 Santee Cooper						814,701.89	1,955,932.46	50'	17.0''	WOOD			
P10180	N/A	OH2 Santee Cooper	OH2 Santee Cooper						814,690.39	1,955,937.93	50'	15.0''	WOOD			
P10190	47A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						796,082.30	1,959,228.52	70'	48.0''	METAL			
P10200	4B	OH1 SCE&G / Dominion OH1 SCE&G /	OH1 SCE&G / Dominion OH1 SCE&G /						796,065.43	1,959,217.12	67'	48.0''	METAL			
P10210	240A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						796,037.69	1,959,191.73	78'	48.0"	METAL			
P10220	240B	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						796,020.80	1,959,180.88	74'	48.0"	METAL			
P10230	48A 48B	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						795,848.16	1,959,604.30 1,959,590.97	74' 75'	48.0'' 48.0''	METAL	SPLICE CASE		
P10240	241A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						795,806.27	1,959,567.94	74'	48.0"	METAL			
P10260	241B	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						795,784.84	1,959,552.05	76'	48.0"	METAL			
P10290	22B	Dominion OH1 SCE&G / Dominion	Dominion OH1 SCE&G / Dominion						795,164.04	1,967,429.22	70'	48.0''	METAL			
P10300	22A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						795,138.26	1,967,434.30	71'	48.0''	METAL			
P10310	60A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						795,121.41	1,967,481.59	80'	48.0''	METAL			
P10320	60B	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						795,099.96	1,967,485.11	80'	48.0''	METAL			
P10330	205A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						795,074.23	1,967,490.37	82'	48.0''	METAL			
P10340	205B	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						795,048.68	1,967,495.51	83'	48.0''	METAL			
P10350	61A	OH1 SCE&G / Dominion OH1 SCE&G /	OH1 SCE&G / Dominion OH1 SCE&G /						795,272.17	1,968,205.12	73'	48.0''	METAL			
P10360	61B	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						795,249.81	1,968,209.71	72'	48.0"	METAL			
P10370	256A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						795,225.22	1,968,214.04	74'	48.0"	METAL			
P10380 P10390	256B 21B	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						795,200.46	1,968,219.41 1,968,285.60	71' 88'	48.0'' 48.0''	METAL			
P10390	21B 21A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						795,316.63	1,968,285.60	86'	48.0''	METAL			
P10460	85	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						795,284.29	1,970,758.12	42'	13.0"	WOOD			
P10470	85	Dominion OH1 SCE&G / Dominion	Dominion OH1 SCE&G / Dominion						795,270.05	1,970,761.13	36'	13.0''	WOOD			
P10480	85	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						795,256.45	1,970,764.01	42'	13.0''	WOOD			
P10490	17B	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						795,610.75	1,970,970.48	120'	70.0''	METAL	TRANSM		
P10500	17A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						795,585.18	1,970,971.98	120'	70.0''	METAL	TRANSM		
P10510	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						795,408.75	1,971,347.81	80'	24.0''	METAL	TRANSM / 1 Guy Ancho	or	
P10520	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion						795,393.01	1,971,351.35	80'	24.0''	METAL	TRANSM / 2 Guy Ancho	or	
P10530	16B	OH1 SCE&G / Dominion OH1 SCE&G /	OH1 SCE&G / Dominion OH1 SCE&G /						795,648.22	1,971,834.96	125'	77.0"	METAL	TRANSM		
P10540	16A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						795,622.13	1,971,836.59	125'	77.0"	METAL	FO SPLICE CASE		
P10550	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						795,561.16	1,971,991.86	70'	15.0"	WOOD			
P10560 P10570	N/A N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						795,543.51	1,971,993.49 1,971,995.45	70'	15.0"	WOOD			
P10570	N/A	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /						795,563.56	1,972,295.64	81'	26.0"	CONCRET			
		Dominion OH1 SCE&G /	Dominion		1				,	-,-,-,-,-,0+	<u></u>	20.0	CONCILL	1		

		DECONDICAL				
EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE			
01+23 - 45+67		Reference utility owner by name or by Owner Ref Abbr	LOCAL POWER CO			
01+23	OWNERSHIP	From Title Sheet	LPC			
01+23						
15R - 15R		Reference Owner Number, Height,	DPC123, 35', 12", WOOD			
151(-151(		Diameter, and Material of pole				
25L	POLE DATA					
25L						
TELEPHONE, COPPER / GAS 6" DI	REMARKS	a) Further details including capacity, etc.				
U/G PEDESTAL	MISC NOTES	b) List Sewer rims and invert elevations	RIM=123.45, INV IN=123.45 INV OUT=123.45			
SEWER MH		a) list datails and doss sizes record information at	RECORDS SHOW INFO			
SEVVER IVIH		c) List details and desc, sizes, record information, etc.	RECORDS SHOW INFO			

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ΒΥ	DATE	DESCRIPTION OF REVISION	SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION			
			ROAD DESIGN COL	.UMBIA, S.C.		
			]			
			UTILITY AND POLE D	ATA SHEET		
			NOT TO SCALE	DWG: CCR_PH1_SHT_U4I		

	UTILITY DATA POLE DATA															FED. RD. DIV. NO.STATECOUNTYFILE NO.ROAD NO.SHEET NO.3S.C.RICHLAND / LEXINGTONP039718I-26/I-20/I-126U4J
POLE ID No.	OWNER ID No.	POLE OWNER	ELECTRIC	TELEPH.	RIDING UTILITIES & OWNERS	CAMERA OTHERS	NORTHING	EASTING	HEIGHT	DIAMETER	POLE	MSC. NO	TES			
P10600	1169	OH1 SCE&G /	OH1 SCE&G /				795,573.39	1,972,511.84	92'	26.0''	CONCRET	ANTENNA, 2 SWITCH BOXES				
P10610	N/A	Dominion OH1 SCE&G / Dominion	Dominion OH1 SCE&G / Dominion				794,093.92	1,975,780.69	53'	13.0"	WOOD	,				
P10620	N/A	OH1 SCE&G / Dominion					794,089.27	1,975,794.36	54'	13.0''	WOOD					
P10630	N/A	OH1 SCE&G / Dominion					794,078.73	1,975,838.70	60'	15.0"	WOOD					
P10640	N/A	OH1 SCE&G / Dominion	Dominion				794,072.31	1,975,855.72	66'	15.0"	WOOD					
P10650	149101	OH2 Santee Cooper	OH2 Santee Cooper				793,968.27	1,975,917.33	69'	15.0''	WOOD					
P10660	149100	OH2 Santee Cooper	OH2 Santee Cooper				793,961.65	1,975,931.00		15.0''	WOOD	Tran 6 Guy Anchor's				
P10670	N/A	OH2 Santee	OH2 Santee Cooper OH2 Santee				793,565.50	1,975,703.98				Trans 2 Guy Anchor's				
P10680	N/A	OH2 Santee <u>Cooper</u> OH2 Santee	OH2 Santee <u>Cooper</u> OH2 Santee				793,557.69	1,975,717.58		15.0"	WOOD	Trans 4 Guy Anchor				
P10690	N/A	Cooper OH2 Santee	Cooper OH2 Santee				793,550.08	1,975,730.44		15.0"	WOOD	Trans 4 Guy Anchor				
P10700	N/A	Cooper OH2 Santee	Cooper OH2 Santee				793,545.25	1,975,742.18		15.0"	WOOD	Trans 2 Guy Anchor's				
P10710 P10720	149099 116	Cooper OH2 Santee	Cooper OH2 Santee	OH9 Spirit /			793,539.11 793,531.89	1,975,755.80 1,975,770.43	66' 52'	15.0" 13.0"		Trans 6 Guy Anchor's Trans				
F 10720	110	Cooper	Cooper	SEGRA OH13 SCE&G			793,331.89	1,373,770.43	JZ	13.0	WOOD					
P10730	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion	Fiber Optic OH9 Spirit / SEGRA			793,505.69	1,975,515.22	52'	13.0"	WOOD	Trans				
				OH13 SCE&G Fiber Optic												
P10740	N/A	OH1 SCE&G / Dominion	OH1 SCE&G / Dominion				793,498.88	1,975,527.77	68'	15.0"	WOOD	Trans / 1 Guy Anchor				
P10750	269	Dominion	OH1 SCE&G / Dominion				793,476.99	1,975,567.92	68'	15.0"	WOOD	Trans / 1 Guy Anchor				
P10760	2691782	Dominion	OH1 SCE&G / Dominion				793,468.28	1,975,584.12	70'	42.0"	METAL	Trans				
P10770		OH1 SCE&G / Dominion OH1 SCE&G /	OH1 SCE&G / Dominion OH1 SCE&G /	SEGRA			793,190.59	1,975,371.80	70'	42.0''	METAL					
P10780	2691792	Dominion OH1 SCE&G /	Dominion OH1 SCE&G /				793,183.09	1,975,388.25	60'	52.0"	METAL					
P10790		Dominion	Dominion OH1 SCE&G /				793,130.97	1,975,408.37	60'	52.0"		Trans Transmission				
P10800	N/A	Dominion	Dominion OH2 Santee				793,120.78	1,975,429.99		16.0"	WOOD	3 Guv Anchor's				
	149098810A N/A	Cooper OH2 Santee	Cooper OH2 Santee				793,121.51	1,975,509.59		16.0"		Transmission3 Guy Anchor's				
P10820	149097810	Cooper	Cooper OH2 Santee				793,114.99 793,102.45	1,975,522.34 1,975,549.60		16.0'' 16.0''		Transmission3 Guy Anchor's Transmission3 Guy Anchor's				
P10840	N/A	OH2 Santee					793,096.57	1,975,563.70		16.0"	WOOD					
P10850	N/A						794,345.75	1,967,229.83		15.0"	WOOD					
P10860	N/A	Dominion OH1 SCE&G / Dominion	Dominion OH1 SCE&G / Dominion				794,333.32	1,967,235.22		14.0"	WOOD					
P10870	N/A	OH1 SCE&G / Dominion					794,550.39	1,967,996.73		16.0"	WOOD					
P10880	N/A	OH1 SCE&G / Dominion					794,537.16	1,968,000.83	80'	16.0''	WOOD					
nce the station ince the station nce the station nce the offset c	location of uti location of ma If the begin &	& end of linear utili ility appurtenance		EXAMPLE 01+23 - 45+67 01+23 01+23 15R - 15R 25L	OWNERSHIP From Title Sheet	er Number, Height,		EXAMPLE OCAL POWER CO LPC 123, 35', 12", WOOD				REV. NO. 4 3	ВҮ	DATE	DESCRIPTION OF REVISION	SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION ROAD DESIGN COLUMBIA, S.C.

COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE	COLUMN DESCRIPTION	EXAMPLE	
	a) Reference the Utility Unique Identifier (UUI)	E1, G1, OH15	STATION	a) Reference the station of the begin & end of linear utility	01+23 - 45+67	Reference utility owner by name or by Owner Ref Abbr	LOCAL POWER CO	
UTILITY	b) Reference Sewer Manhole Number (SMN)	S001, SMH-02	RANGE	b) Reference the station location of utility appurtenance	01+23	OWNERSHIP From Title Sheet	LPC	
	c) Reference Utility Information Tags (UIT)	U001, U05		c) Reference the station location of mahole	01+23			
POLE	Reference the Utility Pole ID Number	P001, P25	OFFSET	a) Reference the offset of the begin & end of linear utility	15R - 15R	Reference Owner Number, Height,	DPC123, 35', 12", WOOD	
FOLL	Reference the other Pole iD Number				13/(-15/(	Diameter, and Material of pole	51 C125, 55 , 12 , WOOD	
	Reference the Alignment used for stationing		RANGE	b) Reference the offset location of utility appurtenance	25L	POLE DATA		
ALIGNMENT	Use design alignments when available			c) Reference the offset location of manhole	25L			
ROUTE		MAIN ST.	ITEM IN	a) Reference utility type, size, & material	TELEPHONE, COPPER / GAS 6" DI	REMARKS a) Further details including capacity, etc.		
RD	~All geometric data used will be referenced to the project	MAIN ST RELOC	PLACE	b) Reference the utility appurtenance type	U/G PEDESTAL	MISC NOTES b) List Sewer rims and invert elevations	RIM=123.45, INV IN=123.45	
							INV OUT=123.45	
	datum~			c) Reference manhole	SEWER MH	c) List details and desc, sizes, record information, etc.	RECORDS SHOW INFO	

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UTILITY AND POLE DATA SHEET

STRUCTURE NUMBER	NORTHING ( N )	EASTING (E)	RIM ELEVATION (FEET)	INVERT (FEET)	IN/OUT	DIRECTION	SIZE	MATERIAL	MANHOLE CONDITION	MISC INFORMATION
S1002	793258.78	1975982.98	192.56	187.20	OUT	NW	8"	PV	GOOD	
				187.14	IN	SE	8"	PV		FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THA
S1003	793355.79	1975804.79	186.54	182.12	OUT	NW	8"	PV	GOOD	
				182.38	IN	SE	8"	PV		
				182.33	IN	NE	8"	PV		
S1004	793388.24	1975731.65	184.25	178.59	OUT	S	8"	PV	GOOD	
61005	702261 22	1075710 10	102.00	179.17	IN	E	8"	PV	6000	
S1005	793361.22	1975719.12	183.96	173.93 173.93	OUT IN	S W	12" 12"	UNK MET TC	GOOD	UNABLE TO DETERMINE PIPE METAL TYPE
				174.04	IN	N	8"	UNK MET		UNABLE TO DETERMINE PIPE METAL TYPE
				178.04	IN	N	8"			OUTSIDE DROP AT 178.04 / UNABLE TO DETERMINE PIPE METAL 1
S1006	793445.47	1975539.44	186.71	175.90	OUT	E	12"	тс	GOOD	
				177.88	IN	W	12"	TC		
				176.05	IN	N	12"	TC		
S1007	793630.02	1975569.75	199.33	186.56	OUT	E	6"	UNK	GOOD	UNABLE TO DETERMINE PIPE MATERIAL TYPE
				186.80	IN	W	6" 6"	UNK		UNABLE TO DETERMINE PIPE MATERIAL TYPE
S1008	793593.14	1975617.47	195.79	192.85 178.14	IN OUT	N N	UNK	TC UNK	GOOD	UNABLE TO DETERMINE PIPE SIZE OR MATERIAL TYPE
51008	755555.14	1373017.47	155.75	178.67	IN	S	UNK	UNK	0000	UNABLE TO DETERMINE PIPE SIZE OR MATERIAL TYPE
S1009	793601.68	1975620.48	195.86	182.08	OUT	S	UNK	UNK	GOOD	UNABLE TO DETERMINE PIPE SIZE OR MATERIAL TYPE
				183.05	IN	N	6"	тс		
				182.00	IN	W	UNK	UNK		UNABLE TO DETERMINE PIPE SIZE OR MATERIAL TYPE
S1010	794127.97	1975873.75	215.49	187.45	OUT	S	UNK	UNK	GOOD	UNABLE TO DETERMINE PIPE SIZE OR MATERIAL TYPE
				188.54	IN	NW	UNK	UNK		UNABLE TO DETERMINE PIPE SIZE OR MATERIAL TYPE
				187.64	IN	N	UNK	UNK		UNABLE TO DETERMINE PIPE SIZE OR MATERIAL TYPE
				188.37 207.92	IN IN	E	UNK 8"	UNK DIP		UNABLE TO DETERMINE PIPE SIZE OR MATERIAL TYPE
S1011	793567.90	1975291.54	195.63	185.63	OUT	E	8 12"	TC	GOOD	
51011	///////////////////////////////////////	1575251.54	155.05	186.12	IN	W	10"	TC	0000	
S1012	793965.96	1974666.56	190.49	185.33	OUT	W	8"	PV	GOOD	
				185.41	IN	NE	8"	PV		
										FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAT
S1013	793969.66	1974577.86	188.85	185.32	OUT	NW	10"	UNK MET	GOOD	INFLOW STANDING WATER IN MANHOLE UNABLE TO DETERMINE PIPE METAL TYPE
				185.20	IN	E	8"	PV		
S1014	794066.06	1974406.05		187.65	OUT	SW	8"	PV	GOOD	FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER TH INFLOW STANDING WATER IN MANHOLE
S1015	794138.56	1974285.74	187.92	184.43 183.97	IN OUT	NE SW	8" 10"	UNK PV	GOOD	UNABLE TO DETERMINE PIPE MATERIAL TYPE
				184.11	IN	NE	10"	PV		
S1016	794299.70	1973874.07	193.07	182.36	OUT	W	10"	PV	GOOD	
S1017	794198.28	1974064.77	190.59	182.56 183.10	IN OUT	E W	10" 10"	PV PV	GOOD	
51017	794198.28	1974004.77	190.59	183.10	IN	NE	10	PV PV	GOOD	
S1018	794333.42	1973788.67	191.18	181.80	OUT	W	10"	PV	GOOD	
				182.25	IN	E	10"	PV		
				181.92	IN	Ν	10"	PV		
S1019	794482.16	1973844.61	193.26	182.22	OUT	S	10"	PV	GOOD	
				182.93	IN	NE	8"	UNK		UNABLE TO DETERMINE PIPE MATERIAL TYPE
				184.41	IN	N	10"	PV		
S1020		1072507.07	106 55	183.94	IN OUT	W SW	8" 10"	PV PV	GOOD	
21020	794470.52	1973507.87	186.55	181.00 181.11	IN	E	10"	PV PV	GUUD	
S1021	794580.42	1973284.22	185.60	181.11	OUT	W	10	UNK MET	GOOD	UNABLE TO DETERMINE PIPE METAL TYPE
				180.36	IN	E	10"	UNK MET		UNABLE TO DETERMINE PIPE METAL TYPE
				180.80	IN	N	8"	PV		
S1022	794721.63	1973341.36	195.87	181.40	OUT	S	8"	PV	GOOD	FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER TH
				181.32	IN	N	8"	PV		
S1023	794616.32	1973211.15	185.38	179.78	OUT	W	10"	PV	GOOD	
				179.98	IN	E	10"	UNK MET		UNABLE TO DETERMINE PIPE METAL TYPE
S1024	794708.25	1972960.02	191.12	182.74	OUT	N	8"	UNK MET	GOOD	UNABLE TO DETERMINE PIPE METAL TYPE
S1025	794743.80	1972976.40	187.42	184.40 179.12	IN OUT	w	8"	UNK MET	GOOD	UNABLE TO DETERMINE PIPE METAL TYPE BACKFLOW BETWEEN MANHOLES S1025 TO S1026. FIELD INVESTIGATION VERIFIED THAT IINFLOW OF MH 1026 HIGHER T
				179.13 180.10	IN IN	E S	8" 8"	UNK MET		OUTFLOW OF MH 1025. UNABLE TO DETERMINE PIPE METAL TYPE UNABLE TO DETERMINE PIPE METAL TYPE
S1026	794749.71	1972967.75	186.91	179.06	OUT	N	8"	PV	GOOD	
				179.19	IN	E	8"	PV		
S1027	794773.74	1972979.88	185.52	178.93	OUT	S	8"	PV	GOOD	OUTFLOW TO CITY OF COLUMBIA SEWER LIFT STATION
				178.99	IN	NE	8"	PV		
S1028	794803.10	1972992.28	184.88	180.65	Ουτ	SE	8"	UNK MET	GOOD	OUTFLOW TO CITY OF COLUMBIA SEWER LIFT STATION
			.		•			1		UNABLE TO DETERMINE PIPE METAL TYPE

COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE
	a) Reference the Utility Unique Identifier (UUI)	E1, G1, OH15	STATION	a) Reference the station of the begin & end of linear utility	01+23 - 45+67	Reference u	tility owner by name or by Owner Ref Abbr	LOCAL POWER CO
UTILITY	b) Reference Sewer Manhole Number (SMN)	S001, SMH-02	RANGE	b) Reference the station location of utility appurtenance	01+23	OWNERSHIP From Title S	heet	LPC
	c) Reference Utility Information Tags (UIT)	U001, U05		c) Reference the station location of mahole	01+23			
POLE	Reference the Utility Pole ID Number	P001, P25	OFFSET	a) Reference the offset of the begin & end of linear utility	15R - 15R		Dwner Number, Height, nd Material of pole	DPC123, 35', 12", WOOD
	Reference the Alignment used for stationing		RANGE	b) Reference the offset location of utility appurtenance	25L	POLE DATA		
ALIGNMENT	T Use design alignments when available			c) Reference the offset location of manhole	25L			
ROUTE		MAIN ST.	ITEM IN	a) Reference utility type, size, & material	TELEPHONE, COPPER / GAS 6" DI	REMARKS a) Further de	etails including capacity, etc.	
RD	~All geometric data used will be referenced to the project	MAIN ST RELOC	PLACE	b) Reference the utility appurtenance type	U/G PEDESTAL	MISC NOTES b) List Sewe	r rims and invert elevations	RIM=123.45, INV IN=123.45 INV OUT=123.45
	datum~			c) Reference manhole	SEWER MH	c) List detail	s and desc, sizes, record information, etc.	RECORDS SHOW INFO

## UTILITY DATA

#### MANHOLE DATA

	CTURE /IBER		EASTING		
		(N) 704807 52	(E) 1972942.38	(FEET) 188.88	(FEET) 183.28
S10	JZ9 /	794807.52	1972942.38	188.88	183.28
					184.12
S10	)30	794913.92	1972729.99	221.57	215.03
					215.22
					215.19
S10	)31	794931.31	1972697.79	222.45	218.03
					218.18
					218.19
S10	)32	794940.97	1972680.17	224.36	219.57
					219.78
S10		795301.85	1972028.73	225.42	219.19
S10	)34	795150.76	1972189.73	222.24	216.01
S10	)2E -	794992.02	1972413.77	217.90	216.20 210.38
310		194992.02	1972413.77	217.90	210.58
S10	136 -	794881.17	1972610.63	211.79	210.37
		/ 54001.17	1372010.03	211.75	204.89
S10	)38	796639.65	1971908.28	248.08	240.79
			1071000120	2 10/00	243.09
					241.47
S10	)39	796836.44	1971887.16	244.70	235.55
					235.83
S10	040	797187.49	1971856.58	237.49	213.89
					213.89
					229.36
					213.89
					229.43
					229.16
S10		796633.85	1971852.48	247.31	241.68
S10	)47	797010.31	1970710.97	186.61	178.84
					178.96
S10	19 -	797045.33	1970664.07	185.74	179.16 179.12
510	<u>, 140</u>	/ 57 04 5. 55	1970004.07	105.74	179.12
S10	149	796932.15	1970802.35	186.31	178.83
		50552.15	1370002.33	100.51	178.89
S10	)50 7	796979.62	1971153.55	200.94	190.73
					191.00
S10	)51 7	797371.31	1970473.39	187.94	180.12
					180.33
					180.35
S10	)52	797466.96	1970394.52	189.19	182.02
					182.04
S10	)53 7	793778.11	1975717.21	203.71	184.06
		702044 51	1075646.00	166.20	184.10
S10	154 1	793044.51	1975646.82	166.29	155.53 156.47
S10	)55 -	794884.41	1972789.54	214.52	209.57
510		/ J4004.41	1372783.34	214.32	209.84
					210.27
S10	)56	794855.25	1972848.38	206.81	195.27
					201.98
					195.51
S10	)58	796461.56	1971292.46	212.07	198.80
					198.71
S10	)60 8	300243.20	1967201.15	248.28	239.45
					239.80
S10	063	799664.19	1967199.29	232.49	226.05
		700640 70	4067064.00	222.42	226.98
S10	164	799649.73	1967361.82	230.19	223.86
					224.56
	)65 -	799333.19	1967351.78	214.35	225.12 208.97
510		דו.כככיכי	01.TCC10CT	214,33	208.97
					209.18
S10	)68	799361.64	1967768.67	214.17	209.23
				/	207.31
					206.79
S10	)72	799463.52	1968811.03	230.89	215.08
					217.80
					215.17

IN N 12" TC

REV. NO.	ВΥ	DATE	DESCRIPTION OF REVISION	SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION				
4				ROAD DESIGN COLU	MBIA, S.C.			
3								
2								
1				MANHOLE DATA SH	IEEI			
1								
INITIAL				NOT TO SCALE	DWG: CCR_PH1_SHT_U4K			

					FED. RD.	1	1		ROAD	SHEET
					DIV. NO.	STATE	COUNTY	FILE NO.	ROAD NO.	NO.
					3	S.C.	RICHLAND/LEXINGTON	P039718	I-26/I-20/I-126	U4K
IN/OUT	DIRECTION	SIZE	MATERIAL	MANHOLE			MISC INFORM	IATION		
OUT	SE	8"	DIP	CONDITION FAIR						
IN	Ν	8"	TC							
IN	NW	8"	TC							
OUT	SE	8"	ТС	FAIR						
IN	NW	8"	TC							
IN	N	8"	PV							
OUT	SE	8"	PV	FAIR						
IN	NW	8"	PV							
	NE	8"	PV TC							
	SE	8" 6"	TC TC	GOOD						
IN OUT	N SE	<u>6"</u> 8"	PV	GOOD						
OUT	SE	8" 8	PV PV	GOOD						
 IN	NW	<u>ہ</u> 8"	PV PV							
OUT	SE	8"	PV	GOOD						
IN	NW	8"	PV							
OUT	E	8"	PV	GOOD						
IN	NW	8"	PV							
OUT	NE	8"	ТС	GOOD						
IN	S	8"	PV							
IN	W	8"	TC							
OUT	NW	6"	ТС	GOOD						
IN	SE	6"	TC							
OUT	SW	UNK	UNK	GOOD	UNABLE	TO DET	ERMINE PIPE SIZ	E OR MATER	RIAL TYPE	
IN	SE	8"	TC							
IN	SE	8"	DIP			Ol	JTSIDE DROP AT	229.36		
IN	NW	10"	TC							
IN	NW	<u>    10"    </u> 6"					JTSIDE DROP AT		/D.C	
IN OUT	N E	6"	UNK MET TC	GOOD	UI	NABLE I	D DETERMINE PI	PEIVIETALIN	(PE	
OUT	SW	8"	PV	GOOD						
IN	N	8"	PV	0000						
IN	E	6"	PV			6" PV	LATERAL FROM	BUILDING		
OUT	SE	8"	PV	GOOD		<u> </u>		201201110		
IN	NE	8"	PV							
OUT	SW	12"	TC	GOOD						
IN	SE	12"	ТС							
OUT	S	12"	TC	GOOD						
IN	NE	12"	ТС							
OUT	SE	8"	PV	GOOD						
IN	NW	8"	PV							
IN	NE	4"	PV			4" PV	LATERAL FROM	BUILDING		
OUT	SE	8"	PV	GOOD		- " -				
	NE	6"	PV TC			6" PV	LATERAL FROM	BUILDING		
OUT	S	10"	TC TC	GOOD						
	N	10" 10"	TC CO							
OUT IN	S N	10"	CO DI	GOOD						
OUT	SE	8"	TC	GOOD						
IN	NW	8"	ТС							
IN	NE	8"	ТС							
OUT	SE	8"	ТС	FAIR						
001										

98	IN	NW	8"	TC		OUTSIDE DROP AT 201.98
51	IN	NW	8"	TC		
30	OUT	Ν	8"	PV	GOOD	FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW
/1	IN	W	8"	PV		
15	OUT	S	6"	PV	GOOD	
30	IN	NW	8"	PV		
)5	OUT	Е	6"	TC	GOOD	
98	IN	Ν	6"	PV		
36	OUT	Е	6"	ТС	GOOD	
6	IN	W	6"	ТС		
2	IN	SW	4"	TC		
97	OUT	S	8"	PV	GOOD	
.8	IN	NW	8"	PV		8" PV LATERAL FROM BUILDING
25	IN	NE	6"	PV		6" PV LATERAL FROM BUILDING
55	OUT	S	15"	ТС	GOOD	
81	IN	Ν	8"	ТС		
79	IN	Е	15"	TC or UNK MET		
)8	OUT	W	12"	TC	GOOD	
30	IN	Е	6"	PV		6" PV LATERAL FROM BUILDING

<ul> <li>S1074</li> <li>S1076</li> <li>S1076</li> <li>S1076</li> <li>S1077</li> <li>S1077</li> <li>S1077</li> <li>S1078</li> <li>S1078</li> <li>S1078</li> <li>S1078</li> <li>S1079</li> <li>S1081</li> <li>S1081</li> <li>S1081</li> <li>S1081</li> <li>S1081</li> <li>S1081</li> <li>S1081</li> <li>S1083</li> <li>S1083</li> <li>S1084</li> <li>S1084</li> <li>S1084</li> </ul>	799679.32         800082.48         814028.34         814028.34         814028.34         814183.26         814183.26         814183.26         814474.29         8144666.01         8144666.01         814474.29         8144666.01         8144666.01         8144666.01         8144761.49         8144761.49         814823.28         814853.28         814936.87         8146198.50         815645.57	1968520.07 1968118.75 1956144.02 1956009.30 1955009.30 1955543.74 1955543.74 1955543.74 1955543.74 19555493.65	229.57 227.96 227.96 2251.00 251.00 252.73 252.65 252.65 252.65 257.21 257.21 257.21 257.21 257.21 257.21 257.21 257.21 249.24 249.24	213.41 218.07 213.62 220.28 221.06 220.35 248.10 248.57 248.28 247.25 247.28 247.28 247.28 247.28 247.69 244.69 244.69 244.47 250.00 244.85 244.71 243.80 244.05 240.47 240.69	OUT IN OUT IN OUT IN IN OUT IN OUT IN OUT IN IN OUT IN IN IN IN OUT IN IN OUT IN OUT	W N S S NE N N S E N E N E N E N E N W S E N E N W S E N W N E S E N W N E S E N W	12" 8" 12" 8" 4" 8" 6" 8" 8" 8" 8" 8" 8" 8" 8" 8" 8" 8" 8" 8"	UNK MET PV PV DI PV TC PV PV PV PV PV PV PV PV TC TC TC TC TC	GOOD GOOD GOOD GOOD GOOD FAIR	UNABLE TO DETERMINE PIPE METAL TYPE
<ul> <li>S1076</li> <li>S1077</li> <li>S1077</li> <li>S1077</li> <li>S1078</li> <li>S1078</li> <li>S1078</li> <li>S1079</li> <li>S1079</li> <li>S1081</li> <li>S1081</li> <li>S1081</li> <li>S1081</li> <li>S1082</li> <li>S1082</li> <li>S1083</li> <li>S1084</li> <li>S1084</li> </ul>	814028.34 814183.26 814183.26 814474.29 814666.01 814666.01 814823.28 814823.28 814936.87 816198.50	1956144.02 1956009.30 1955762.82 19555619.86 1955543.74 1955543.74 19555493.65 1955371.98	251.00 252.73 252.73 252.65 257.21 2257.21 2257.21 2257.21	213.62 220.28 221.06 220.35 248.10 248.57 248.28 247.25 247.25 247.28 247.94 245.69 245.69 245.62 244.47 250.00 244.85 244.71 243.80 244.05 240.47	IN OUT IN OUT IN IN OUT IN OUT IN OUT IN IN IN IN IN OUT IN	S S NE NW SE NW SE NE NW SE NW SE NW SE NW SE NW SE NW	12" 8" 4" 8" 4" 6" 8" 8" 8" 8" 8" 8" 8" 8" 8" 8	PV           DI           PV           TC           PV           PV           PV           PV           PV           PV           PV           PV           TC           TC           TC           TC           TC           TC           TC           TC	GOOD GOOD GOOD	4" PV LATERAL FROM BUILDING 6" FORCE MAIN/CONNECTION OUTSIDE PROJECT LIMITS 6" PV LATERAL FROM BUILDING FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER T INFLOW
<ul> <li>S1076</li> <li>S1077</li> <li>S1077</li> <li>S1077</li> <li>S1078</li> <li>S1078</li> <li>S1078</li> <li>S1079</li> <li>S1079</li> <li>S1081</li> <li>S1081</li> <li>S1081</li> <li>S1081</li> <li>S1082</li> <li>S1082</li> <li>S1083</li> <li>S1084</li> <li>S1084</li> <li>S1084</li> </ul>	814028.34 814183.26 814183.26 814474.29 814666.01 814666.01 814823.28 814823.28 814936.87 816198.50	1956144.02 1956009.30 1955762.82 19555619.86 1955543.74 1955543.74 19555493.65 1955371.98	251.00 252.73 252.73 252.65 257.21 2257.21 2257.21 2257.21	221.06 220.35 248.10 248.57 248.28 247.25 247.28 247.94 247.94 245.69 245.69 245.62 244.47 250.00 244.85 244.71 243.80 244.05 240.47	IN IN OUT IN OUT IN IN OUT IN IN IN IN IN IN OUT IN	NENNWSENENWSENENWSENWSENWSENWSENWSENWSENWNESENWNESENW	4" 8" 4" 6" 8" 6" 8" 8" 8" 8" 8" 8" 8" 8" 8"	PV TC PV PV PV PV PV PV TC TC TC TC	GOOD GOOD GOOD	4" PV LATERAL FROM BUILDING 6" FORCE MAIN/CONNECTION OUTSIDE PROJECT LIMITS 6" PV LATERAL FROM BUILDING FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER T INFLOW
S1077	814183.26 814474.29 814666.01 814666.01 814761.49 814823.28 814823.28 814936.87 816198.50	1956009.30 1955762.82 1955619.86 1955543.74 19555493.65 1955371.98	252.73 252.65 257.21 249.24 250.18	220.35 248.10 248.57 248.28 247.25 247.28 247.94 245.69 245.62 244.47 250.00 244.85 244.71 243.80 244.05 240.47	IN OUT IN OUT IN IN OUT IN IN IN IN OUT IN IN IN	N NW SE NE NW SE NE SE NW SE NW NE SE NW	8" 8" 4" 6" 8" 6" 8" 8" 8" 8" 8" 8" 8" 8" 8" 8	TC PV PV PV PV PV PV TC TC TC TC	GOOD	4" PV LATERAL FROM BUILDING 6" FORCE MAIN/CONNECTION OUTSIDE PROJECT LIMITS 6" PV LATERAL FROM BUILDING FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER T INFLOW
S1077 S1078 S1078 S1079 S1079 S1080 S1080 S1081 S1082 S1082 S1083 S1084 S1084	814183.26 814474.29 814666.01 814666.01 814761.49 814823.28 814823.28 814936.87 816198.50	1956009.30 1955762.82 1955619.86 1955543.74 19555493.65 1955371.98	252.73 252.65 257.21 249.24 250.18	248.10 248.57 248.28 247.25 247.28 247.94 245.69 245.69 245.62 244.47 250.00 244.85 244.71 243.80 244.05 240.47	OUT IN OUT IN IN OUT IN IN IN IN OUT IN IN	NW SE NE NW SE NW SE NW SE NW NE SE NW	8" 4" 6" 8" 8" 8" 8" 8" 8" 8" 8" 8"	PV PV PV PV PV PV TC TC TC TC	GOOD	6" FORCE MAIN/CONNECTION OUTSIDE PROJECT LIMITS 6" PV LATERAL FROM BUILDING FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER T INFLOW
S1077 S1078 S1078 S1079 S1079 S1080 S1080 S1081 S1082 S1082 S1083 S1084 S1084	814183.26 814474.29 814666.01 814666.01 814761.49 814823.28 814823.28 814936.87 816198.50	1956009.30 1955762.82 1955619.86 1955543.74 19555493.65 1955371.98	252.73 252.65 257.21 249.24 250.18	248.57 248.28 247.25 247.28 247.94 245.69 245.62 244.47 250.00 244.85 244.71 243.80 244.05 240.47	IN IN OUT IN OUT IN OUT IN IN IN OUT IN	SE NE NW SE NE NW SE NW NE NE SE NW	4" 6" 8" 6" 8" 8" 8" 8" 8" 8" 8" 8"	PV PV PV PV TC TC TC TC TC	GOOD	6" FORCE MAIN/CONNECTION OUTSIDE PROJECT LIMITS 6" PV LATERAL FROM BUILDING FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER T INFLOW
S1078 S1079 S1079 S1079 S1080 S1080 S1081 S1081 S1082 S1082 S1083 S1084 S1084	814474.29 814666.01 814666.01 814761.49 814823.28 814936.87 814936.87 816198.50	1955762.82 1955619.86 1955543.74 19555493.65 1955371.98	252.65 257.21 249.24 250.18	247.25 247.28 247.94 245.69 245.62 244.47 250.00 244.85 244.71 243.80 244.05 240.47	OUT IN OUT IN OUT IN IN IN OUT IN	NW SE NE NW SE NW NE NE SE NW	8" 8" 6" 8" 8" 8" 8" 8" 8" 8"	PV PV PV TC PV TC TC TC	GOOD	6" PV LATERAL FROM BUILDING FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER T INFLOW
S1078 S1079 S1079 S1080 S1080 S1081 S1082 S1082 S1083 S1084	814474.29 814666.01 814666.01 814761.49 814823.28 814936.87 814936.87 816198.50	1955762.82 1955619.86 1955543.74 19555493.65 1955371.98	252.65 257.21 249.24 250.18	247.28 247.94 245.69 245.62 244.47 250.00 244.85 244.71 243.80 244.05 240.47	IN IN OUT IN OUT IN IN IN OUT IN	SE NE NW SE NW NE NE SE NW	8" 6" 8" 8" 8" 8" 8" 8" 8"	PV PV TC PV TC TC TC TC	GOOD	FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER
S1079 S1079 S1080 S1080 S1081 S1081 S1082 S1082 S1083 S1083 S1084 S1084	814666.01 814761.49 814761.49 814823.28 814936.87 816198.50	1955619.86 1955543.74 1955493.65 1955371.98	257.21 249.24 250.18	247.94 245.69 245.62 244.47 250.00 244.85 244.71 243.80 244.05 240.47	IN OUT IN OUT IN IN OUT IN	NE NW SE NW NE NE SE NW	6" 8" 8" 8" 8" 8" 8" 8"	PV TC PV TC TC TC TC		FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER
S1079 S1079 S1080 S1080 S1081 S1081 S1082 S1082 S1083 S1083 S1084 S1084	814666.01 814761.49 814761.49 814823.28 814936.87 816198.50	1955619.86 1955543.74 1955493.65 1955371.98	257.21 249.24 250.18	245.69 245.62 244.47 250.00 244.85 244.71 243.80 244.05 240.47	OUT IN OUT IN IN OUT IN	NW SE NW NE NE SE NW	8" 8" 8" 8" 8" 8"	TC PV TC TC TC TC		FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER T INFLOW
S1080 S1080 S1081 S1082 S1082 S1083 S1084 S1084	814761.49 814823.28 814936.87 816198.50	1955543.74 1955493.65 1955371.98	249.24 250.18	244.47 250.00 244.85 244.71 243.80 244.05 240.47	OUT IN IN IN OUT IN	NW NE NE SE NW	8" 8" 8" 8"	TC TC TC	FAIR	OUTSIDE DROP AT 250.00
S1080 S1080 S1081 S1082 S1082 S1083 S1084 S1084	814761.49 814823.28 814936.87 816198.50	1955543.74 1955493.65 1955371.98	249.24 250.18	250.00 244.85 244.71 243.80 244.05 240.47	IN IN IN OUT IN	NE NE SE NW	8" 8" 8"	TC TC	FAIR	OUTSIDE DROP AT 250.00
S1081 S1082 S1082 S1083 S1084 S1084	814823.28 814936.87 816198.50	1955493.65 1955371.98	250.18	244.85 244.71 243.80 244.05 240.47	IN IN OUT IN	NE SE NW	8" 8"	тс		OUTSIDE DROP AT 250.00
S1081 S1082 S1082 S1083 S1084 S1084	814823.28 814936.87 816198.50	1955493.65 1955371.98	250.18	244.71 243.80 244.05 240.47	IN OUT IN	SE NW	8"	+ +		
S1081 S1082 S1082 S1083 S1084 S1084	814823.28 814936.87 816198.50	1955493.65 1955371.98	250.18	243.80 244.05 240.47	OUT IN	NW				
S1081 S1082 S1082 S1083 S1084 S1084	814823.28 814936.87 816198.50	1955493.65 1955371.98	250.18	244.05 240.47	IN		8"	TC TC	GOOD	
S1082 S1083 S1084	814936.87 816198.50	1955371.98			ОПТ	SE	8"	тс		
S1083 S1084	816198.50		248.80	240.69		NW	8"	тс	GOOD	
S1083 S1084	816198.50		248.80		IN	SE	8"	тс		
S1084		1955090.84		238.36	OUT	SW	12"	UNK MET	POOR	FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER INFLOW UNABLE TO DETERMINE PIPE METAL TYPE
S1084		1955090.84		238.28	IN	SE	12"	UNK MET		UNABLE TO DETERMINE PIPE METAL TYPE
	815645.57		266.29	259.03	OUT	S	12"	TC	GOOD	
	813043.37	1955102.91	258.52	259.62 246.74	IN OUT	NW E	12" 12"	TC TC	GOOD	
S1085		1955102.91	258.52	246.74	IN	N E	12	ТС	GOOD	
S1085				247.42	IN	SE	8"	тс		FIELD VERIFIED THAT PIPE CHANGES FROM PV TO TC.
	815554.83	1955143.82	258.24	251.88	OUT	NW	8"	PV	FAIR	FIELD VERIFIED THAT PIPE CHANGES FROM PV TO TC.
				252.06	IN	SW	6"	PV		-
S1086	815488.41	1955099.31	259.26	252.57	OUT	NE	6"	PV	POOR	FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER INFLOW
				252.44	IN	SW	6"	TC		FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER
S1087	815401.16	1954996.13	260.04	256.08	OUT	NE	UNK	UNK	POOR	INFLOW UNABLE TO DETERMINE PIPE SIZE OR MATERIAL TYPE STANDING WATER IN MANHOLE
				256.05	IN	NW	UNK	UNK		UNABLE TO DETERMINE PIPE SIZE OR MATERIAL TYPE
S1088	815706.83	1954738.00	271.72	263.29	ООТ	SE	UNK	UNK	POOR	STANDING WATER IN MANHOLE UNABLE TO DETERMINE PIPE SIZE OR MATERIAL TYPE
				263.29	IN	NW	UNK	UNK		UNABLE TO DETERMINE FITE SIZE OR MATERIAL TYPE
S1103	814566.88	1955284.32	246.32	233.44	OUT	SW	12"	PV	GOOD	
				233.44	IN	NW	12"	PV		
S1106	814899.94	1955061.06	256.56	249.57	OUT	SE	8"	PV	GOOD	
S1107	814770.15	1955171.06	252.55	249.64 235.33	IN OUT	NW SE	8" 12"	PV PV	GOOD	
31107	814770.15	1955171.00	232.35	235.55	IN	NW	8"	P V P V	GOOD	
				235.94	IN	NE	12"			
				245.21	IN	S	6"	PV		6" PV LATERAL FROM BUILDING
S1108	815006.45	1954976.16	260.07	251.54	OUT	SE	8"	PV	GOOD	
				251.58	IN	SW	6"	PV		
S1109	814921.38	1954851.07	264.36	253.94 254.22	OUT IN	NE NW	6" 6"	PV PV	GOOD	CONNECTION OUTSIDE PROJECT LIMITS
				255.38	IN	SW	6"	PV		CONNECTION OUTSIDE PROJECT LIMITS
S1111	802615.58	1966728.63	298.72	291.67	OUT	W	8"	PV	GOOD	
				291.87	IN	NE	6"	PV		6" PV LATERAL FROM BUILDING
				291.97	IN	N	6"	PV		6" PV LATERAL FROM BUILDING
S1112	802631.15	1966610.01	294.67	287.22	OUT	W	8"	TC	GOOD	
				288.87 290.61	IN IN	E N	8" 8"	PV PV		8" PV LATERAL FROM BUILDING
S1113	802669.10	1966356.01	286.68	278.53	OUT	SW	8"	ТС	GOOD	
	-			278.95	IN	NE	6"	PV		6" PV LATERAL FROM BUILDING
				281.70	IN	E	8"	тс		OUTSIDE DROP AT 281.70
	002655.65	1000100		278.72	IN	E	8"	TC TC		
S1114	802655.06	1966163.70	280.09	275.42 275.53	OUT IN	SW NE	8" 8"	TC TC	GOOD	
S1115	802723.14	1966016.73	273.71	275.53		NE	<u>8"</u> 8"	TC	GOOD	
				269.16	IN	SW	8"	TC	2000	
S1116	802885.51	1965804.64	261.65	255.85	OUT	NW	8"	ТС	GOOD	
				256.05	IN	SE	8"	тс		
S1117	803047.48	1965671.90	251.08	246.06	OUT	W	8"	TC	GOOD	
<u></u>	8033EC 11	1065/10 02	221.20	246.16		E NIM/	8" 8"	TC TC	COOP	
S1118	803356.44	1965416.93	231.30	225.40 225.89	OUT IN	NW NE	8" 8"	TC PV	GOOD	
			+ +	225.65	IN	SE	8"	TC		
S1119	803659.28	1965168.36	217.71	212.01	OUT	NW	8"	TC	GOOD	

COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE	COLUMN DESCRIPTION	EXAMPLE
	a) Reference the Utility Unique Identifier (UUI)	E1, G1, OH15	STATION	a) Reference the station of the begin & end of linear utility	01+23 - 45+67	Reference utility owner by name or by Owner Ref Abbr	LOCAL POWER CO
UTILITY	b) Reference Sewer Manhole Number (SMN)	S001, SMH-02	RANGE	b) Reference the station location of utility appurtenance	01+23	OWNERSHIP From Title Sheet	LPC
	c) Reference Utility Information Tags (UIT)	U001, U05		c) Reference the station location of mahole	01+23		
POLE	Reference the Utility Pole ID Number	P001, P25	OFFSET	a) Reference the offset of the begin & end of linear utility	15R - 15R	Reference Owner Number, Height,	DPC123, 35', 12", WOOD
FOLL		F001, F25	UTISET	a) Reference the offset of the begin & end of finear durity	1311-1311	Diameter, and Material of pole	br C123, 33 , 12 , WOOD
	Reference the Alignment used for stationing		RANGE	b) Reference the offset location of utility appurtenance	25L	POLE DATA	
ALIGNMENT	Use design alignments when available			c) Reference the offset location of manhole	25L		
ROUTE		MAIN ST.	ITEM IN	a) Reference utility type, size, & material	TELEPHONE, COPPER / GAS 6" DI	REMARKS a) Further details including capacity, etc.	
RD	~All geometric data used will be referenced to the project	MAIN ST RELOC	PLACE	b) Reference the utility appurtenance type	U/G PEDESTAL	MISC NOTES b) List Sewer rims and invert elevations	RIM=123.45, INV IN=123.45 INV OUT=123.45
	datum~			c) Reference manhole	SEWER MH	c) List details and desc, sizes, record information, etc.	RECORDS SHOW INFO

## UTILITY DATA

MANHOLE DATA

FRUCTURE	NORTHING (N)	EASTING (E)	RIM ELEVATIO	N INVERT (FEET)	IN/OUT	DIRECTION	SIZE	MATERIAL	MANHOLE CONDITION	MISC INFORMATION
S1120	803768.09	1965098.91	215.79	211.46	OUT	NW	8"	TC	GOOD	
				211.55	IN	S	8"	ТС		
C1121	902971 72	1065062.07	214 61	212.44		SE	4" 8"	PV	C00D	4" PV LATERAL FROM BUILDING
S1121	803871.72	1965063.07	214.61	210.90 211.01	OUT IN	S NW	8" 8"	DI TC	GOOD	PIPE EXPOSED IN DITCH
S1122	803895.02	1965087.20	215.28	210.45	OUT	W	8"	тс	GOOD	
64499		1005000.01	212.51	210.61	IN	SW	8"	DI		PIPE EXPOSED IN DITCH
S1123	803998.02	1965092.94	218.61	210.40 211.74	OUT IN	NW E	12" 12"	TC TC	GOOD	
S1124	804069.06	1965329.36	221.69	213.92	OUT	W	12"	TC	GOOD	
S1139	796931.61	1970704.59	184.15	177.24	OUT	SW	8"	PV	GOOD	
61140	70000000	1070000 27	102 72	177.55		NE	8" C"	PV	C00D	
S1140	796930.62	1970690.37	183.72	177.14 177.76	OUT IN	SW NW	6" 6"	PV PV	GOOD	
				177.20	IN	NE	6"	PV		
S1141	796593.68	1970885.78	185.69	179.98	OUT	NW	8"	PV	GOOD	
C1142	706724 17	1970782.86	105.22	180.05	IN	SE	8" 8"	PV	C00D	
S1142	796734.17	1970782.86	185.22	178.43 179.49	OUT IN	NW SE	8" 8"	PV PV	GOOD	
S1147	796326.50	1971038.46	185.48	181.05	OUT	SW	8"	PV	GOOD	BACKFLOW BETWEEN MANHOLES S1147 TO S1148. FIELD INVESTIGATION VERIFIED THAT JINFLOW OF MH S1147 HIGHEF
	750520.50									THAN OUTFLOW OF MH S1148.
				181.21	IN	NE	8"	DI		BACKFLOW BETWEEN MANHOLES S1147 TO S1148.
S1148	796295.39	1971055.26	185.31	181.02	OUT	NW	8"	DI	GOOD	FIELD INVESTIGATION VERIFIED THAT IINFLOW OF MH S1147 HIGHEF THAN OUTFLOW OF MH S1148.
				181.41	IN	SE	8"	DI		STUD OUT. NO FLOW.
S1149	796403.81	1971180.17	192.24	181.29 184.76	IN OUT	NE SW	8" 8"	DI PV	GOOD	
31149	130403.81	12/1100.1/	192.24	184.76	IN	NE SW	<u>8"</u> 8"	PV PV	GUUD	
S1150	799430.22	1968963.70	227.53	215.33	OUT	W	12"	тс	GOOD	FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW
				216.64	IN	N	8"	ТС		8" TC LATERAL FROM BUILDING
				216.64	IN	E	<u> </u>	ТС		8 TC LATERAL FROM BUILDING
S1151	799531.95	1968700.51	227.40	215.37	OUT	N	12"	PV	GOOD	FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW
				217.44	IN	E	8"	PV		8" PV LATERAL FROM BUILDING
				215.19	IN	S	12"	ТС		
S1152	799392.91	1969134.85	224.08	214.53	OUT	W	12"	ТС	GOOD	
				216.39 215.54	IN IN	N E	6" 12"	PV TC		
S1153	799365.16	1969268.31	223.52	215.54	OUT	W	12	ТС	GOOD	
				215.71	IN	E	12"	ТС		
S1155	799340.40	1969628.52	225.77	215.89	OUT	W	12"	TC	POOR	
				217.57 216.66	IN IN	E S	<u>12"</u> 8"	TC TC		
				224.57	IN	NW	2"	PV		2" PV LATERAL FROM BUILDING
S1158	799221.94	1969661.42	221.83	217.22	OUT	N	10"	ТС	GOOD	
				217.45	IN	E	8"	PV		
S1159	799271.21	1969663.26	224.95	217.27 218.08	IN OUT	S S	8" 10"	TC TC	FAIR	
31123	799271.21	1909003.20	224.95	218.08	IN	E	10"	ТС	FAIN	
S1161	796907.38	1970686.70	N/A	N/A	N/A	N/A	N/A	N/A	N/A	MANHOLE NOT ACCESSABLE. BEHIND GATE OF CITY OF COLUMBIA SANITARY LIFT STATION.
S1162	796886.06	1970681.80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	MANHOLE NOT ACCESSABLE.
S1163	801435.54	1964957.87	189.25	183.85	OUT	SW	8"	тс	FAIR	BEHIND GATE OF CITY OF COLUMBIA SANITARY LIFT STATION.
51105	001455.54	1304337.07	103.25	184.02	IN	NE	8"	ТС		
S1164	801679.81	1965032.00	191.21	185.85	OUT	SW	8"	тс	FAIR	FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW
				185.82	IN	N	8"	UNK MET		UNABLE TO DETERMINE PIPE METAL TYPE
				185.87	IN	NE	6"	TC		6" TC LATERAL FROM BUILDING
S1165	801877.41	1965028.82	192.15	185.94 186.95	IN OUT	SE S	6" 8"	TC TC	FAIR	6" TC LATERAL FROM BUILDING
COTTC	0010//.41	1703026.82	172.13	186.95	IN	E	<u> </u>	PV	ΓΑΙΝ	
S1166	801876.45	1965097.47	197.76	187.98	OUT	W	8"	PV	FAIR	
				188.20	IN	SE	8"	TC		
S1167	801821.90	1965181.25	197.89	191.18 191.25	OUT IN	NW E	8" 8"	TC TC	FAIR	
				191.25	IN	SE	<u> </u>	ТС		6" TC LATERAL FROM BUILDING
S1168	801821.20	1965337.24	213.96	206.58	OUT	W	8"	тс	FAIR	
				206.73	IN	N	8"	TC		8" TC LATERAL FROM BUILDING
S1169	802286.64	1965342.28	222.11	213.89 214.63	OUT IN	NW SE	8" 4"	TC UNK	FAIR	4" UNKNOWN MATERIAL TYPE LATERAL FROM BUILDING
				214.63	IN	SE	4"	TC		4" UNKNOWN MATERIAL TYPE LATERAL FROM BUILDING 4" TC LATERAL FROM BUILDING
S1170	802467.87	1965281.17	221.55	212.40	OUT	NW	8"	ТС	FAIR	
511/0				212.86	IN	S	8"	TC		
	000010 = -	4005000	242.25	202.2.5	<u> </u>		1.111		1.000	
S1170 S1172	802816.74	1965206.08	212.32	202.34 204.63	OUT IN	SW E	<u>8"</u> 4"	TC PV	GOOD	4" PV LATERAL FROM BUILDING

REV. NO.	B
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INITIAL	

FED.	RD	_			ROAD	SHEET
DIV.		STATE	COUNTY	FILE NO.	NO.	NO.
:	3	S.C.	RICHLAND/LEXINGTON	P039718	-26/ -20/ -126	U4L

			-	
ВΥ	DATE	DESCRIPTION OF REVISION		NA DEPARTMENT PORTATION
			ROAD DESIGN	COLUMBIA, S.C.
			_	
			MANHOLE	DATA SHEET
			NOT TO SCALE	DWG: CCR_PH1_SHT_U4L

STRUCTURE NUMBER	NORTHING ( N )	EASTING (E)	RIM ELEVATION (FEET)	INVERT (FEET)	IN/OUT	DIRECTION	SIZE	MATERIAL	MANHOLE CONDITION	MISC INFORMATION
S1173	802850.38	1965150.82	208.05	200.87	OUT	SW	8"	TC	GOOD	
				201.45	IN	W	8"	ТС		8" TC LATERAL FROM BUILDING
				202.89	IN	NW	4"	TC		4" TC LATERAL FROM BUILDING
				204.15	IN	E	4"	TC		4" TC LATERAL FROM BUILDING
				201.95	IN	E	4"	TC		4" TC LATERAL FROM BUILDING
				201.59	IN	E	8"	TC		
S1174	803106.50	1964948.54	205.29	200.17	OUT	SW	8"	TC	GOOD	
				201.19	IN	NE	4"	TC		4" TC LATERAL FROM BUILDING
				200.79	IN	SE	4"	TC		4" TC LATERAL FROM BUILDING
S1175	803186.78	1964846.37	202.29	198.68	OUT	S	8"	ТС	GOOD	CONNECTION OUTSIDE PROJECT LIMITS
				198.76	IN	NW	6"	ТС		6" TC LATERAL FROM BUILDING
				198.95	IN	W	4"	PV		4" PV LATERAL FROM BUILDING
				198.87	IN	NE	8"	TC		
S1176	804255.90	1963763.87	227.58	221.16	OUT	NE	8"	TC	GOOD	
				221.77	IN	SW	8"	TC		8" TC LATERAL FROM BUILDING
S1177	804296.55	1963913.47	225.54	220.60	Ουτ	E	8"	TC	GOOD	
				220.65	IN	W	8"	ТС		
S1179	804197.43	1964066.01	215.23	208.86	OUT	NE	8"	PV	GOOD	
				208.95	IN	S	8"	PV		8" PV LATERAL FROM BUILDING
S1180	804310.54	1964022.08	221.96	213.33	Ουτ	SE	8"	TC	GOOD	
				214.56	IN	W	8"	TC		
S1181	804278.25	1964115.39	217.62	207.42	OUT	E	8"	TC	GOOD	
				207.81	IN	W	8"	TC		
			<u>†                                    </u>	207.71	IN	NW	8"	TC		
S1182	804259.85	1964234.37	214.52	193.28	OUT	SE	18"	UNK	GOOD	
51102	JJ-2JJ.0J	±JU72J7.J/	217.J2	201.11	IN	W	 8"	TER	3000	
			+ +	193.50	IN	VV NE	8 18"	UNK		CROSSES I-26
C1102	804193.42	1964317.73	211.67	193.06	OUT	+ +	UNK	UNK	COOD	UNABLE TO DETERMINE PIPE SIZE OR MATERIAL TYPE
S1183	004133.42	1704017.73	211.67	193.06	IN	S NW		UNK	GOOD	UNABLE TO DETERMINE PIPE SIZE OR MATERIAL TYPE
				195.00			UNK	UNK		UNABLE TO DETERMINE PIPE SIZE OR MATERIAL TYPE
S1184	803962.77	1964240.20	205.37	190.86	OUT	SW	UNK	UNK	GOOD	
				100.00						CONNECTION OUTSIDE PROJECT LIMITS
C1105	001024.12	1004077 00	100.00	190.89	IN	NE	UNK	UNK	EALD	UNABLE TO DETERMINE PIPE SIZE OR MATERIAL TYPE
S1185	801334.12	1964877.23	189.00	183.02	OUT	SW	20"	UNK	FAIR	UNABLE TO DETERMINE PIPE MATERIAL TYPE
										UNABLE TO DETERMINE PIPE METAL TYPE
				183.07	IN	N	20"			BACKFLOW BETWEEN MANHOLES S1185 to S1196.
										FIELD INVESTIGATION VERIFIED THAT IINFLOW OF MH S1185 HIGH
										THAN OUTFLOW OF MH S1196.
S1186	801236.23	1964717.28	196.06	182.48	OUT	SE	20"	TC	FAIR	CROSSES I-20
				182.64	IN	NE	20"	TC		
				182.99	IN	SW	8"	TC		
				189.46	IN	SW	8"	ТС		OUTSIDE DROP AT 189.46
S1187	800948.97	1964235.18	222.46	210.00	OUT	NE	8"	TC	FAIR	
				210.10	IN	SW	8"	TC		
S1188	800839.05	1964086.17	227.05	212.44	OUT	NE	8"	UNK	FAIR	UNABLE TO DETERMINE PIPE MATERIAL TYPE
				212.51	IN	NW	8"	UNK		UNABLE TO DETERMINE PIPE MATERIAL TYPE
				213.20	IN	SW	8"	UNK		UNABLE TO DETERMINE PIPE MATERIAL TYPE
S1189	800743.04	1963962.78	227.21	213.94	OUT	SW	8"	UNK	FAIR	UNABLE TO DETERMINE PIPE MATERIAL TYPE
				215.77	IN	NE	8"	UNK		UNABLE TO DETERMINE PIPE MATERIAL TYPE
S1190	800573.33	1963705.75	227.06	217.87	OUT	SE	8"	TC	FAIR	
				218.68	IN	SW	8"	TC		
				217.96	IN	NW	8"	TC		
S1191	800481.59	1963585.30	238.69	231.36	OUT	SW	8"	TC	FAIR	
				231.78	IN	NE	8"	ТС		
S1192	800352.19	1963385.06	243.66	232.96	OUT	NE	8"	TC	FAIR	
				233.05	IN	SW	8"	TC		
S1193	800241.07	1963206.41	242.60	233.99	OUT	NE	8"	TC	FAIR	
	· · · · · · · · · · · · · · · · · · ·			234.18	IN	SW	8"	TC		
			† †	235.48	IN	NW	6"			6" UNKNOWN METAL TYPE LATERAL FROM BUILDING
S1194	800178.40	1962971.75	240.70	235.56	OUT	E	8"	TC	FAIR	
	JUJ1, 0, TU	1.1.5		235.50	IN	W	5"	UNK MET		UNABLE TO DETERMINE PIPE METAL TYPE
			† †	237.61	IN	N	6"	PV		6" PV LATERAL FROM BUILDING
S1195	801100.44	1964480.25	208.45	202.08	OUT	NE	8"	TC	FAIR	
		200 1100.20		202.08	IN	SW	8"	TC	. /	
			+ +	202.27	IN	NW	8"	TC		8" TC LATERAL FROM BUILDING
			+ +	200.02	114					UNABLE TO DETERMINE PIPE METAL TYPE
S1196	801406.96	1964868.38	189.45	182.96	OUT	S	20"	UNK MET	FAIR	BACKFLOW BETWEEN MANHOLES S1185 to S1196. FIELD INVESTIGATION VERIFIED THAT IINFLOW OF MH S1185 HIGH
										THAN OUTFLOW OF MH S1196.
				183.22	IN	NE	8"	DI		
			<u> </u>	184.22	IN	NW	8"	TC		
				182.91	IN	N	UNK	UNK		UNABLE TO DETERMINE PIPE SIZE OR MATERIAL TYPE FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN
			ļ							INFLOW
S1197	799547.99	1967754.56	220.99	211.59	OUT	S	8"	тс	GOOD	
				212.64	IN	E	8"	TC		
				211.70	IN	N	8"	TC		
S1198	800302.64	1967058.28	258.67	250.38	OUT	SE	8"	PV	GOOD	
S1199	799564.90	1967756.42	N/A	N/A	N/A	N/A	N/A	N/A	N/A	MH PAVED OVER
						,				STANDING WATER IN MANHOLE
	I	1954587.05	276.43	267.68	OUT	SE	8"	UNK	POOR	
S1200	815900.08	133 1307.03						1 1		UNABLE TO DETERMINE MATERIAL TYPE

COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE
	a) Reference the Utility Unique Identifier (UUI)	E1, G1, OH15	STATION	a) Reference the station of the begin & end of linear utility	01+23 - 45+67		Reference utility owner by name or by Owner Ref Abbr	LOCAL POWER CO
UTILITY	b) Reference Sewer Manhole Number (SMN)	S001, SMH-02	RANGE	b) Reference the station location of utility appurtenance	01+23	OWNERSHIP	From Title Sheet	LPC
	c) Reference Utility Information Tags (UIT)	U001, U05		c) Reference the station location of mahole	01+23			
POLE	Reference the Utility Pole ID Number	P001, P25	OFFSET	a) Reference the offset of the begin & end of linear utility	15R - 15R		Reference Owner Number, Height, Diameter, and Material of pole	DPC123, 35', 12", WOOD
	Reference the Alignment used for stationing		RANGE	b) Reference the offset location of utility appurtenance	25L	POLE DATA		
ALIGNMENT	Use design alignments when available			c) Reference the offset location of manhole	25L			
ROUTE		MAIN ST.	ITEM IN	a) Reference utility type, size, & material	TELEPHONE, COPPER / GAS 6" DI	REMARKS	a) Further details including capacity, etc.	
RD	~All geometric data used will be referenced to the project	MAIN ST RELOC	PLACE	b) Reference the utility appurtenance type	U/G PEDESTAL	MISC NOTES	b) List Sewer rims and invert elevations	RIM=123.45, INV IN=123.45 INV OUT=123.45
	datum~			c) Reference manhole	SEWER MH		c) List details and desc, sizes, record information, etc.	RECORDS SHOW INFO

## UTILITY DATA

MANHOLE DATA

51201	804028.78	1965047.50	215.34	208.44
				208.54
				208.57
S1202	803331.67	1965626.53	244.25	234.03
				234.33
				241.73
S1203	803377.70	1965437.56	230.64	225.93
01200		1909 197190	200101	226.23
S1700	814904.87	1955433.09	247.43	238.91
51700	014004.87	1555455.05	247.43	239.22
61705	015640-11	1055224.22	252 50	239.14
S1705	815648.11	1955234.22	253.58	245.19
				245.69
				245.50
S1711	802078.22	1970684.22	295.12	280.68
				281.07
				281.09
S1714	805680.37	1964637.84	212.83	203.88
				204.88
				204.17
				205.01
				206.53
				200.33
S1715	802573.05	1972987.41	262.31	257.33
				258.78
				257.97
				258.14
S1716	800225.91	1967992.56	230.59	221.38
				221.75
				226.49
S1717	800473.00	1967814.55	238.80	228.33
				228.47
				232.52
S1718	800541.93	1967899.14	236.45	229.84
01/10		100,000111	200110	229.96
S1729	804273.31	1964041.34	219.11	212.87
51725	004275.51	1304041.34	215.11	212.07
				213.18
S1730	802612.33	1966329.80	285.58	277.93
51750	802012.33	1900329.80	265.56	277.99
				279.99
61700	700269.60	1007022.02	212.21	
S1733	799368.60	1967823.63	213.31	207.32
				207.72
				207.51
S1744	802758.72	1965001.40	202.84	197.95
				100 74
				198.74
				198.69
				198.50
S1800	801902.63	1972513.24	330.75	318.37
				318.81
S1801	801823.78	1972416.47	331.44	321.41
				324.87
				321.25
	000007.40		044.75	
S1802	803837.42	1974467.41	211.75	206.42
				206.83
S1803	803797.93	1974488.32	214.98	207.75
				210.80
				208.22
S1804	804111.86	1974986.88	191.03	185.98
				186.05
				186.88
S1806	804146.67	1975056.82	187.10	182.90
				183.37
S1808	802130.04	1972701.16	303.02	294.51
				294.94
				206 21

EASTING RIM ELEVATION INVERT

1965047.50 215.34

(FEET)

(E)

(FEET)

208.44

296.21

219.79

220.08 221.26

324.19

331.80

1968167.48 225.92

1946926.01 337.77 323.57

S1809

799982.51

S1810 823392.66

STRUCTURE NORTHING

(N)

804028.78

NUMBER

S1201

DATE	DESCRIPTION OF REVISION	SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION	
		ROAD DESIGN	COLUMBIA, S.C.
		_	
			E DATA SHEET
		NOT TO SCALE	DWG: CCR_PH1_SHT_U4M
	DATE	DATE DESCRIPTION OF REVISION	DATE DESCRIPTION OF REVISION OF TRAN ROAD DESIGN MANHOLE

IN/OUT	DIRECTION	SIZE	MATERIAL	MANHOLE CONDITION	MISC INFORMATION
OUT	N	12"	TC	GOOD	
IN	NW	12"	тс		
IN	S	8"	тс		
OUT	SW	8"	PV	GOOD	
IN	NE	8"	PV		
	SW	2"	PV	C005	2" FORCE MAIN FROM BUILDING
	SE NE	8" 8"	PV PV	GOOD	+
IN OUT	NE NW	<u>8"</u> 12"	PV UNK MET	POOR	UNABLE TO DETERMINE PIPE METAL TYPE
 IN	SE	12"		ruuk	UNABLE TO DETERMINE PIPE METAL TYPE
IN	N N	12"			UNABLE TO DETERMINE PIPE METAL TYPE
OUT	S	12	TC	GOOD	CONNECTION OUTSIDE PROJECT LIMITS
IN	W S	12	TC	3000	
IN	N	12"	TC		CONNECTION OUTSIDE PROJECT LIMITS
OUT	S	12"	TC	FAIR	CONNECTION OUTSIDE PROJECT LIMITS
IN	NW	12"	TC	• • •	
IN	E	10"	TC		CONNECTION OUTSIDE PROJECT LIMITS
OUT	S	18"	UNK	FAIR	UNABLE TO DETERMINE PIPE MATERIAL TYPE
IN	E	8"	тс		CONNECTION OUTSIDE PROJECT LIMITS
IN	W	10"	тс		CONNECTION OUTSIDE PROJECT LIMITS
IN	N	8"	тс		CONNECTION OUTSIDE PROJECT LIMITS
INI	сг	6"			UNABLE TO DETERMINE PIPE METAL TYPE
IN	SE	Ø	UNK MET		CONNECTION OUTSIDE PROJECT LIMITS
OUT	NE	8"	тс	GOOD	CONNECTION OUTSIDE PROJECT LIMITS
IN	SW	8"	тс		
IN	W	4"	PV		4" PV LATERAL FROM BUILDING
IN	NW	8"	PV		CONNECTION OUTSIDE PROJECT LIMITS
OUT	SE	8"	тс	POOR	
IN	NW	8"	тс		
IN	NE	4"	PV		4" PV LATERAL FROM BUILDING
OUT	SE	8"	TC	GOOD	
IN	NE	8"	TC		
IN	S	4"	CI		4" CI LATERAL FROM SEWER SEPTIC TANK
OUT	SW	8"	TC	GOOD	<u> </u>
IN	NE	8"	TC	<u> </u>	<u> </u>
OUT	NE	8"	TC	GOOD	<u> </u>
IN	NW	8"	TC		
	SW	8" o"	TC TC	C005	
	W	8" o"	TC TC	GOOD	
	NE E	8" 2"	TC PV		
	E W/			EAID	2" FORCE MAIN
	W NE	15" 15"	UNK MET	FAIR	UNABLE TO DETERMINE PIPE METAL TYPE UNABLE TO DETERMINE PIPE METAL TYPE
IN IN	NE N	<u>15"</u> 12"			UNABLE TO DETERMINE PIPE METAL TYPE
IIN		12			CONNECTION OUTSIDE PROJECT LIMITS
OUT	W	8"	UNK MET	GOOD	UNABLE TO DETERMINE PIPE METAL TYPE
IN	E	8"	тс		
IN	N	<u> </u>	TC		CONNECTION OUTSIDE PROJECT LIMITS
IN	S	<u>4</u> 4"	TC		CONNECTION OUTSIDE PROJECT LIMITS
OUT	E		PV	GOOD	
IN	W	8"	тс		1
OUT	E	8"	тс	GOOD	1
IN	W	6"	PV		OUTSIDE DROP AT 324.87
					FIELD INVESTIGATION VERIFIED THAT BOTTOM OF OUTSIDE DROP SITS
IN	W	6"	PV		LOWER THAN OUTFLOW ELEVATION.
OUT	NE	8"	тс	FAIR	
IN	SE	8"	тс		
OUT	NW	8"	тс	FAIR	
IN	SE	8"	тс		CONNECTION OUTSIDE PROJECT LIMITS
IN	SW	8"	тс		CONNECTION OUTSIDE PROJECT LIMITS
OUT	NE	8"	тс	FAIR	
IN	SW	8"	тс		
IN	SE	6"	TC		6" TC LATERAL FROM BUILDING
OUT	SE	8"	тс	FAIR	CONNECTION OUTSIDE PROJECT LIMITS
IN	SW	8"	TC		
OUT	NE	8"	PV	FAIR	
IN	SW	8"	PV		
IN	W	6"	PV		
OUT	SE	8"	тс	FAIR	
IN	NW	8"	DIP		
IN	E	4"	PV		4" PV LATERAL FROM BUILDING
	NE	8"	UNK	POOR	UNABLE TO DETERMINE PIPE MATERIAL TYPE
OUT	SW	8"	PV		
IN					OUTSIDE DROP AT 331.80
IN		<b></b>			
	sw	8"	UNK MET		CONNECTION OUTSIDE PROJECT LIMITS UNABLE TO DETERMINE PIPE METAL TYPE

 FED. RD. DIV. NO.
 STATE
 COUNTY
 FILE NO.
 ROAD NO.
 SHEET NO.

 3
 S.C.
 RICHLAND/LEXINGTON
 P039718
 I-26/I-20/I-126
 U4M

MISC INFO	MANHOLE CONDITION	MATERIAL	SIZE	DIRECTION	IN/OUT	INVERT (FEET)	RIM ELEVATION (FEET)	EASTING (E)	NORTHING (N)	STRUCTURE NUMBER
FIELD INVESTIGATION VERIFIED TH	FAIR	тс	16"	NE	OUT	172.22	180.57	1967716.85	794147.93	S1811
	FAID	TC	16"	SW	IN	172.16	170.24	1007005 24	704002.00	61912
	FAIR	TC TC	16" 16"	NE SW	OUT IN	172.69 172.74	179.24	1967685.24	794063.99	S1812
FIELD INVESTIGATION VERIFIED TH	FAIR	тс	16"	NE	OUT	174.44	182.88	1967576.59	793805.61	S1813
	FAIR	TC PV	16" 8"	NW SE	IN OUT	174.39 179.84	186.84	1967882.10	794556.90	S1814
	TAIN	PV	8"	NE	IN	179.84	180.84	1907882.10	794550.90	51014
	FAIR	PV	8"	SW	OUT	216.74	219.96	1968047.50	794957.84	S1815
	FAIR	TC TC	8" 8"	S W	OUT IN	217.41 217.81	223.74	1967729.79	799855.72	S1816
6" PV LATERAL FRO		PV	6"	SW	IN	219.92				
COULD NOT OBTAIN DATA. N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1969901.81	799273.46	S1817
	FAIR	TC TC	12" 12"	W E	OUT IN	219.04 219.13	226.85	1969745.39	799345.00	S1818
PLUGGED. NO		TC	8"	N	IN	220.49				
	FAIR	TC	12"	W	OUT	220.53	231.73	1970050.31	799353.70	S1819
		TC	12" 12"	E		220.75				
PLUGGED. NO STUB OUT. NO		TC TC	12	NE SW	N/A N/A	222.65 222.53				
	GOOD	PV	8"	SE	OUT	215.32	227.93	1972729.04	795001.15	S1820
8" PV LATERAL FRO		PV	8"	NW	IN	215.36				
	FAIR	TC TC	16" 16"	NE SW	OUT IN	180.06 180.16	186.44	1966916.42	793832.89	S1821
FIELD INVESTIGATION VERIFIED TH	FAIR	тс	16"	E	OUT	170.56	179.44	1967930.22	794369.14	S1823
		тс	16"	SW	IN	170.51				
		PV	8"	N	IN	171.75				
	GOOD	PV PV	8" 8"	SW NW	OUT IN	298.69 299.98	315.22	1947910.67	823172.45	S1824
CONNECTION OUTSID	POOR	PV	8"	SE	OUT	299.98	304.32	1947735.71	822898.88	S1825
		PV	8"	NE	IN	294.29				
8" TC LATERAL FRO	FAIR	TC TC	8" 8"	SE N	OUT IN	232.54 232.50	247.60	1963756.73	801149.32	S1830
8" PV LATERAL FR		PV	8"	W	IN	232.50				
	FAIR	TC	8"	SE	OUT	227.31	236.94	1963884.40	801030.17	S1831
		TC	8"	NW	IN	228.23				
6" PV LATERAL FRO FIELD INVESTIGATION VERIFIED TH INFLO	FAIR	PV TC	6" 8"	SW	IN OUT	229.02 217.70	233.30	1963739.64	800545.22	51832
		TC	8"	NW	IN	217.69				
	FAIR	TC	8"	SE	OUT	219.62	230.41	1963557.33	800723.68	S1833
8" TC LATERAL FRO 6" TC LATERAL FRO		TC TC	8" 6"	NW SW	IN IN	219.83 221.01				
0 ICLATERAL FRO	FAIR	TC	8"	SE	OUT	184.65	190.94	1964744.25	801512.97	S1834
CONNECTION OUTSID FIELD INVESTIGATION VERIFIED TH	FAIR	тс тс	8" 20"	N S	IN OUT	185.00 183.25	191.12	1964892.45	801695.56	S1835
CONNECTION OUTSID	FAIR	TC TC	20" 20"	N SE	IN OUT	183.23 181.32	189.64	1964854.62	800949.83	S1837
		TC	20"	NW	IN	181.56				
	FAIR	TC	20" 20"	SE	OUT	179.39	187.21	1965032.25	800940.50	S1838
	FAIR	TC TC	20	SW SE	IN OUT	179.58 177.29	185.65	1964992.47	800692.10	S1839
		TC	20"	NE	IN	177.47				
CONNECTION OUTSID	FAIR	TC	20"	SE	OUT	175.09	181.74	1965132.85	800210.09	S1840
CONNECTION OUTSID		TC TC	20" 8"	NW NE	IN IN	175.11 175.37				
	FAIR	TC	20"	S	OUT	178.51	186.25	1965113.99	800868.17	S1841
	FAIR	TC TC	20" 20"	NW SW	IN OUT	178.93 178.03	184.77	1965119.90	800769.64	S1842
	FAIN	TC	20"	N N	IN	178.05	164.77	1905119.90	800789.84	31042
	FAIR	TC	20"	NE	OUT	180.10	188.03	1964933.52	800884.67	S1843
	POOR	TC TC	20" 8"	NW E	IN OUT	180.86 227.73	233.16	1967492.67	799891.01	S1844
4" PV LATERAL FR	ruuk	PV	<u>8"</u> 4"	S	 IN	227.73	232.10	130/492.0/	10116966 /	31044
4" UNKNOWN METAL TYPE L		UNK MET	4"	NW	IN	228.35				
	EAID	PV	6"	NE		228.19	202.47	1070070 00	000706.06	C104C
CONNECTION OUTSID	FAIR	TC TC	10" 10"	SW NW	OUT IN	294.75 294.75	302.47	1970870.93	802726.36	S1846
	FAIR	TC	10	SE	OUT	281.76	296.50	1970574.96	802152.98	S1848
			12"	N	IN	282.40				
UNABLE TO DETERMINE F		TC	12				<u> </u>			

### UTILITY & POLE DATA TABLE DESCRIPTION

COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE	
	a) Reference the Utility Unique Identifier (UUI)	E1, G1, OH15	STATION	a) Reference the station of the begin & end of linear utility	01+23 - 45+67		Reference utility owner by name or by Owner Ref Abbr	LOCAL POWER CO	
UTILITY	b) Reference Sewer Manhole Number (SMN)	S001, SMH-02	RANGE	b) Reference the station location of utility appurtenance	01+23	OWNERSHIP	From Title Sheet	LPC	
	c) Reference Utility Information Tags (UIT)	U001, U05		c) Reference the station location of mahole	01+23				
POLE	Reference the Utility Role ID Number	P001, P25	OFFSET	a) Reference the offset of the begin & end of linear utility	15R - 15R		Reference Owner Number, Height,	DPC123, 35', 12", WOOD	
POLL	Reference the Utility Pole ID Number	F001, F25	OFFSET	a) Reference the offset of the begin & end of finear utility	124 - 124		Diameter, and Material of pole	br C123, 55 , 12 , WOOD	
	Reference the Alignment used for stationing		RANGE	b) Reference the offset location of utility appurtenance	25L	POLE DATA			
ALIGNMENT	Use design alignments when available			c) Reference the offset location of manhole	25L				
ROUTE		MAIN ST.	ITEM IN	a) Reference utility type, size, & material	TELEPHONE, COPPER / GAS 6" DI	REMARKS	a) Further details including capacity, etc.		
RD	~All geometric data used will be referenced to the project	MAIN ST RELOC	PLACE	b) Reference the utility appurtenance type	U/G PEDESTAL	MISC NOTES	b) List Sewer rims and invert elevations	RIM=123.45, INV IN=123.45	
								INV OUT=123.45	
	datum~			c) Reference manhole	SEWER MH		c) List details and desc, sizes, record information, etc.	RECORDS SHOW INFO	

# UTILITY DATA

MANHOLE DATA

# MISC INFORMATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW / LATERAL FROM BUILDING TAIN DATA. MANHOLE PAVED OVER. PLUGGED. NO FLOW. PLUGGED. NO FLOW. STUB OUT. NO FLOW. / LATERAL FROM BUILDING VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW

TION OUTSIDE PROJECT LIMITS

LATERAL FROM BUILDING / LATERAL FROM BUILDING

/ LATERAL FROM BUILDING VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW

LATERAL FROM BUILDING

LATERAL FROM BUILDING

TION OUTSIDE PROJECT LIMITS VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW

TION OUTSIDE PROJECT LIMITS

TION OUTSIDE PROJECT LIMITS

TION OUTSIDE PROJECT LIMITS

/ LATERAL FROM BUILDING VIETAL TYPE LATERAL FROM BUILDING

TION OUTSIDE PROJECT LIMITS

DETERMINE PIPE MATERIAL TYPE TION OUTSIDE PROJECT LIMITS

DETERMINE PIPE MATERIAL TYPE

										FED. RD.     STATE     COUNTY     FILE NO.     ROAD NO.
										3 S.C. RICHLAND/LEXINGTON P039718 I-26/I-20/I-126
STRUCTURE	NORTHING ( N )	EASTING (E)	RIM ELEVATION (FEET)	INVERT (FEET)	IN/OUT	DIRECTION	SIZE	MATERIAL	MANHOLE	MISC INFORMATION
S1852	805661.62	1977258.92	165.60	152.74	OUT	SE	30"	тс	CONDITION GOOD	
				152.74	IN	SW	30"	UNK		UNABLE TO DETERMINE PIPE MATERIAL TYPE
S1853	805527.97	1976985.87	165.97	152.97	OUT	NE	30"	TC	GOOD	
				152.99	IN	SW	30"	TC		FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN
S1854	805349.69	1976628.86	165.76	153.49	OUT	NE	30"	тс	GOOD	INFLOW
				153.46	IN	W	30"	ТС		
S1855	805340.05	1976581.51	165.95	153.84 153.84	OUT IN	E N	30" 30"	TC TC	GOOD	
S1856	805527.47	1976522.74	165.80	155.84	OUT	SE	30"	тс	POOR	
				155.73	IN	W	18"	TC		
				159.90	IN	W	18"	TC		OUTSIDE DROP AT 159.90
S1857	805532.19	1976508.16	165.89	154.56 160.35	IN OUT	NW SE	30" 8"	TC TC	POOR	CONNECTION OUTSIDE PROJECT LIMITS
31037	803332.19	1970308.10	103.89	160.33	 IN	W	8"	тс	POOR	CONNECTION OUTSIDE PROJECT LIMITS
				160.36	IN	NW	8"	TC		CONNECTION OUTSIDE PROJECT LIMITS
S1858	809115.13	1960700.05	314.06	309.52	OUT	SE	8"	PV	GOOD	
C1050	000000.00	1001402-01	202.22	309.94		NW	8"	PV	FAID	CONNECTION OUTSIDE PROJECT LIMITS
S1859	808822.99	1961403.04	293.39	288.99 289.01	OUT IN	S W	8" 8"	PV PV	FAIR	CONNECTION OUTSIDE PROJECT LIMITS
S1860	810875.20	1958814.13	277.23	289.01	OUT	SE	8"	PV PV	FAIR	
				270.80	IN	NW	8"	PV		
S1862	810771.57	1958929.83	277.02	269.84	OUT	NE	8"	PV	FAIR	
64965	010011 10	1050252 40	202.20	269.85	IN	NW	8"	PV		
S1865	810311.19	1959353.49	283.30	276.72 277.60	OUT IN	NW S	8" 6"	PV PV	GOOD	
				276.90	IN	NE	8"	PV		
S1866	810493.64	1959667.25	289.98	283.51	OUT	SW	8"	PV	GOOD	
				283.58	IN	NE	8"	PV		CONNECTION OUTSIDE PROJECT LIMITS
S1867	810575.53	1959085.23	280.74	272.11	OUT	NW	8"	PV	GOOD	FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW
				271.95	IN	SE	8"	PV		
S1870	804304.67	1964865.00	216.23	206.57	OUT	NW	12"	UNK	FAIR	UNABLE TO DETERMINE PIPE MATERIAL TYPE
S1871	804442.98	1964571.02	223.81	206.64 203.75	IN OUT	SE NW	12" 12"	UNK MET TC	FAIR	UNABLE TO DETERMINE PIPE METAL TYPE
510/1	004442.50	1304371.02	223.01	203.99	IN	SE	12"	UNK		UNABLE TO DETERMINE PIPE MATERIAL TYPE
S1872	804475.08	1964539.41	223.42	202.39 202.63	OUT IN	NW SE	12" 12"	TC TC	FAIR	
S1873	804730.05	1964413.01	217.68	200.23	OUT	SE	18"	UNK MET	GOOD	FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW UNABLE TO DETERMINE PIPE METAL TYPE
				200.34	IN	NE	UNK	UNK		UNABLE TO DETERMINE PIPE SIZE OR MATERIAL TYPE
				200.20	IN	NE	UNK	UNK		UNABLE TO DETERMINE PIPE SIZE OR MATERIAL TYPE
S1874	804752.77	1964469.77	226.14	201.36	OUT	SW	UNK		POOR	UNABLE TO DETERMINE PIPE SIZE OR MATERIAL TYPE
S1875	804517.67	1964480.43	222.50	201.63 198.18	IN OUT	NE SW	18" UNK	UNK MET UNK	FAIR	UNABLE TO DETERMINE PIPE METAL TYPE UNABLE TO DETERMINE PIPE SIZE OR MATERIAL TYPE
010/0		1001100110		198.97	IN	SE	12"	ТС		
				198.22	IN	NW	18"	UNK MET		UNABLE TO DETERMINE PIPE METAL TYPE
S1876	804212.55	1965056.55	220.73	208.28	OUT	NW	12"		FAIR	UNABLE TO DETERMINE PIPE METAL TYPE
				208.32 209.09	IN IN	S NE	12" 8"	TC TC		
				203.03	IN	NE	8"	TC		OUTSIDE DROP AT 213.21
S1877	804275.97	1965114.91	224.18	213.90	OUT	SW	8"	тс	FAIR	
04075	000000	40000777	200.05	215.96		N	8"	TC		
S1878	805778.27	1963058.91	260.38	251.74 252.08	OUT IN	NW S	8" 4"	PV PV	FAIR	4" PV LATERAL FROM BUILDING
S1879	805911.95	1962939.33	252.36	252.08	OUT	NE	4 10"	UNK MET	FAIR	UNABLE TO DETERMINE PIPE METAL TYPE CROSSES I-26
				246.53	IN	NW	8"	тс		
				247.13	IN	SE	8"	PV		
S1880	805951.82	1962904.27	253.01	247.03	OUT	SE	8"	тс	FAIR	FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW
				247.02	IN	NW	8"	TC		
S1881	805989.83	1962783.37	256.30	247.07 250.40	IN OUT	SW SE	8" 8"	PV TC	FAIR	
				250.40	IN	SW	8"	TC	. ,	
				252.61	IN	NW	8"	тс		8" PV LATERAL FROM BUILDING
S1882	805685.18	1962530.12	271.04	266.25	OUT	NE	8"	TC TC	FAIR	
S1883	804489.01	1963372.02	253.46	266.26 243.49	IN OUT	SW S	8" 8"	TC UNK	FAIR	CONNECTION OUTSIDE PROJECT LIMITS UNABLE TO DETERMINE PIPE MATERIAL TYPE
51005	10.CO <del>FT</del> 00	1303372.02	233.40	243.49	IN	N N	<u> </u>	TC		
				248.70	IN	N	8"	тс		OUTSIDE DROP AT 248.70
				245.04		NW	8" 2"	TC		
I		1		247.89	IN	E	2"	PV		2" FORCE MAIN
S1884	804450.37	1963371.00	246.47	239.99	OUT	S	10"	UNK MET	FAIR	UNABLE TO DETERMINE PIPE METAL TYPE

REV. NO.	
4	
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INITIAL	

ВΥ	DATE	DESCRIPTION OF REVISION		NA DEPARTMENT SPORTATION
			ROAD DESIGN	COLUMBIA, S.C.
				DATA SHEET
			NOT TO SCALE	DWG: CCR PH1 SHT U4N

STRUCTURE NUMBER	NORTHING ( N )	EASTING (E)	RIM ELEVATION (FEET)	I INVERT (FEET)	IN/OUT	DIRECTION	N SIZE	MATERIAL	MANHOLE CONDITION	MISC INFORMATION
S1885	804192.93	1963382.05	237.93	231.43	OUT	E	10"	тс	FAIR	FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW
				231.41	IN	N	8"	PV		CONNECTION OUTSIDE PROJECT LIMITS
S1886	804594.49	1963369.23	265.92	260.88	OUT	S	8"	тс	FAIR	FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW
				261.23	IN	W	6"	PV		
				260.85 263.51	IN IN	N SW	8" 3"	TC PV		CONNECTION OUTSIDE PROJECT LIMITS 3" PV LATERAL FROM BUILDING
S1887	804615.52	1963055.80	282.24	269.42	OUT	SE	8" 8"	тс	FAIR	5 PV LATERAL PROIVI BUILDING
S1888	804566.62	1962945.66	281.89	269.47 277.28	IN OUT	SW NE	8"	TC TC	FAIR	
S1889	804646.89	1962583.22	292.77	277.50 287.32	IN OUT	W SE	8" 8"	TC TC	FAIR	
				288.74 287.66	IN	NW SW	8" 4"	PV		CONNECTION OUTSIDE PROJECT LIMITS 4" PV LATERAL FROM BUILDING
S1890	804800.81	1962982.42	286.95	287.00	IN OUT	SV	 6"	PV PV	POOR	4 PV LATERAL FROM BUILDING
	001000101	1001002112		282.75	IN	SW	6"	PV		CONNECTION OUTSIDE PROJECT LIMITS
				283.28	IN	NW	6"	PV		CONNECTION OUTSIDE PROJECT LIMITS
				282.96	IN	N	6"	PV		CONNECTION OUTSIDE PROJECT LIMITS
S1892	805703.40	1962742.02	257.05	249.57 251.10	OUT IN	NE SW	8" 8"	PV TC	FAIR	CONNECTION OUTSIDE PROJECT LIMITS
S1893	806008.19	1963204.70	246.60	239.30	OUT	NE	8"	PV	GOOD	FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW
				239.25	IN	NW	8"	UNK MET		UNABLE TO DETERMINE PIPE METAL TYPE
S1894	806047.21	1963170.69	244.93	239.81 240.34	IN OUT	SE SE	6" 8"	TC UNK MET	FAIR	6" TC LATERAL FROM BUILDING UNABLE TO DETERMINE PIPE METAL TYPE
61005	000125 20	1002200 10	240.21	240.58		SW	8"			
S1895	806135.29	1963280.19	240.21	235.43 235.60	OUT IN	NE SW	8" 8"	TC PV	FAIR	CONNECTION OUTSIDE PROJECT LIMITS
S1896	814837.77	1955989.43	264.73	257.57	OUT	SW	8"	тс	GOOD	
				258.02 258.61	IN IN	NE NW	8" 4"	TC PV		CONNECTION OUTSIDE PROJECT LIMITS 4" PV LATERAL FROM BUILDING
S1898	815211.21	1955344.26	248.13	241.45 241.85	OUT IN	S N	12" 12"	TC TC	GOOD	
S1899	814893.79	1955437.71	247.57	239.37	OUT	NW	12"	UNK MET	GOOD	UNABLE TO DETERMINE PIPE METAL TYPE
61000	702000 10	1075102 72	105.25	239.45		SE	8"	TC	FAID	
S1900	793660.16	1975102.73	196.36	190.56 192.45	OUT IN	E W	10" 8"	TC UNK MET	FAIR	UNABLE TO DETERMINE PIPE METAL TYPE
S1901	796805.75	1970885.82	187.42	180.85 181.19	OUT	SW N	12" 12"	TC TC	GOOD	
									600D	FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN
S1908	808875.15	1961006.84	309.20	304.80	OUT	E	8"	PV	GOOD	INFLOW
				304.75	IN	NW	8"	PV		INFLOW
\$1908 	808875.15	1961006.84 1967246.35	309.20 184.68	304.75 177.05	IN OUT	NW SE	8" 16"	PV TC	FAIR	
S1914	793950.23	1967246.35	184.68	304.75 177.05 178.83 181.30	IN OUT IN IN	NW SE SW N	8" 16" 16" 4"	PV TC TC PV	FAIR	
				304.75 177.05 178.83	IN OUT IN	NW SE SW	8" 16" 16"	PV TC TC		CROSSES I-20
S1914 S45799	793950.23 802558.08	1967246.35 1970482.58	184.68 307.90	304.75 177.05 178.83 181.30 293.03 293.06 294.11	IN OUT IN IN OUT IN IN	NW SE SW N S E NW	8" 16" 16" 4" 12" 10" 6"	PV TC TC PV TC TC TC PV	FAIR GOOD	
	793950.23	1967246.35	184.68	304.75 177.05 178.83 181.30 293.03 293.06 294.11 290.86	IN OUT IN OUT IN IN OUT	NW SE SW N S E NW SE	8" 16" 16" 4" 12" 10" 6" 8"	PV TC TC PV TC TC TC PV PV	FAIR	CROSSES I-20 6" PV LATERAL FROM BUILDING
\$1914 \$45799	793950.23 802558.08	1967246.35 1970482.58	184.68 307.90	304.75 177.05 178.83 181.30 293.03 293.06 294.11	IN OUT IN IN OUT IN IN	NW SE SW N S E NW	8" 16" 16" 4" 12" 10" 6"	PV TC TC PV TC TC TC PV	FAIR GOOD	CROSSES I-20 6" PV LATERAL FROM BUILDING 4" PV LATERAL FROM BUILDING
S1914 S45799	793950.23 802558.08	1967246.35 1970482.58	184.68 307.90	304.75         177.05         178.83         181.30         293.03         293.06         294.11         290.86         290.88         202.44	IN OUT IN OUT IN OUT IN OUT	NW SE SW N S E NW SE NW SW	8" 16" 4" 12" 10" 6" 8" 4" 18"	PV TC TC PV TC TC TC PV PV PV UNK MET	FAIR GOOD	CROSSES I-20 6" PV LATERAL FROM BUILDING
S1914 S45799 S45856	793950.23 802558.08 811153.98	1967246.35 1970482.58 1958557.92	184.68 307.90 296.20	304.75         177.05         178.83         181.30         293.03         293.06         294.11         290.86         290.88	IN OUT IN OUT IN OUT IN IN	NW SE SW N S E NW SE NW	8" 16" 16" 4" 12" 10" 6" 8" 4"	PV           TC           TC           PV           TC           PV           TC           PV           PV           PV           PV	FAIR GOOD GOOD	CROSSES I-20 CROSSES I-20 6" PV LATERAL FROM BUILDING 4" PV LATERAL FROM BUILDING FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW
\$1914 \$45799 \$45856	793950.23 802558.08 811153.98	1967246.35 1970482.58 1958557.92	184.68 307.90 296.20	304.75 177.05 178.83 181.30 293.03 293.06 294.11 290.86 290.88 202.44 202.32 202.32 204.28 198.70	IN OUT IN OUT IN OUT IN OUT IN IN IN OUT	NW SE SW N S E NW SE NW SE NW SW NW SW NW W	8" 16" 16" 4" 12" 10" 6" 8" 4" 18" 18" 18" 8"	PV           TC           TC           PV           TC           PV           TC           V           TC           V           TC           PV           TC	FAIR GOOD GOOD	CROSSES I-20 6" PV LATERAL FROM BUILDING 4" PV LATERAL FROM BUILDING FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW UNABLE TO DETERMINE PIPE METAL TYPE
S1914 S45799 S45856 S52189	793950.23 802558.08 811153.98 805023.37	1967246.35 1970482.58 1958557.92 1964614.75	184.68 307.90 296.20 211.52	304.75         177.05         178.83         181.30         293.03         293.06         293.06         294.11         290.86         290.88         202.44         202.32         204.28         198.70         198.88	IN OUT IN OUT IN OUT IN OUT IN IN IN IN IN IN IN IN IN	NW SE SW N S E NW SE NW SE NW SW NW NW NW	8" 16" 16" 4" 12" 10" 6" 8" 4" 18" 18" 18" 8" 8"	PV           TC           TC           PV           TC           PV           TC           V           V           PV           PV           PV           PV           PV           PV           TC           PV           TC           TC           TC           TC           TC           TC           TC           TC	FAIR GOOD GOOD FAIR	CROSSES I-20 6" PV LATERAL FROM BUILDING 4" PV LATERAL FROM BUILDING FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW UNABLE TO DETERMINE PIPE METAL TYPE
S1914 S45799 S45856 S52189	793950.23 802558.08 811153.98 805023.37	1967246.35 1970482.58 1958557.92 1964614.75	184.68 307.90 296.20 211.52	304.75 177.05 178.83 181.30 293.03 293.06 294.11 290.86 290.88 202.44 202.32 202.32 204.28 198.70	IN OUT IN OUT IN OUT IN OUT IN IN IN OUT	NW SE SW N S E NW SE NW SE NW SW NW SW NW W	8" 16" 16" 4" 12" 10" 6" 8" 4" 18" 18" 18" 8"	PV           TC           TC           PV           TC           PV           TC           V           TC           V           TC           PV           TC	FAIR GOOD GOOD FAIR	CROSSES I-20 6" PV LATERAL FROM BUILDING 4" PV LATERAL FROM BUILDING 4" PV LATERAL FROM BUILDING FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW UNABLE TO DETERMINE PIPE METAL TYPE
S1914 S45799 S45799 S45856 S52189 S52191	793950.23 802558.08 811153.98 805023.37 805038.80	1967246.35 1970482.58 1970482.58 1958557.92 1964614.75 1964607.70	184.68 307.90 296.20 211.52 211.62	304.75         177.05         178.83         181.30         293.03         293.06         294.11         290.86         290.88         202.44         202.32         204.28         198.88         207.81	IN OUT IN OUT IN OUT IN OUT IN IN OUT IN IN IN IN IN	NW SE SW N S E NW SE NW SE NW SW N N SW N N SW SW N SW	8" 16" 16" 4" 12" 10" 6" 8" 4" 18" 18" 8" 6" 18" 18" 18"	PV           TC           TC           PV           TC           PV           V           PV           UNK MET           TC           PV           TC           PV           TC           PV           TC           PV           TC           PV	FAIR GOOD GOOD FAIR FAIR	CROSSES I-20 6" PV LATERAL FROM BUILDING 4" PV LATERAL FROM BUILDING 4" PV LATERAL FROM BUILDING FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW UNABLE TO DETERMINE PIPE METAL TYPE
S1914 S1914 S45799 S45799 S52189 S52189 S52191	793950.23 802558.08 811153.98 805023.37 805038.80	1967246.35 1970482.58 1970482.58 1958557.92 1964614.75 1964607.70	184.68 307.90 296.20 211.52 211.62	304.75         177.05         178.83         181.30         293.03         293.06         294.11         290.86         290.88         202.44         202.32         204.28         198.70         198.88         207.81         202.86         202.86         205.31	IN OUT IN OUT IN OUT IN OUT IN OUT IN IN OUT IN IN OUT IN IN IN IN IN	NW SE SW N S E NW SE NW SW SW NW SW NW SW N SW SW N S S S S	8" 16" 4" 12" 10" 6" 8" 4" 18" 18" 4" 8" 6" 18" 6" 18"	PV           TC           TC           PV           TC           PV           TC           PV           TC           PV           PV           PV           PV           PV           TC           TC           TC           TC           PV           TC           PV           TC           PV           TC           PV           TC           PV           TC           PV	FAIR GOOD GOOD FAIR FAIR	CROSSES I-20 6" PV LATERAL FROM BUILDING 4" PV LATERAL FROM BUILDING FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW UNABLE TO DETERMINE PIPE METAL TYPE 4" PV Pipe to Lift Station
S1914 S1914 S45799 S45856 S52189 S52189 S52191	793950.23 802558.08 811153.98 805023.37 805038.80	1967246.35 1970482.58 1970482.58 1958557.92 1964614.75 1964607.70	184.68 307.90 296.20 211.52 211.62	304.75         177.05         178.83         181.30         293.03         293.04         293.05         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         294.11         290.86         290.88         202.44         202.32         204.28         198.70         198.88         207.81         202.86	IN OUT IN OUT IN OUT IN OUT IN IN OUT IN IN OUT IN IN OUT IN IN IN	NW SE SW N S E NW SE NW SW SW NW NW W N SE S S S N	8" 16" 16" 4" 12" 10" 6" 8" 4" 18" 18" 8" 6" 18" 18" 18"	PV           TC           TC           PV           TC           PV           TC           PV           V           PV           PV           PV           PV           PV           TC           TC           TC           PV           TC           TC           PV           TC           TC           PV           TC           TC           TC           TC           TC	FAIR GOOD GOOD FAIR FAIR	CROSSES I-20 6" PV LATERAL FROM BUILDING 4" PV LATERAL FROM BUILDING 4" PV LATERAL FROM BUILDING FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW UNABLE TO DETERMINE PIPE METAL TYPE
S1914 S1914 S45799 S45856 S52189 S52191 S52191 S52192	793950.23 802558.08 811153.98 805023.37 805038.80 805078.63	1967246.35 1970482.58 1970482.58 1958557.92 1964614.75 1964607.70 1964616.57	184.68 184.68 307.90 296.20 211.52 211.62 211.62 210.91 1	304.75         177.05         178.83         181.30         293.03         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         290.86         202.86         202.86         205.31         207.78	IN         OUT         IN	NW SE SW N S E NW SE NW SW NW SW NW W N SW N S	8" 16" 16" 4" 12" 10" 6" 8" 4" 18" 18" 8" 8" 8" 8" 8" 8" 8" 8" 4" 18" 18" 4" 8" 4" 18" 18" 18" 18" 18" 18" 18" 18	PV           TC           TC           PV           TC           PV           V           PV           PV           PV           PV           PV           PV           PV           PV           TC           TC           PV           PV	FAIR GOOD GOOD FAIR FAIR FAIR	CROSSES I-20 CROSSES I-20 6" PV LATERAL FROM BUILDING 4" PV LATERAL FROM BUILDING FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW UNABLE TO DETERMINE PIPE METAL TYPE 4" PV Pipe to Lift Station 4" PV Pipe to Lift Station 4" FORCE MAIN FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN
S1914 S1914 S45799 S45856 S52189 S52191 S52191 S52192	793950.23 802558.08 811153.98 805023.37 805038.80 805078.63	1967246.35 1970482.58 1970482.58 1958557.92 1964614.75 1964607.70 1964616.57	184.68 184.68 307.90 296.20 211.52 211.62 211.62 210.91 1	304.75         177.05         178.83         181.30         293.03         293.06         294.11         290.86         290.88         202.44         202.32         204.28         198.70         198.88         207.81         202.86         205.31         207.78         198.89         198.63         319.23	IN         OUT	NW SE SW N S E NW SE NW SW SW N SW N SW	8" 16" 16" 4" 12" 10" 6" 8" 4" 18" 18" 6" 18" 8" 6" 18" 8" 8" 8" 8" 8" 8"	PV           TC           TC           PV           TC           PV           TC           TC           PV           PV           PV           PV           PV           TC           TC           TC           TC           TC           PV           TC           TC           PV           TC           PV           TC	FAIR GOOD GOOD FAIR FAIR FAIR	CROSSES I-20 6" PV LATERAL FROM BUILDING 4" PV LATERAL FROM BUILDING FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW UNABLE TO DETERMINE PIPE METAL TYPE 4" PV Pipe to Lift Station 4" PV Pipe to Lift Station 4" FORCE MAIN FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW
S1914 S1914 S45799 S45856 S52189 S52191 S52191 S52192 S52192 S52193	793950.23 802558.08 811153.98 805023.37 805038.80 805078.63 805078.63	1967246.35 1970482.58 1970482.58 1958557.92 1964614.75 1964607.70 1964607.70 1964607.70	184.68 184.68 307.90 296.20 211.52 211.62 210.91 210.91 211.29	304.75         177.05         178.83         181.30         293.03         293.04         293.05         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         290.86         202.32         204.28         198.70         198.88         207.81         202.86         205.31         207.78         198.89         198.89         198.63         319.36         319.36	IN         OUT         IN         IN         OUT         IN         IN         OUT	NW SE SW N S E NW SE NW SW SW N SW N SE S S N SE S S W SE SW SE SW SE SW SE SW SE SW SE SW SE SW SE SW SE SW	8" 16" 16" 4" 12" 10" 6" 8" 4" 18" 18" 18" 6" 18" 8" 8" 8" 8" 8" 8" 8" 8" 8"	PV           TC           PV           TC           PV           TC           PV           PV           PV           PV           PV           PV           PV           PV           PV           TC           TC           PV           TC           PV           TC           PV           TC           PV           TC           TC           TC           PV           TC           PV           PV	FAIR GOOD GOOD FAIR FAIR FAIR FAIR	CROSSES I-20 6" PV LATERAL FROM BUILDING 4" PV LATERAL FROM BUILDING FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW UNABLE TO DETERMINE PIPE METAL TYPE 4" PV Pipe to Lift Station 4" PV Pipe to Lift Station 4" FORCE MAIN FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW 8" TC LATERAL FROM BUILDING
S1914 S1914 S45799 S45856 S52189 S52189 S52191 S52191 S52192 S52192 S52193 S52193	793950.23 802558.08 811153.98 805023.37 805023.37 805038.80 805078.63 805078.63 805078.63	1967246.35 1970482.58 1970482.58 1958557.92 1964614.75 1964607.70 1964607.70 1964607.70 1964616.57	184.68         184.68         307.90         296.20         296.20         211.52         211.62         211.62         210.91         210.91         211.29         325.72	304.75         177.05         178.83         181.30         293.03         293.04         293.05         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         290.86         202.44         202.32         204.28         198.70         198.88         207.81         202.86         205.31         207.78         198.89         198.89         198.63         319.23         319.36	IN         OUT         IN         IN         OUT         IN         OUT         IN         OUT         IN	NW SE SW N S E NW SE NW SW N SW N N SW N SW	8" 16" 16" 4" 12" 10" 6" 8" 4" 18" 18" 18" 8" 6" 18" 18" 8" 8" 8" 8" 8" 6" 18" 18" 6" 18" 18" 6" 18" 6" 18" 6" 6" 18" 6" 6" 6" 6" 6" 6" 6" 6" 6" 6	PV           TC           PV           TC           PV           TC           PV           V           PV           PV           PV           PV           PV           PV           PV           TC           TC           PV           TC           PV           TC           PV           TC           PV           TC           TC           TC           PV           PV	FAIR GOOD GOOD FAIR FAIR FAIR FAIR	CROSSES I-20 G" PV LATERAL FROM BUILDING 4" PV LATERAL FROM BUILDING FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW UNABLE TO DETERMINE PIPE METAL TYPE 4" PV Pipe to Lift Station 4" FORCE MAIN FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW 8" TC LATERAL FROM BUILDING UNABLE TO DETERMINE PIPE METAL TYPE UNABLE TO DETERMINE PIPE METAL TYPE
S1914 S1914 S45799 S45856 S52189 S52189 S52191 S52191 S52192 S52192 S52193 S52193	793950.23 802558.08 811153.98 805023.37 805023.37 805038.80 805078.63 805078.63 805078.63	1967246.35 1970482.58 1970482.58 1958557.92 1964614.75 1964607.70 1964607.70 1964607.70 1964616.57	184.68         184.68         307.90         296.20         296.20         211.52         211.62         211.62         210.91         210.91         211.29         325.72	304.75         177.05         178.83         181.30         293.03         293.04         293.05         293.06         294.11         290.86         290.88         202.44         202.44         198.70         198.88         207.81         202.86         205.31         207.86         205.31         207.78         198.89         198.63         319.23         319.36         312.86         313.34	IN         OUT         IN         OUT      I	NW SE SW N S E NW SE NW SW SW N N SW N N SE S S S S S S S S S S S S S S S S	8" 16" 16" 4" 12" 10" 6" 8" 4" 18" 18" 18" 8" 6" 18" 18" 8" 8" 8" 8" 8" 8" 8" 8" 8"	PV           TC           TC           PV           TC           PV           TC           PV           PV           PV           PV           TC           PV           PV           TC           TC           TC           PV           TC           PV           TC           PV           TC           PV           TC           TC           PV           TC           PV           PV	FAIR GOOD GOOD FAIR FAIR FAIR FAIR	CROSSES I-20 CROSSES I-20 6" PV LATERAL FROM BUILDING 4" PV LATERAL FROM BUILDING FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW UNABLE TO DETERMINE PIPE METAL TYPE 4" PV Pipe to Lift Station 4" FORCE MAIN FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW 8" TC LATERAL FROM BUILDING UNABLE TO DETERMINE PIPE METAL TYPE 
S1914         S45799         S45856         S52189         S52191         S52191         S52192         S52193         S64464         S64528         S64533	793950.23 802558.08 802558.08 811153.98 805023.37 805038.80 805038.80 805078.63 805078.63 805080.73 823675.01 823675.01	1967246.35 1970482.58 1970482.58 1958557.92 1964614.75 1964607.70 1964607.70 1964609.47 1964609.47 1947112.47 1947211.28	184.68         184.68         307.90         296.20         296.20         211.52         211.62         211.62         211.62         211.62         325.72         325.72         322.64         319.91	304.75         177.05         178.83         181.30         293.03         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         290.86         202.44         198.70         198.88         207.81         202.86         205.31         207.78         198.89         198.89         198.63         319.36         312.86         313.34         315.13         310.59         310.56	IN         OUT         IN         IN         IN         IN         IN         IN	NW         SE         SW         N         S         E         NW         SE         NW         SW         NW         SE         NW         SW         N         SW         N         SW         N         SE         SW         SE         SW         SE         SW         SE         SW         SE         SW         SE         SW         SE         W         SE         W <t< td=""><td>8" 16" 16" 4" 12" 10" 6" 8" 4" 18" 18" 6" 18" 8" 8" 8" 8" 8" 8" 8" 8" 8"</td><td>PV         TC         PV         TC         PV         TC         PV         PV         PV         PV         PV         PV         PV         PV         TC         TC         PV         TC         PV         TC         PV         TC         PV         TC         PV         TC         PV         PV</td><td>FAIR GOOD FAIR FAIR FAIR FAIR FAIR GOOD GOOD GOOD</td><td>CROSSES I-20 CROSSES I-20 6" PV LATERAL FROM BUILDING 4" PV LATERAL FROM BUILDING FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW UNABLE TO DETERMINE PIPE METAL TYPE 4" PV Pipe to Lift Station 4" PV Pipe to Lift Station 4" FORCE MAIN FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW 8" TC LATERAL FROM BUILDING 8" TC LATERAL FROM BUILDING UNABLE TO DETERMINE PIPE METAL TYPE UNABLE TO DETERMINE PIPE METAL TYPE FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN</td></t<>	8" 16" 16" 4" 12" 10" 6" 8" 4" 18" 18" 6" 18" 8" 8" 8" 8" 8" 8" 8" 8" 8"	PV         TC         PV         TC         PV         TC         PV         PV         PV         PV         PV         PV         PV         PV         TC         TC         PV         TC         PV         TC         PV         TC         PV         TC         PV         TC         PV	FAIR GOOD FAIR FAIR FAIR FAIR FAIR GOOD GOOD GOOD	CROSSES I-20 CROSSES I-20 6" PV LATERAL FROM BUILDING 4" PV LATERAL FROM BUILDING FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW UNABLE TO DETERMINE PIPE METAL TYPE 4" PV Pipe to Lift Station 4" PV Pipe to Lift Station 4" FORCE MAIN FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW 8" TC LATERAL FROM BUILDING 8" TC LATERAL FROM BUILDING UNABLE TO DETERMINE PIPE METAL TYPE UNABLE TO DETERMINE PIPE METAL TYPE FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN
S1914         S45799         S45856         S52189         S52191         S52191         S52192         S52193         S64464         S64528	793950.23 802558.08 802558.08 811153.98 805023.37 805038.80 805038.80 805078.63 805078.63 805080.73 823738.72 823675.01	1967246.35 1970482.58 1970482.58 1958557.92 1964614.75 1964607.70 1964607.70 1964607.70 1964609.47 1964609.47 1947112.47 1947211.28	184.68         184.68         307.90         296.20         296.20         211.52         211.62         211.62         211.62         211.62         211.62         325.72         322.64	304.75         177.05         178.83         181.30         293.03         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         293.06         290.86         202.32         204.28         198.70         198.88         207.81         202.86         205.31         202.86         205.31         207.78         198.89         198.89         198.63         319.23         319.36         312.86         313.34         315.13	IN         OUT         IN         OUT      I	NW           SE           SW           N           S           E           NW           SE           NW           SW           N           SE           NW           SW           N           SW           SW           SW           N           SE           SW           SE           SW      SE           SE </td <td>8" 16" 16" 4" 12" 10" 6" 8" 4" 18" 18" 18" 6" 18" 8" 8" 8" 8" 8" 8" 8" 8" 8"</td> <td>PV           TC           PV           TC           PV           TC           PV           PV           PV           PV           PV           PV           PV           PV           PV           TC           PV           TC           PV           TC           PV           TC           PV           TC           TC           PV           PV</td> <td>FAIR GOOD GOOD FAIR FAIR FAIR FAIR FAIR GOOD GOOD</td> <td>CROSSES I-20 CROSSES I-20 6" PV LATERAL FROM BUILDING 4" PV LATERAL FROM BUILDING FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW UNABLE TO DETERMINE PIPE METAL TYPE 4" PV Pipe to Lift Station 4" PV Pipe to Lift Station 4" FORCE MAIN FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW 8" TC LATERAL FROM BUILDING 8" TC LATERAL FROM BUILDING UNABLE TO DETERMINE PIPE METAL TYPE UNABLE TO DETERMINE PIPE METAL TYPE FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN</td>	8" 16" 16" 4" 12" 10" 6" 8" 4" 18" 18" 18" 6" 18" 8" 8" 8" 8" 8" 8" 8" 8" 8"	PV           TC           PV           TC           PV           TC           PV           PV           PV           PV           PV           PV           PV           PV           PV           TC           PV           TC           PV           TC           PV           TC           PV           TC           TC           PV           PV	FAIR GOOD GOOD FAIR FAIR FAIR FAIR FAIR GOOD GOOD	CROSSES I-20 CROSSES I-20 6" PV LATERAL FROM BUILDING 4" PV LATERAL FROM BUILDING FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW UNABLE TO DETERMINE PIPE METAL TYPE 4" PV Pipe to Lift Station 4" PV Pipe to Lift Station 4" FORCE MAIN FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN INFLOW 8" TC LATERAL FROM BUILDING 8" TC LATERAL FROM BUILDING UNABLE TO DETERMINE PIPE METAL TYPE UNABLE TO DETERMINE PIPE METAL TYPE FIELD INVESTIGATION VERIFIED THAT OUTFLOW IS HIGHER THAN

## UTILITY & POLE DATA TABLE DESCRIPTION

COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE	COLUMN	DESCRIPTION	EXAMPLE		REV.
	a) Reference the Utility Unique Identifier (UUI)	E1, G1, OH15	STATION	a) Reference the station of the begin & end of linear utility	01+23 - 45+67		Reference utility owner by name or by Owner Ref Abbr	LOCAL POWER CO		NO.
UTILITY	b) Reference Sewer Manhole Number (SMN)	S001, SMH-02	RANGE	b) Reference the station location of utility appurtenance	01+23	OWNERSHIP	From Title Sheet	LPC	-	
	c) Reference Utility Information Tags (UIT)	U001, U05		c) Reference the station location of mahole	01+23					4
POLE	Reference the Utility Pole ID Number	P001, P25	OFFSET	a) Reference the offset of the begin & end of linear utility	15R - 15R		Reference Owner Number, Height, Diameter, and Material of pole	DPC123, 35', 12", WOOD	-	3
	Reference the Alignment used for stationing		RANGE	b) Reference the offset location of utility appurtenance	25L	POLE DATA				2
ALI GNMENT	Use design alignments when available			c) Reference the offset location of manhole	25L				-	
ROUTE		MAIN ST.	ITEM IN	a) Reference utility type, size, & material	TELEPHONE, COPPER / GAS 6" DI	REMARKS	a) Further details including capacity, etc.		-	1
RD	~All geometric data used will be referenced to the project	MAIN ST RELOC	PLACE	b) Reference the utility appurtenance type	U/G PEDESTAL	MISC NOTES	b) List Sewer rims and invert elevations	RIM=123.45, INV IN=123.45 INV OUT=123.45	-	1
	datum~			c) Reference manhole	SEWER MH		c) List details and desc, sizes, record information, etc.	RECORDS SHOW INFO		INITIAL

# UTILITY DATA MANHOLE DATA

COUNTY FILE NO. ROAD SHEET NO. NO.	FED. RD. DIV. NO.
RICHLAND/LEXINGTON P039718 I-26/I-20/I-126 U40	3

ВΥ	DATE	DESCRIPTION OF REVISION		INA DEPARTMENT SPORTATION
			ROAD DESIGN	COLUMBIA, S.C.
				DATA SHEET
			NOT TO SCALE	DWG: CCR_PH1_SHT_U40

# **GENERAL NOTES**

- I. IT WILL BE THE RESPONSIBILITY OF THE DBT TO VER IFY THE ACCURACY OF THE SUE INFORMATION PROVIDED AND FOR A LL UTILITY DATA NOT COLLECT EITHER BECAUSE IT WAS OUTSIDE THE SUE SURVEY LIMITS DEFINED DURING THE DESIGN-BUILD PREP OR IT IS NEW INSTALLATION. SEE SUE FOLDER FOR UTILITY RECORDS PROVIDED AND APPENDIX E: ENCROACHMENT PERMIT LOG & PERMITS OF THE UTILITY COORDINATION REPORT IN THE ELECTRONIC INFORMATION PACKAGE FOR ASSISTANCE.
- 2. THESE PLANS ARE TO BE USED ONLY AS A REFERENCE. ALL RELOCATIONS ARE BASED ON CONFLICTS IDENTIFIED USING THE CONCEPTUAL FEIS SELECTED ALTERNATIVE, SUE DATA, AND INFORMATION PROVIDED BY THE INDIVIDUAL UTILITY OWNERS. IT WILL BE THE RESPONSIBILITY OF THE DBT TO VERIFY AND DETERMINE ALL UTILITY CONFLICTS AS WELL AS THEIR RESOLUTIONS AFTER THEIR FINAL DESIGN IS COMPLETE.
  - UTILITY PEER REVIEWS OF POTENTIAL CONFLICTS AND RESOLUTIONS DOES NOT CONSTITUTE APPROVAL OR ACCEPTANCE BY THE UITLITY OWNERS.
  - UTILITY OWNERS WILL NOT MAKE COMMITMENTS TO RELOCATION PLANS AND COSTS UNTIL THE FINAL DESIGNS ARE A RE NEAR COMPLETION BY THE DBT AND FULL EVALUATIONS ARE PERFORMED BY THE UTILITY OWNERS.
- 3. THE UTILITY CORRIDOR TYPICAL SECTIONS ARE PROVIDED FOR VARIOUS ROADWAY SHOULDER CONFIGURATIONS. NONE OF THESE HAVE BEEN APPROVED BY THE UTILITY OWNERS OR SCDOT. THESE WILL VARY DEPENDING ON FINAL DESIGN, UTILITY PREFERENCES AND CRITERIA, SCDOT ACCOMMODATIONS MANUAL, AVAILABLE RIGHT OF WAY, AND UTILITIES PRESENT. THE PURPOSE IS TO DEMONSTRATE A DESIRED LAYOUT BY OWNERS WHERE RIGHT OF WAY IS AVAILABLE AND CONSTRAINED VERSIONS WHERE IT IS NOT.
- 4. UTILITIES ON ARROWWOOD ROAD AND GRACERN ROAD WERE ASSUMED TO NOT BE IN CONFLICT WITH THE SELECTED ALTERNATIVE FOR THE FEIS. IT WILL BE THE RESPONSIBILITY OF THE DBT TO ACCOUNT FOR THESE IN THEIR FINAL DESIGN SHOULD CREATE CONFLICTS IN THOSE AREAS.
- 5. AS SOON AS PERMITS, RIGHT OF WAY, AND APPROVAL BY SCDOT, DBT SHOULD PERFORM AS MUCH CLEARING, GRUBBING, AND INITIAL GRADING AS SOON AS THEY CAN TO ALLOW UTILITIES AMPLE TIME TO RELOCATE. UTILITIES COULD BEGIN ONCE ALL RELOCATION PACKAGES ARE APPROVED AND ITEMS NOTED ABOVE COMPLETE. UTILITY OWNERS HAVE BEEN ENCOURAGED TO DO THE SAME. THERE ARE NOT DEFINED UTILITY WINDOWS FOR THIS PHASE. SEE APPENDIX B: QUICK REFERENCE TABLE IN PRELIMINARY ENGINEERING UTILITY REPORT FOR UTILITY ASSOCIATED TIMEFRAMES.
- 5. SCDOT WILL REMOVE AND/OR ABANDON ALL RELATED ITS INFRASTRUCTURE ITEMS (I.E. CAMERAS, FIBER, POWER, ETC.) PRIOR TO DESIGN-BUILD CONSTRUCTION AND WILL INSTALL NEW SYSTEM AFTER CONSTRUCTION IS COMPLETE. DBT WILL COORDINATE WITH RON HINSON OR STEVE LITTLEJOHN WITH SCDOT'S ITS DEPARTMENT.
- 7. DURING EARLY COORDINATION AND DESIGN-BUILD PREP EFFORTS, EDITS WERE MADE TO THE SUE DGN FILE PROVIDED BY SAM DUE TO COMMENTS PROVIDED BY UTILITY OWNERS. DBT SHALL USE THE FILE TITLED "U849PP\_2D\_STV. DGN" TO REVIEW THOSE MODIFICATIONS. THERE COULD BE A NEED FOR ADDITIONAL SUE DEPENDING ON FINAL PROJECT LIMITS SET BY THE DBT. REFERENCE THE ELECTRONIC SUE FILES FOR LIMITS PERFORMED UNDER THE DESIGN-BUILD PREP. SEE FILES FOUND ON THE SCDOT'S DESIGN-BUILD WEBSITE IN THE PROJECT INFORMATION PACKAGE AS WELL. ALSO REFERENCE APPENDIX E: ENCROACHMENT PERMIT LOG & PERMITS FOR LOG AND ACTUAL PERMITS FOR NEW INSTALLATION SINCE SUE WAS PERFORMED. ADD ITIONALLY, DUE TO THE AGE OF THE SUE PROVIDED WITH THIS PACKAGE INCLUDING ITEMS PREVIOUSLY NOTED, IT WILL BE THE DBT'S RESPONSIBILITY TO VERIFY THE ACCURACY THE SUE INFORMATION PROVIDED.

# **SPECIAL PROVISIONS**

CONFIRM WITH ALL UTILITIES THE STATUS OF THEIR RELOCATIONS. INCLUDED IN THIS REPORT ALONG WITH THE INDIVIDUA L UTILITY SUBMITTALS ARE THE U- SHEETS.

## UTILITY AS-BUILTS:

THE ROADWAY CONTRACTOR SH A LL BE RESPONSIBLE FOR THE COLLECTION AND INCORPORATION OF THE UTILITY AS-BUILTS IN THEIR FINAL SUBMITTAL. ALL EXISTING, PROPOSED, AND ABANDONED LINES MUST BE SHOWN.

## UTILITY STAKING:

CONTRACTOR SHALL BE AWARE ON AN AS NEEDED BASIS, UTILITIES MAY REQUEST STAKING OF CONSTRUCTION ITEMS AND RIGHT OF WAY TO HELP FACILITATE RELOCATIONS AND TO AVOID POTENTIAL CONFLICT WITH ROADWAY CONSTRUCTION AND OTHER UTILITIES.

## UTILITY RELOCATION INCIDENTALS:

FOR THE RELOCATION OF SERVICES. ADJUSTMENTS OF VALVE COVERS AND/OR MANHOLE LIDS. ADJUSTMENTS FOR POINT CONFLICTS. AND ANY OTHER UTILITY APPURTENANCES ADJUSTMENTS. THE CONTRACTOR SHALL NOT IFY THE UTILITY OWNER 14 DAYS PRIOR TO NEEDING ADJUSTMENT AND ALLOW ONE WEEK TO COM PLETE .

PLANS PREPARED BY



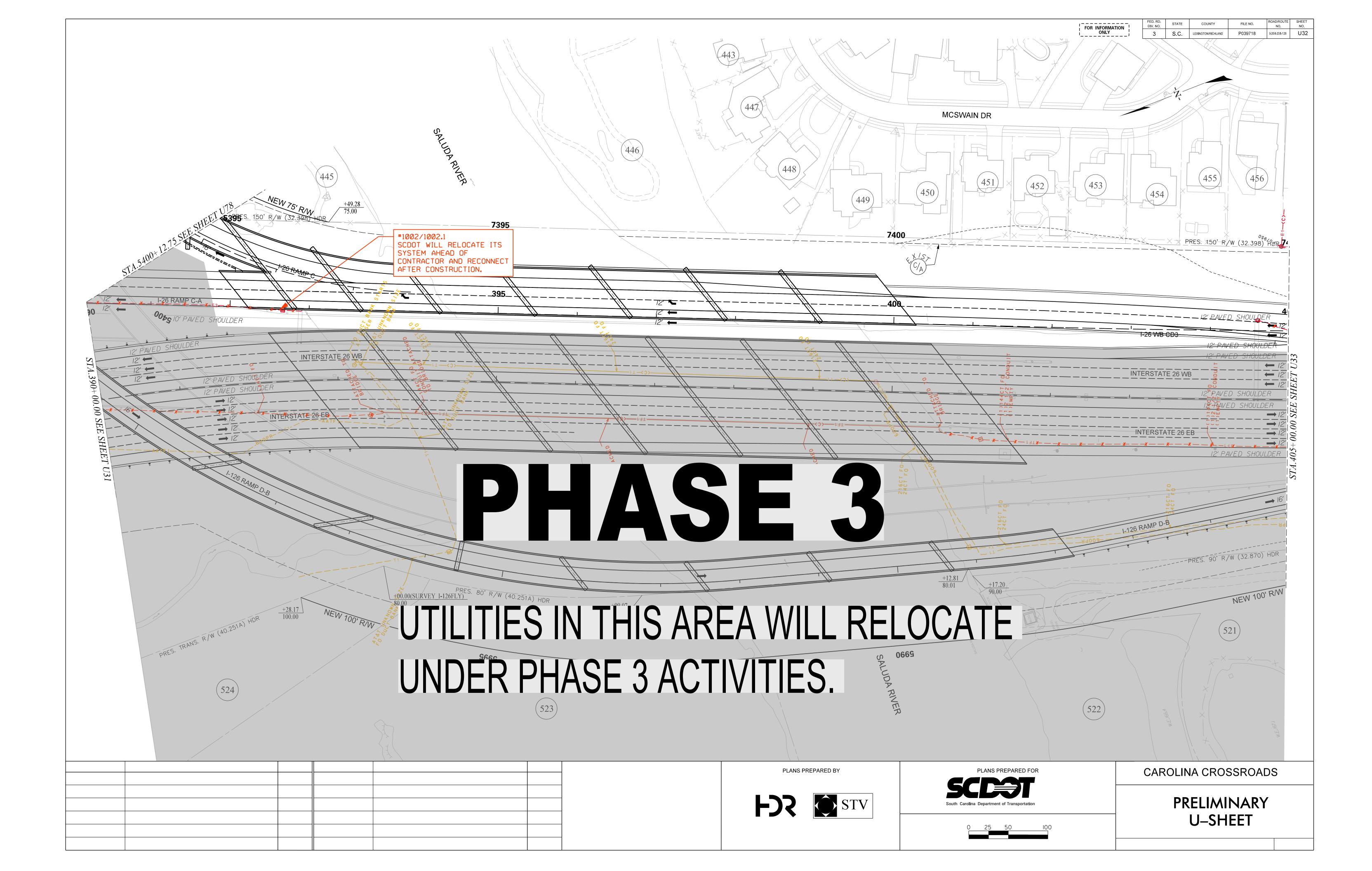
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CAROLINA CROSSROADS

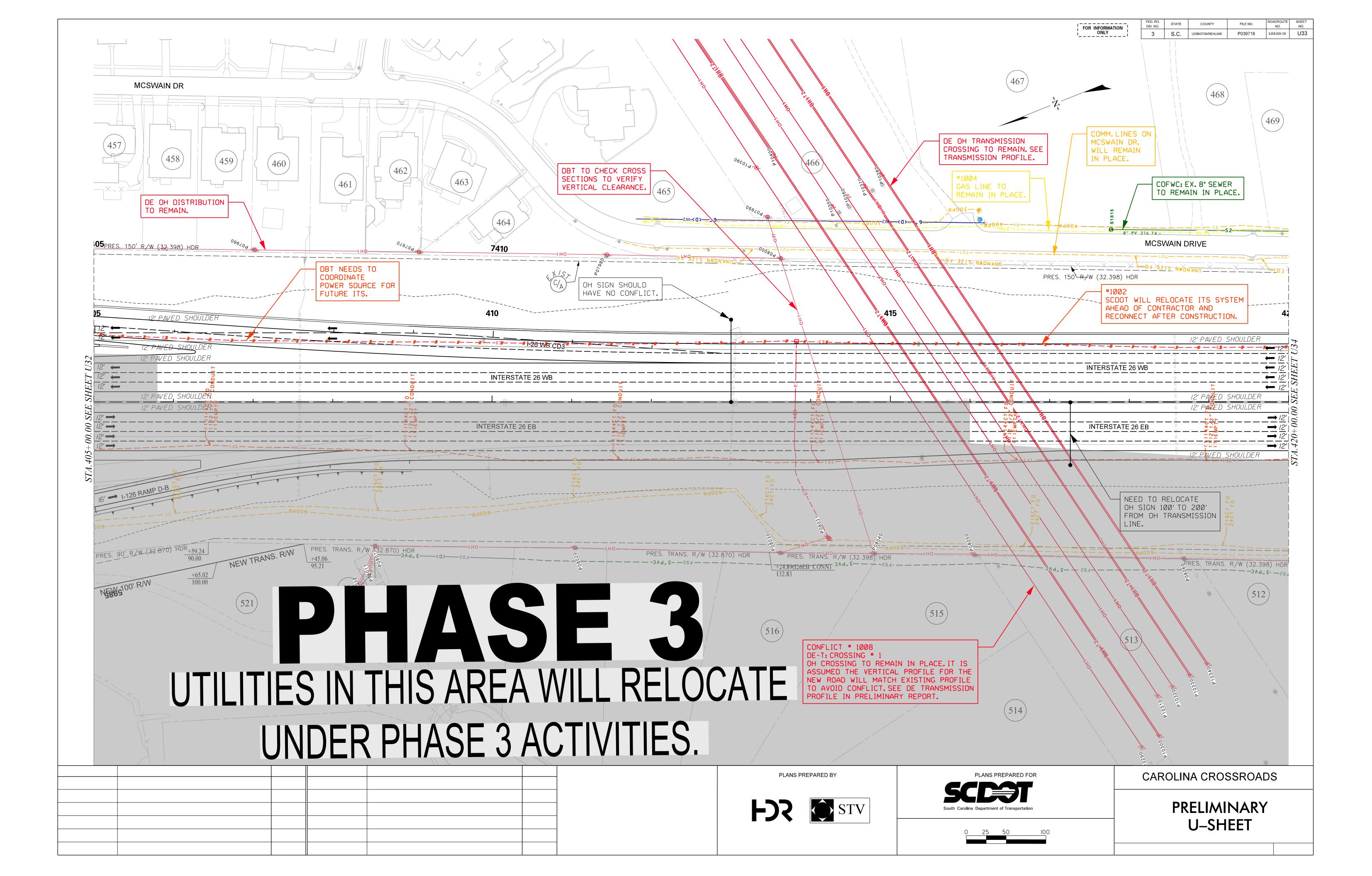
UTILITY COORDINATION **GENERAL NOTES** 



Reloc. No.	Sheet Number	Phase No.	Reference Baseline	Station	Offset (ft)	Utility Owner	Existing Utility Type	Existing Utility (Size, Material)	Proposed Conflict Feature	Parallel or Crossing	Relocate or Remain	Proposed Utility (Size, Material, Type)	Quantity	Unit	In-Contra (Y/N)
1000	U32 to U32	1	I-26	404+90	LT	Dominion	Power	UNKN		Crossing	Remain				Ν
1001	U32 to U33	1	I-26	404+90 to 413+50	LT	Dominion	Power	Power Pole		Parallel	Remain				N
1002	U32 to U37	1	I-26	404+50 to 470+00	LT/RT	SCDOT/ITS	Power	UNKN	Roadway, Drainage	Parallel	Relocate	- , Power, UG	7,250	LF	N
1002.1	U32	1	I-26 Ramp C- A	5393+00 to 5396+00	LT/RT	SCDOT/ITS	Power	UNKN	Roadway	Parallel	Relocate	- , Power, UG	335	LF	N
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	PLANS PREPARED BY	

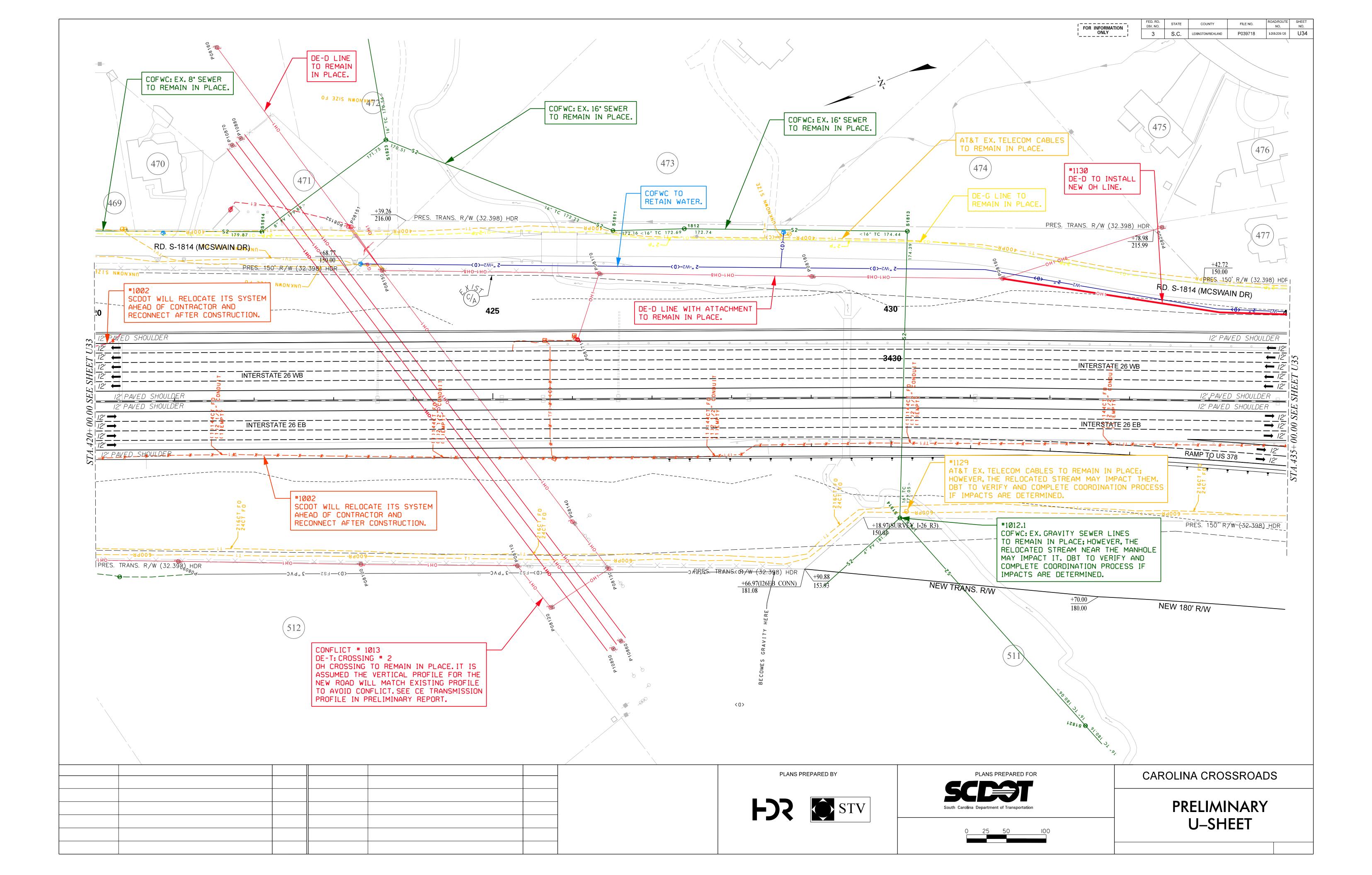
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ract )	Co	omme	nts					
	SCDOT will relocate ahead of contractor a	and reco	onnect	after	constructi	on.		
	SCDOT will relocate ahead of contractor a	and reco	onnect	after	constructi	on.		
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	PLANS PREPARED FOR		CAR	OLIN	IA CROS	SSROA	DS	
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Reloc. No.	Sheet Number	Phase No.	Reference Baseline	Station	Offset (ft)	Utility Owner	Existing Utility Type	Existing Utility (Size, Material)	Proposed Conflict Feature	Parallel or Crossing	Relocate or Remain	Proposed Utility (Size, Material, Type)	Quantity	Unit	In-Contra (Y/N)
1003	U33	1	I-26	411+50 to 417+00	LT	CofWC	Water	6" , UNKN		Parallel	Remain				N
1004	U33 to U35	1	I-26	411+50 to 428+50	LT	Dominion	Gas	2", Plastic		Parallel	Remain				N
1005	U33	1	I-26	411+50 to 416+00	LT	AT&T	Telecom	300 PR, Copper		Parallel	Remain				N
1005.1	U33 to U36	1	I-26	416+00 to 450+50	LT	AT&T	Telecom	400 PR, Copper		Parallel	Remain				N
1006	U33 to U34	1	I-26	411+50 to 424+00	LT	Charter	Telecom	UKN, Fiber		Parallel	Remain				N
1007	U33 to U34	1	I-26	417+50 to 424+00	LT	CofWC	Sewer	8", PV		Parallel	Remain				N
1008	U33	1	I-26	415+00 to 417+00	LT/RT	Dominion	Power	UKN, TRANS		Crossing	Remain				N
1008.1	U33	1	I-26	414+00 to 415+00	LT/RT	Dominion	Power	Power Pole		Crossing	Remain				N
1009	U33	1	I-26	415+50 to 416+50	LT/RT	Segra	Telecom	UKN		Crossing	Remain				N
1002	U32 to U37	1	I-26	404+50 to 470+00	LT/RT	SCDOT/ITS	Power	UNKN	Roadway, Drainage	Parallel	Relocate	-, Power, UG	7,250	LF	N
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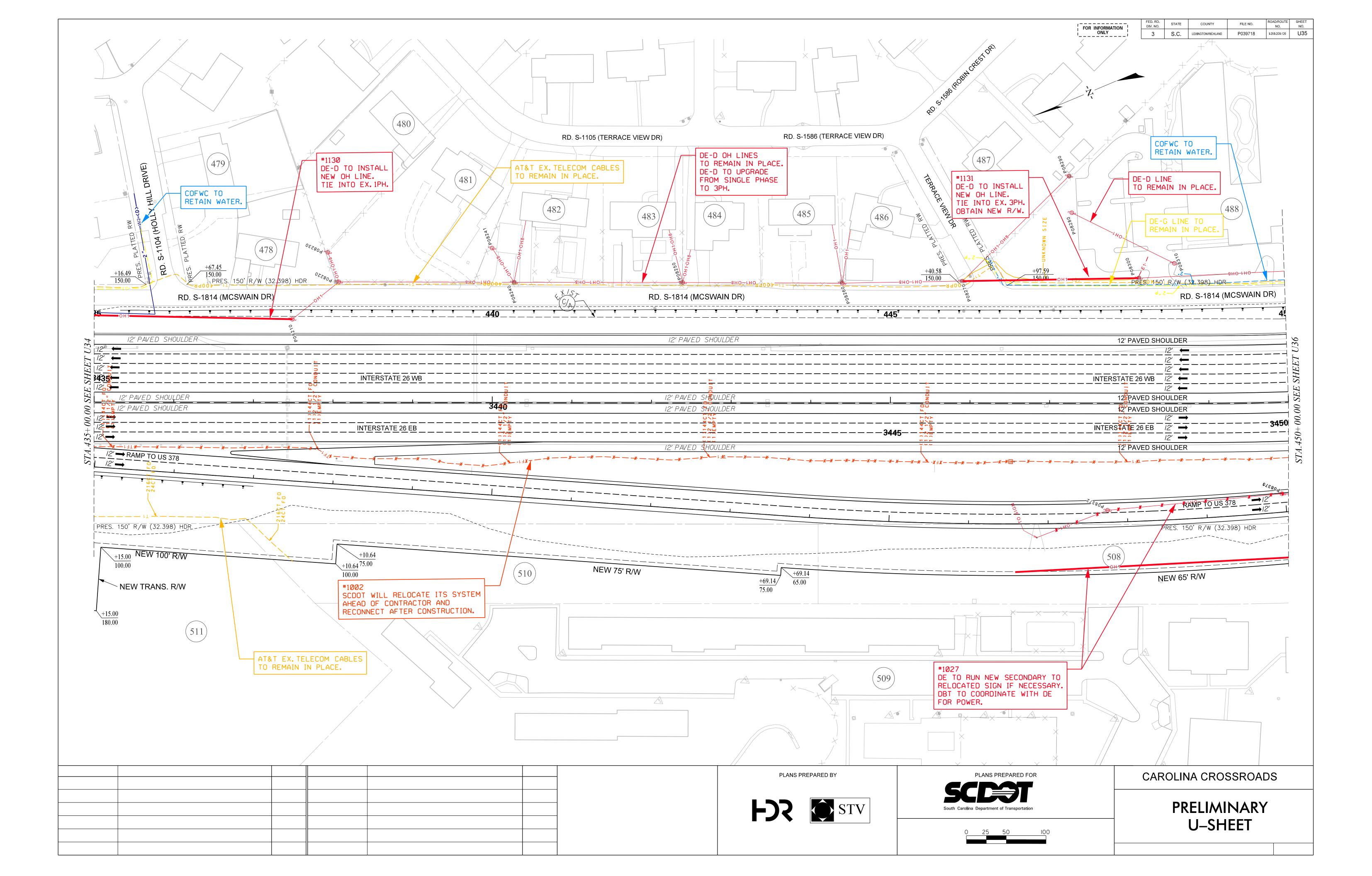
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	SCDOT will relocate ahead of contractor a	and rec	onnect	after	constructi	on.		
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Reloc. No.	Sheet Number	Phase No.	Reference Baseline	Station	Offset (ft)	Utility Owner	Existing Utility Type	Existing Utility (Size, Material)	Proposed Conflict Feature	Parallel or Crossing	Relocate or Remain	Proposed Utility (Size, Material, Type)	Quantity	Unit	In-Contra (Y/N)
1010	U34	1	I-26	420+00 to 424+00	LT	Charter	Telecom	UKN, Fiber		Parallel	Remain				Ν
1011	U34	1	I-26	421+50 to 423+50	LT	Dominion	Power	UKN		Parallel	Remain				N
1012	U34	1	I-26	423+00 to 430+00	LT	CofWC	Sewer	16", TC		Parallel	Remain				N
1012.1	U34	1	I-26	430+00	LT/RT	CofWC	Sewer	16", TC		Crossing	Remain				N
1013	U34	1	I-26	424+00 to 424+50	LT/RT	Dominion	Power	UKN, TRANS		Crossing	Remain				N
1014	U34	1	I-26	424+50 to 425+00	LT/RT	Dominion	Power	UKN, Power Pole		Crossing	Remain				N
1015	U34 to U35	1	I-26	423+00 to 435+75	LT	CofWC	Water	2", UKN		Parallel	Remain				N
1016	U34 to U35	1	I-26	428+50 to 435+75	LT	Dominion	Gas	2", Plastic		Parallel	Remain				N
1017	U34	1	I-26	423+00 to 433+50	LT	Varies	Power/ Telecom	UKN, Power Pole		Parallel	Remain				N
1018	U34 to U34	1	I-26	426+00 to 426+50	LT	Dominion	Power	UKN, Power Pole	Roadway, Drainage	Parallel	Relocate	- , Power Pole, OH	88	LF	N
1129	U34 to U34	1	I-26	429+00 to 437+50	RT	AT&T	Telecom	Varies, Varies	Roadway, Drainage	Parallel	Remain				N
1130	U34 to U35	1	I-26	431+25 to 437+50	LT	Dominion	Power	N/A, N/A	N/A	Parallel		-, Power, OH	613	LF	N
1002	U32 to U37	1	I-26	404+50 to 470+00	LT/RT	SCDOT/ITS	Power	UNKN	Roadway, Drainage	Parallel	Relocate	-, Power, UG	7,250	LF	N
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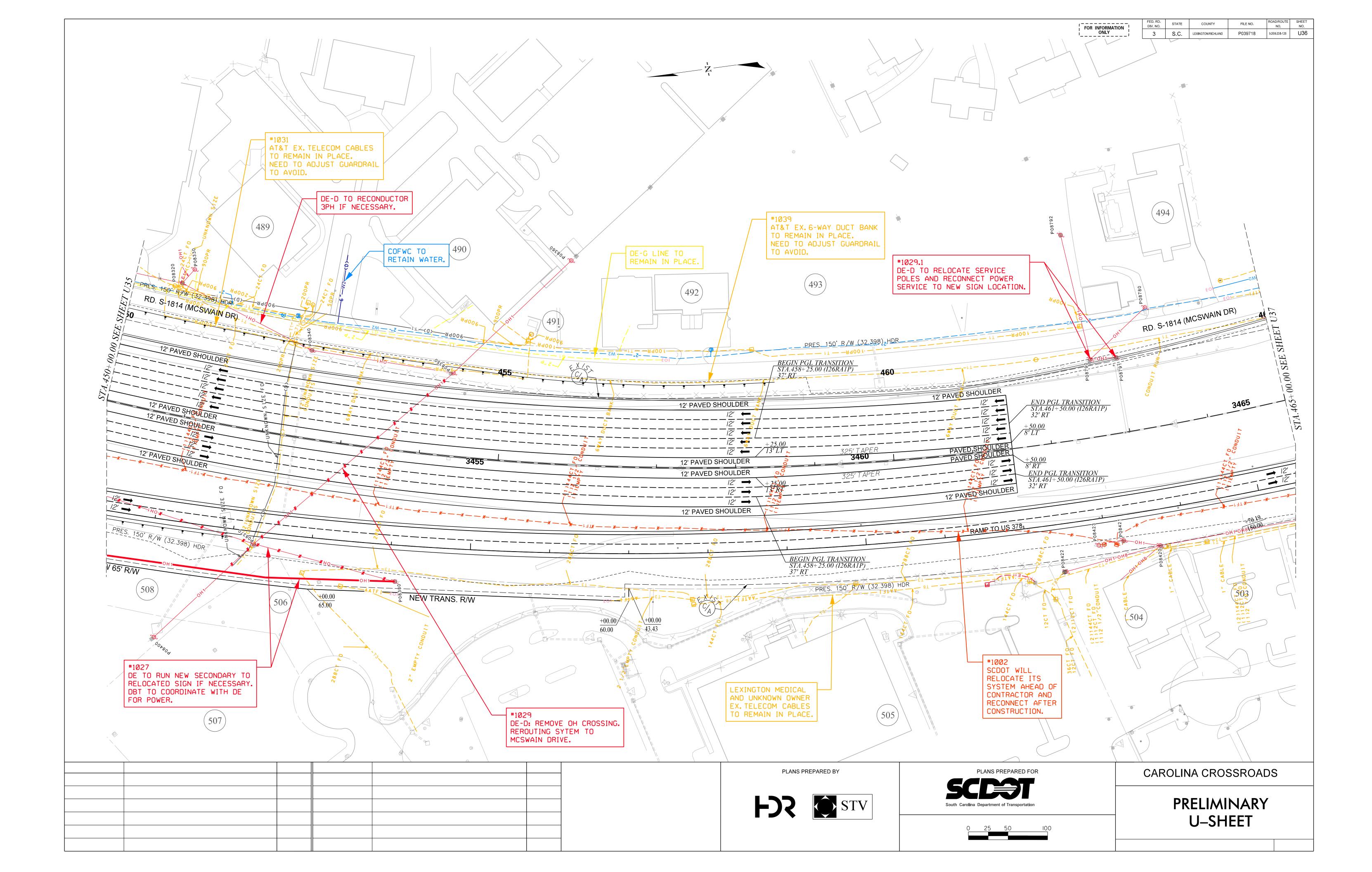
	FOR INFORMATING ONLY	 FION   J	FED. RD. DIV. NO.	STATE S.C.	COUNTY LEXINGTON/RICHLAND	FILE NO. P039718	ROAD/ROUTE NO. I-26/I-20/I-126	sheet NO. U34A
ract	Co	mme	nts					
								_
	NOTE: Relocated stream near manhole ma process if impacts determined.	ay impa	act it. D	BT to	verify and	complet	e coord.	_
								-
	NOTE: Relocated stream may impact lines process if impacts are determined.	s. DBT	to verif	fy and	complete o	coordina	tion	_
	DE-D to install new OH line. SCDOT will relocate ahead of contractor a	ndrog	nnoct	ofton	onstructio			_
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C	PLANS PREPARED FOR		CAR	OLIN	IA CROS	SSROA	DS	



Reloc. No.	Sheet Number	Phase No.	Reference Baseline	Station	Offset (ft)	Utility Ow ner	Existing Utility Type	Existing Utility (Size, Material)	Proposed Conflict Feature	Parallel or Crossing	Relocate or Remain	Proposed Utility (Size, Material, Type)	Quantity	Unit	In-Contra (Y/N)
1019	U35	1	I-26	437+50 to 447+50	LT	Varies	Power	Power Pole		Parallel	Remain				N
1019.1	U35	1	I-26	437+50 to 444+50	LT	Dominion	Power	UKN, Power Pole		Parallel	Remain				N
1020	U35	1	I-26	445+50 to 448+00	LT	Charter	Telecom	UKN		Parallel	Remain				N
1021	U35 to U36	1	I-26	446+00 to 457+00	LT	Dominion	Gas	2", Plastic		Parallel	Remain				N
1022	U35 to U36	1	I-26	446+00 to 452+00	LT	CofWC	Water	2", UKN		Parallel	Remain				N
1023	U35	1	I-26	447+00 to 448+50	LT	Dominion	Power	UKN		Parallel	Remain				N
1024	U35	1	I-26	448+00	LT	Dominion	Power	UKN		Parallel	Remain				N
1025	U35 to U36	1	I-26	448+00 to 451+00	LT	Varies	Power/ Telecom	UKN		Parallel	Remain				N
1027	U35 to U36	1	I-26	446+50 to 454+00	RT	Dominion	Power	UKN, Power Pole	Roadway, Drainage	Parallel	Relocate	- , Power Pole, OH	750	LF	N
1131	U35 to U35	1	I-26	446+00 to 448+00	LT	Dominion	Power	N/A, N/A	N/A	Parallel		- , Power Pole, OH	221	LF	N
1002	U32 to U37	1	I-26	404+50 to 470+00	LT/RT	SCDOT/ITS	Power	UNKN	Roadway, Drainage	Parallel	Relocate	-, Power, UG	7,250	LF	N
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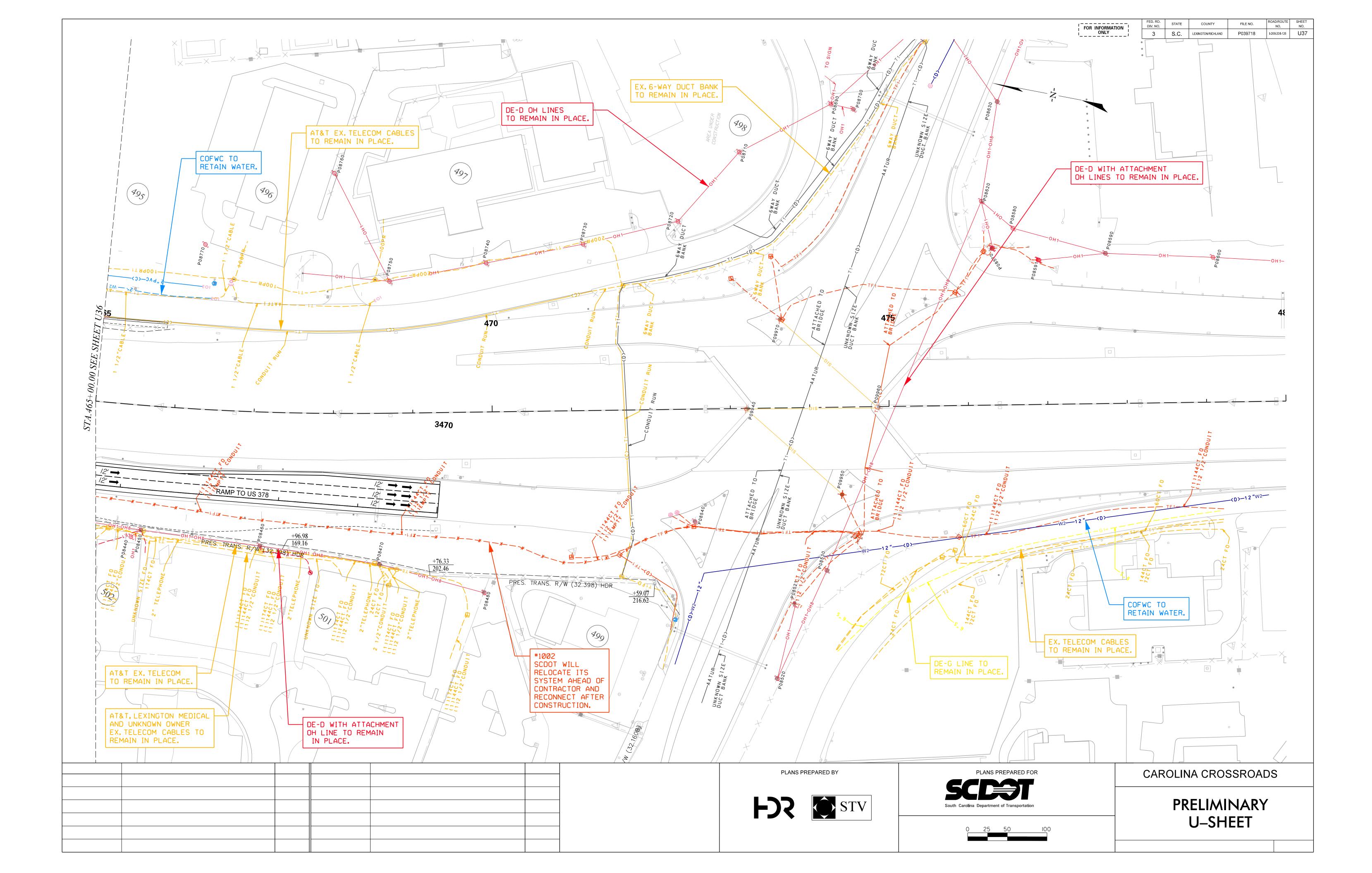
-	PLANS PREPARED BY	

	FOR INFORMATIO	N FED. RD. DIV. NO.	STATE	COUNTY LEXINGTON/RICHLAND	FILE NO. P039718	ROAD/ROUTE NO. I-26/I-20/I-126	SHEET NO. U35A		
ract )	Cor	nments							
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	DE-D to install new OH line.								
	SCDOT will relocate ahead of contractor a	nd reconnect	after	construct	ion.				
	PLANS PREPARED FOR	CARC			SSROA	\DS			
South	Carolina Department of Transportation	PRELIMINARY CONFLICT MATRIX							



Reloc. No.	Sheet Number	Phase No.	Reference Baseline	Station	Offset (ft)	Utility Owner	Existing Utility Type	Existing Utility (Size, Material)	Proposed Conflict Feature	Parallel or Crossing	Relocate or Remain	Proposed Utility (Size, Material, Type)	Quantity	Unit	In-Contract (Y/N)	
1028	U36	1	I-26	450+50 to 454+00	LT	Dominion	Power	UKN		Parallel	Remain				N	
1029	U36	1	I-26	453+00	LT/RT	Dominion	Power	UKN		Crossing	Relocate				N	
1029.1	U36	1	I-26	462+50 to 463+00	LT	Dominion	Power	UKN, Service Poles		Parallel	Relocate				Ν	
1030	U36	1	I-26	450+00 to 452+00	LT	AT&T	Telecom	24 CT, Fiber		Parallel	Remain				Ν	
1031	U36	1	I-26	450+00 to 455+50	LT	AT&T	Telecom	900 PR, Copper		Parallel	Remain				N	
1032	U36	1	I-26	450+50 to 452+50	LT	AT&T	Telecom	200 PR, Copper		Parallel	Remain				N	
1033	U36	1	I-26	450+50	LT	Charter	Telecom	UKN		Parallel	Remain				N	
1034	U36	1	I-26	452+00 to 466+50	LT	CofWC	Water	2", UKN		Parallel	Remain				N	
1035	U36	1	I-26	452+50	LT/RT	AT&T	Telecom	UKN, Fiber	Roadway, Drainage	Crossing	Remain				N	
1036	U36	1	I-26	452+50	LT/RT	AT&T	Telecom	UKN, (2) Conduit	Roadway, Drainage	Crossing	Remain				N	
1037	U36	1	I-26	452+00	LT	AT&T	Telecom	50 PR, Copper		Parallel	Remain				N	
1038	U36	1	I-26	455+00 to 463+00	LT	AT&T	Telecom	100 PR, Copper		Parallel	Remain				N	
1039	U36	1	I-26	452+00 to 462+00	LT	AT&T	Telecom	6 Way, Duct Bank		Parallel	Remain				N	
1040	U36	1	I-26	452+50 to 461+50	RT	Lexington Medical	Telecom	288 CT, Fiber		Parallel	Remain				N	
1041	U36	1	I-26	457+50 to 461+50	RT	UKN	Telecom	144 CT, Fiber		Parallel	Remain				N	
1042	U36 to U37	1	I-26	458+00 to 479+50	RT	ITS	Varies	Varies		Parallel	Remain				N	
1043	U36 to U37	1	I-26	461+50 to 470+00	RT	Varies	Power/ Telecom	Power Pole		Parallel	Remain				N	
1044	U36	1	I-26	461+50 to 462+00	RT	Lexington Medical	Telecom	Varies, Fiber		Parallel	Remain				N	
1045	U36 to U37	1	I-26	462+50 to 466+00	RT	AT&T	Telecom	1", Cable		Parallel	Remain				N	
1045.1	U36 to U37	1	I-26	464+50 to 468+50	LT	AT&T	Telecom	1-1/2", Cable		Parallel	Remain				N	
1045.2	U36 to U37	1	I-26	464+50 to 468+50	LT	AT&T	Telecom	100PR, Copper		Parallel	Remain				N	
1045.3	U36 to U37	1	I-26	464+50 to 466+25	LT	CofWC	Water	2", PVC		Parallel	Remain				N	
1045.4	U36 to U37	1	I-26	462+00 to 471+75	LT	AT&T	Telecom	UNKN, Conduit		Parallel	Remain				N	
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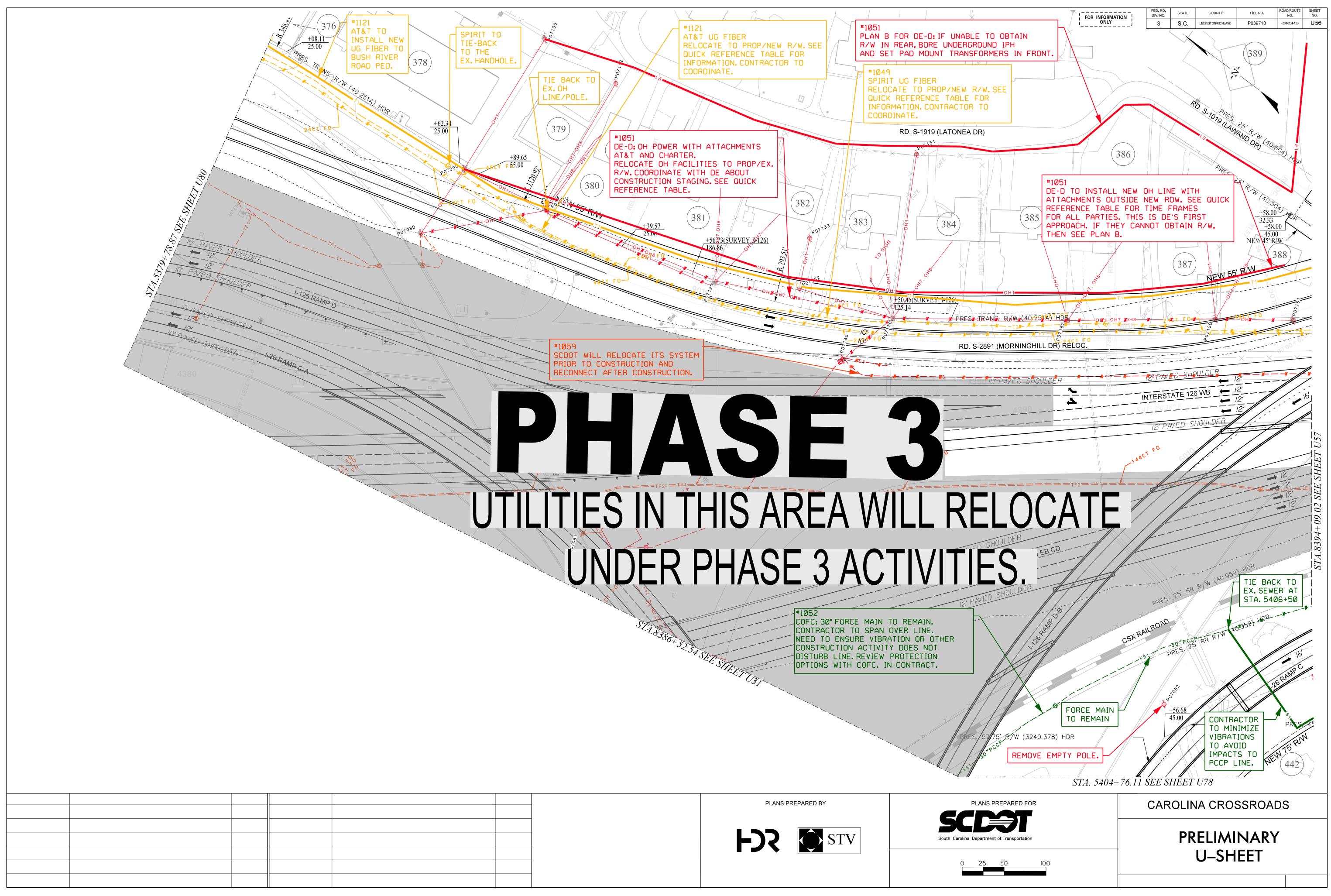
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Reloc. No.	Sheet Number	Phase No.	Reference Baseline	Station	Offset (ft)	Utility Owner	Existing Utility Type	Existing Utility (Size, Material)	Proposed Conflict Feature	Parallel or Crossing	Relocate or Remain	Proposed Utility (Size, Material, Type)	Quantity	Unit	In-Contra (Y/N)
1046	U37	1	I-26	465+00 to 467+00	RT	UKN	Telecom	174 CT, Fiber		Parallel	Remain				N
1047	U37	1	I-26	465+00 to 468+00	RT	Lexington Medical	Telecom	Varies, Fiber		Parallel	Remain				N
1048	U37	1	I-26	465+50 to 469+00	RT	AT&T	Telecom	2", Telephone		Parallel	Remain				N
1048.1	U37	1	I-26	468+50 to 471+50	LT	AT&T	Telecom	200PR, Copper		Parallel	Remain				N
1048.2	U37	1	I-26	471+50	LT/RT	AT&T	Telecom	UNKN, Conduit		Crossing	Remain				N
1048.3	U37	1	I-26	471+50 to 475+50	LT	AT&T	Telecom	6-Way, Duct Bank		Parallel	Remain				N
1048.4	U37	1	I-26	473+50 to 475+00	LT/RT	SCDOT/ITS	ITS	Varies, Pole		Crossing	Remain				N
1048.5	U37	1	I-26	473+50 to 476+00	LT/RT	SCDOT/ITS	ITS	Varies, Fiber		Crossing	Remain				N
1048.6	U37	1	I-26	472+50 to 480+00	RT	CofWC	Water	12", UNKN		Parallel	Remain				N
1048.7	U37	1	I-26	471+50 to 480+50	LT	Dominion	Power	UKN, Power Pole		Parallel/ Crossing	Remain				N
1048.8	U37	1	I-26	473+50 to 477+00	RT/LT	Dominion	Power	UKN, Power Pole		Crossing	Remain				N
1048.9	U37	1	I-26	472+50 to 475+50	RT/LT	AT&T	Telecom	UKN, Duct Bank		Crossing	Remain				N
1048.91	U37	1	I-26	467+00 to 469+50	RT	UKN	Telecom	Varies, Fiber		Parallel	Remain				N
1002	U32 to U37	1	I-26	404+50 to 470+00	LT/RT	SCDOT/ITS	Power	UNKN	Roadway, Drainage	Parallel	Relocate	- , Power, UG	7,250	LF	N
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	FOR INFORMA ONLY	TION   	fed. rd. div. no. 3	STATE S.C.	COUNTY LEXINGTON/RICHLAND	FILE NO.	ROAD/ROUTE NO. I-26/I-20/I-126	SHEET NO. U37/
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N	SCDOT will relocate ahead of contractor a	and reco	onnect	after	constructi	on.		
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Reloc. No.	Sheet Number	Phase No.	Reference Baseline	Station	Offset (ft)	Utility Ow ne r	Existing Utility Type	Existing Utility (Size, Material)	Proposed Conflict Feature	Parallel or Crossing	Relocate or Remain	Proposed Utility (Size, Material, Type)	Quantity	Unit	In-Contract (Y/N)
1049	U56 to U57	1	MORN	9006+50 to 9022+50	LT	Spirit/Segra	Telecom	48 CT, Fiber	Roadway, Drainage	Parallel	Relocate	48CT, Fiber, UG	1,650	LF	N
1050	U56	1	MORN	9006+50 to 9010+00	LT	Dominion	Power	UKN, Power Pole		Parallel	Remain				N
1051	U56	1	MORN	9006+50 to 9017+00	LT	Varies	Power/ Telecom	UKN, Power Pole	Roadway, Drainage	Parallel	Relocate	- , Power Pole, OH	1,005	LF	N
1052	U56 to U57	1	I-26 Ramp C	5403+50 to 5408+50	LT	CofC	Sewer	30" , PCCP FM		Parallel	Remain				Y
1059	U56 to U57	1	I-126RD/ I-126	7388+40 to 18+50	LT/RT	ITS	Power	UKN	Roadway, Drainage	Parallel/ Crossing	Relocate	UKN, - ,UG	1,300	LF	N
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South Carolina Department of Transportation

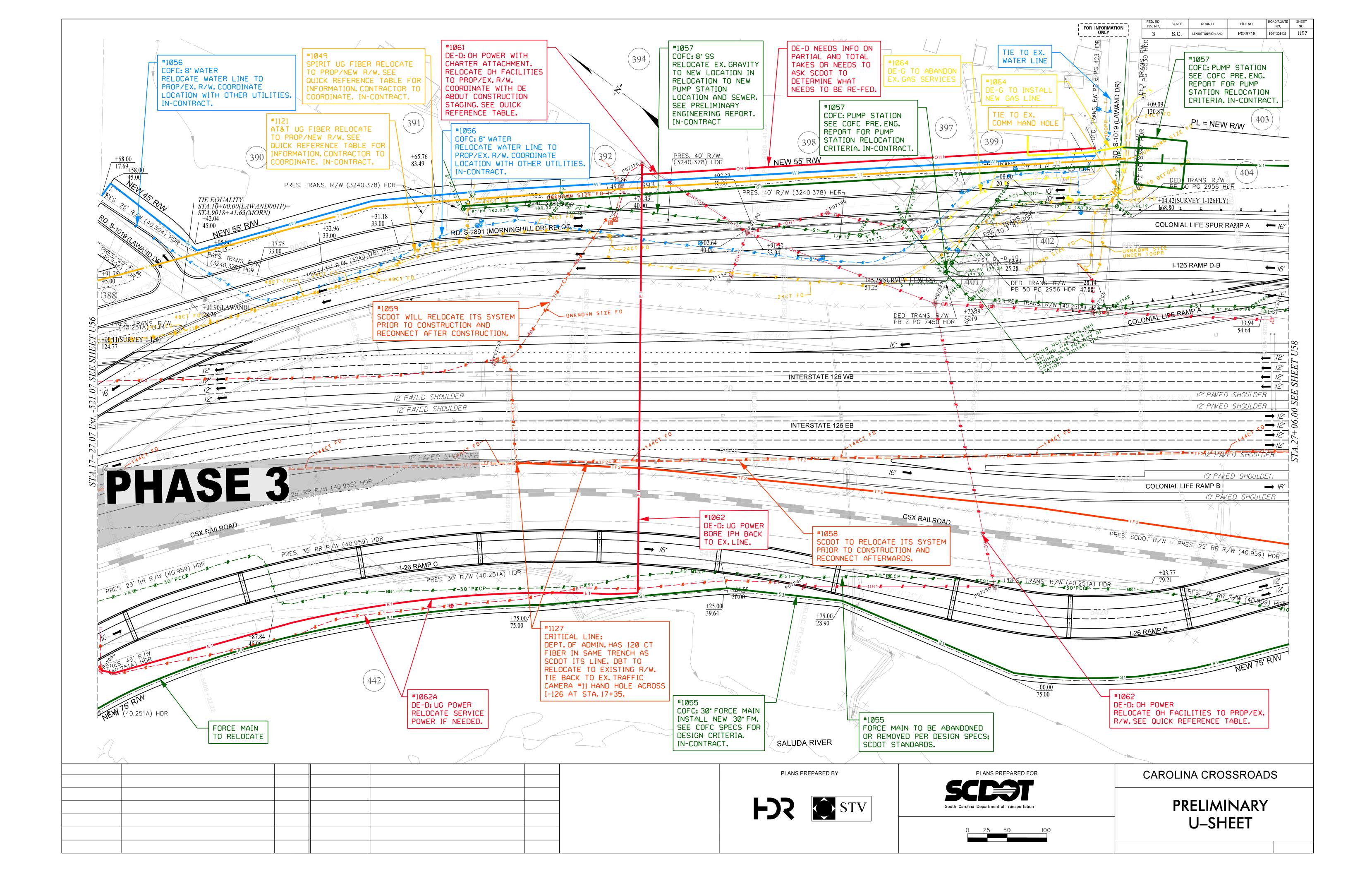
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 COUNTY
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CAROLINA CROSSROADS

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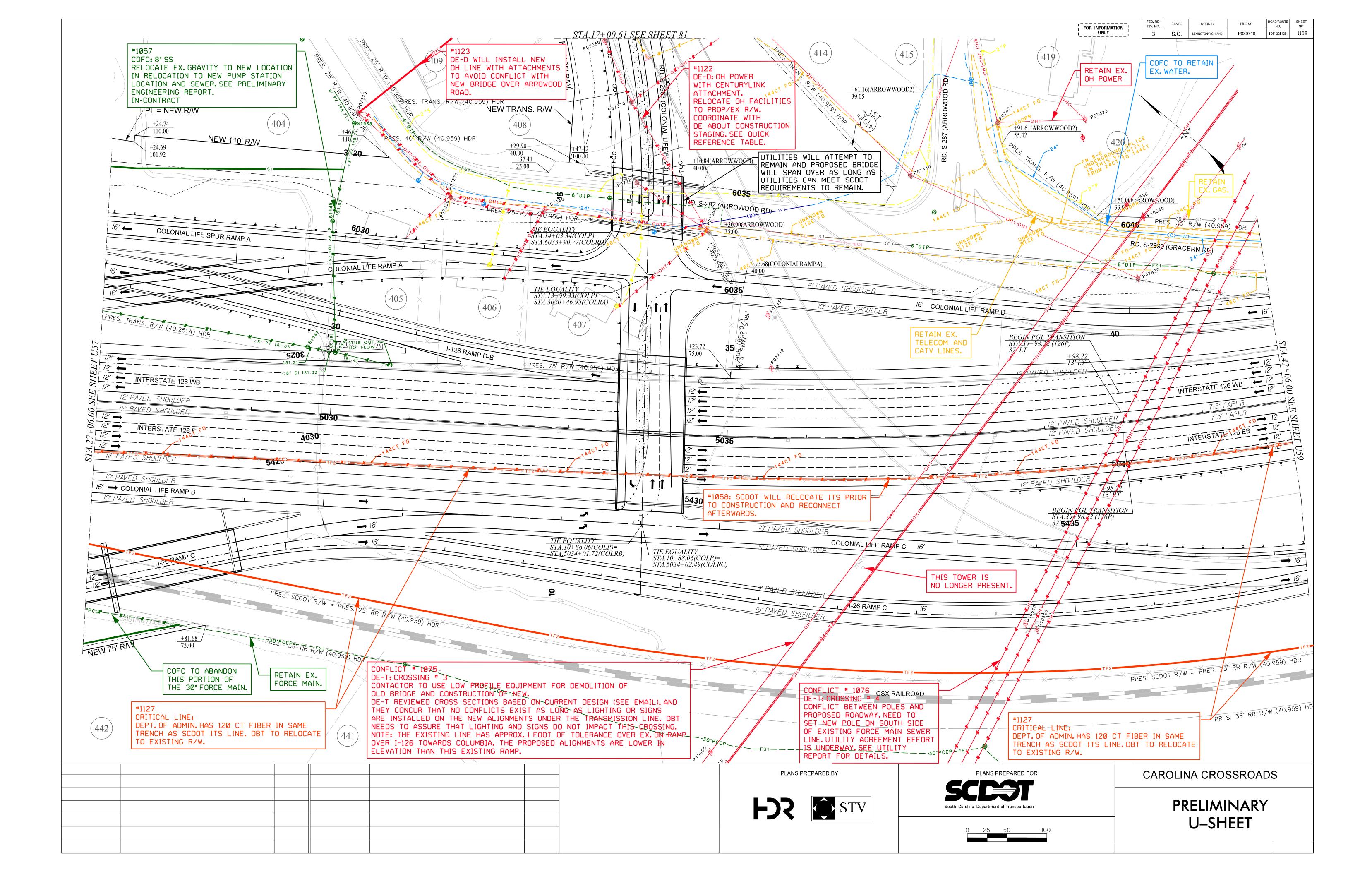
FOR INFORMATION



Reloc. No.	Sheet Number	Phase No.	Reference Baseline	Station	Offset (ft)	Utility Ow ne r	Existing Utility Type	Existing Utility (Size, Material)	Proposed Conflict Feature	Parallel or Crossing	Relocate or Remain	Proposed Utility (Size, Material, Type)	Quantity	Unit	In-Contrac (Y/N)
1053	U57	1	I-26 Ramp C	5407+00 to 5416+00	RT	Dominion	Power	UKN	Roadway	Parallel/ Crossing	Relocate	- , - ,UG	1,250	LF	N
1054	U57	1	I-26 Ramp C	5416+00 to 5418+50	LT/RT	Dominion	Power	UKN, Power Pole	Roadway	Crossing	Relocate	- , Power Pole, OH	250	LF	N
1055	U57 to U58	1	I-26 Ramp	5408+50 to 5423+50	RT	CofC	Sewer	30" , PCCP FM	Roadway, Drainage	Parallel/ Crossing	Relocate	30" , PCCP FM, UG	1,630	LF	Y
1056	U57	1	MORN	9018+00 to 9030+00	LT	CofC	Water	8", UKN	Roadway, Drainage	Parallel/ Crossing	Relocate	8", - ,UG	1,300	LF	Y
1057	U57 to U58	1	I-126	17+00 to 30+50	LT	CofC	Sewer	Varies, PV	Roadway, Drainage	Parallel	Relocate	Varies, Varies, UG	Varies	LF	Y
1058	U57 to U60	1	I-126	17+00 to 70+00	RT	ITS	Power	UKN	Roadway, Drainage, Bridge	Parallel	Relocate	UKN, - ,UG	5,300	LF	N
1059	U56 to U57	1	I-126RD/ I-126	7388+40 to 18+50	LT/RT	ITS	Power	UKN	Roadway, Drainage	Parallel/ Crossing	Relocate	UKN, - ,UG	1,300	LF	N
1060	U57	1	MORN	9024+00 to 9026+00	LT/RT	Varies	Power/ Telecom	UKN, Power Pole	Roadway, Drainage	Parallel/ Crossing	Relocate	- , Power Pole, OH	160	LF	N
1061	U57	1	MORN	9025+00 to 9028+00	LT/RT	Dominion	Power	UKN, Power Pole	Roadway, Drainage	Parallel/ Crossing	Relocate	- , Power Pole, OH	700	LF	N
1062	U57	1	I-126	23+00	LT/RT	Dominion	Power	UKN, Power Pole	Roadway, Drainage	Crossing	Relocate	UKN, Power Pole, OH	370	LF	N
1064	U57	1	MORN	9027+50 to 9030+00	LT/RT	Dominion	Gas	2", Steel	Roadway, Drianage	Parallel/ Crossing	Relocate	2', STL, UG	148	LF	N
1065	U57	1	MORN	9029+00 to 9030+00	LT	AT&T	Telecom	100 PR, Copper		Parallel	Remain				N
1066	U57	1	MORN	24+50	LT	AT&T	Telecom	UKN, Fiber	Roadway	Crossing	Relocate				N
1127	U57 to U60	1	I-126	17+35 to 81+55	LT	DOA	Varies	120CT, Fiber	Roadway	Parallel	Relocate	120 CT, Fiber, UG	6,420	LF	Y
												PLANS PREF	PARED BY		
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	PLANS PREPARED BY	

	FOR INFORMAT		FED. RD. DIV. NO. 3	STATE	COUNTY LEXINGTON/RICHLAND	FILE NO. P039718	ROAD/ROUTE NO. I-26/I-20/I-126	shee NO. U5
ct	Со	mmen	its					
								-
	Relocate 235 gpm pump station, 48 LF 12-i 48 LF 6-in. force main.	n. grav	., 456 L	F8-in	ı. grav., 830	LF 8-in.	grav., an	d
	SCDOT will relocate ahead of contractor an	nd reco	nnect a	after co	onstruction	n.		
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	NOTE: Dept. of Admin. has critical 120 CT fi	iber lin	e in sai	ne tre	ench as SCD	OT's ITS		
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	PLANS PREPARED FOR		CAR	OLIN		SSROA	DS	



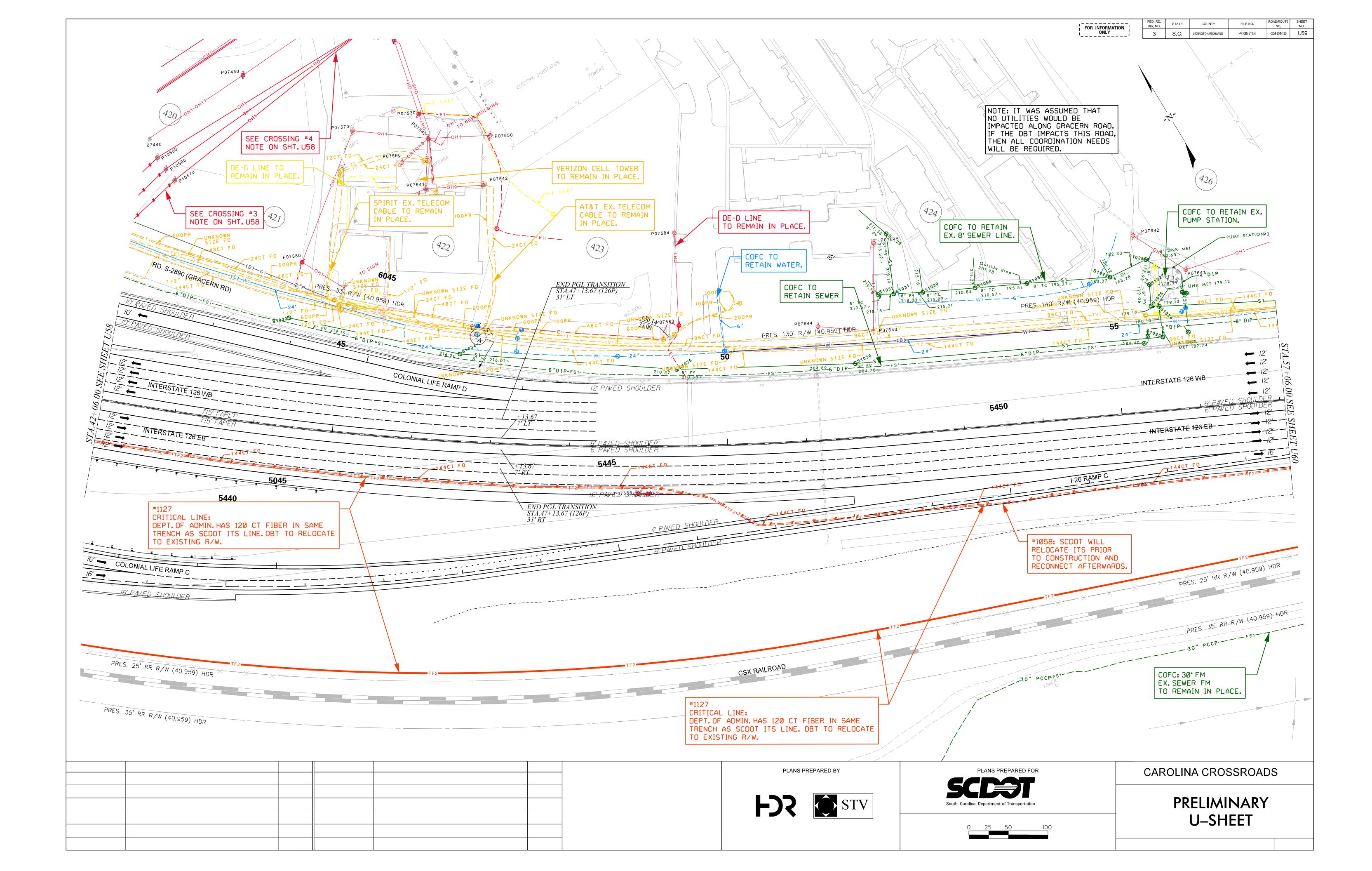
Reloc. No.	Sheet Number	Phase No.	Reference Baseline	Station	Offset (ft)	Utility Ow ne r	Existing Utility Type	Existing Utility (Size, Material)	Proposed Conflict Feature	Parallel or Crossing	Relocate or Remain	Proposed Utility (Size, Material, Type)	Quantity	Unit	In-Contra (Y/N)
1067	U58 to U59	1	I-126	30+00 to 56+00	LT	CofC	Sewer FM	6", DIP		Parallel	Remain				Y
1068	U58 to U60	1	I-126	30+00 to 72+00	LT	CofC	Water	24", UNK		Parallel	Remain				Y
1069	U58 to U59	1	I-126	30+00 to 38+00	LT	Dominion	Gas	2", STL		Parallel	Remain				N
1069.1	U58 to U59	1	I-126	38+50 to 45+00	LT	Dominion	Gas	2", Plastic		Parallel	Remain				N
1070	U58	1	I-126	30+00 to 35+00	LT	Varies	Power/ Telecom	, Power Pole		Parallel	Relocate				N
1071	U58 to U59	1	I-126	30+00 to 50+00	LT	AT&T	Telecom	48 CT, Fiber		Parallel	Remain				N
1072	U58	1	I-126	30+00 to 35+00	LT	Dominion	Power	Power Pole		Parallel	Relocate				N
1073	U58	1	I-126	35+00 to 45+00	LT	Varies	Power/ Telecom	, Power Pole		Parallel	Remain				N
1074	U58 to U60	1	I-126	34+50 to 72+00	LT	Charter	Telecom	UNKN, Fiber		Parallel	Remain				N
1075	U58	1	I-126	38+00	LT/RT	Dominion	Power	, TRANS		Parallel/ Crossing	Remain				N
1076	U58	1	I-126	40+00	LT/RT	Dominion	Power	, TRANS		Parallel/ Crossing	Relocate				N
1077	U58 to U59	1	I-126	38+50 to 47+00	LT	AT&T	Telecom	1/2", Fiber		Parallel	Remain				N
1078	U58 to U58	1	I-126	35+00 to 39+00	LT	AT&T	Telecom	144 CT, Fiber		Parallel	Remain				N
1079	U58 to U59	1	I-126	38+50 to 49+00	LT	Spirit/Segra	Telecom	600 PR, Copper		Parallel	Remain				N
1080	U58 to U59	1	I-126	38+00 to 47+00	LT	AT&T	Telecom	24 CT, Fiber		Parallel	Remain				N
1081	U58 to U60	1	I-126	38+00 to 72+00	LT	Spirit/Segra	Telecom	144 CT, Fiber		Parallel	Remain				N
1058	U57 to U60	1	I-126	17+00 to 70+00	RT	ITS	Power	UKN	Roadway, Drainage, Bridge	Parallel	Relocate	UKN, - ,UG	5,300	LF	N
1127	U57 to U60	1	I-126	17+35 to 81+55	LT	DOA	Varies	120CT, Fiber	Roadway	Parallel	Relocate	120 CT, Fiber, UG	6,420	LF	Y
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PLANS PREPARED BY		

	FOR INFORMATION ONLY	FED. RD. DIV. NO.	STATE	COUNTY LEXINGTON/RICHLAND	FILE NO. P039718	ROAD/ROUTE NO. I-26/I-20/I-126	SHEET NO. U58A
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	SCDOT will relocate ahead of contractor and rec	connec	t after	constructi	on.		-
	NOTE: Dept. of Admin. has critical 120 CT fiber l	ine in s	ame tr	ench as SC	DOT's IT	'S.	
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CAROLINA CROSSROADS



Reloc. No.	Sheet Number	Phase No.	Reference Baseline	Station	Offset (ft)	Utility Owner	Existing Utility Type	Existing Utility (Size, Material)	Proposed Conflict Feature	Parallel or Crossing	Relocate or Remain	Proposed Utility (Size, Material, Type)	Quantity	Unit	In-Contra (Y/N)
1082	U59	1	I-126	45+00 to 46+00	LT	Spirit/Segra	Telecom	72 CT, Fiber		Parallel	Remain				N
1083	U59	1	I-126	46+00 to 50+50	LT	AT&T	Telecom	100 PR, Copper		Parallel	Remain				N
1084	U59	1	I-126	49+00 to 50+00	LT	AT&T	Telecom	200 PR, Copper		Parallel	Remain				N
1085	U59 to U60	1	I-126	44+00 to 55+50	LT	CofC	Sewer FM	8", PV		Parallel	Remain				Y
1086	U59	1	I-126	44+00 to 47+00	LT	Dominion	Power	OH, Power Pole		Parallel	Remain				N
1087	U59	1	I-126	46+00 to 48+00	LT	Dominion	Power	UNKN, UG		Parallel	Remain				N
1088	U59	1	I-126	45+00 to 48+00	LT	Dominion	Gas	1 1/4", UNKN		Parallel	Remain				N
1089	U59	1	I-126	45+00 to 46+00	LT	Charter	Telecom	UNKN, OH		Parallel	Remain				N
1090	U59	1	I-126	46+00 to 47+00	LT	Spirit/Segra	Telecom	UNKN, OH		Parallel	Remain				N
1091	U59	1	I-126	47+00 to 49+50	LT	Dominion	Power	UNKN, UG		Parallel	Remain				N
1092	U59	1	I-126	50+00	LT	CofC	Water	6" , UNKN		Parallel	Remain				Y
1093	U59 to U60	1	I-126	45+00 to 60+00	LT	AT&T	Telecom	96 CT, Fiber		Parallel	Remain				N
1094	U59	1	I-126	52+00 to 56+00	LT	CofC	Sanitary Sewer	8", PV/TC		Parallel	Remain				Y
1095	U59	1	I-126	51+00 to 52+00	LT	Dominion	Power	OH, Power Pole		Parallel	Remain				N
1096	U59 to U60	1	I-126	55+00 to 60+00	LT	Dominion	Gas	2", STL		Parallel	Remain				N
1098	U59	1	I-126	56+00	LT	CofC	Sewer	4", DIP		Parallel	Remain				Y
1099	U59	1	I-126	45+00 to 65+00	LT	Spirit/Segra	Telecom	UNKN, Fiber		Parallel	Remain				N
1100	U59 to U60	1	I-126	55+00 to 70+00	LT	CofC	Sewer	<10", PV		Parallel	Remain				Y
1058	U57 to U60	1	I-126	17+00 to 70+00	RT	ITS	Power	UKN	Roadway, Drainage, Bridge	Parallel	Relocate	UKN, - ,UG	5,300	LF	N
1127	U57 to U60	1	I-126	17+35 to 81+55	LT	DOA	Varies	120CT, Fiber	Roadway	Parallel	Relocate	120 CT, Fiber, UG	6,420	LF	Y

	-	PLANS PREPARED BY	
		<b>FS</b> STV	

			FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	ROAD/ROUTE NO.	SHEET NO.
	FOR INFORMAT	J	3	S.C.	LEXINGTON/RICHLAND	P039718	I-26/I-20/I-126	U59/
act	Cr	omme	nts					
		Jinne	1115					
	SCDOT will relocate ahead of contractor a	and rec	onnec	t after	constructi	ion.		
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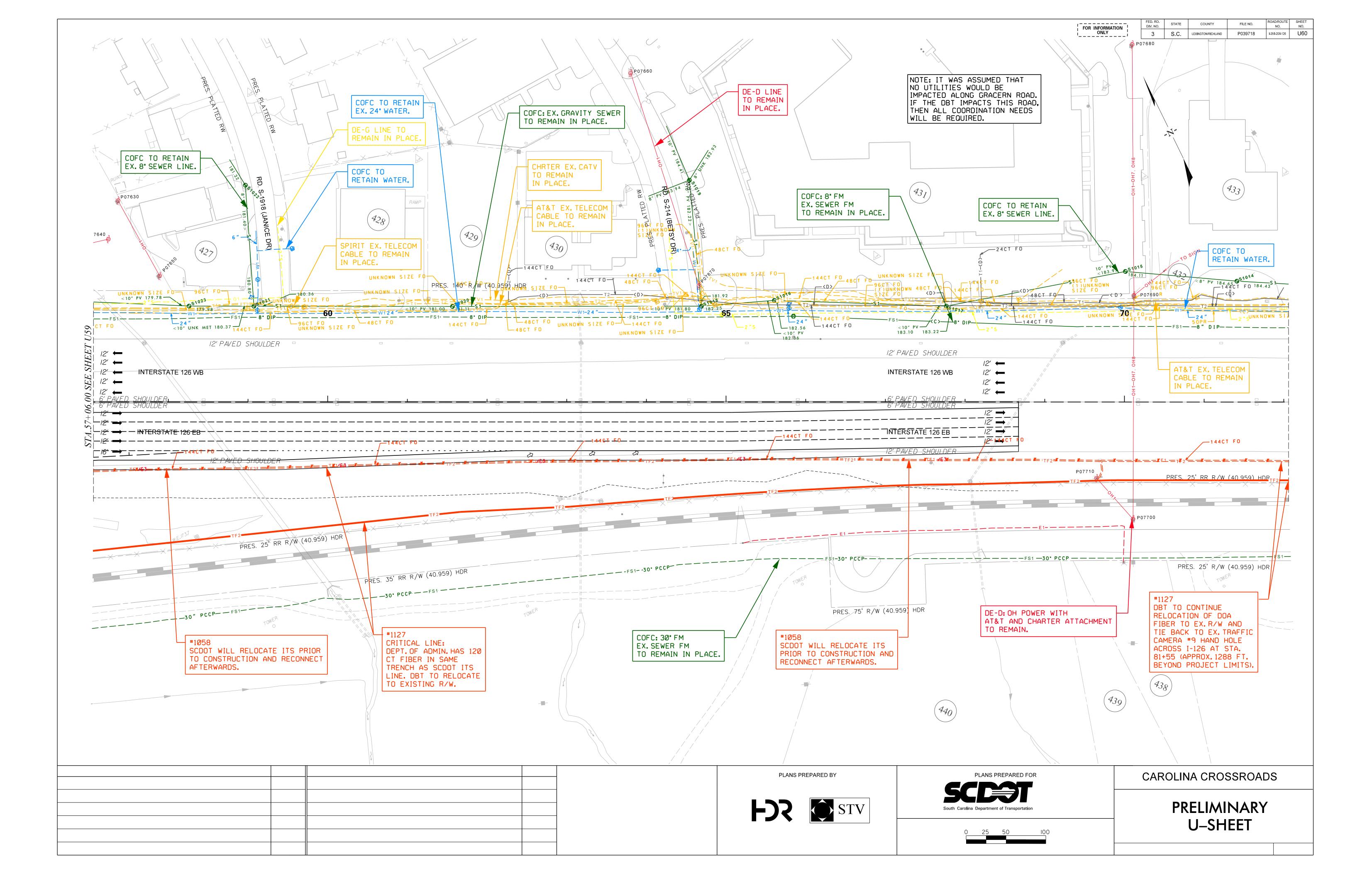
Reloc. No.	Sheet Number	Phase No.	Reference Baseline	Station	Offset (ft)	Utility Ow ner	Existing Utility Type	Existing Utility (Size, Material)	Proposed Conflict Feature	Parallel or Crossing	Relocate or Remain	Proposed Utility (Size, Material, Type)	Quantity	Unit	In-Contract (Y/N)
1102	U59	1	I-126	45+00 to 46+00	LT	Spirit/Segra	Telecom	24 CT, Fiber		Parallel	Remain				N
1103	U59	1	I-126	45+00 to 46+00	LT	Spirit/Segra	Telecom	72 CT, Fiber		Parallel	Remain				N
1105	U59	1	I-126	45+00 to 47+00	LT	AT&T	Telecom	24 CT, Fiber		Parallel	Remain				N
1106	U59	1	I-126	52+00 to 55+00	LT	CofC	Water	6", UNKN		Parallel	Remain				Y
1107	U59 to U60	1	I-126	55+00 to 58+00	LT	AT&T	Power	OH, Power Pole		Parallel	Remain				N
1108	U59 to U60	1	I-126	56+00 to 72+00	LT	CofC	Sewer	8", DIP		Parallel	Remain				Y
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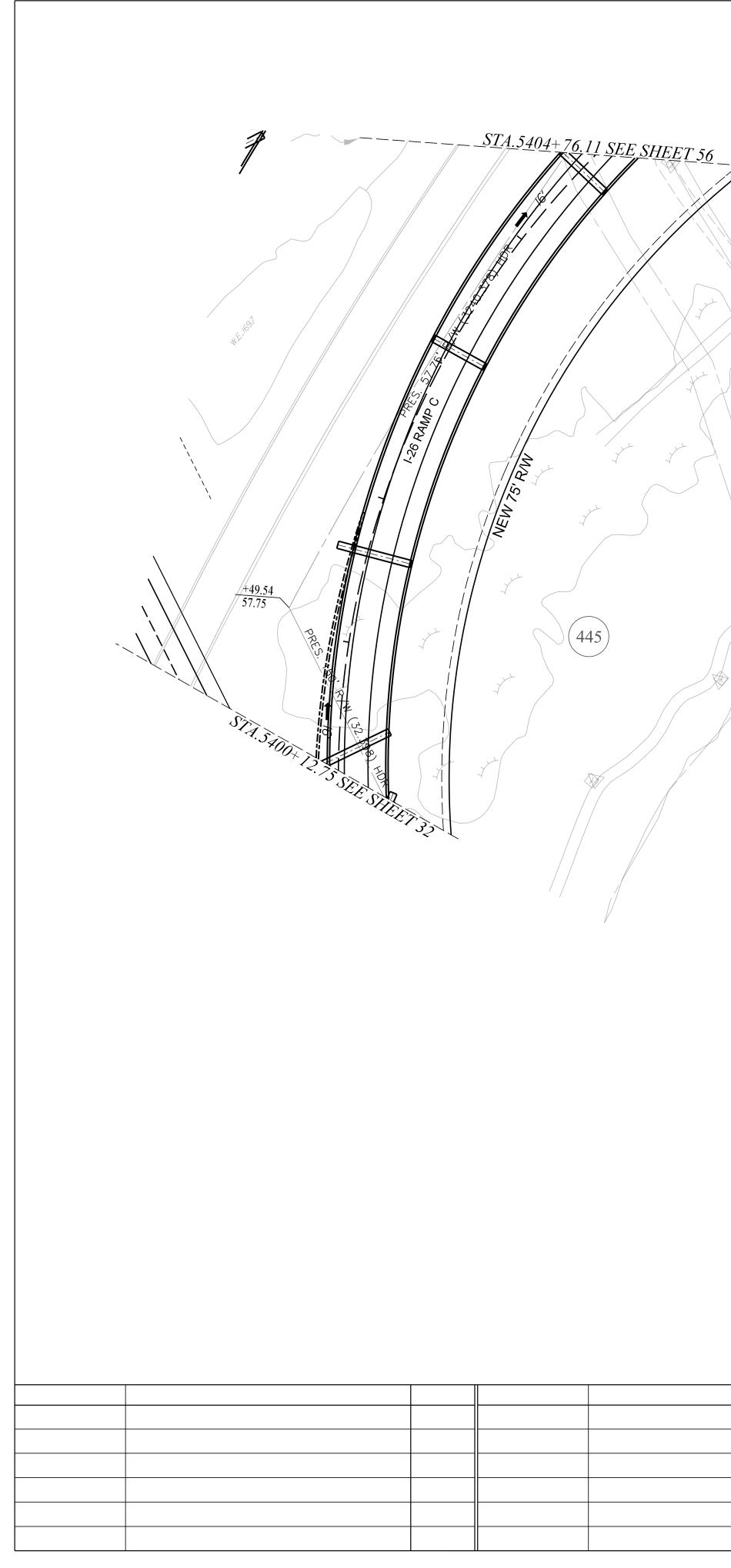


Reloc. No.	Sheet Number	Phase No.	Reference Baseline	Station	Offset (ft)	Utility Ow ne r	Existing Utility Type	Existing Utility (Size, Material)	Proposed Conflict Feature	Parallel or Crossing	Relocate or Remain	Proposed Utility (Size, Material, Type)	Quantity	Unit	In-Contra (Y/N)
1101	U59	1	I-126	59+00 to 65+00	LT	Spirit/Segra	Telecom	48 CT, Fiber		Parallel	Remain				N
1109	U60	1	I-126	59+00	LT	CofC	Sewer	8", PV		Parallel	Remain				Y
1110	U60	1	I-126	59+00 to 60+00	LT	CofC	Water	6", UKN		Parallel	Remain				Y
1111	U60	1	I-126	59+50 to 64+50	LT	AT&T	Telecom	UNKN, Fiber		Parallel	Remain				N
1112	U60	1	I-126	59+00 to 72+00	LT	Charter	Telecom	96 CT, Fiber		Parallel	Remain				N
1113	U60	1	I-126	64+00 to 65+00	LT	CofC	Sewer	10", PV		Parallel	Remain				Y
1114	U60	1	I-126	64+00 to 65+00	LT	CofC	Sewer	8", PV/UKN		Parallel	Remain				Y
1115	U60	1	1-126	64+50	LT	CofC	Water	4", UNKN		Parallel	Remain				Y
1116	U60	1	I-126	64+00 to 65+00	LT	Dominion	Power	OH, Power Pole		Parallel	Remain				N
1117	U60	1	I-126	64+50 to 72+00	LT	Dominion	Gas	2", STL		Parallel	Remain				N
1118	U60	1	I-126	64+00 to 72+00	LT	Charter	Telecom	UKN, Fiber		Parallel	Remain				N
1119	U60	1	I-126	64+50 to 72+00	LT	AT&T	Telecom	144 CT , Fiber		Parallel	Remain				N
1120	U60	1	I-126	70+00 to 72+00	LT	AT&T	Telecom	50 PR, Copper		Parallel	Remain				N
1120.1	U60	1	I-126	70+00	LT/RT	Dominion	Power	OH, Power Pole		Crossing	Remain				N
1120.2	U60	1	I-126	70+00	LT/RT	Various	Telecom	OH, Power Pole		Crossing	Remain				N
1058	U57 to U60	1	I-126	17+00 to 70+00	RT	ITS	Power	UKN	Roadway, Drainage,	Parallel	Relocate	UKN, - ,UG	5,300	LF	N
1127	U57 to U60	1	I-126	17+35 to 81+55	LT	DOA	Varies	120CT, Fiber	Bridge Roadway	Parallel	Relocate	120 CT, Fiber, UG	6,420	LF	Y
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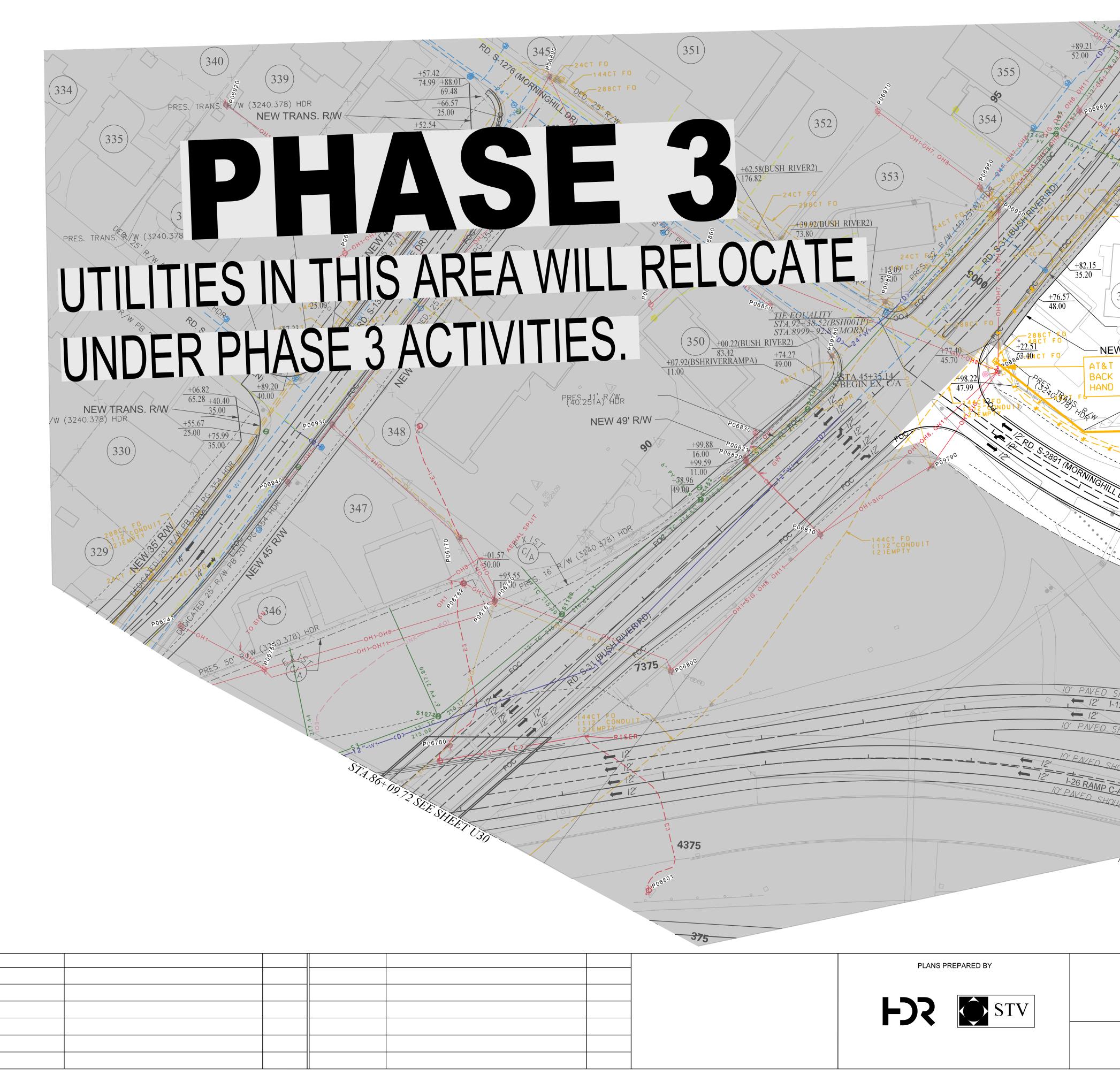
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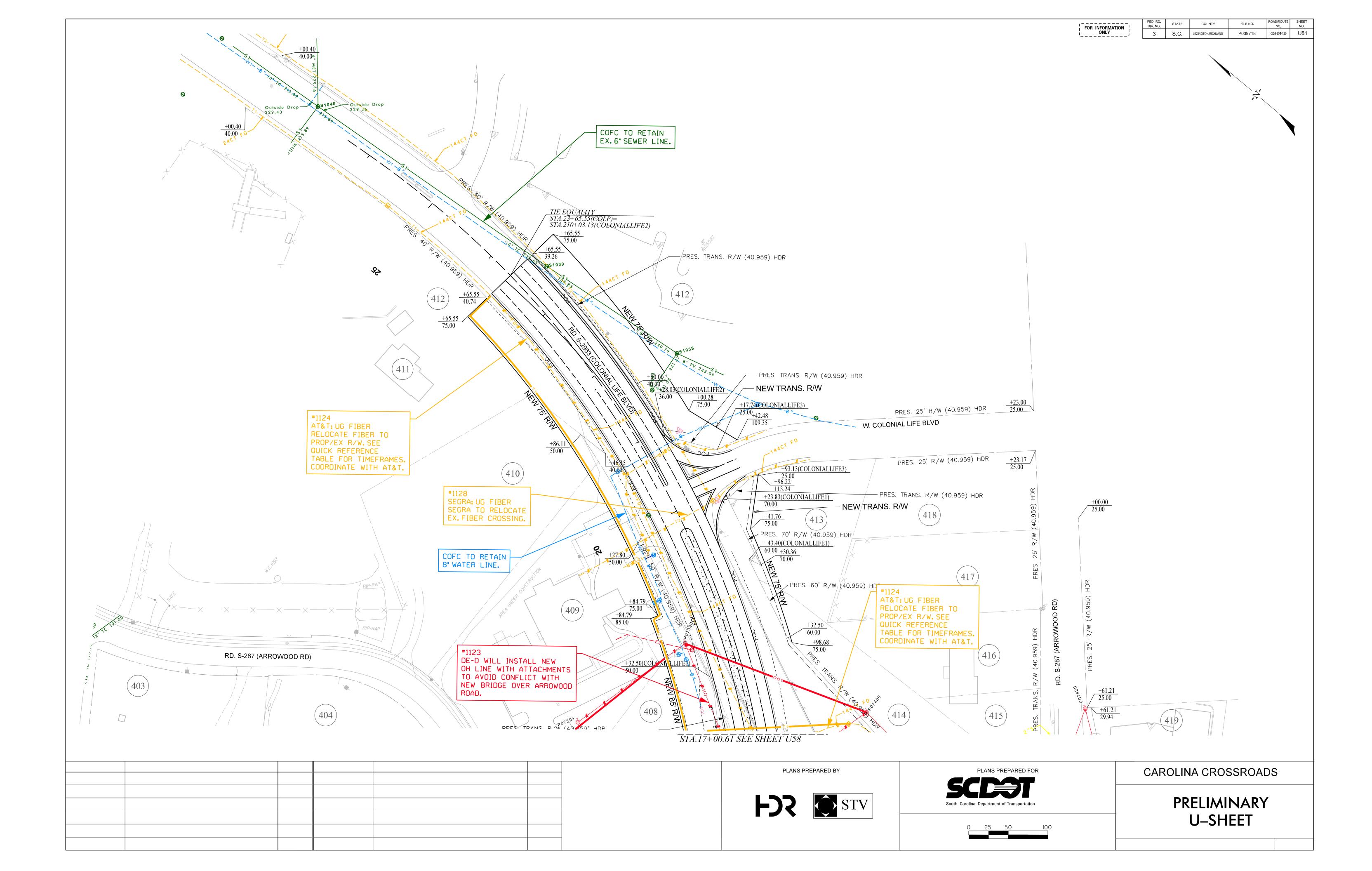
Reloc. No.	Sheet Number	Phase No.	Reference Baseline	Station	Offset (ft)	Utility Owner	Existing Utility Type	Existing Utility (Size, Material)	Proposed Conflict Feature	Parallel or Crossing	Relocate or Remain	Proposed Utility (Size, Material, Type)	Quantity	Unit	In-Contract (Y/N)
1121	U80 to U57	1	MORN	9000+50 to 9030+00	LT	AT&T	Telecom	24 CT, Fiber	Roadway, Drainage	Parallel	Relocate	24 CT, Fiber, UG	3,000	LF	N
1121.1	U80 to U56	1	MORN	9000+50 to 9006+50	LT	Spirit/Segra	Telecom	48 CT, Fiber		Parallel	Remain				N
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Reloc. No.	Sheet Number	Phase No.	Reference Baseline	Station	Offset (ft)	Utility Ow ner	Existing Utility Type	Existing Utility (Size, Material)	Proposed Conflict Feature	Parallel or Crossing	Relocate or Remain	Proposed Utility (Size, Material, Type)	Quantity	Unit	In-Contra (Y/N)
1122	U58 to U81	1	COLP	13+50 to 16+00	LT/RT	Varies	Power/ Telecom	Power Pole	Roadway, Drainage	Parallel/ Crossing	Relocate	- , Power Pole, UG	550	LF	N
1123	U58 to U81	1	COLP	16+00 to 18+50	LT	Dominion	Power	Power Pole	Roadway, Drainage	Parallel	Relocate	- , Power Pole, UG	400	LF	N
1124	U58 to U81	1	COLP	16+50 to 25+50	LT	AT&T	Telecom	144 CT, Fiber	Roadway, Drainage	Parallel	Relocate	144 CT, Fiber, UG	900	LF	N
1125	U81	1	COLP	19+50 to 21+00	LT/RT	AT&T	Telecom	100 PR, Copper	Roadway, Drainage	Parallel/ Crossing	Relocate				N
1126	U81	1	COLP	19+50 to 21+00	RT	Spirit/Segra	Telecom	144 CT, Fiber	Roadway, Drainage	Parallel	Relocate				N
1127	U57 to U60	1	I-126	17+35 to 81+55	LT	DOA	Varies	120CT, Fiber	Roadway	Parallel	Relocate	120 CT, Fiber, UG	6,420	LF	Y
1128	U81	1	COLP	20+00	LT/RT	Spirit/Segra	Telecom	96 CT, Fiber	Roadway, Drainage	Crossing	Relocate				N
1128.1	U81	1	COLP	17+50 to 26+50	LT/RT	CofC	Water	8", UNKN		Parallel/ Crossing	Remain				Y
1128.2	U81	1	COLP	21+00 to 26+50	RT	CofC	Sewer	Varies, Varies		Parallel/ Crossing	Remain				Y
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## CAROLINA CROSSROADS: I-26/I-20/I-126 CORRIDOR IMPROVEMENT PROJECT

# Appendix E: Encroachment Permit Log

## **ENCROACHMENT PERMIT LOG**

#### I-20/ I-26/ I-126 "Carolina Crossroads" Improvement Project Log Last Updated: June 12, 2020\*

SC Permit No.	Utility Work Order #	Utility Type	Utility Owner	Utility Contact	Contact #	Submittal Date	CCR PHASE		
200060402	89D22667N	СОММ	ATT SC	Jeffrey Rich	803-476-9277	03/18/20	1	AS-BUILTS (EP# 21 491' jack and bore	
200060481	1710AIEE.7	СОММ	MCI Metro (Quanta)	Liz Sawyer	980-285-3025	09/22/18	1	Broad River Road 30"x60"x30" hand	
200061858	1710AIEE.39	СОММ	MCI Metro (Quanta)	Liz Sawyer	980-285-3025	11/05/18	1	AS-BUILTS (EP# 21	
200065078	99D22044N-A01HMNB	СОММ	ATT SC	Cindy Cripps	803-862-4494	01/30/19	1	AS-BUILTS (EP# 22	
200074202	SO# 1472669	СОММ	SCTelecom Group (Segra)	Alicia Manzi	803-726-4084	10/13/19	1	Gracern Rd (S-289	
200074499	SO# 1557628	СОММ	SCTelecom Group (Segra)	Alicia Manzi	803-726-4084	10/22/19	1	Sunset Blvd (US 37 1.25" conduit with	
200080078	CLM_1905BZOP_MTSO_H1 003A	СОММ	MCIMetro (Verizon)	Valeria Osorio	832-509-9865	3/27/2020	1	Broad River Road Kat St (S-2016), Ev via directional bor	
200073734	UNK	СОММ	Level3Comm (Century Link)	Melody P. Sams	336-285-7497	10/15/2019	1	Overlash new 48ct 2' FOC through exi	
200084015	CLM_1710AIEE.14	СОММ	MCI Metro (Quanta)	Valeria Osorio	832-509-9865	4/11/2020	1	Place 2,104' of 7-w Bush River Road (S	
200060465/ 200060471	1276932	СОММ	SCTelecom Group (Segra)	Melody P. Sams	336-285-7497	09/21/18	1	I-20 (I-20E), I-20 (I- I-20.	

\*Note: These encroachment permits have NOT been updated in SUE dgn files provided. It will be the responsibility of the DBT to verify and obtain Level B SUE services for these permitted utilities if DBT deems that level of service necessary, otherwise, confirm permitted utilities and map by Level D SUE. See Appendix E Folder for Encroachment Permit Packages.

### **New Utility Description**

216768) - Colonial Life Blvd and Arrowwood Road and Gracern Road:495' and ore of fiber

d (US 176), Arrowwood Road (S-287) and Gracern Road (S-2890): place three ndholes, directional bore 1,155' buried 2" HDPE conduit with fiber optic cable

219581) - Gracern Road (S-2890):

221479) Gracern Rd (S-2890), Betsy Dr (S-214): 1,342' UG cable

890), Janice Dr (S-1918): 174' of 2" conduit with fiber

378) and W. Hospital Dr (S-1676). Not in project limits per SCDOT: 1,660' of 3 - ith fiber

d (US 176), Metze Rd (S-2233), Saint Andrews Rd (S-42), Avalee Ave (S-2715), Evelyn Dr (S-690) and Fernandina Rd (S-2893): Place 22,333' of 7-way conduit ore within SCDOT ROW

Sct FOC 276' from existing DE-T Pole 1 to existing Pole 2 down 20', then pulling existing conduit to existing handhole on Stoneridge Dr (S-2262)

7-way conduit & fiber via directional bore along N Arrowwood Road (S-287) and (S-31)

(I-20W), Sunset Blvd (US 378E): 3 - 1.25" conduit with fiber for 1350 feet under

## CAROLINA CROSSROADS: I-26/I-20/I-126 CORRIDOR IMPROVEMENT PROJECT

# Appendix F: Utility Meeting Log

## **MEETING LOG**

#### I-20/I-26/I-126 "Carolina Crossroads" Improvement Project Log Last Updated June 12, 2020\*

Meeting Date	Meeting Participants	Purpose	Meeting Summary	
	-		-	Meeting Description
7/11/2018	All	Project Update, RA Review	See PE UTC Report	Updated project status, introduced project recommended preferred alignment, revie
12/19/2018	SCDOT, DE, UCT	Project overview, potential conflicts	See PE UTC Report	Introduce overall project initially and discuss potential conflicts with DE (SCE&G) facil
2/27/2019	SCDOT, DE, UCT	Follow up meeting to 12/19/18	See PE UTC Report	Operations personnel was included and further discussion about possible in-contract contract work doesn't work with DE requirements for construction and design
7/8/2019	SCDOT, COC, UCT	Project overview, COC conflict ID, in-contract work discussion	See PE UTC Report	Discuss of in-contract work advantages, path forward, concerns, project overview
1/20/2020	Century Link, UCT	Conflict ID, resolution discussion	See PE UTC Report	Discuss U-sheets for conflict identification and resolution, required documents, proce
1/22/2020	SCDOT, UCT, DE- T/D/G	Conflict ID, resolution, UA, prior rights discussion	See PE UTC Report	Discuss U-sheets for conflict identification and resolution, UA agreement for prelim en forward
2/17/2020	HDR, MCI	Conflict ID, resolution discussion	See PE UTC Report	Discuss U-sheets for conflict identification and resolution, No in-contract work will be
2/24/2020	HDR, SCDOT, DOA	Facility ID, Project Overview, path forward	See PE UTC Report	Overview of project, DOA existing locations and history, potential relocation options, needed in near future
Various	SCDOT, UCT	Utility Status, ROW, RFQ & RFP, Schedule	See PE UTC Report	Weekly/ Bi-weekly updates on utility coordination progress, potential impacts, RFQ/R ROW acquisition priority, utility corridor in relation to ROW (ID potential impact areas
	•		•	be the responsibility of the DBT to verify and obtain Level B SUE services for these po ndix E Folder for Encroachment Permit Packages.

view potential conflicts, schedule, etc.
acilities; possible in-contract work
act work. At the time of the meeting, in-
ocess forward
n engr, required documents, process
be used.
ns, coordination between SCDOT/ DOA
Q/RFP items, utility agreements, reas) (20-30 meetings)
e permitted utilities if DBT deems that level

## CAROLINA CROSSROADS: I-26/I-20/I-126 CORRIDOR IMPROVEMENT PROJECT

# Appendix G: Tracking Spreadsheets

#### SUBMITTAL TRACKING SHEET I-20/I-26 / I-126 "Carolina Crossroads" Improvement Project Phase 1: Colonial Life Boulevard Updated Last: June 19, 2020

Utility Owner	Contact Person	Phone Number	Email	Quic	k Reference Tabl	e	т	Tie-In Points In- (Y/N) Agreement Utility Bill (Y/N) Agreement Utility Bill (Y/N) Agreement Utility Bill (Y/N) Agreement Utility Bill						sal (RFP) Docun		s Utility Agreement																	
											(UROA)						Approved Designers/Contractors C		Design Criteria and Construction Specifications		Prior Rights Evide		Prior Right	s Certification	Certification UA (Partial/Full)		ull)	Cost Estimate	Relocation Plans	UA Package	Submittal		
				Sent	Notified they Received Email	eceived Re	equested	Due	Received				Requested	Due	Received	Due Date	Received Date	Due Date	Received Date	Requested	Due Date	Received Date	Due Date	Completed Date	Requested	Due Date	Received Date	Received	Received	Sent	Signed	Due Date	Submitted to DOT
AT&T	Steve Martin / Andrew Washington	803.401.2121 (Steve)/803.476.9253 (Andrew)	sm6480@att.com / aw8544@att.com	1/9/2020	1/24/2020	1	1/9/2020	1/24/2020		N	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1/9/2020	1/24/2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6/19/2020	
CenturyLink	George Hernandez / Russ Wheat	720.888.2639 (George) / 803.206.9563 (Russ)	<u>George.Hernandez@centurylink.com /</u> russ.wheat@centurylink.com	1/9/2020	1/10/2020 2/	/6/2020 1	1/9/2020	1/24/2020	2/6/2020	N	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1/9/2020	1/24/2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6/19/2020	
Charter	Shawn Edwards	803.673.8116	shawn.edwards@charter.com; Kathy Benton. <kbentonebs@outlook.com>; Sharon Roberts <sharon.pawleys@gmail.com>; Nick Fox. <nickfoxebs@gmail.com></nickfoxebs@gmail.com></sharon.pawleys@gmail.com></kbentonebs@outlook.com>	1/9/2020	1/9/2020	1	1/9/2020	1/24/2020	3/3/2020	N	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1/9/2020	1/24/2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6/19/2020	
City of Columbia Sewer	John Hilbert / Andrea Bolling / Richard Culler (CDM Smith) / Bryan Cully (CDM Smith)	803.545.3284 (John Hilbert)	john.hilbert@columbiasc.gov; andrea.bolling@columbiasc.gov; cullerre@cdmsmith.com; cullybl@cdmsmith.com	1/9/2020	1/10/2020 2/	24/2020 1	1/9/2020	1/24/2020	2/24/2020	Y	Yes	Yes	1/9/2020	1/24/2020	1/24/2020, waiting on revision that removes PR	8/1/2020	2/24/2020	8/1/2020	2/24/2020	1/9/2020	1/24/2020	2/24/2020	4/1/2020	4/20/2020	1/8/2020	4/1/2020		Yes	DBT			6/19/2020	
City of Columbia Water	John Hilbert / Andrea Bolling / Richard Culler (CDM Smith) / Bryan Cully (CDM Smith)	803.545.3284 (John Hilbert)	john.hilbert@columbiasc.gov; andrea.bolling@columbiasc.gov; cullerre@cdmsmith.com; cullybl@cdmsmith.com	1/9/2020	1/10/2020 2/	24/2020 1	1/9/2020	1/24/2020	2/24/2020	Y	Yes	Yes	1/9/2020	1/24/2020	1/24/2020, waiting on revision that removes PR	8/1/2020	2/24/2020	8/1/2020	2/24/2020	1/9/2020	1/24/2020	2/24/2020	4/1/2020	4/20/2020	1/8/2020	4/1/2020		Yes	DBT			6/19/2020	
City of West Columbia Sewe	r Thomas Baker	803.518.5097 (Thomas) / 803.939.8625 (Andy Zaengle)	<u>lbaker@westcolumbiasc.gov;</u> azaengle@westcolumbiasc.gov	1/9/2020	1/15/20	N/A	N/A	N/A	N/A	N	N/A	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1/9/2020	1/24/2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6/19/2020	
City of West Columbia Wate	r Thomas Baker	803.518.5097 (Thomas) / 803.939.8625 (Andy Zaengle)	l <u>baker@westcolumbiasc.gov;</u> azaengle@westcolumbiasc.gov	1/9/2020	1/15/2020	N/A	N/A	N/A	N/A	N	N/A	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1/9/2020	1/24/2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6/19/2020	
Dominion Energy Gas	Patrick Gibbons/Connie Beall Stroble	803.217.4733 (Connie)	patrick.gibbons@scana.com /_ constance.STROBLE@dominionenergy.com	1/9/2020	1/9/2020 1/	23/2020 1	1/9/2020	1/24/2020	1/23/2020	N	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1/9/2020	1/24/2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6/19/2020	
Dominion Energy Power Distribution	Jason Evans / Austin Peacock / Connie Beall Stroble	803-217-4733 (Connie)/	jason.evans@scana.com / austin.peacock@dominionenergy.com / constance.STROBLE@dominionenergy.com	1/9/2020	1/9/2020 1/	31/2020 1	1/9/2020	1/24/2020	1/31/2020	N	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1/9/2020	1/24/2020		4/1/2020		1/22/2020	4/1/2020						6/19/2020	
Dominion Energy Power Transmission	Connie Stroble	803-217-4733 (Connie)	constance.STROBLE@dominionenergy.com	1/9/2020	1/9/2020	1	1/9/2020	1/24/2020		N	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1/9/2020	1/24/2020	3/20/2020	4/1/2020	4/16/2020	1/8/2020	4/1/2020	4/1/2020	TBD	TBD	4/20/2020	Yes	6/19/2020	
Segra (fka Spirit Communication)	Mark Chambers	803.587.2188 (Mark - Main Contact) / 980.240.1739 (Ryan McCumber - Engineer)	<u>mark.chambers@spiritcom.com;</u> r.mccumber@goacp.com	1/9/2020	1/15/20 1/	29/2020 1	1/9/2020	1/24/2020	1/29/2020	N	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1/9/2020	1/24/2020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6/19/2020	
Department of Administration	Charlie Brown	803.518.5219	charlie.brown@admin.sc.gov	2/14/2020	2/14/2020	2	2/14/2020	2/19/2020	4/16/2020	Y	N/A	N	N/A	N/A	N/A	5/1/2020		5/1/2020		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6/19/2020	
SCDOT ITS	Steve Littlejohn	803-737-0256	LittlejoSL@scdot.org	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6/19/2020	
Verizon (MCI)	Randy Gilbert/ Brian VanEmmerik	803.214.3622 (Randy) 803.608.7750 (Brian)	randy.gilbert@verizonwireless.com/ brian.van.emmerik@verizon.com	N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6/19/2020	
Lexington Medical Center				N/A	N/A	N/A	N/A	N/A	N/A	N	N/A	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	