

Final Utility Assessment Package

Florida Department of Transportation - District VII

County Line Road (C.R. 578) Project Development and Environment Study From U.S. 19 (S.R. 55) to U.S. 41 (S.R. 45)

*Work Program Item Segment Number: 257298 1
Federal-Aid Program Number: 7822 001 S
Pasco and Hernando Counties, Florida*

The proposed project involves improving County Line Road (C.R. 578) to a multi-lane facility from U.S. 19 (S.R. 55) to east of U.S. 41 (S.R. 45) in Pasco and Hernando Counties, a distance of approximately 12.0 miles (19.3 kilometers). The project includes a segment of roadway along a new alignment. This segment is referred to as the Ayers Road Extension and extends from the interchange of C.R. 578 and the Suncoast Parkway to east of U.S. 41, a distance of approximately 3.5 miles (5.6 kilometers).



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for URS Corporation Southern***

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Section 1.0 INTRODUCTION

The Florida Department of Transportation (FDOT), in partnership with Pasco and Hernando Counties conducted a Project Development and Environment (PD&E) Study to evaluate capacity improvement alternatives for County Line Road (C.R. 578) in Pasco and Hernando Counties, as shown in Figure 1-1. The recommended project involves improving C.R. 578 from a primarily two-lane roadway to a multi-lane facility from the vicinity of U.S. 19 (S.R. 55) to the vicinity of U.S. 41 (S.R. 45), a distance of approximately 12.0 miles (mi) [19.3 kilometers (km)]. A segment of roadway on new alignment, referred to as the Ayers Road Extension, is being proposed from the C.R. 578/Suncoast Parkway interchange to the vicinity of U.S. 41 and Ayers Road (C.R. 576), a distance of approximately 3.5 mi (5.6 km). The Ayers Road Extension provides for a continuous travel route between U.S. 19 and C.R. 581 and also would improve access to the Hernando County Airport with a new connection to the airport.

FIGURE 1-1
PROJECT LOCATION MAP



1.1 PURPOSE

The objective of the PD&E Study is to provide documented environmental and engineering analyses that will assist the FDOT and the Federal Highway Administration (FHWA) in reaching a decision on the location and conceptual design for improvements to C.R. 578. This study will also comply with the requirements of the National Environmental Policy Act (NEPA) and other federal laws to qualify the proposed project for Federal-aid funding.

The Utility Assessment Package contains information regarding major facilities, buildings, and other obstructions or encroachments of utility agencies within the right-of-way (ROW), or adjacent thereto, which could affect the construction of the proposed project.

1.2 PROJECT DESCRIPTION

The C.R. 578 corridor is an east/west facility with a functional classification of a major collector. The project is located within Sections 1 through 6 of Township 24 South, Range 17 East and Sections 1 through 6 of Township 24 South, Range 18 East in Pasco County, and Sections 31 through 36 of Township 23 South, Range 17 East; Sections 25, 26, 31 through 36 of Township 23 South, Range 18 East; and Section 30 of Township 23 South, Range 19 East in Hernando County.

C.R. 578 is currently a two-lane rural roadway from U.S. 19 to Callaway Avenue and from Hallow Avenue to U.S. 41. From the vicinity of Callaway Avenue to Hallow Avenue, C.R. 578 has been expanded to a four-lane divided suburban facility with an open drainage system. In addition, for 0.8 km (0.5 mi) west and east of the interchange at the Suncoast Parkway, C.R. 578 is currently under construction to be expanded to a four-lane divided facility. The existing posted speed limit along C.R. 578 ranges from 60 to 90 kilometers per hour (km/h) [40 to 55 miles per hour (mph)]. The existing ROW width ranges from 15.24 meters (m) [50 feet (ft)] to 51.82 m (170 ft) except at the Suncoast Parkway interchange where the ROW width is 77.42 m (254 ft).

Primary land uses along C.R. 578 include numerous residential subdivisions, individual residences, commercial development, the Spring Hill Regional Hospital, the Suncoast Elementary School, the Hernando County Airport, and numerous religious facilities.

1.3 PROPOSED IMPROVEMENTS

The recommended project involves improving C.R. 578 to a four-lane suburban facility from the vicinity of U.S. 19 to the vicinity of U.S. 41, a distance of approximately 12.0 mi (19.3 km). A segment of roadway on new alignment, referred to as the Ayers Road Extension, is also recommended from the C.R. 578/Suncoast Parkway interchange north then east to the vicinity of U.S. 41 and Ayers Road (C.R. 576). The recommended route extends northward through mostly undeveloped pasture then east for a distance of approximately 3.5 mi (5.6 km) terminating at the U.S. 41/Ayers Road intersection north of Masaryktown. Based on the design speed, level of service, and access requirements, the improved facility will be functionally classified as an arterial roadway.

The portion of the project from East Road to the Suncoast Parkway is included in the Pasco County Metropolitan Planning Organization's (MPO's) *2025 Long Range Transportation Plan (LRTP)* as a four-lane divided facility. The portion of the project from U.S. 19 to the Suncoast Parkway is included in the Hernando County MPO's *2025 LRTP* and is recommended to be improved to a four-lane divided facility.

The recommended new roadway alignment (S-5), the Ayers Road Extension, from the C.R. 578/Suncoast Parkway interchange to the vicinity of the U.S. 41/Ayers Road intersection, is also identified in the Hernando County 2025 LRTP as a four-lane facility.

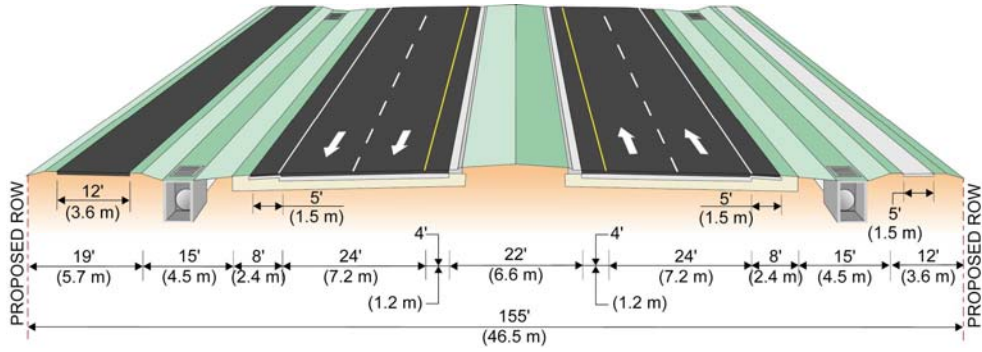
For the Ayers Road Extension, it was determined that because of the potentially adverse effects Alignment S-5 had on the Alexsuk Site (Site – 8HE426), further coordination with FHWA and SHPO was needed. Consequently, a new alignment, S-8, was developed. This alternative was developed in an effort to minimize or eliminate effects to the Alexsuk Site. Both alignments were presented at the Public Hearing. Alignment S-5 was the preferred alternative. The Ayers Road Extension will provide a continuous east-west travel route from U.S. 19 to west of I-75 and facilitate new access to the Hernando County Airport in accordance with the *Hernando County Airport Master Plan*. Both alignments are shown in Figure 1-2.

**FIGURE 1-2
AYERS ROAD EXTENSION ALIGNMENTS**



The typical section recommended in this study and approved by Pasco and Hernando Counties, is a four-lane divided suburban facility with a 30 ft (9.0 m) median of which 22 ft (6.6 m) is raised, two 12 ft (3.6 m) travel lanes in each direction, 8 ft (2.4 m) outside shoulders with 5 ft (1.5 m) of the shoulder paved, and 15 ft (4.5 m) drainage swales. A 12 ft (3.6 m) multi-use facility on the north side of the roadway and a 5 ft (1.5 m) sidewalk on the south side of the roadway are recommended. The recommended design speed for this typical section is 55 mph (90 km/h). See Figure 1-3.

**FIGURE 1-3
SUBURBAN TYPICAL SECTION**



Section 2.0

UTILITY NOTIFICATION

As part of the C.R. 578 PD&E Study, all utility companies, municipalities, and government agencies were contacted and requested to provide information regarding their facilities within the project area. This information is organized in accordance with the FDOT PD&E Guidelines, Part 2, Chapter 10.

Each potentially involved utility agency was provided two sets of conceptual plans (aerials) on which to illustrate existing and proposed facilities. One set was to be returned to the Department for use in preparing the Utility Assessment Package. Order-of-magnitude relocation cost estimates were also obtained from those utility companies.

The utility companies notified, including address and contact person, are listed in Table 2-1. A copy of the letter and project location map provided to the various agencies is included in Appendix A.

The following utility companies responded that they have existing or proposed facilities within the project limits:

	<u>Marked Plans</u>
• Florida Power Corporation	Yes
• Hernando County Utilities Department (Water and Sewer)	Yes
• Bell South	Yes
• Pasco County Utilities Department (Water, Sewer, and Reuse)	Yes
• Teco/Peoples Gas	Yes
• Verizon (GTE) - Clearwater Office	Yes
• Williams Communication	Yes
• Level 3 Communications	No
• Florida Water Services	No
• Withlacoochee River Electric	No
• Time Warner	Yes
• Florida Gas Transmission	No

The following utility companies responded that they do not have existing or proposed facilities within the project area:

- AT&T Communications
- Intermedia Communications
- MCI WorldCom
- E-Spire
- Sprint

The following utility companies have not responded to date.

- Verizon (GTE) – Tampa Office

**TABLE 2-1
NOTIFIED UTILITY COMPANIES**

Utility Owner Address	
Bell-South Telecommunications Mr. Robert Possehl 19386 Ft. Dade Avenue Brookville, Florida 34601	Teco/Peoples Gas Ms. Barbara Bowen 1400 Channelside Dr. Tampa, Florida 33605
Time Warner Mr. Mike Krasney 1181 W. Gulf to Lake Hwy. Lecanto, Florida 34461	Withlacoochee River Electric Mr. Brent Postma 14651 21st St. Dade City, Florida 33526
Florida Power Corporation Ms. Rosemary Greenbaum 2600 Lake Lucien Dr. Suite 400 Maitland, Florida 32751	Hernando County Utilities Mr. Mark Morgan 202 E. Jefferson St. Brooksville, Florida 34601
Pasco County Utilities Mr. Bruce Kennedy 7530 Little Rd. New Port Richey, Florida 34654	AT&T Mr. Bill Mercer 2261 Massaro Blvd. Tampa, Florida 33619
Espire/ASCI Mr. Ray Madera 400 North Tampa Street Tampa, Florida 33602	Verizon Florida, Inc. Mr. David Lance 10402 N. 56 th Street Temple Terrace, Florida 33617
Intermedia Communications Ms. Sandy Pechin 3625 Queen Palm Drive, Sabal VII Tampa, Florida 33619	Verizon Florida, Inc. Mr. Jerry Yagmin 1280 East Cleveland – MC:FLCW5034 Clearwater, Florida 33765
Level 3 Communications Mr. Robert Antle 7200 Lake Eleanor Drive, Suite 120 Orlando Florida 32809	Florida Gas Transmission Mr. Steve Keith 601 South Lake Destiny Drive, Suite 450 Maitland, Florida 32751
Florida Water Services Mr. Ricky Leach 7429 Spring Hill Drive Spring Hill, Florida 34608	Sprint Fiber Operations Mr. Tom Bridges 414 Summerhill Drive Valrico, Florida 33594
Williams Communication Mr. Frank Wilkes One Technology Center, Mail Drop TC-11A P.O. Box 22064 Tulsa, Oklahoma 74121-2064	MCI Worldcom Mr. Robert Burch 101 E. Kennedy Blvd., #1150 Tampa, Florida 33602

Section 3.0

UTILITY LOCATIONS

Of the utility companies that reported having facilities within the study area, the following utilities should be given particular consideration during the design phase.

Florida Power Corporation - has substantial overhead power distribution facilities [(230 and 500 kilovolt (kV)] located within a 150 ft (45.72 m) wide easement that crosses C.R. 578. The easement centerline is located approximately 380 ft (115.82 m) east of Shady Hills Road/Mariner Boulevard. A second aerial crossing, consisting of 115 kV transmission lines, is located approximately 200 ft (60.69 m) west of Jackson Street. Florida Power Corporation determined, based on the conceptual plans provided, that none of the existing aerial lines or poles would require relocation or modification as a result of the proposed improvements. Florida Power did provide unit relocation cost estimates of \$25,000 for concrete poles and \$40,000 for steel poles.

Hernando County Utilities Department (Water and Sewer) - owns and operates both potable water and sanitary sewer facilities, all of which are located in the northeast quadrant of the C.R.578/Suncoast Parkway Interchange. A sanitary sewer pumping station is located north of the northern ROW line of C.R. 578 approximately 300 ft (91.44 m) east of the Suncoast Parkway centerline. The pumping station receives flow from a single 8 inch (in) [200 millimeter (mm)] diameter PVC gravity sewer located within the C.R. 578 ROW north of the existing roadway. The existing gravity sewer extends from the pumping station westward to the Suncoast Parkway ROW where it turns north and continues to the toll facility. The pumping station discharges through a 6 in (150 mm) diameter PVC forcemain located north of the northern C.R.578 ROW line, which extends from the pumping station westward to the Suncoast Parkway ROW, thence northward leaving the project limits. A 12 in (300 mm) diameter potable watermain runs parallel to the 6 in (150 mm) sanitary sewer forcemain. No apparent conflicts with the recommended improvements were noted.

Bell-South Communications - owns and operates a series of underground and overhead cables located within the C.R. 578 ROW. Between U.S. 19 and a point located approximately 380 ft (115.82 m) east of Sparks Road, the Bell-South facilities are located within the ROW north of the existing roadway. The underground cables are not continuous throughout this segment of the project and vary in size and location. Bell-South facilities are located on both sides of the existing roadway beginning at a point 380 ft (115.82 m) east of Sparks Road and extending east to a point approximately 500 ft (152.40 m) west of the Suncoast Parkway centerline. At this point the cables on the north side of the roadway terminate, and a bank of cables crosses beneath C.R. 578 and continues east along the south ROW to a point approximately 1,500 ft (457.20 m) east of the Suncoast Parkway where the underground cables again cross beneath C.R. 578 to the north side. Underground cables located adjacent to the north ROW line resume at a point approximately 270 ft (82.30 m) east of the Suncoast Parkway and extend to a point located roughly 220 ft (67.06 m) east of Quarter Horse Lane.

Within the vicinity of Ayers Road and U.S. 41, Bell-South Communications has underground cables located on both sides of U.S. 41. The underground cables continue east along the south side of Ayers Road from U.S. 41 to the end of the study limits.

Bell-South Communications provided an estimate of \$ 800,000 to relocate its facilities.

Pasco County Utilities Department (Water and Sewer) – owns and operates a 12 in (300 mm) water main located within both the U.S. 19 and C.R. 578 ROW. Within the U.S. 19 ROW the water main is located along the east side of the roadway south of C.R. 578. Along the south side of C.R. 578, the water main exists from U.S. 19 to 300 ft (91.44 m) east of Shady Hills Road. Pasco County plans to extend this facility to U.S. 41 in the future.

In addition, Pasco County is planning the installation of an 8 in (200 mm) sanitary sewer forcemain to be installed along the south side of C.R. 578 from U.S. 19 to U.S. 41. Currently, existing sanitary sewer facilities are limited to a 6 in (150 mm) force main located on the west side of U.S. 19 south of C.R. 578. The force main crosses beneath U.S. 19 at a point 45 ft (13.72 m) south of C.R. 578, turns north and continues along the east side of the U.S. 19. From U.S. 19 to approximately 500 ft (167.64 m) east, the existing force main along C.R. 578 is located on the south side of the roadway.

Pasco County anticipates relocating approximately 30,300 ft (9,235.44 m) of a 12 in (300 mm) water main at a cost of \$727,000. The unit relocation cost for a 12 in (300 mm) water main is \$78.74/m (\$24.00/ft). Pasco County also anticipates relocating approximately 1,000 ft (304.8 m) of sanitary sewer force main at a cost of \$14,000. The unit relocation cost for the force main is \$14.00/ft (\$45.93/m). The total estimated relocation cost for both water and wastewater facilities is \$741,000.

Teco/Peoples Gas – owns and operates a 6 in (150 mm) natural gas main located on the north side of C.R. 578 from Medical Boulevard east to approximately 1,870 ft (569.98 m) west of Preston Hollow Drive. The existing 6 in (150 mm) gas main location varies from 24 ft (7.32 m) to 33 ft (10.06 m) north of the existing roadway centerline. Teco/Peoples Gas proposes to extend this facility from its current termination, east to Linden Drive. The proposed gas main location varies from 25 ft (7.62 m) to 33 ft (10.06 m) north of the existing roadway centerline. Teco/Peoples Gas has also prepared plans for the construction a 6 in (150 mm) gas main along the south side of C.R. 587 from Mariner Boulevard to 650 ft (198.12 m) west of Jackson Street. The proposed gas main location varies from 18.4 ft (5.61 m) to 23.9 ft (7.28 m) south of the existing edge of pavement. The proposed gas main extension includes two 2 in (50 mm) service connections crossing C.R. 578 from south to north.

Teco/Peoples Gas expects to relocate 10,700 ft (3,261.36 m) of 6 in (150 mm) steel gas line at a unit cost of \$25.00/ft (\$82.02/m) and 6,375 ft (1,943.10 m) of 4 in (100 mm) steel gas line at a unit cost of \$18.00/ft (\$59.06/m). The total estimated relocation cost is \$382,250.

GTE/Verizon - owns and operates a series of underground cables located within the study area. Facilities located within the western half of the project limits (between U.S. 19 and the Suncoast Parkway) are the responsibility of Verizon's Clearwater office. Facilities located within the

eastern half of the project limits (between the Suncoast Parkway and U.S. 41) are the responsibility of Verizon's Tampa's office. To date no response has been received from Verizon's Tampa office.

The Clearwater office reported buried cables on both the east and west sides of U.S. 19 extending from C.R. 578 south a distance of approximately 700 ft (213.36 m) where the cables cross U.S. 19 to the west side of the roadway and continue south. Buried cables were also identified within the C.R. 578 ROW between U.S. 19 and Old Shady Hills Road. In addition, Verizon reports owning fiber optic cables located between Parade Road and Kelly Road. Buried cables also extend from Drayton Street west for a distance of approximately 820 ft (249.94 m). All of the existing cables are shown along the south ROW line.

GTE/Verizon indicated that 11 mi (17.70 km) of cable would be potentially impacted based upon review of the conceptual plans. GTE/Verizon estimates the unit relocation cost to be \$2,208,066/mi (\$1,372,244.41/km). The total relocation cost is estimated to be \$24,288,726.

Williams Communications - owns and operates underground fiber optic cables parallel to U.S. 41 on the east side and are outside of the existing ROW. The fiber optic cable crosses the Ayers Road ROW. Williams Communications reports that its facilities are not in conflict with the recommended roadway improvements,

Level (3) Communication - owns and operates underground cables on the west side of U.S. 19 for the length of the project. The cables are located 20 ft (6.09 m) to 29 ft (8.84 m) inside of the ROW.

Level (3) Communication estimated that 30,000 ft (9,144 m) of cable would need to be relocated at a total cost of \$200,000 as a result of the roadway improvements.

Florida Water Services - owns and operates potable water and wastewater transmission facilities within both the U.S. 19 and C.R. 578 ROW. A 10 in (250 mm) sanitary sewer force main is located on the north side C.R. 578 between U.S. 19 and Mariner Boulevard. The force main crosses beneath U.S. 19, north of C.R. 578 then heads north along the west side on U.S. 19.

A 6 in (150 mm) potable water main is located along the east side of U.S. 19, north of C.R. 578. The water main turns east into the C.R. 578 ROW where it runs along the north side of the roadway to Callaway Avenue. At this point the force main increases to 8 in (200 mm). The 8 in (200 mm) water main parallels the north side of C.R. 578 from Callaway Avenue to Balboa Avenue where it increases to 10 in (250 mm) before continuing to Cobblestone Drive. From Cobblestone Drive to Oak Leaf Drive the water main is 6 in (150 mm) and is located on the north side of the roadway. Another water main begins at Mariner Boulevard as an 8 in (200 mm) pipeline and heads east along the north side of the roadway for a distance of approximately 425 ft (129.54 m) where it increases to 10 in (250 mm). The 10 in (250 mm) water main continues east along the north side of the roadway to Preston Hollow Drive where it turns north and exits the C.R. 578 ROW.

Florida Water Services estimates the relocation of 11 mi (17.70 km) of water and wastewater lines, at a cost of \$8.2 million, will be necessary as a result of the roadway improvements.

Withlacoochee River Electric - owns and operates overhead power facilities within both the U.S. 19 and C.R. 578 ROW. Within the U.S. 19 ROW, overhead power lines are reported on both sides of the roadway. From U.S. 19 to Balboa Avenue overhead power lines can be found on the north side of C.R. 578. From Balboa Avenue to 0.97 mi (1.55 km) east of Mariner Boulevard overhead power lines are located on both sides of the roadway. The power lines continue from this point another 0.27 mi (0.43 km) along the south side of the roadway.

Withlacoochee River Electric uses a unit cost of \$125,000/mi (\$77,671.40/km) for determining the cost of relocations. They did not provide a total relocation cost.

Time Warner - owns and operates overhead cable television facilities along the north side of C.R. 578 from east of U.S. 19 to Oak Leaf Drive, with the exception of a one block segment between Hamlet Circle and Dartmouth Avenue where the cables are buried. Buried cables are located on the south side of C.R. 578 from east of U.S. 19 to Parade Road. Between Runyon Drive and Drayton Street is a 1000 ft (304.8 m) section of overhead cable located on the south side of the roadway. Overhead cables are also located on the north side of C.R. 578 from Anderson Road to U.S. 41. Within this segment the Time Warner facilities pass beneath the Suncoast Parkway. From C.R. 578 the cables head north along the east side of U.S. 41.

Time Warner also has facilities located within the community of Masaryktown. These facilities consist of overhead cables located along the south side of Stur Street between U.S. 41 and Kosta Street. Along Kosta Street the cables are located underground on the east side of the roadway between Stur Street and Psenka Street. The cables turn west and run along the north side of Psenka Street for a distance to approximately 1,200 ft (365.76 m) before going overhead and continuing west to Korbus Road where they turn north. From Psenka Street to Boynton Road the overhead cables are located on the east side of Korbus Road. The cables are located on the north side of Boynton Road between Korbus Road and Kostka Street.

Time Warner provided a total relocation cost estimate of \$115,430.

Florida Gas Transmission - owns and operates facilities within the project limits yet has not provided information regarding their size, type, or location. Florida Gas Transmission reports that its facilities are not in conflict with the proposed roadway improvements,

The utility information provided to date is summarized in Tables 3-1 and 3-2 and is included in the Preliminary Engineering Report. Any additional information received from the various utilities, agencies, and municipalities will be reviewed for inclusion into this package.

**TABLE 3-1
UTILITY RELOCATION COSTS**

Utility	Costs
Florida Power Corporation	\$ 0
Hernando County Utilities Department	0
Bell-South Communications	800,000
Pasco County Utilities Department	741,000
TECO/Peoples Gas	382,250
Verizon Communications	24,288,726
Williams Communications	0
Level (3) Communications	200,000
Florida Water Services	8,200,000
Withlacoochee River Electric	0
Time Warner	115,430
Florida Gas Transmission	0
Total	\$34,727,406

**TABLE 3-2
SUMMARY OF EXISTING UTILITIES**

Owner	Utility Description	Aerial(A) Buried (B)	Side	Approximate Location
Florida Power Corporation	Electric Power Distribution	A A	Crossing Crossing	C.R. 578 - 380 ft east of Shady Hills Road/Mariner Blvd. C.R. 578 – 200 ft west of Jackson Street
Hernando County Utilities Department (Water and Sewer)	Sanitary Sewer Pumping Station Sanitary Sewer – 8” Gravity Line Sanitary Sewer – 6” Force Main Potable Water – 12” Water Main	B B B B	North North North North	C.R. 578 – 300 ft east of Suncoast Parkway C.R. 578 – From Pumping Station westward 300 ft C.R. 578 – From Pumping Station westward 300 ft C.R. 578 – From Pumping Station westward 300 ft
Bell-South Communications	Communication	B B B B B B A B B B B B B	North North North North North North North South North North West East South	C.R. 578 – From U.S. 19 to Arcadia Avenue C.R. 578 – From Cabot Avenue west for 100 ft C.R. 578 – From Clearwater Drive to Fargo Court C.R. 578 – From Truce Circle to Randolph Avenue C.R. 578 – From Waterfall Drive to Candlewick Avenue C.R. 578 – From Oak Lake Drive to 380 ft east of Sparks Road C.R. 578 – From 330 ft west of Linden Dr. to 380 ft east of Sparks Rd. C.R. 578 – From 380 ft E. of Sparks Rd to 1,500 E. of the Suncoast Exp. C.R. 578 – From 380 ft E. of Sparks Rd to 500 W. of the Suncoast Exp C.R. 578 – From 270 ft. E. of the Suncoast Exp to 220 ft. E. of Quarter Horse Ln U.S. 41 at Ayers Road – entire length of study limits U.S. 41 – From Ayers Road south to end of study limits Ayres Road – From U.S. 41 to end of study limits
Pasco County Utilities Department (Water and Sewer)	Potable Water – 12” Water Main Potable Water – 12” Water Main Sanitary Sewer – 6” Force Main Sanitary Sewer – 6” Force Main Sanitary Sewer – 6” Force Main Sanitary Sewer – 6” Force Main	B B B B B B	East South West Crossing East South	U.S. 19 – From C.R. 578 south to end of study limits C.R. 578 – From U.S. 19 to 300 ft east of Shady Hills Road U.S. 19 – From 45 ft south of C.R. 578 to end of study limits U.S. 19 – 45 ft south of C.R. 578 U.S. 19 – From 45 ft south of C.R. 578 to C.R. 578 C.R. 578 – From U.S. 19 to 550 ft east of U.S. 19
Teco/Peoples Gas	Natural Gas – 6” Gas Main Natural Gas – Proposed 6” Gas Natural Gas – Proposed 6” Gas	B B B	North North South	C.R. 578 – From Medical Boulevard to 1870 ft west of Presto Hollow Drive C.R. 578 – From 1870 ft west of Presto Hollow Drive to Linden Drive C.R. 578 – From Mariner Boulevard to 650 ft west of Jackson Street
Verizon	Communication Fiber Optic Cable	B B B B B	East Crossing West South South South	U.S. 19 – From C.R. 578 south 500 ft U.S. 19 – 500 ft south of C.R. 578 U.S. 19 – From C.R. 578 south to Project End C.R. 578 – From U.S. 19 to Old Shady Hills Road C.R. 578 – From Parade Road to Kelly Road C.R. 578 – From Drayton Street to the west 820 ft
Williams Communication	Fiber Optic Cable	B B	East Crossing	U.S. 41 - Entire Project Limits Ayers Road - East of U.S. 41
Level (3) Communications	Communication	B	West	U.S. 19 - Entire Project Limits

TABLE 3-2 Continued
SUMMARY OF EXISTING UTILITIES

Owner	Utility Description	Aerial(A) Buried (B)	Side	Approximate Location
Florida Water Services	Wastewater - 10" Force Main	B	North	C.R. 578 – From U.S. 19 to Mariner Boulevard
	Wastewater - 10" Force Main	B	Crossing	U.S. 19 - North of C.R. 578
	Wastewater - 10" Force Main	B	West	U.S. 19 - North of C.R. 578 to north end of project
	Potable Water - 6" Water Main	B	East	U.S. 19 - From north of C.R. 578 to C.R. 578
	Potable Water - 6" Water Main	B	North	C.R. 578 - from U.S. 19 to Callaway Avenue
	Potable Water - 8" Water Main	B	North	C.R. 578 - from Callaway Avenue to Balboa Avenue
	Potable Water - 10" Water Main	B	North	C.R. 578 - from Balboa Avenue to Cobblestone Drive
	Potable Water - 6" Water Main	B	North	C.R. 578 - from Cobblestone Drive to Oak Leaf Drive
	Potable Water - 8" Water Main	B	North	C.R. 578 - from Mariner Boulevard to 425' east of Mariner Boulevard
	Potable Water - 10" Water Main	B	North	C.R. 578 - from to 425' east of Mariner Boulevard t Preston Hollow Drive
Withlacoochee River Electric	Electric Power Distribution	A	East	U.S. 19 - entire project limits
		A	West	U.S. 19 - entire project limits
		A	North	C.R. 578 - from U.S. 19 to Balboa Avenue
		A	North	C.R. 578 - from Balboa Avenue to 0.97 miles east of Mariner Boulevard
		A	South	C.R. 578 - from Balboa Avenue to 1.24 miles east of Mariner Boulevard
Time Warner	Cable TV	A	North	C.R. 578 - from U.S. 19 to Hamlet Circle
		B	North	C.R. 578 - from Hamlet Circle to Dartmouth Avenue
		A	North	C.R. 578 - from Dartmouth Avenue to Oak Leaf Drive
		B	South	C.R. 578 - from east of U.S. 19 to Parade Road
		A	South	C.R. 578 - from Runyon Drive to Drayton Street
		A	North	C.R. 578 - from Anderson Road to west side of Suncoast Parkway
		B	North	C.R. 578 - from west side of Suncoast Parkway to east side of Suncoast Parkway
		A	North	C.R. 578 - from east side of Suncoast Parkway to U.S. 41
		A	East	U.S. 41 - from C.R. 578 to north of Ayers Road
		A	South	Stur Street - from U.S. 41 to Kosta Street
		B	East	Kosta Street - from Stur Street to Psenka Street
		B	North	Penska Street - from Kosta Street to 1,200 ft west of Kosta Street
		A	North	Penska Street - 1,200 ft west of Kosta Street to Korbus Road
A	East	Korbus Road - from Penska Street fo Boynton Road		
A	North	Boynton Road - from Korbus Road to Kosta Street		

APPENDICES

APPENDIX A



Florida Department of Transportation

11201 N. MCKINLEY DRIVE • TAMPA, FL 33612 6456 • (813) 975 6446 • T 888 234 7229
Dedicated Utilities MS 7-829

JEB BUSH
GOVERNOR

THOMAS F. BARRY, JR.
SECRETARY

May 31, 2000

Mr. Ken D'Ortona
BellSouth Telecommunications
6026 Northwest 1st Place
Gainesville, FL 32607

RE: FPN: 257298 1 52 01/WPI No. 7122100/Pasco & Hernando Counties
County Line Road (CR 578)/PD&E Study/Utilities Information

Dear Mr. D'Ortona:


The Florida Department of Transportation is conducting a Project Development and Environment (PD&E) Study to evaluate capacity improvements to County Line Road (CR 578), in Pasco and Hernando Counties. The proposed project involves improving CR 578 from a primarily two-lane roadway to a multi-lane facility from the vicinity of US 19 (SR 55) to US 41 (SR 45), a distance of approximately 11.0 miles in length. Also, a segment of roadway on new alignment, referred to as the Ayers Road Extension, is being evaluated. This alignment begins east of the CR 578/Suncoast Parkway interchange to US 41 and Ayres Road (CR 576), a distance of approximately 2.8 miles.

As part of the study inventory, the Department is collecting information on all existing and proposed utilities within the project corridor. The specific information we need from you is to identify the type and location of any existing or proposed utilities you may have along the project limits.

Enclosed are two (2) sets of aerials for your use in identifying existing and proposed utilities within the project corridor. Please mark up both sets and return one (1) set for our study evaluations. The second set is provided so that you may retain one (1) copy of your files. Also, it would be most helpful if you could provide approximate unit cost relocation estimates, so that we may comprehensively evaluate utility relocation costs as part of our alternatives development. Additionally, any pertinent information regarding easements, covenants, or rights-of-way would be appreciated.

If you have any questions or need additional information, please give me a call at 975-6750. Due to the time constraints of the PD&E study, I would appreciate your response within four (4) weeks.

Sincerely,



Tom Elmore
Utility Technician

TE/JR

cc: Project File

APPENDIX B

RECEIVED DIST
UTILITIES

01 FEB 26 PM 1:03



Network - Fiber Services
500 Occidental Building
110 West 7th Street
Tulsa, Oklahoma 74119-1029

February 21, 2001

William D. Summers
Utility Construction Coordinator
Florida DOT
11201 N. McKinley Dr., MS 7-820
Tampa, FL 33612-6403

Re: FPN 257298 1/Pasco/Hernando County; CR 578 (County Line Rd.) US 19 - 41
Williams Project No. UR 415

Dear Mr. Summers,

This letter is written in response to your letter dated January 22, 2001, alerting us to a possible conflict between a buried Williams Communications' fiber-optic cable and the referenced project. In this regard, based on the information supplied by your office, you are hereby advised that Williams' facilities are not in conflict with the planned construction.

I enclose, for your reference, a DeLorme® map depicting the approximate location of Williams' fiber-optic line in the area.

Thank you for your consideration in bringing this matter to our attention. Should you require further information, please advise.

Sincerely,

Williams Communications, LLC

A handwritten signature in black ink, appearing to read "Frank R. Wilkeson".

Frank R. Wilkeson
Right of Way Administration

/fw
Enclosures
xc: Greg Solomon



Network – Fiber Services
One Technology Center
Mail Drop TC-11A
P.O. Box 22064
Tulsa, Oklahoma 74121-2064

February 25, 2002

J. W. Dorzback & Associates, Inc.
Attn: Henry L. Dorzback, P.E.
16007 Wyndover Road
Tampa, FL 33647

**Re: WPI Segment No. 257298 1/FAP 7822 001 5
County Line Road (CR 578) PD&E Study/Pasco & Hernando Counties
Williams Project No. UR-1031**

Dear Mr. Dorzback:

This letter is written in response to your letter dated January 25, 2002, alerting Williams Communications to a possible conflict between a buried Williams' fiber-optic cable and the referenced project. In this regard, based on information supplied by your office, you are hereby advised that Williams' cable is not in conflict with the road widening project. Our facilities are located in the CSX Railroad right-of-way.

I enclose an Arc-View® map depicting the *approximate* location of Williams' facilities in the area. Also enclosed are as-built drawings: MIA-TAL-04-016 through -018. If the design of the project is changed or if CSX Railroad determined it will have to relocate its facilities, this may put us in conflict. We would ask that you keep Williams updated as the project design is completed.

Thank you for your consideration in bringing this matter to our attention. Should you require further information, please advise.

Sincerely,

Williams Communications, LLC

A handwritten signature in cursive script that reads "Judith S. Lake".
Judith S. Lake
Operations – Technical Support

Enclosure



01 FEB 22 PM 12:01
UTILITY

February 19, 2001

Mr. David Summers
11201 N. McKinley Drive
Tampa, FL 33612-6403
MS 7-820

CR578 from US 19 to US 41

Dear Mr. Summers:

Enclosed is an atlas sheet which shows the disposition of utilities owned by Florida Water Services within the proposed corridor. We would like to be included in the design phase of the project and would appreciate notification as the various phases of design are undertaken.

Please contact the writer at the telephone number or address listed on the letterhead if you require any additional information.

Very truly yours,

FLORIDA WATER SERVICES CORPORATION

Michael Dunn
West Region Engineer



LEVEL (3) COMMUNICATION

RECEIVED DIST UTILITIES

7200 Lake Ellenor Drive
Suite 120
Orlando, Florida 32809

01 FEB 2 PM 12:58

Phone: (407) 850.3700
Fax : (407) 852.1895

LETTER OF TRANSMITTAL

TO: DAVID SUMMERS

FROM: ROBERT ANTLE

DATE: 2-8-2001

REC: FLDOT FPN: 257298-1-52-01

QUANTITY	DATE	DESCRIPTION
1		COPY OF FLDOT INTERSECTION AERIALS WITH LABELS (UTILITY LOCATED "RED LINES")

COMMENTS:

CC:



PENINSULA DESIGN & ENGINEERING, INC.

ENGINEERS

•

ECOLOGISTS

CONSTRUCTION MANAGEMENT

PLANNERS

SURVEYORS

February 6, 2001

File No. 00377.3

Ms. Kari Richmond
Pasco County Development Review
West Pasco Government Center S-230
7530 Little Road
New Port Richey, FL 34654

**RE: 4" Gas Main along County Line Road from
Shady Oaks/Mariner to Wings Plus Restaurant**

Dear Ms. Richmond:

Per our conversation, enclosed are the resubmittal of four (4) copies and Right-of-Way Use Permit for the County Line gas main plans.

Due to other utility conflicts, the gas line had to be moved 5' north of the existing water main as depicted on the plans. These plans were coordinated with Mr. Mike Seifert, FDOT Project Manager (813-975-6922) and FDOT's Consultant, Mr. Ron Pscion (813-286-1711), for the PD&E study to widen County Line Road. Our client, TECO Peoples Gas (Mr. George Holloman, Utility Coordinator 352-685-3303), understands that this line may be in conflict in some areas with this widening project with the need to relocate in the future.

If you have any questions please do not hesitate to call.

Sincerely,

PENINSULA DESIGN & ENGINEERING, INC.

John D. Cerrato, P.E.
Vice President

JDC:dwj

CC: George Holloman (TECO)
~~Ron Pscion (URS Greiner)~~
Mike Siefert (FDOT)

A:\003773.KR



December 8, 2000

Jeraldo Comellas, Jr. P.E.
District EMO Engineer
Florida Department of Transportation
11201 N. McKinley Drive
Tampa, FL 33612-6456

RECEIVED ENVIRONMENTAL
MANAGEMENT OFFICE
2000 DE 1

RE: FIN #: 257298 1
FAP #: 7822 001 S
DESC.: County Line Road (CR 578) PD&E Study
Pasco & Hernando Counties

Dear Mr. Comellas:

In connection with the above referenced project, we are returning the following items and/or information as requested:

- Construction Plans
- Drainage & Outfall Plans
- Intersection Improvement Plans
- Highway Lighting Plans
- Relocation Schedule
- Detail Cost Estimate
- Estimate Summary
- Scope of Work Statement
- Contact Form
- Transmission Involved (~~Yes~~ No) Alteration Required (~~Yes~~ No)
- Substation Involved (Yes No) Alteration Required (Yes No)
- Distribution Involved (Yes No) Alteration Required (Yes No)
- Subordination Agreement Required (Yes No)
- Deed Required for Fee-Owned Property (Yes No)
- Reimbursement (Will Will Not) Be Claimed
- Additional Maps Required Due to Involvement _____ set(s)
- Other: We have no existing Transmission Line; a proposed line is scheduled for the proposed R/W. We will still need to get plans for the new road.

If we may be of further assistance, please do not hesitate to call.

Sincerely,

FLORIDA POWER CORPORATION

Keith A. Keller
System Permitting & Liaison Agent
Real Estate Department, MT4A

KAK:pdv



PASCO COUNTY, FLORIDA

DADE CITY 352/521-4274
LAND O' LAKES 813/996-7341
NEW PORT RICHEY 727/847-8145
FAX 727/847-8064

UTILITIES DEPARTMENT
PUB. WKS./UTILITIES BLDG., S-205
7530 LITTLE ROAD
NEW PORT RICHEY, FL. 34654

June 29, 2000

Mr. Tom Elmore
Florida Department of Transportation
Utility Technician
11201 North McKinley Drive
Tampa, Florida 33612-6465

RE: FPN: 257298 1 52 01/WPI No. 7122100/Pasco & Hernando Counties County Line Road
(CR 578)/PD&E Study/Utilities Information

Dear Mr. Elmore:

We are providing copies of our Pasco County utility system atlas maps for the area of your proposed construction. The potential always exists for conflicts with our water, wastewater and reuse pipelines in the area. Please call the "Call Sunshine" at 1-800/432-4770 for assistance with locating utilities in the field. We are also returning markup drawings as requested. Pasco County Utilities has a 12" water main on the south side of CR 578 to approximately 300 feet east of Shady Hills Road. We are proposing a future water main extension to US 41. In the future, a 8" force main will be installed on the north side of the water main from US 19 to US 41.

If you have any questions or need additional information, please feel free to contact this office at the above telephone number.

Sincerely,

Jim Lloyd
Drafting Technician II

JDL/00-10025

Enclosure

cc: Douglas S. Bramlett, Assistant County Administrator (Utilities Services)
Bruce E. Kennedy, P.E., Utilities Director

00 JUN 23 09 12:02

UTILITY DEPARTMENT
UTILITIES

From: Glenn Greer <ggreer@pascocountyfl.net>
To: <jwdorz@sprynet.com>
Cc: Bruce Kennedy <bkennedy@pascocountyfl.net>; Doug Yowell <dyowell@pascocountyfl.net>;
Douglas Bramlett <dbramlett@pascocountyfl.net>
Subject: FDOT PD&E Study of County Line Road, US 19 to US 41
Date: Wednesday, May 08, 2002 4:44 PM

Mr. Jean W. Dorzback, P.E., J W Dorzback & Associates, Inc.

As requested we have estimated a cost (for planning purposes only) for the relocation of Pasco County Utilities' 12" water main and 6" force main along County Line Road. In the event at some future date it becomes necessary for the County to relocate these facilities because there is no other feasible alternative other than relocation, the following represents our rough estimate of the cost to complete this work:

Water Main:

30,300 feet at an estimated cost of \$24 per foot
= \$727,200

Force Main:

1,000 feet at an estimated cost of \$14 per foot =
\$14,000

Please consider this information and feel free to contact me, (727) 847-8040, if there are questions or if additional information is required.

Glenn Greer

Board of County Commissioners

Hernando County



Water & Sewer District Governing Board UTILITIES DEPARTMENT

202 East Jefferson Street
Brooksville, Florida 34601
TELEPHONE: (352) 754-4037
FAX: (352) 754-4485

June 19, 2000

Mr. Tom Elmore, Utility Technician
Florida Department of Transportation
11201 McKinley Drive
Tampa, Florida 33612-6456

Re: FPN: 257298 1 52 01/WPI No. 7122100/Pasco & Hernando Counties
County Line Road (CR 578) / PD&E Study/Utilities Information

Dear Mr. Elmore:

Upon review of the aerials for the above referenced project, The Utilities Department finds that we only have lines within the proposed project route at the intersection of the Suncoast Parkway and County Line Road (CR 578). I am returning only the aerial sheet (No.20) which involves our utilities as well as construction drawings, Plan and Profile Sheet 5 of 17 and As-built survey sheet 1 of 7, reflecting our water and sewer lines in that area.

If you have any questions or are in need of additional information, please contact me at (352) 754-4037.

Sincerely,

A handwritten signature in cursive script that reads "Robert L. Mills".

Robert L. Mills
Chief Utilities Inspector
Hernando County Utilities Department

attachments

COPIES
01/19/01



February 12, 2002,

J.W. Dorzback & Associates, Inc.
16007 Wyndover Rd.
Tampa, Florida 33647

**Re: WPI Segment No. 257298 1/FAP No. 7822 001 5
County Line Road (C.R. 578) PD&E Study/Pasco and Hernando Counties Utilities
Information**

Dear Mr. Dorzback:

In response to your letter on the above-mentioned project, TECO Peoples Gas has existing Natural Gas facilities within your projected work areas. A 6" Steel Gas Main on the North side of County Line Rd. from Medical Drive approximately 10,550' East to Linden Drive, and 4" Steel Gas Main on the South side of County Line Rd. from Shady Hills Drive then proceeding West approximately 6,375'. In addition, at the intersection of County Line Rd. and Mariner Blvd. is a 6" Steel crossing North and South approximately 150'.

The construction cost to relocate these facilities is \$25.00 per foot for 6" Steel and \$18.00 per foot for 4" Steel.

If you need any additional information or have any questions, please contact me at;
(352) 684-3303.

Respectfully yours,

A handwritten signature in cursive script that reads "George Holloman".

George Holloman
Operations Coordinator



February 20, 2002

J.W. Dorzback & Associates, Inc.
Mr. Henry Dorzback
16007 Wyndover Rd.
Tampa, FL 33647

RE: WPI Segment No. 257298 1/FAP No. 7822 001 5
County Line Road, Utilities Information

Mr. Henry Dorzback

After reviewing the CD you provided and the plans previously provided to us, we are able to provide you with the following cost estimates.

ROAD SECTION	LENGTH OF PLANT	EST.RELOCATION COST
U.S. 19 to the Suncoast Pk. Way	Approx. 5 miles	\$97,000.00
S-5	Approx. .57 mile	\$11,058.00
S-8	Approx. .38 mile	\$7,372.00

All of the Time Warner facilities are in the road rights-of-way not in any deeded easements.

If you have any further questions, please call me at 352-746-7664. Please make note of the change of address. I know that the old address did cause a delay.

Sincerely,

Mike Krasny
Field Engineer
Time Warner Cable