

RELEASED FOR CONSTRUCTION 11/04/09

QL-A OVERHEAD/SUBSURFACE UTILITY ENGINEERING NOTES

WORK ORDER DESCRIPTION:

"A QL-A SUBSURFACE UTILITY ENGINEERING(SUE) INVESTIGATION WAS PERFORMED AND COMPLETED BY TBE GROUP, INC. ON 4/15/09 FOR THIS PROJECT. THE EXISTING OVERHEAD AND UNDERGROUND FACILITIES SHOWN HEREON WERE INCLUDED IN THIS SUE INVESTIGATION. THE PRESENCE OF THESE UTILITY FACILITIES HAVE BEEN THOROUGHLY INVESTIGATED AND THE METHOD OF DETERMINING THEIR LOCATION IS INDICATED IN THE PLANS. UTILITIES THAT HAVE BEEN INSTALLED AFTER THE DATE ABOVE HAVE NOT BEEN INCLUDED IN THIS INVESTIGATION AND SHOULD BE CONSIDERED AS FROM RECORD DRAWING ONLY. ALL OTHER EXISTING TOPOGRAPHIC FEATURES DEPICTED HEREON HAVE BEEN REFERENCED FROM TOPO PROVIDED BY LPA ON 3/10/09."

QL-B OVERHEAD/SUBSURFACE UTILITY ENGINEERING NOTES

(1) A QL-B OVERHEAD/SUBSURFACE UTILITY ENGINEERING INVESTIGATION (SUE) WAS PERFORMED AND COMPLETED BY SO-DEEP, INC. ON 08/18/06 FOR PI*0001757:SR 400 FM I-285 TO MCFARLAND RD/FORSYTH COUNTY - HOV LANES. THE EXISTING OVERHEAD AND UNDERGROUND FACILITIES SHOWN HEREON WERE INCLUDED IN THIS SUE INVESTIGATION. THE PRESENCE OF THESE UTILITY FACILITIES HAS BEEN THOROUGHLY INVESTIGATED AND THE METHOD OF DETERMINING THEIR LOCATION IS INDICATED AS SHOWN IN THE PLANS. UTILITIES THAT HAVE BEEN INSTALLED AFTER THE DATE ABOVE HAVE NOT BEEN INCLUDED IN THIS INVESTIGATION AND SHOULD BE CONSIDERED AS FROM RECORD DRAWING ONLY. ALL OTHER EXISTING TOPOGRAPHIC FEATURES DEPICTED HEREON HAVE BEEN REFERENCED FROM A TOPOGRAPHIC / MAPPING SURVEY AND CONTROL PACKAGE PROVIDED BY KIMLEY-HORN AND ASSOCIATES, INC. AND DATED 03/20/06. SO-DEEP, INC. DOES NOT WARRANT OR CERTIFY THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED BY KIMLEY-HORN AND ASSOCIATES, INC.

- (2) ALL UTILITY INFORMATION HEREON IS DEPICTED TO QUALITY LEVEL "B" (QL-B) UNLESS OTHERWISE NOTED.
- (3) EMPTY CONDUITS, OVERHEAD COMMERCIAL LIGHTING, TRAFFIC CONTROL SENSORS IN PAVING, AND IRRIGATION/SPRINKLER LINES WERE NOT INCLUDED IN THIS SUE PROJECT.
- (4) SIZE AND MATERIAL TYPE INFORMATION SHOWN HEREON IS TAKEN FROM AVAILABLE UTILITY RECORDS.
- (5) THE EQUIPMENT USED FOR DESIGNATING INCLUDED A METROTECH 810 & 850 AND A PIPEHORN. TOPCON SURVEYING INSTRUMENTS WERE USED IN THE DATA COLLECTION.
- (6) ALL UNDERGROUND TELEPHONE IS DIRECT-BURIED UNLESS OTHERWISE NOTED.

GENERAL NOTES:

1. SIZES AND MATERIAL TYPES ARE FROM FIELD VERIFICATION. WHEN NOT ATTAINABLE, THEY ARE NOTED PER RECORD PLANS (QL-D).
2. PRIVATE LIGHT POLES MAY NOT SHOW CONNECTIVITY.
3. ALL EXISTING VAULTS TO BE ABANDONED SHALL HAVE THE BOTTOM OF THE STRUCTURE REMOVED AND ALL PIPES ENTERING SHALL BE PLUGGED. THE TOP PORTION OF THE STRUCTURE SHALL BE REMOVED TO PROVIDE A MINIMUM OF 3 FEET OF COVER FROM BOTTOM OF SUBGRADE OR FINISHED GRADE WHEN NOT LOCATED UNDER THE PAVEMENT. THE STRUCTURE SHALL BE FILLED WITH GRANULAR EMBANKMENT OR SUITABLE BACKFILL MATERIAL THAT MEETS THE REQUIREMENTS OF SECTION 208 FROM THE STANDARD SPECIFICATIONS.

UTILITY SUMMARY:

UTILITY OWNERS FOUND WITHIN THE PROJECT'S LIMITS (LOS) AT THE TIME OF THE SUE INVESTIGATION ARE INDICATED BELOW. THESE UTILITY FACILITIES ARE ALSO SHOWN ON THE PLANS HEREON. CONTACT NAMES BELOW REPRESENT WHO THE RECORD PLANS WERE RECEIVED FROM. THE DATE THESE RECORDS WERE RECEIVED WAS 02/12/08.

(ROF) - RECORDS ON FILE (RNA) - RECORDS NOT AVAILABLE

UTILITY OWNERS		
AGL NETWORKS L.P. JOSH NELSON 404 584 4268	AGL RESOURCES, INC WAYNE JACAS 404 584 4318	AT&T BELLSOUTH DAVID WAGONER 770 493 3722
CITY OF ATLANTA DOUG SMITH 404 982 1446	COMCAST DAN DOBRINSKA 770 559 6884	FIBERLIGHT, LLC DELL MILLER 678 347 9271
FULTON COUNTY DEPARTMENT OF PUBLIC WORKS ABUL HOWLADER 404 612 7537	GEORGIA POWER COMPANY DISTRIBUTION MIKE WATKINS 770 216 1433	GEORGIA POWER COMPANY NETWORK UNDERGROUND CARLOS DE BONET 404 506 4426
LEVEL 3 COMMUNICATION TOM DROLET 678 534 2478	TIME WARNET TELECOM INC JIM PARSONS 678 526 3767	CITY OF SANDY SPRINGS CHRIS WATERS 770 206 2534
VERIZON BUSINESS DENNIS RAINEY 478 471 1042	XO COMMUNICATIONS BARRY LONG 673 431 5358	

LEGEND

<p>ALL VAULTS SHOWN ARE BASED UPON SURFACE INFORMATION OR UTILITY RECORDS. THE SIZE, LOCATION AND ORIENTATION HAS BEEN DEPICTED TO QUALITY LEVEL "D" (QL-D) UNLESS OTHERWISE NOTED.</p> <p>ABBREVIATIONS:</p> <p>(QL-C) EXISTING UTILITY STRUCTURES HAVE BEEN FIELD LOCATED AND SURVEYED TO ASSIST IN DEPICTING THE UTILITIES SHOWN ON RECORDS. NO ELECTRONIC DESIGNATING INFORMATION WAS OBTAINED.</p> <p>(QL-D) DEPICTED ACCORDING TO UTILITY RECORD INFORMATION. NO ELECTRONIC DESIGNATING INFORMATION WAS OBTAINED.</p> <p>(DATFI) DEPICTED ACCORDING TO FIELD INSPECTION</p> <p>(FO) FIBER OPTIC</p> <p>(AATUR) ABANDONED ACCORDING TO UTILITY RECORDS</p> <p>(AATFI) ABANDONED ACCORDING TO FIELD INSPECTION</p> <p>(EATFI) EMPTY ACCORDING TO FIELD INSPECTION</p> <p>(A) UTILITY ATTACHED TO BRIDGE</p> <p>EOI END OF ELECTRONIC DESIGNATING INFORMATION</p> <p>EORI END OF UTILITY RECORD INFORMATION</p> <p>(NAP) NO ASSOCIATED PIPING FOUND FROM UTILITY STRUCTURE</p>	<table border="0"> <tr> <td>(NAC)</td> <td>NO ASSOCIATED CABLES FOUND FROM UTILITY STRUCTURE</td> </tr> <tr> <td>E</td> <td>UTILITY ENDPOINT</td> </tr> <tr> <td>COMM</td> <td>COMMUNICATIONS</td> </tr> <tr> <td>UNK</td> <td>UNKNOWN UTILITY OWNER OR MATERIAL TYPE OF UTILITY</td> </tr> <tr> <td>PLAS.</td> <td>PLASTIC</td> </tr> <tr> <td>STL.</td> <td>STEEL</td> </tr> <tr> <td>AC.</td> <td>ASBESTOS CEMENT</td> </tr> <tr> <td>C.I.</td> <td>CAST IRON</td> </tr> <tr> <td>D.I.</td> <td>DUCTILE IRON</td> </tr> <tr> <td>RCP</td> <td>REINFORCED CONCRETE PIPE</td> </tr> <tr> <td>SB</td> <td>PEDESTRIAN TRAFFIC SIGNAL BUTTON</td> </tr> <tr> <td>E-HV</td> <td>HIGH VOLTAGE ELECTRIC TRANSMISSION LINE</td> </tr> <tr> <td>MET.</td> <td>METALLIC</td> </tr> <tr> <td>F.L.</td> <td>FLOW LINE</td> </tr> <tr> <td>PR</td> <td>PAIR</td> </tr> <tr> <td>PVC</td> <td>POLYVINYL CHLORIDE</td> </tr> <tr> <td>LP</td> <td>LIGHT POLE</td> </tr> <tr> <td>SL</td> <td>STREET LIGHT</td> </tr> <tr> <td>O.D.</td> <td>OUTSIDE DIAMETER</td> </tr> <tr> <td>PV</td> <td>POST INDICATOR VALVE</td> </tr> </table>	(NAC)	NO ASSOCIATED CABLES FOUND FROM UTILITY STRUCTURE	E	UTILITY ENDPOINT	COMM	COMMUNICATIONS	UNK	UNKNOWN UTILITY OWNER OR MATERIAL TYPE OF UTILITY	PLAS.	PLASTIC	STL.	STEEL	AC.	ASBESTOS CEMENT	C.I.	CAST IRON	D.I.	DUCTILE IRON	RCP	REINFORCED CONCRETE PIPE	SB	PEDESTRIAN TRAFFIC SIGNAL BUTTON	E-HV	HIGH VOLTAGE ELECTRIC TRANSMISSION LINE	MET.	METALLIC	F.L.	FLOW LINE	PR	PAIR	PVC	POLYVINYL CHLORIDE	LP	LIGHT POLE	SL	STREET LIGHT	O.D.	OUTSIDE DIAMETER	PV	POST INDICATOR VALVE
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REVISION DATES	

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: INNOVATIVE PROGRAM DELIVERY

**UTILITY PLANS
GENERAL NOTES**