

# C.R. 561 Public Development & Environmental Study Utility Information

Lake County, Florida

prepared for:

Lake County  
437 Ardice Avenue  
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prepared by:



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## **1.1 Utilities**

The C.R. 561 corridor has been reviewed for existing utilities including, overhead and underground power lines, telephone lines, cable TV, underground gas mains and underground water mains. The corridor was also reviewed for miscellaneous above ground utilities including, transformers, telephone boxes, power poles and cable TV boxes.

The preliminary utility coordination and investigation effort was conducted through written and verbal communications with the existing utility owners along the project corridor. A list of utility owners and contact information is shown in **Table 1.1**. Initially, written communication was made to utility owners outlining the study effort and the project limits. Follow-up communication was made via phone calls, or through email. The following facilities were found to be present within the project corridor; Astatula Water Main, SECO Energy, and CenturyLink Telephone. SECO Energy provided to BESH as-built plans that demonstrated where their utility was located along the corridor. Astatula Water Main plans were obtained and used for our description of the water main locations. CenturyLink does not have as-builts for their buried lines, but does agree to flag the utility for field location. BESH staff has noted the general location of the flags, and included the information within this report, but no field survey data of the flags was gathered. Comcast Cable responded back via email that they do not have any lines north of CR 455, however did provide a plan sheet showing their lines to the south of CR 455. Brighthouse Networks, Progress Energy, Lake Apopka Natural Gas, and Teco Peoples Gas all responded back via email or letter, that they do not have utilities within the project corridor.

Currently, no utility coordination meeting has been held to discuss existing facilities or potential impacts due to the proposed project. It is recommended that such meetings be scheduled, and that utility owners are provided with a preliminary concept plan, existing typical sections, and proposed typical sections prior to construction.

## **1.2 Disposition of Existing Facilities**

An approximate description of the existing utility locations within or adjacent to the project corridor is provided in **Table 1.2**. These descriptions are based on the information and responses provided by utility owners, field reconnaissance, and review of existing plans. BESH has all of the plans and as-builts received by the Utility Owners, within the project file at their office. Actual field location of the existing utilities (by a utility location service) has not been performed, and no field survey data has been gathered regarding the location of the existing utilities. It is recommended that such services be performed, and data gathered prior to design of any C.R. 561 improvements.

**Table 1.1: Utility Owners**

<b>Utility</b>	<b>Contact Name</b>	<b>Address</b>	<b>Phone Number</b>
CenturyLink (South of White Cypress Road)	Wade Rich	33 N. Main Street Winter Garden, FL 34787	407-814-5383
CenturyLink (North of White Cypress Road)	Greg Schmid	319 S.E. Broadway Street Ocala, FL 34471	352-401-6555
Comcast Cable	William Graham	8130 C.R. 44 Leg A Leesburg, FL 34748	352-315-6625
Bright House Networks	Al Staley	602 East Highway 50, Suite A Clermont, FL 34711	352-330-2906
TECO/Peoples Gas	Martin Kahler	1724 Kurt Street Eustis, FL 32726	352-516-6000
Town of Astatula	Ken Stewart c/o Town of Astatula	25019 C.R. 561 Astatula, FL 34705	352-742-1100 OR 352-742-0781
Lake Apopka Natural Gas	Alex Wosgien	1320 Winter Garden – Vineland Road Winter Garden, FL 34787	407-656-2734
Progress Energy	Sue Freyser	401 Citrus Tower Blvd. Clermont, FL 34711	407-646-8364
SECO	David Nelson	330 S. U.S. Hwy 301 Sumterville, FL 33585	352-793-3801 Ext. 1338

**Table 1.2: Existing Utilities within CR 561 Study Corridor**

Type of Utility	Utility Owner	Type Facility	Limits	Offset/Side	Property Status
Gas	TECO/ Peoples Gas	No Facilities	N/A	N/A	N/A
	Lake Apopka Natural Gas	No Facilities	N/A	N/A	N/A
Cable TV	Comcast Cable	Underground Fiber Optic Cable in 3” Conduit	SE Corner of Intersection C.R. 455, C.R. 561 East side, Running South	36” Below Grade, 10’ to 12’ off EOP	County Right-of- Way
	Comcast Cable	Overhead Fiber Optic Cable	East of C.R. 561 on South Side of C.R. 455	8’ to 10’ off EOP	County Right-of- Way
	Comcast Cable	No Facilities North of C.R. 455	N/A	N/A	N/A
	Bighthouse Networks	No Facilities	N/A	N/A	N/A
Water	Town of Astatula	8" Water Line	Florida Ave. to Maryland Ave.	Varies from 5’ to 18’ off E.O.P. West	County Right-of- Way
		8" Water Line Crossing	From West to East across C.R. 561 on N. Side of West Kansas Ave. to N. Side of East Kansas Ave.	+/- 25’ North of E.O.P. +/-	County Right-of- Way

**Table 1.2: Existing Utilities within Sunset Avenue Study Corridor (Continued)**

Type of Utility	Utility Owner	Type Facility	Limits	Offset/Side	Property Status
Water	Town of Astatula	8" Water Line Crossing	South of Tennessee Ave.	+/- 33' South of E.O.P of Tenn. Ave., From West to East Across C.R. 561, then bending North to be 7' off S. E.O.P. of Tenn. Ave.	County Right-of-Way
Electric	SECO	Overhead Lines w/Buried Transformers	Country Club Dr. South to Palm Dr.	East – Varies from 4' - >10'	County Right-of-Way
		Overhead Lines w/Buried Transformers	Palm Dr. South to Woodland Dr.	East & West – Varies from 4' - >10'	County Right-of-Way
		Overhead Lines w/Buried Transformers	Woodland Dr. South to Vermont Ave.	East – Varies from 4' - >10'	County Right-of-Way
		Overhead Lines w/Buried Transformers	Vermont Ave. South to Midway Ave.	West – Varies from 4' - >10'	County Right-of-Way
		Overhead Lines w/Buried Transformers	Midway Ave. South to Maryland Ave.	East & West – Varies from 4' - >18'	West Side within County Right-of-Way East Side (Midway to Tenn. Ave.) outside of R-O-W.

**Table 1.2: Existing Utilities within Sunset Avenue Study Corridor (Continued)**

Type of Utility	Utility Owner	Type Facility	Limits	Offset/Side	Property Status
Electric	SECO	Overhead Lines w/Buried Transformers	Maryland Ave. South to Double Run Rd.	East – Varies from 4’ – 10’	County Right-of-Way
		Overhead Lines w/Buried Transformers	Double Run Rd. South to C.R. 455	West – Varies from 4’ – 10’	County Right-of-Way
		Overhead Transmission Line	North of Maryland Ave. to South of Double Run Rd.	West – Varies from 4’ – 18’	County Right-of-Way
		Overhead Transmission Line	South of Double Run Rd. to C.R. 455	East – Varies from 4’ – 18’	County Right-of-Way
		Overhead Lines w/Buried Transformers	Int. C.R. 561 and C.R. 48, South Side of C.R. 48, Crosses C.R. 561, West to East	West – Varies 4’ – 8’, East +40’, other side of Railroad Tracks	County Right-of-Way
		Underground Transformer	NE of Virginia Ave., East Side of C.R. 561	+16’ off E.O.P.	County Right-of-Way
		Substation	South of Tenn. Ave. and North of Maryland Ave.	East Side of C.R. 561	Outside of Right-of-Way
		Overhead Lines w/Buried Transformers	Intersection C.R. 561 and C.R. 455	South Side C.R. 455 West to East, then turns North to run along West Side of C.R. 561, 4’ – 8’ off E.O.P.	County Right-of-Way

**Table 1.2: Existing Utilities within Sunset Avenue Study Corridor (Continued)**

Type of Utility	Utility Owner	Type Facility	Limits	Offset/Side	Property Status
Electric	SECO	Transmission Line Overhead	Intersection C.R. 561 and C.R. 455	North Side of C.R. 455 West to East, then turns North to run along East Side of C.R. 561, 4-18'	County Right-of-Way
Electric	Progress Energy	No Facilities	N/A	N/A	N/A
Telecom	CenturyLink	Buried Telephone Line	Country Club Drive South to Westbrook Road	2 Lines – West - Vary from < 1 to 6'	County Right-of-Way
		Buried Telephone Line	Westbrook Road South to Palm Drive	3 Lines – West - Vary from < 1 to 15'	County Right-of-Way
		Buried Telephone Line	Palm Drive South to Virginia Ave.	2 Lines – West - Vary from 3 to 11'	County Right-of-Way
		Buried Telephone Line	Virginia Ave. South to Georgia Ave.	3 Lines – West - Vary from 1 to 14'	County Right-of-Way
		Buried Telephone Line	Georgia Ave. South to C.R. 48	2 Lines – West – Vary from 3 to 13'	County Right-of-Way & Outside of R-O-W
		Buried Telephone Line	C.R. 48 South to Massachusetts Ave.	5 Lines – West - Vary from 0 to 10'	County Right-of-Way
		Buried Telephone Line	Massachusetts Ave. South to Tennessee Ave.	4 Lines – West - Vary from 1 to 9'	County Right-of-Way

**Table 1.2: Existing Utilities within Sunset Avenue Study Corridor (Continued)**

Type of Utility	Utility Owner	Type Facility	Limits	Offset/Side	Property Status
Telecom	CenturyLink	Buried Telephone Line	Tennessee Ave. South to Maryland Ave.	5 Lines – West-Vary from 2’ to 20’	County Right-of-Way
		Buried Telephone Line	Maryland Ave. South to Bates Lane	4 Lines – West – Vary from 3 to 20’	County Right-of-Way
		Buried Telephone Line	Bates Lane South to Corkwood Lane	1 – 4 Lines – West-Vary from 3 to 15’	County Right-of-Way
		Buried Telephone Line	Corkwood Lane South to Double Run Road	1 Line – West - +/- 12’	County Right-of-Way
		Buried Telephone Line	Double Run Road South to White Cypress Road	1 - 2 Lines – West - Vary from 3 to 9’	County Right-of-Way
		Buried Telephone Line	White Cypress Road South to C.R. 455	1 Line – West - Vary from 5 to 11’	County Right-of-Way
		Buried Telephone Line	Country Club Drive South to Virginia Ave.	2 Line – East - Vary from 4 to 16’	County Right-of-Way
		Buried Telephone Line	White Cypress Road South to C.R. 455	2 Line – East - Vary from 4 to 16’	County Right-of-Way
		Buried Telephone Line	Westbrock Rd. West to East to East Side of C.R. 561	Number of Lines Unknown	County Right-of-Way
		Buried Telephone Line	C.R. 561 and C.R. 48, North Side of C.R. 48	2 – 5 Lines Running on North Side of C.R. 48	County Right-of-Way

**Table 1.2: Existing Utilities within Sunset Avenue Study Corridor (Continued)**

Type of Utility	Utility Owner	Type Facility	Limits	Offset/Side	Property Status
Telecom	CenturyLink	Buried Telephone Line	C.R. 561 and C.R. 455	2 Lines – East side C.R. 561 Through Intersection. 1 Line – runs North Side C.R. 455 East to West Across C.R. 561	County Right-of-Way

### **1.3 Utility Impacts**

These facilities could be affected depending upon the proposed alternative chosen. Most of these facilities are currently along the roadside. These facilities can stay within the right-of-way, but may require some vertical or horizontal adjustment to allow for the installation of pavement.

Town of Astatula – has existing water lines along C.R. 561. Depending on the typical section approved, some of these lines may need to be relocated outside of the proposed pavement area. Fire Hydrants located within the Right-of-Way at various intersections along the corridor, may need to be relocated.

SECO – has existing power lines along the project corridor. Some of the power poles and transformers will need to be relocated to meet clear zone requirements for the proposed roadway.

CenturyLink – has existing phone lines along the project corridor. Some of these lines will need to be relocated to be outside of the proposed pavement area.

BES&H has received as-built data from SECO, Comcast and the Town of Astatula. CenturyLink did not provide as-built data, but did flag their lines in the field for verification. TECO, Lake Apopka Natural Gas, Brighthouse Networks and Progress Energy do not have any facilities within the project corridor. It is recommended that meetings are scheduled with all of the existing utility providers during preparation of the construction documents.

## **2.0 Utility Relocation Cost Estimate**

As stated in Section 1.0 of this report, there are numerous utility owners within and adjacent to the project corridor. Depending on each of the facility's location and depth, implementation of the proposed improvements for the roadway may require the relocation or adjustment of some of the utility facilities. A preliminary list of those facilities and their location relevant to the existing roadway has been provided in Table 1.2. The following section and Table 2.1 shows which one of these existing utilities may or may not need to be relocated, depending on the final roadway alignment and typical section that is chosen.

Based on the concept plans for the proposed alignment and roadway sections, the following utilities are most likely to be affected by any of the proposed improvements or alternatives for this project.

Refer to Table 2.1 for those locations of the above mentioned utilities and their reference to the existing Right-of-Way, lengths of relocation and anticipated cost for relocation.

**Table 2.1: Estimate Utility Relocations and Costs**

Type of Utility	Utility Owner	Type Facility	Limits	Relocation Length	Cost to Relocate
Electric	SECO	Overhead Lines w/Buried Transformers	Country Club Dr. South to Palm Dr.	2,300 feet	\$0.00, located within existing County Right of Way
		Overhead Lines w/Buried Transformers	Palm Dr. South to Woodland Dr.	700 feet	\$0.00, located within existing County Right of Way
		Overhead Lines w/Buried Transformers	Woodland Dr. South to Vermont Ave.	3,000 feet	\$0.00, located within existing County Right of Way
		Overhead Lines w/Buried Transformers	Midway Ave. South to Maryland Ave. East Side of Road	3,650 feet Total. 2,950 feet Outside of existing Right of Way	\$
		Overhead Lines w/Buried Transformers	Midway Ave. South to Maryland Ave. West Side of Road	3,350 feet in conflict with proposed Sidewalk.	\$0.00, located within existing County Right of Way

**Table 2.1: Estimate Utility Relocations and Costs**

Type of Utility	Utility Owner	Type Facility	Limits	Relocation Length	Cost to Relocate
Electric	SECO	Overhead Lines w/Buried Transformers	Double Run Rd. South to C.R. 455 West Side	760 feet, Intersection of C.R. 561 and C.R. 455	\$0.00, located within existing County Right of Way
		Overhead Lines w/Buried Transformers	South Double Run Rd. to C.R. 455 East Side	760 feet, Intersection of C.R. 561 and C.R. 455	\$0.00, located within existing County Right of Way
		Overhead Lines w/Buried Transformers	Intersection C.R. 561 and C.R. 455 South Side of C.R. 455	750 feet	\$0.00, located within existing County Right of Way
Telecom	CenturyLink	Buried Telephone Line	Country Club Dr. South to Westbrook Rd.	1,000 feet	\$0.00 located within existing County Right of Way
		Buried Telephone Line	White Cypress Rd. South to C.R. 455	1,700 feet	\$0.00 located within existing County Right of Way
		Buried Telephone Line	Westbrock Rd. West to East to East Side of C.R. 561	100 feet	\$0.00

**Table 2.1: Estimate Utility Relocations and Costs**

Type of Utility	Utility Owner	Type Facility	Limits	Relocation Length	Cost to Relocate
Telecom	CenturyLink	Buried Telephone Line	C.R. 561 and C.R. 455	1,600 feet	\$0.00, located within existing County Right of Way

**\*Note: These lines have not been verified via underground locates or survey data. All locations are approximate and subject to field and survey verification. All utilities that are currently located within County Right of Way and will remain within County Right of Way, get relocated by the Utility Company at no cost to the Owner.**