



**District One
Priority Project Information Packet**

Name of Applying Agency: City of North Port

Project Name:

Price Boulevard Widening, Sumter Boulevard to North Port High School/Heron Creek Middle School

Project Category:

Congestion Management TRIP CIGP

Transportation Alternative RTAP Transit/Modal

Will this be a LAP project? Yes No

(If yes, applicant must be LAP certified)

Project Limits/Location:

Describe beginning and end points of project, ex.; from ABC Rd. to XYZ Ave. Limits run south to north or west to east. Include jurisdiction (city/county), project length attach a labeled project map.

Replace a 1.52 mile segment of the existing two lane/two direction rural section roadway in the city of North Port on Price Boulevard from Sumter Boulevard west to Biscayne Drive to a four lane urban divided roadway.

Is the roadway on the State Highway System? Yes No

Is the roadway on the Federal Aid Eligible System? Yes No

If no, give local jurisdiction: [Click here to enter text.](#)

Is this project consistent with the MPO/TPO Long Range Transportation Plan?

Yes No Page number (attach page from LRTP): Page 3-5 of the 2040 LRTP – Reference Attachment D

Is this project in the local jurisdiction’s Capital Improvement Plan?

Yes No (attach page from CIP) [Click here to enter text.](#)

Project Description

Phase(s) requested:

Planning Study PD&E PE ROW CST CEI

Project cost estimates by phase:

Planning Study \$ Completed in 2009 ROW \$1,000,000

PD&E \$1,175,000 CST \$17,550,000

PE \$2,500,000 CEI \$2,650,000

TOTAL Project Cost: \$24,875,000

Project Details: Clearly describe the project and desired improvements in detail and indicate if work will be completed in-house. Include labeled photos and maps. (Add additional pages if needed)

New roadway to be a four lane divided, with raised center median, urban cross-section, including traffic signalization, bridge replacement over the Myakkahatchee Creek, roadway lighting, bicycle lanes, sidewalks, irrigation and landscaping (reference Attachment A). This work will not be completed in-house.

Constructability Review

For items 2-7 provide labeled and dated photos (add additional pages if needed)

1. Are there any other projects (ex. drainage, utility, etc.) programmed (local, state or federal) within the limits of this project? Yes No

If yes, provide details of the other project(s), including project scope and schedule:
[Click here to enter text.](#)

2. Does the applicant have an adopted ADA transition plan? Yes No

Identify areas within the project limits that will require ADA retrofit. (Include GIS coordinates for stops and labeled photos and/or map)

None

3. Are there any transit stops/shelters/amenities within the project limits?

Yes No

How many? There are two stops (one in each direction) just west of the main driveways into North Port High School and Heron Creek Middle School.

Stop ID number: . 3841 (Eastbound) and 3439 (Westbound)

4. Are any improvements needed or requested for bus stops? Yes No

Description of existing conditions at stop and desired improvements (add additional pages if needed):

Existing stops have concrete landing pads and shelters.

5. Are turn lanes being added? Yes No

If yes, provide length of turn lanes

These will be designed with the project

6. Drainage structures:

Number of culverts or pipes currently in place: These will be catalogued during the project design.

Type: [Click here to enter text.](#)

Replacement? [Click here to enter text.](#)

Details [Click here to enter text.](#)

Will drainage ditches be filled in? Yes No

If yes, provide the limits and quantify in linear feet:

The entire length of the project, approximately 13,000 linear feet

Describe the proposed conveyances system (add additional pages if needed)

Curb and gutter drainage with inlets, pipes and ponds

Are there any existing permitted stormwater management facilities/ponds within the project limits? Yes No

If yes, provide the location and permit number (add additional pages if needed)

[Click here to enter text.](#)

Utilities within project limits: Yes No

If yes, list specific utilities within project limits and describe any potential conflicts (add additional pages if needed):

Reference Attachment J

Are there Bridges within project limits: Yes No

If yes, can bridges accommodate proposed improvements? Yes No

If no, what bridge improvements are proposed? (add additional pages if needed):

Replacement of the existing two lane vehicular bridge with a new four lane structure that will accommodate bicycle lanes and pedestrian walkways.

7. Is needed Right-of-Way (ROW) within public ownership? Yes No

Provide details of potential ROW issues and how they will be addressed, evidence of ROW (GIS, maps, etc.) as well as a detailed breakdown of costs. Also include information about any potential encroachment issues (add additional pages if needed):

No right-of-way issues are contemplated (reference Attachment I).

Pond sites will need to be acquired.

8. Are permits required? Yes No

If yes, list the types of permits required:

- Southwest Florida Water Management District – Environmental Resource Permit
- United States Army Corps of Engineers.- Dredge and Fill
- Florida Department of Environmental Protection – Sovereign Submerged Lands Determination

If no, state the qualified exemption:

Reference Attachment E

9. Are there any wetlands within the project limits? Yes No

If yes, list the type of wetlands and if mitigation will be required. Provide any additional information:

Potential impact to wetlands – see attached Sheets 10 – 13 and Figure 2 from the Price Boulevard Corridor Study.

Is there critical habitat within the project limits? Yes No (Provide details)

Reference Attachment F

10. Are there any endangered species within the project limits? Yes No

If yes, list the species and what, if any mitigation or coordination will be necessary:

Reference Attachment G

11. Is a historic survey required? Yes No (Provide details)

Reference Attachment H

12. Is Recreational or 4(f) property within the project limits? Yes No

(Provide details)

A City park and historic sites border this segment of Price Boulevard

13. Are there any contamination areas within the project limits? Yes No

(Provide details)

Click here to enter text.

Required Attachments

- A. Detailed Project Scope with Project Location Map
- B. Project Photos - dated and labeled
- C. Detailed Cost Estimates including Pay Items
- D. LRTP and Local CIP page
- E. Survey/As-builts/ROW documentation/Utility/Drainage information
- F. Detailed breakdown of ROW costs included in estimate (if ROW is needed/included in request or estimate)

Applicant Contact Information

Agency Name: City of North Port

Mailing Address: 1100 North Chamberlain Boulevard

Contact Name and Title: Ben Newman, P.E. Projects Engineer

Email: bnewman@cityofnorthport.com **Phone:** 941-240-8320

Signature: _____ **Date:** _____

Your signature indicates that the information included with this application is accurate.

Maintaining Agency: City of North Port Public Works Department

Contact Name and Title: Juliana B. Bellia, Director Public Works

Email jbellia@cityofnorthport.com **Phone:** 941-240-8051

Signature: _____ **Date:** _____

Your signature serves as a commitment from your agency to maintain the facility requested.

MPO/TPO:

Contact Name and Title: Colleen McGue, Transportation Planner

Email: Colleen@mympo.org **Phone:** 941-359-5772

Signature: _____ **Date:** _____

Your signature confirms the requested project is consistent with all MPO/TPO plans and documents, is eligible, and indicates MPO/TPO support for the project.

If no, what bridge improvements are proposed? (add additional pages if needed):

Replacement of the existing two lane vehicular bridge with a new four lane structure that will accommodate bicycle lanes and pedestrian walkways.

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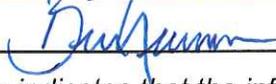
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Mailing Address: 1100 North Chamberlain Boulevard

Contact Name and Title: Ben Newman, P.E. Projects Engineer

Email: bnewman@cityofnorthport.com **Phone:** 941-240-8320

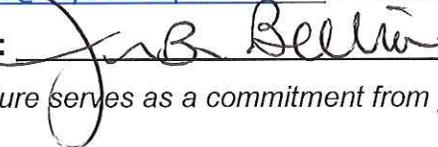
Signature:  **Date:** 3.14.17

Your signature indicates that the information included with this application is accurate.

Maintaining Agency: City of North Port Public Works Department

Contact Name and Title: Juliana B. Bellia, Director Public Works

Email: jbellia@cityofnorthport.com **Phone:** 941-240-8051

Signature:  **Date:** 3/24/17

Your signature serves as a commitment from your agency to maintain the facility requested.

MPO/TPO:

Contact Name and Title: Colleen McGue, Transportation Planner

Email: Colleen@mymppo.org **Phone:** 941-359-5772

Signature: _____ **Date:** _____

Your signature confirms the requested project is consistent with all MPO/TPO plans and documents, is eligible, and indicates MPO/TPO support for the project.

ATTACHMENT A

- 1. Detailed Project Scope**
- 2. Project Location Map**
- 3. Project Limits**
- 4. Typical Roadway Cross-section**

PRICE BOULEVARD WIDENING

SUMTER BOULEVARD TO NORTH PORT HIGH SCHOOL/HERON CREEK MIDDLE SCHOOL

PROJECT SCOPE

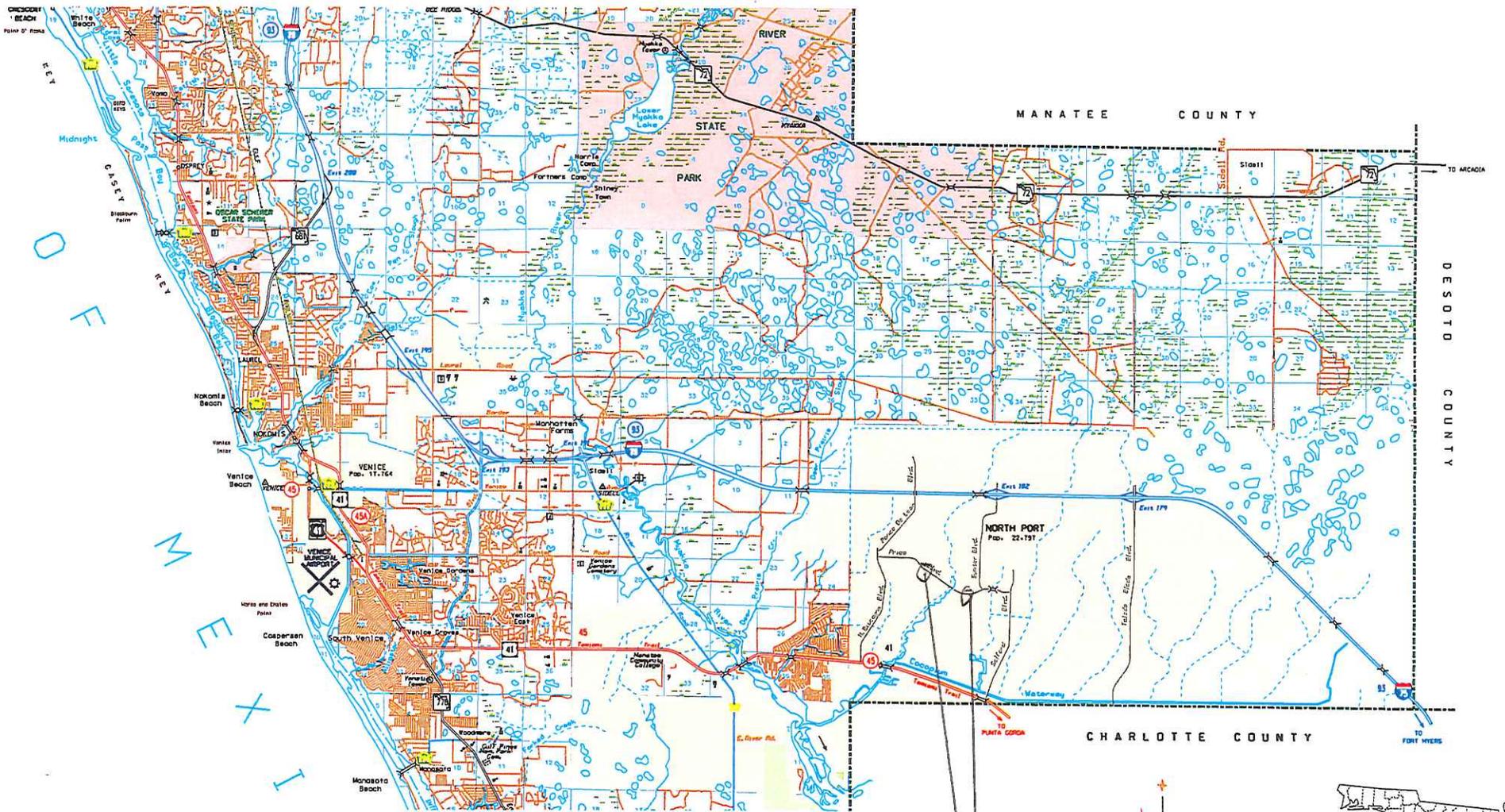
This approximate 1.5 mile long segment is currently a two lane/two direction rural section arterial roadway. Price Boulevard has no stop conditions from the Sumter Boulevard intersection westerly along Butler Park and through these two school properties.

There is a sidewalk along the entire north side of the project limits and a sidewalk on the south for approximately 70% of the project limits. There are no bicycle lanes on this segment of Price Boulevard. Mass transit bus stops are positioned just west of the Sumter Boulevard intersection and at two schools.

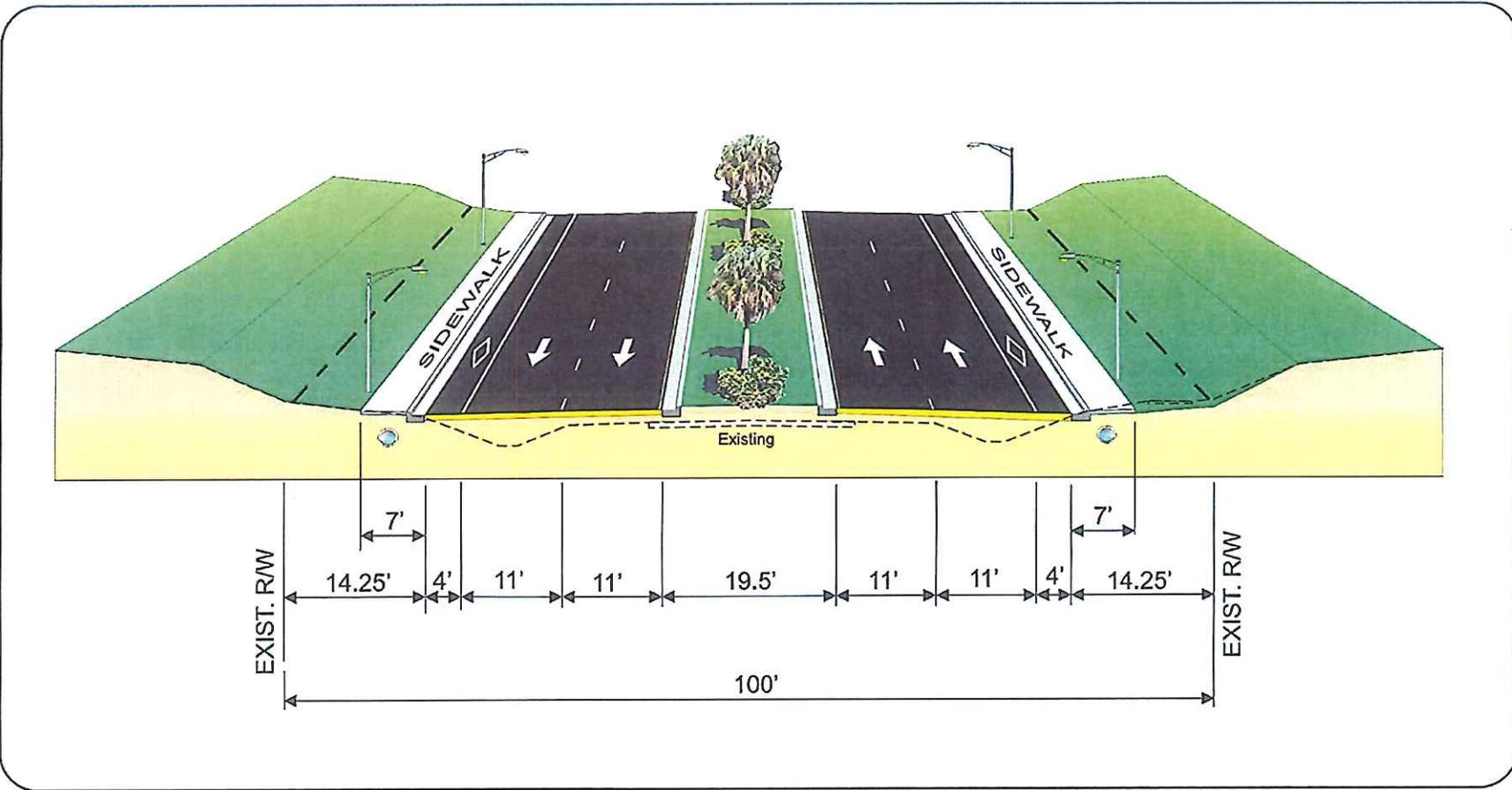
The existing right-of-way width is one hundred feet. A golf cart bridge crosses over Price Boulevard east of Myakkahatchee Creek and its abutments lie just outside of the road right-of-way.

The project will construct a four-lane divided urban roadway with a raised center median. Stormwater inlets, piping, structures and treatment ponds will be required. Sidewalks and bicycle lanes will compete for the limited right-of-way of Price Boulevard in this segment.

Roadway lighting will likely be positioned in the raised center median. The raised center median is not expected to restrict accessibility from current conditions. Due to the limited right-of-way width, landscaping may be relegated to the median. Turn lane analysis and signal warrant studies will be conducted at Spring Haven Drive.



PRICE BOULEVARD WIDENING
PROJECT LOCATION MAP



CITY OF NORTH PORT

PRICE BOULEVARD
from Biscayne Dr. to Orlando Blvd.

CORRIDOR STUDY

Sarasota County, Florida



ALTERNATIVE 'C'
100' R.O.W. 4 LANE URBAN
11' LANES, 19.5 MEDIAN

Figure 7.3

ATTACHMENT B

(Project Photos 1-14)



PHOTO #1 - PRICE BLVD WIDENING
LOOKING WEST
FROM SUNKER BLVD & LAKE TRANSITION

03/05/2016



PHOTO #2 - PRICE BLVD WIDENING
LOOKING WEST
GOLF CART BRIDGE

03/05/2016



PHOTO#3 - PRICE BLVD WIDENING
LOOKING WEST
MYAKKA HATCHIE CREEK BRIDGE

03/05/2016



PHOTO #4 - PRICE BLVD WIDENING
LOOKING WEST - MAIN DRIVEWAYS
MIDDLE SCHOOL (LEFT) HIGH SCHOOL (RIGHT)

03/05/2016



PHOTO # 5 - RICE BLVD WIDENING
LOOKING WEST - BUS DRIVEWAYS -
MIDDLE SCHOOL (LEFT) HIGH SCHOOL (RIGHT)

03/05/2016



PHOTO#6 - PRICE BLVD WIDENING
LOOKING EAST - BUS DRIVEWAYS
MIDDLE SCHOOL (RIGHT) HIGH SCHOOL (LEFT)

03/05/2016



PHOTO #7 - PRICE BLVD WIDENING
LOOKING EAST - MAIN DRIVEWAYS
HIGH SCHOOL (LEFT) MIDDLE SCHOOL (RIGHT)

03/05/2016



PHOTO #8 - PRICE BLVD WIDENING
LOOKING EAST
SPRING HAVEN DRIVE INTERSECTION

03/05/2016



PHOTO #9 - PRICE BLVD WIDENING
LOOKING WEST
SPRING HAVEN DRIVE INTERSECTION

03/05/2016



PHOTO #10 - PRICE BLVD WIDENING
LOOKING SOUTH
TOWARDS SPRING HAWKES DRIVE

03/05/2016



PHOTO #11 - PRICE BLVD WIDENING
LOOKING EAST
MYAKKAHATCHEE CREEK BRIDGE

03/05/2016



PHOTO #12 - PRICE BLVD WIDENING
LOOKING EAST
GOLF CART BRIDGE

03/05/2016



PHOTO #13 - PRICE BLVD WIDENING
LOOKING EAST
RESIDENTIAL STREETS INTERSECTION

03/05/2016



PHOTO #14 - PRILE BLVD WIDENING
LOOKING EAST - TRANSITION TO 4
LANE SECTION TOWARDS SUMTER BLVD

03/05/2016

ATTACHMENT C

Detailed Cost Estimate

AJAX Paving Industries of Florida, LLC
P.O. # 045748 \$9,508,636.40 \$9,033,636.39 (Bid) \$475,000.01 (Contingency)
Contract # 2013-52
Project # R135B3

Sumter length (including Price Boulevard Legs) 9820 LF
Price length Sumter to Biscayne) -13000 LF
13000/9820 = 1.324
Price Length Sumter to west of HCMS driveway
8000/9820 = 0.815

8,000 LF

| Work Item | Sumter Boulevard | | | | Price Boulevard | |
|------------------------------------|-------------------|--------------|-------|----------------|---------------------------|-----------------|
| | Contract Quantity | Unit Price | Units | Item Total | Sumter to HCMS West Drive | Item Total |
| 01 - As-Builts Survey | 1 | \$21,775.00 | LS | \$21,775.00 | | \$ 17,746.63 |
| 02- Mobilization | 1 | \$472,000.00 | LS | \$472,000.00 | | \$ 384,680.00 |
| 03 - MOT | 1 | \$243,500.00 | LS | \$243,500.00 | | \$ 198,452.50 |
| 04 - Traffic Control Officer | 120 | \$41.37 | MH | \$4,964.40 | | \$ 4,045.99 |
| 05 - Work Zone Signs | 7852 | \$0.33 | ED | \$2,591.16 | | \$ 2,111.80 |
| 06 - Business Signs | 8 | \$87.10 | EA | \$696.80 | | |
| 07 - Barrier Wall - Temp | 252 | \$58.71 | LF | \$14,794.92 | | \$ 12,057.86 |
| 08 - Barricade Temp - Type II | 83013 | \$0.13 | ED | \$10,791.69 | | \$ 8,795.23 |
| 09 - High Intensity Flashing Light | 2480 | \$0.22 | ED | \$545.60 | | \$ 444.66 |
| 10 - Variable Message Signs | 1440 | \$13.07 | ED | \$18,820.80 | | \$ 15,338.95 |
| 11 - Temp Signalization & Maint | 720 | \$2.72 | ED | \$1,958.40 | | \$ 1,596.10 |
| 12 - Temp Traffic Detect & Maint | 153 | \$35.58 | ED | \$5,443.74 | | \$ 4,436.65 |
| 13 - Prevention Control & Abate | 1 | \$272.20 | LS | \$272.20 | | \$ 221.84 |
| 14 - Sediment Barrier | 19920 | \$0.60 | LF | \$11,952.00 | | \$ 9,740.88 |
| 15 - Staked Turbidity Barrier | 160 | \$7.62 | LF | \$1,219.20 | | \$ 993.65 |
| 16 - Inlet Protection System | 102 | \$92.55 | EA | \$9,440.10 | | \$ 7,693.68 |
| 17 - Field Office | 1 | \$31,847.44 | LS | \$31,847.44 | | \$ 25,955.66 |
| 18 - Clearing & Grubbing | 35.07 | \$2,749.27 | AC | \$96,416.90 | | \$ 78,579.77 |
| 19 - Removal of Exist. Conc. Pvt | 5540 | \$8.11 | SY | \$44,929.40 | | \$ 33,617.46 |
| 20 - Mailbox Furnish & Install | 9 | \$157.88 | EA | \$1,420.92 | 34 | \$ 1,158.05 |
| 21 - Regular Excavation | 14970 | \$11.08 | CY | \$165,867.60 | | \$ 135,182.09 |
| 22 - Embankment | 43042 | \$24.53 | CY | \$1,055,820.26 | | \$ 860,493.51 |
| 23 - Type B Stabilization | 71477 | \$4.14 | SY | \$295,914.78 | | \$ 241,170.55 |
| 24 - Optional Base Group 6 | 54088 | \$11.80 | SY | \$638,238.40 | | \$ 520,164.30 |
| 25 - Mill Exist Asphalt Avg 1.5" | 2847 | \$3.86 | SY | \$10,989.42 | | \$ 8,956.38 |
| 26 - Superpave Traffic B | 4473.8 | \$88.71 | TON | \$396,870.80 | | \$ 323,449.70 |
| 27 - Asphalt Friction Course | 4716.2 | \$103.53 | TON | \$488,268.19 | | \$ 397,938.57 |
| 28 - Misc. Asphalt Pavement | 1.5 | \$107.19 | TON | \$160.78 | | \$ 131.04 |
| 29 - Cement Concrete Pavement | 6699 | \$99.19 | SY | \$664,473.81 | | \$ 541,546.16 |
| 30 - NS Concrete Gravity Wall | 33.8 | \$544.40 | CY | \$18,400.72 | | \$ 14,996.59 |
| 31 - Class I Concrete End Walls | 8.5 | \$435.52 | CY | \$3,701.92 | | \$ 3,017.06 |
| 32 - Inlets Valley Gutter <10' | 5 | \$2,177.60 | EA | \$10,888.00 | | \$ 8,873.72 |
| 33 - Inlets Curb Type P-5 <10' | 42 | \$2,376.85 | EA | \$99,827.70 | | \$ 81,359.58 |
| 34 - Inlets Curb Type P-6 <10' | 12 | \$2,526.02 | EA | \$30,312.24 | | \$ 24,704.48 |
| 35 - Inlets Curb Type J-5 <10' | 4 | \$2,912.54 | EA | \$11,650.16 | | \$ 9,494.88 |
| 36 - Inlets Curb Type J-6 <10' | 1 | \$3,049.73 | EA | \$3,049.73 | | \$ 2,485.53 |
| 37 - Inlets DBI Type C <10' | 3 | \$938.55 | EA | \$2,815.65 | | \$ 2,294.75 |
| 38 - Inlets DBI Type C Modified | 4 | \$973.39 | EA | \$3,893.56 | | \$ 3,173.25 |
| 39 - Inlets Type D - <10' | 3 | \$1,666.95 | EA | \$5,000.85 | | \$ 4,075.69 |
| 40 - Inlets Type D <10' J Bottom | 2 | \$1,330.52 | EA | \$2,661.04 | | \$ 2,168.75 |
| 41 - Inlets Type D Modified | 10 | \$2,526.02 | EA | \$25,260.20 | | \$ 20,587.06 |
| 42 - Inlets DBI Type E Modified | 1 | \$1,517.79 | EA | \$1,517.79 | | \$ 1,237.00 |
| 43 - Inlets Closed Flume | 3 | \$1,088.80 | EA | \$3,266.40 | | \$ 2,662.12 |
| 44 - Manholes Type P-8 <10' | 9 | \$1,745.35 | EA | \$15,708.15 | | \$ 12,802.14 |
| 45 - Manholes Type J-8 <10' | 1 | \$2,944.12 | EA | \$2,944.12 | | \$ 2,440.21 |
| 46 - Manholes Adjust Utility | 2 | \$326.64 | EA | \$653.28 | | \$ 532.42 |
| 47 - Valve Box Adjust | 32 | \$217.76 | EA | \$6,968.32 | | \$ 5,679.18 |
| 48 - Water Meters Adjust | 10 | \$304.86 | EA | \$3,048.60 | | \$ 2,484.61 |
| 49 - Yard Drains | 4 | \$326.64 | EA | \$1,306.56 | | \$ 1,064.85 |
| 50 - Drainage Structure Modify | 2 | \$1,088.80 | EA | \$2,177.60 | | \$ 1,774.74 |
| 51 - Pipe Culvert 15" Storm | 120 | \$21.78 | LF | \$2,613.60 | | \$ 2,130.08 |
| 52 - Pipe Culvert 18" Storm | 3587 | \$32.12 | LF | \$115,214.44 | | \$ 93,899.77 |
| 53 - Pipe Culvert 24" Storm | 1529 | \$36.47 | LF | \$55,762.63 | | \$ 45,446.54 |
| 54 - Pipe Culvert 30" Storm | 1545 | \$43.55 | LF | \$67,284.75 | | \$ 54,837.07 |
| 55 - Pipe Culvert 36" Storm | 52 | \$60.97 | LF | \$3,170.44 | | \$ 2,583.91 |
| 56 - Pipe Culvert 14"x 23" | 543 | \$35.93 | LF | \$19,509.99 | | \$ 15,900.64 |
| 57 - Pipe Culvert 19"x 30" | 824 | \$43.01 | LF | \$35,440.24 | | \$ 28,883.80 |
| 58 - Pipe Culvert 24"x 38" | 399 | \$66.42 | LF | \$26,501.58 | | \$ 21,598.79 |
| 59 - Pipe Culvert 29"x 45" | 151 | \$96.36 | LF | \$14,550.36 | | \$ 11,858.54 |
| 60 - PVC 15" Storm | 190 | \$23.95 | LF | \$4,550.50 | | \$ 3,708.66 |
| 61 - MES 15" | 10 | \$598.84 | EA | \$5,988.40 | | \$ 4,880.55 |
| 62 - MES 18" | 24 | \$653.28 | EA | \$15,678.72 | | \$ 12,778.16 |
| 63 - MES 24" | 3 | \$762.16 | EA | \$2,286.48 | | \$ 1,863.48 |
| 64 - MES 14"x 23" | 5 | \$740.38 | EA | \$3,701.90 | | \$ 3,017.05 |
| 65 - MES19"x 30" | 8 | \$773.05 | EA | \$6,184.40 | | \$ 5,040.29 |
| 66 - MES 24"x 38" | 9 | \$3,725.88 | EA | \$33,532.92 | | \$ 27,329.33 |
| 67 - MES 29"x 45" | 4 | \$4,125.47 | EA | \$16,501.88 | | \$ 13,449.03 |
| 68 - Underdrain Type V 6" | 7403 | \$32.66 | LF | \$241,781.98 | | \$ 197,052.31 |
| 69 - Underdrain Type V 8" | 1614 | \$38.11 | LF | \$61,509.54 | | \$ 50,130.28 |
| 70 - Underdrain Cleanout | 73 | \$277.64 | EA | \$20,267.72 | | \$ 16,518.19 |
| 71 - Underdrain Outlet Pipe 6" | 1043 | \$7.62 | LF | \$7,947.66 | | \$ 6,477.34 |
| 72 - Underdrain Outlet Pipe 8" | 742 | \$9.80 | LF | \$7,271.60 | | \$ 5,926.35 |
| 72A-BRIDGE | | | | | 1 | \$ 5,500,000.00 |
| 73 - Ped Bike Railing Aluminum | 316 | \$63.15 | LF | \$19,955.40 | 2 | \$ - |
| 74 - Concrete Curb & Gutter F | 31312 | \$8.98 | LF | \$281,181.76 | | \$ 229,163.13 |
| 75 - Concrete Valley Gutter | 2631 | \$19.33 | LF | \$50,857.23 | | \$ 41,448.64 |
| 76 - Traffic Separator Type IV | 1783 | \$28.25 | LF | \$50,369.75 | | \$ 41,051.35 |
| 77 - Concrete Sidewalk 4" | 13861 | \$27.00 | SY | \$374,247.00 | | \$ 305,011.31 |
| 78 - Concrete Sidewalk 6" | 333 | \$30.87 | SY | \$10,279.71 | | \$ 8,377.96 |
| 79 - Concrete Ditch Pmnt NR 3" | 197 | \$39.47 | SY | \$7,775.59 | | \$ 6,337.11 |
| 80 - Rip Rap Rubble F&I | 287.2 | \$108.88 | TON | \$31,270.34 | | \$ 25,485.33 |
| 81 - Guardrail Roadway W-Beam | 37.5 | \$26.13 | LF | \$979.88 | | \$ 798.60 |
| 82 - Guardrail Removal | 50 | \$5.44 | LF | \$272.00 | | \$ 221.68 |

From Bridge Contractor

| | | | | | | | | | |
|--------------------------------------------|-------|--------------|-----|--------------|-------------|------------|----|------------|---------------------------------------------------------------|
| 83 - Guardrail End Anchorage | 1 | \$2,286.48 | EA | \$2,286.48 | | | \$ | 1,863.48 | |
| 84 - Performance Turf, Sod | 67929 | \$1.71 | SY | \$116,158.59 | | | \$ | 94,669.25 | |
| 85 - Shrubs Dianella Tasmanica | 472 | \$9.80 | EA | \$4,625.60 | | | \$ | 3,769.86 | |
| 86 - Shrubs Galphimia Glauca | 259 | \$8.71 | EA | \$2,255.89 | | | \$ | 1,838.55 | |
| 87 - Shrubs Myrica Cerifera | 15 | \$8.71 | EA | \$130.65 | | | \$ | 106.48 | |
| 88 - Shrubs Arachis Glabrata | 4383 | \$3.81 | EA | \$16,699.23 | | | \$ | 13,609.87 | |
| 89 - Trees Bucida Buceras | 2 | \$315.75 | EA | \$631.50 | | | \$ | 514.67 | |
| 90 - Trees Gardenia Lasianthus | 4 | \$299.42 | EA | \$1,197.68 | | | \$ | 976.11 | |
| 91 - Trees Liquidambar Styraciflua | 44 | \$293.98 | EA | \$12,935.12 | | | \$ | 10,542.12 | |
| 92 - Trees Quercus Virginiana | 190 | \$315.75 | EA | \$59,992.50 | | | \$ | 48,893.89 | |
| 93 - Sabal Palmetto Slick | 33 | \$152.43 | EA | \$5,030.19 | | | \$ | 4,099.60 | |
| 94 - Ulmus Parvifolia "Allee" | 41 | \$348.42 | EA | \$14,285.22 | | | \$ | 11,642.45 | |
| 95 - Deep Root Barrier | 1475 | \$6.53 | LF | \$9,631.75 | | | \$ | 7,849.88 | |
| 96 - Irrigation System | 1 | \$199,190.74 | LS | \$199,190.74 | | | \$ | 162,340.45 | |
| 97 - Single Sign Post < 12sf | 79 | \$326.64 | AS | \$25,804.56 | | | \$ | 21,030.72 | |
| 98 - Single Sign Post 12-20 sf | 11 | \$1,497.10 | AS | \$16,468.10 | | | \$ | 13,421.50 | |
| 99 - Sign Multi Post <50sf | 1 | \$4,110.93 | AS | \$4,110.93 | | | \$ | 3,350.41 | |
| 100 - Marker Object Post Mount | 9 | \$190.54 | EA | \$1,714.86 | | | \$ | 1,397.61 | |
| 101 - Tubular Delineator Flexible | 6 | \$49.00 | EA | \$294.00 | | | \$ | 239.61 | |
| 102 - Retro Reflective Pvmr Marker | 991 | \$4.90 | EA | \$4,855.90 | | | \$ | 3,957.56 | |
| 103 - Reflect Paint Island Nose White | 6 | \$10.89 | SY | \$65.34 | | | \$ | 53.25 | |
| 104 - Reflect Paint Island Nose Yellow | 158 | \$10.89 | SY | \$1,720.62 | | | \$ | 1,402.31 | |
| 105 - 6" Solid White Stripe Thermo | 5.11 | \$5,444.01 | NMI | \$27,818.89 | | | \$ | 22,672.40 | |
| 106 - 8" Solid Stripe White Thermo | 1098 | \$1.63 | LF | \$1,789.74 | | | \$ | 1,458.64 | |
| 107 - 12" Solid Stripe White Thermo | 2042 | \$2.18 | LF | \$4,451.56 | | | \$ | 3,628.02 | |
| 108 - 18" Solid Stripe White Thermo | 434 | \$4.36 | LF | \$1,892.24 | | | \$ | 1,542.18 | |
| 109 - 24" Solid Stripe White Thermo | 482 | \$2.72 | LF | \$1,311.04 | | | \$ | 1,068.50 | |
| 110 - 6" 10/30 Skip White Stripe Thermo | 2.77 | \$2,722.00 | GM | \$7,539.94 | | | \$ | 6,145.05 | |
| 111 - 6" Dotted Guideline White Thermo | 44 | \$1.36 | LF | \$59.84 | | | \$ | 48.77 | |
| 112 - Pavement Message Thermo | 8 | \$217.76 | EA | \$1,742.08 | | | \$ | 1,419.80 | |
| 113 - Directional Arrow Thermo | 75 | \$81.66 | EA | \$6,124.50 | | | \$ | 4,991.47 | |
| 114 - 6" Solid Stripe Yellow Thermo | 3.98 | \$5,444.01 | NMI | \$21,667.16 | | | \$ | 17,658.74 | |
| 115 - 8" Solid Stripe Yellow Thermo | 219 | \$1.63 | LF | \$356.97 | | | \$ | 290.93 | |
| 116 - 18" Solid Stripe Yellow Thermo | 407 | \$4.36 | LF | \$1,774.52 | | | \$ | 1,446.23 | |
| 117 - Bus Stop Bench 2 / Pavillion | 4 | \$2,885.32 | EA | \$11,541.28 | 8 | 4 | \$ | 11,541.28 | |
| 118 - Trash Receptacle | 2 | \$2,155.80 | EA | \$4,311.60 | 8 | 2 | \$ | 4,311.60 | |
| 119 - Bike Rack | 2 | \$822.04 | EA | \$1,644.08 | 8 | 4 | \$ | 3,288.16 | |
| 120 - SCAT Shelter | 6 | \$11,568.51 | EA | \$69,411.06 | 8 | 4 | \$ | 46,274.04 | |
| 121 - Scat Shelter relocate | 2 | \$2,395.36 | EA | \$4,790.72 | | | \$ | - | |
| 122 - Trail Signs | 20 | \$843.82 | EA | \$16,876.40 | | | \$ | - | |
| 123 - Mile Markers | 8 | \$1,279.34 | EA | \$10,234.72 | | | \$ | - | |
| 124 - 10" Gate Valve Water | 1 | \$1,984.88 | EA | \$1,984.88 | | | \$ | 1,617.68 | |
| 125 - 12" Gate Valve Reclaim Wtr | 3 | \$2,176.51 | EA | \$6,529.53 | | | \$ | 5,321.57 | |
| 126 - 4" Sleeve for Future Connect. | 4917 | \$6.53 | LF | \$32,108.01 | | | \$ | 26,168.03 | |
| 127 - 6" DR-18 PVC Water Main | 10 | \$17.42 | LF | \$174.20 | | | \$ | 141.97 | |
| 128 - 10" DR-18 PVC Water Main | 134 | \$22.86 | LF | \$3,063.24 | | | \$ | 2,496.54 | |
| 129 - 12" DR-18 PVC Water Main | 180 | \$28.85 | LF | \$5,193.00 | | | \$ | 4,232.30 | |
| 130 - 6" DR-18 PVC Reclaim Water | 32 | \$16.33 | LF | \$522.56 | | | \$ | 425.89 | |
| 131 - 12" DR-18 PVC Reclaim Wtr | 1140 | \$28.85 | LF | \$32,889.00 | | | \$ | 26,804.54 | |
| 132 - 8" DR-18 PVC San Swr FM | 1049 | \$17.42 | LF | \$18,273.58 | | | \$ | 14,892.97 | |
| 133 - 10" DR_18 PVC San Swr FM | 48 | \$22.86 | LF | \$1,097.28 | | | \$ | 894.28 | |
| 134 - 12" DR-18 PVC San Swr FM | 917 | \$28.85 | LF | \$26,455.45 | | | \$ | 21,561.19 | |
| 135 - Cut & Connect to Exist 8" FM | 4 | \$1,895.60 | EA | \$7,582.40 | | | \$ | 6,179.66 | |
| 136 - Cut & Connect to Exist 10" FM | 2 | \$1,978.35 | EA | \$3,956.70 | | | \$ | 3,224.71 | |
| 137 - Cut & Connect to Exist 12" FM | 10 | \$2,120.98 | EA | \$21,209.80 | | | \$ | 17,285.99 | |
| 138 - 12"X 10" Tapping Sleeve WM | 1 | \$4,288.79 | EA | \$4,288.79 | | | \$ | 3,495.36 | |
| 139 - Relocate Existing Fire Hydrant | 1 | \$1,959.84 | EA | \$1,959.84 | | | \$ | 1,597.27 | |
| 140 - Cut & Connect to Exist 10" WM | 3 | \$1,978.35 | EA | \$5,935.05 | | | \$ | 4,837.06 | |
| 141 - Cut & Connect to Exist 12" WM | 8 | \$2,120.98 | EA | \$16,967.84 | | | \$ | 13,828.79 | |
| 142 - Cut & Connect to Exist 6" RWM | 2 | \$1,318.54 | EA | \$2,637.08 | | | \$ | 2,149.22 | |
| 143 - Cut & Connect to Exist 12" RWM | 2 | \$2,120.98 | EA | \$4,241.96 | | | \$ | 3,457.20 | |
| 144 - Directional Bore | 1874 | \$30.32 | LF | \$56,819.68 | | | \$ | 46,308.04 | |
| 145 - 12" Light Pole - Single Arm | 108 | \$4,518.53 | EA | \$488,001.24 | | | \$ | 397,721.01 | |
| 146 - 30' Light Pole- Single Arm | 55 | \$9,309.25 | EA | \$512,008.75 | 61 | \$ | \$ | 567,864.25 | Add 19 to the 55 light poles - error in original bid schedule |
| 147 - Conductor Insulated #6 | 53267 | \$0.93 | LF | \$49,538.31 | | | \$ | 40,373.72 | |
| 148 - Conductor Insulated #4 | 43030 | \$1.36 | LF | \$58,520.80 | | | \$ | 47,694.45 | |
| 149 - Conduit 2" PVC Schd 40 | 23874 | \$4.36 | LF | \$104,090.64 | | | \$ | 84,833.87 | |
| 150 - Elect Underground Srv | 2 | \$1,076.82 | AS | \$2,153.64 | | | \$ | 1,755.22 | |
| 151 - Load Center Secondary Voltage | 2 | \$7,485.51 | EA | \$14,971.02 | 4 | \$ | \$ | 12,201.38 | |
| 152 - Pull Boxes Road Side | 59 | \$342.97 | EA | \$20,235.23 | | | \$ | 16,491.71 | |
| 153 - Directional Bore 6" to 12" | 345 | \$45.73 | LF | \$15,776.85 | 3 locations | 1 location | \$ | 15,776.85 | |
| 154 - Conduit Signals F&I | 1420 | \$4.63 | LF | \$6,574.60 | 3 locations | 1 location | \$ | 6,574.60 | |
| 155 - Cable Signal Furnish & Install | 1 | \$6,913.89 | PI | \$6,913.89 | 3 locations | 1 location | \$ | 6,913.89 | |
| 156 - Pull & Junction Boxes F&I | 11 | \$560.73 | EA | \$6,168.03 | 3 locations | 1 location | \$ | 6,168.03 | |
| 157 - Signal Elect Power Service F&I | 1 | \$2,052.39 | AS | \$2,052.39 | 3 locations | 1 location | \$ | 2,052.39 | |
| 158 - Signal Elect Service Wire | 90 | \$1.36 | LF | \$122.40 | 3 locations | 1 location | \$ | 122.40 | |
| 159 - Aluminum Ped Signal Poles | 8 | \$952.70 | EA | \$7,621.60 | 3 locations | 1 location | \$ | 5,716.20 | 6 heads |
| 160 - Mast Arm - Single LU 36 F&I | 1 | \$25,369.07 | EA | \$25,369.07 | 3 locations | 1 location | \$ | 25,369.07 | 1 |
| 161 - Mast Arm - Single LU 60 F&I | 3 | \$33,916.16 | EA | \$101,748.48 | 3 locations | 1 location | \$ | 67,832.32 | 2 |
| 162 - Traffic Signal F&I 3 Section | 9 | \$1,061.58 | AS | \$9,554.22 | 3 locations | 1 location | \$ | 5,307.90 | 5 Heads |
| 163 - Traffic Signal F&I 5 Section | 4 | \$1,976.17 | AS | \$7,904.68 | 3 locations | 1 location | \$ | 1,976.17 | 1 Head |
| 164 - Ped Signal F&I Countdown | 8 | \$538.96 | AS | \$4,311.68 | 3 locations | 1 location | \$ | 3,233.76 | 6 Heads |
| 165 - Vehicle Detector F&I PreEmp | 4 | \$2,368.14 | EA | \$9,472.56 | 3 locations | 1 location | \$ | 7,104.42 | 3 |
| 166 - Vehicle Detector F&I Video | 4 | \$5,825.09 | EA | \$23,300.36 | 3 locations | 1 location | \$ | 17,475.27 | 3 |
| 167 - Ped Detector F&I Pole Mounted | 8 | \$168.76 | EA | \$1,350.08 | 3 locations | 1 location | \$ | 1,012.56 | 6 |
| 168 - Controller Assembly | 1 | \$27,192.81 | AS | \$27,192.81 | 3 locations | 1 location | \$ | 27,192.81 | 1 |
| 169 - Signal Head Traffic Assembly Removal | 8 | \$11.70 | EA | \$93.60 | | | \$ | | |
| 170 - Signal Pedestrian Assembly Removal | 8 | \$18.24 | EA | \$145.92 | | | \$ | | |
| 171 - Signal Pedestal Removal | 2 | \$108.88 | EA | \$217.76 | | | \$ | | |
| 172 - Pole Removal Shallow Bolt on Attach | 4 | \$1,633.20 | EA | \$6,532.80 | | | \$ | | |
| 173 - Controller Assembly Removal | 1 | \$489.96 | EA | \$489.96 | | | \$ | | |
| 174 - Detector Vehicle Assembly Remove | 4 | \$27.22 | EA | \$108.88 | | | \$ | | |

| | | | | | | | |
|----------------------------------------------------|---|---------------|------------|-------------|------------|------------------|---|
| 175 - Detector Ped Assembly Remove | 8 | \$10.89 EA | \$87.12 | | | | |
| 176 - Conduit & Cabling Removal | 1 | \$272.20 PI | \$272.20 | | | | |
| 177 - Signal Equip Misc Remove | 1 | \$280.37 PI | \$280.37 | | | | |
| 178 - Internal Illum Street Name Signs F&I | 4 | \$2,313.70 EA | \$9,254.80 | 3 locations | 1 location | \$ 6,941.10 | 3 |
| 179 - Sign Panel F&I 15 SF | 1 | \$408.30 EA | \$408.30 | 3 locations | 1 location | \$ 1,224.90 | 3 |
| Construction | | | | | | \$ 12,947,019.49 | |
| Construction (2013 bid x 1.025 multiplier to 2016) | | | | | | \$ 13,270,694.97 | |

| | | Rounded | |
|--------------------------------------------|-------------------------|-------------------------|-----------------------------------------------------|
| PD&E (6 years out) - 1.172 Factor x 7.5% | \$ 1,166,494.09 | \$ 1,175,000.00 | FAST Act - Not required if in existing right-of-way |
| Design (8 years out) - 1.242 Factor x 15% | \$ 2,472,330.47 | \$ 2,500,000.00 | |
| CEI (10 years out) - 1.322 Factor x 15% | \$ 2,631,578.81 | \$ 2,650,000.00 | |
| Construction (10 years out) - 1.322 Factor | \$ 17,543,858.73 | \$ 17,550,000.00 | |
| Stormwater Pond Sites | \$ 1,000,000.00 | \$ 1,000,000.00 | |
| Estimate (02/23/17) B Newman | \$ 24,814,262.10 | \$ 24,875,000.00 | |

ATTACHMENT D

2040 LRTP Sheet 3-5

GOALS, OBJECTIVES, PERFORMANCE MEASURES & TARGETS _____

2. IMPROVE ACCESSIBILITY AND MULTIMODAL CONNECTIVITY BY PROMOTING PROXIMITY TO JOBS AND EFFICIENT MOVEMENT OF FREIGHT AND GOODS

- 2.1 Maintain high level and quality of service on all facilities for all modes, and ensure equitable provisions of resources to transit, bicyclists, pedestrians, motorists, freight, and transportation disadvantaged.
- 2.2 Coordinate transportation projects with land use plans to maximize connectivity and efficiency of the transportation network to key destinations, such as employment centers, residential areas, and downtown business districts through coordination with land use.
- 2.3 Improve the multimodal mobility of residents, tourists and visitors through access improvements and connections to downtown business districts, beaches, employment centers, and other key destinations.

| | |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Measure: | System wide travel time and delay on significant corridors |
| Targets: | % reduction Vehicle Mille of Travel (VMT) per person % reduction in travel time per person % reduction in delay on regional roadway system % reduction delay on freight corridors % reduction in delay on evacuation corridors |

| Safety | Infrastructure Condition | Congestion Reduction | System Reliability | Freight Movement & Economic Vitality | Environmental Sustainability | Reduce Project Delivery Delays |
|-------------------------------------------------------------------------------------|--------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  | |  |  |  |  |  |

Sarasota County Needs & Costs

Roadway Projects

| Agency | From | To | Length/Width | Type | Project | Roll Cost (\$/ft/m) | Estimate (\$/ft/m) | Subtotal Bicyclist Project (\$/ft/m) | Project Mileage | Total Cost (\$/ft/m) | | |
|--------|-----------------------|-----------------------|------------------------|------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------|----------------------|------------|-----------|
| 1040 | Sarasota County ATIS | | | | | | | | | \$ 222 | | |
| | North-South Roadway A | SR 12 | 115 | 0 | 5.07 Miles | 4 Lane Roadway (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved | \$ 1,655 | \$ 1,648 | \$ 1,655 | \$ 17,201 | \$ 188,501 | |
| | Loop Rd | Franklin Rd | 0 | 1.21 Miles | Roadway - New Construction | 4 Lane Roadway (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved | \$ 1,715 | \$ 1,702 | \$ 1,715 | \$ 1,831 | \$ 21,141 | |
| | Feysay Rd | Franklin Rd | 0 | 3.8 Miles | Roadway - New Construction | 4 Lane Roadway (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved | \$ 1,715 | \$ 1,702 | \$ 1,715 | \$ 1,831 | \$ 21,141 | |
| | Walden Ranch | Communication Parkway | Franklin Rd | 0 | 4.81 Miles | 4 Lane Roadway (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved | \$ 1,715 | \$ 1,702 | \$ 1,715 | \$ 1,831 | \$ 21,141 | |
| | Palmas Beach Rd | SR 776 | Sarasota County/Polk | 0 | 3.02 Miles | 2 Lane Unimproved Roadway with 5' Sidewalk, 6' Bike Lane and 6' Curb & Gutter | \$ 1,923 | \$ 1,912 | \$ 1,923 | \$ 1,995 | \$ 17,221 | |
| | Palmas Beach Rd | Sarasota County/Polk | Franklin Rd | 0 | 3.68 Miles | 4 Lane Roadway (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter | \$ 1,423 | \$ 1,412 | \$ 1,423 | \$ 1,495 | \$ 13,351 | |
| | University Road | University Hwy | Franklin Rd | 0 | 2.85 Miles | 4 Lane Roadway (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved | \$ 1,715 | \$ 1,702 | \$ 1,715 | \$ 1,831 | \$ 21,141 | |
| | Gregory Trail Road | North-South Roadway A | Franklin Rd | 0 | 5 Miles | 4 Lane Roadway (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved | \$ 1,715 | \$ 1,702 | \$ 1,715 | \$ 1,831 | \$ 21,141 | |
| | 17th St | Turkey Ave | Franklin Rd | 2 | 1.62 Miles | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,641 | \$ 1,632 | \$ 1,641 | \$ 1,723 | \$ 15,211 | |
| | See Ridge Estero | See Ridge Rd | SR 12 | 2 | 2.92 Miles | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,675 | \$ 1,667 | \$ 1,675 | \$ 1,757 | \$ 15,621 | |
| | See Ridge Rd | SR 12 | 1 | 1.41 Miles | Roadway - Widening | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,641 | \$ 1,632 | \$ 1,641 | \$ 1,723 | \$ 15,211 | |
| | See Ridge Rd | South Sea Rd | See Ridge Rd extension | 2 | 6.85 Miles | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,651 | \$ 1,642 | \$ 1,651 | \$ 1,733 | \$ 15,321 | |
| | Callahan Rd | Franklin Rd | Franklin Blvd | 2 | 1.64 Miles | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,675 | \$ 1,667 | \$ 1,675 | \$ 1,757 | \$ 15,621 | |
| | Devon Rd | SR 331 | University Hwy | 2 | 1.27 Miles | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,651 | \$ 1,642 | \$ 1,651 | \$ 1,733 | \$ 15,321 | |
| | Franklin Rd | University Hwy | Franklin Blvd | 2 | 1.29 Miles | Roadway - Widening | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,675 | \$ 1,667 | \$ 1,675 | \$ 1,757 | \$ 15,621 |
| 1041 | Horace Ave | University Parkway | Franklin Rd | 2 | 3.09 Miles | Roadway - Widening | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,651 | \$ 1,642 | \$ 1,651 | \$ 1,733 | \$ 15,321 |
| | Sara Rd | Palma Blvd | See Ridge Rd | 2 | 1.85 Miles | Roadway - Widening | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,651 | \$ 1,642 | \$ 1,651 | \$ 1,733 | \$ 15,321 |
| | Johns Rd Blvd | Central Rd E | Franklin Rd | 2 | 1.1 Miles | Roadway - Widening | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,675 | \$ 1,667 | \$ 1,675 | \$ 1,757 | \$ 15,621 |
| | North Rd | Franklin Rd | Franklin Blvd | 2 | 1.57 Miles | Roadway - Widening | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,675 | \$ 1,667 | \$ 1,675 | \$ 1,757 | \$ 15,621 |
| | Highway Rd | Franklin Rd | Franklin Blvd | 2 | 1.02 Miles | Roadway - Widening | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,675 | \$ 1,667 | \$ 1,675 | \$ 1,757 | \$ 15,621 |
| | Highway Rd | Franklin Rd | US 41/US 90/US 1 | 2 | 5.82 Miles | Roadway - Widening | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,675 | \$ 1,667 | \$ 1,675 | \$ 1,757 | \$ 15,621 |
| | Franklin Rd | Franklin Ave | Central Rd | 2 | 1.43 Miles | Roadway - Widening | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,675 | \$ 1,667 | \$ 1,675 | \$ 1,757 | \$ 15,621 |
| | Franklin Blvd | Highway Blvd | Franklin Blvd | 2 | 1.8 Miles | Roadway - Widening | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,675 | \$ 1,667 | \$ 1,675 | \$ 1,757 | \$ 15,621 |
| | Franklin Blvd | Highway Blvd | University | 2 | 1.7 Miles | Roadway - Widening | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,675 | \$ 1,667 | \$ 1,675 | \$ 1,757 | \$ 15,621 |
| 1042 | Franklin Blvd | University | Franklin Blvd | 2 | 1.5 Miles | Roadway - Widening | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,675 | \$ 1,667 | \$ 1,675 | \$ 1,757 | \$ 15,621 |
| | Franklin Blvd | University | Franklin Blvd | 2 | 2.5 Miles | Roadway - Widening | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,675 | \$ 1,667 | \$ 1,675 | \$ 1,757 | \$ 15,621 |
| 1043 | Franklin Rd | US 41 | Franklin Blvd | 2 | 1.4 Miles | Roadway - Widening | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,675 | \$ 1,667 | \$ 1,675 | \$ 1,757 | \$ 15,621 |
| 1044 | Franklin Rd | Franklin Blvd | Central Rd | 2 | 1.3 Miles | Roadway - Widening | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,675 | \$ 1,667 | \$ 1,675 | \$ 1,757 | \$ 15,621 |
| 1045 | Franklin Rd | Franklin Blvd | Franklin Blvd | 2 | 2.39 Miles | Roadway - Widening | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,675 | \$ 1,667 | \$ 1,675 | \$ 1,757 | \$ 15,621 |
| | Franklin Rd | Franklin Blvd | US 41/US 90/US 1 | 2 | 0.95 Miles | Roadway - Widening | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,675 | \$ 1,667 | \$ 1,675 | \$ 1,757 | \$ 15,621 |
| | Franklin Blvd | Franklin Blvd | Franklin Blvd | 2 | 0.56 Miles | Roadway - Widening | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,675 | \$ 1,667 | \$ 1,675 | \$ 1,757 | \$ 15,621 |
| | US 41/Tampa Tr | Franklin Blvd | Franklin Blvd | 4 | 8.5 Miles | Roadway - Widening | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,675 | \$ 1,667 | \$ 1,675 | \$ 1,757 | \$ 15,621 |
| | US 41/Tampa Tr | Franklin Blvd | Franklin Blvd | 4 | 12.56 Miles | Roadway - Widening | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,675 | \$ 1,667 | \$ 1,675 | \$ 1,757 | \$ 15,621 |
| | US 41/Gulfstream | | | | | Roadway - Widening | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,675 | \$ 1,667 | \$ 1,675 | \$ 1,757 | \$ 15,621 |
| | Franklin Ave | Franklin Blvd | Franklin Blvd | 2 | 2.45 Miles | Roadway - Widening | 4 Lane Roadway to 4 Lanes (Strong Design Speed) with 5' Sidewalk, 6.5' Bike Lane, and 6' Curb & Gutter with 4' Back Shoulder Paved (includes milling and resurfacing of existing pavement) | \$ 1,675 | \$ 1,667 | \$ 1,675 | \$ 1,757 | \$ 15,621 |

Bike / Pedestrian / Trails Projects

| Agency | From | To | Length/Width | Type | Project | Roll Cost (\$/ft/m) | Estimate (\$/ft/m) | Subtotal Bicyclist Project (\$/ft/m) | Project Mileage | Total Cost (\$/ft/m) |
|--------|--------------------------------------|-----------------|--------------|------|--------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------|--------------------------------------|-----------------|----------------------|
| 104 | Myrtle St Bypass | Sarasota County | | | Roadway reconstruction, bike lanes, additional sidewalks on both side and storm water improvements. | \$ 1,050 | \$ 1,040 | \$ 1,050 | 0.25 | \$ 2,100 |
| 105 | Sarasota Trail from Key Station | Sarasota | | | Trail from Key Station to end of Key Station to Waterfront Drive. | \$ 1,050 | \$ 1,040 | \$ 1,050 | 0.50 | \$ 5,250 |
| 106 | Orange Drive Bicycle Lanes | North Port | | | Orange Drive bicycle lanes from Byron Dr. to Palace on Leon with connection to existing bicycle lanes at Palace on Leon. | \$ 1,050 | \$ 1,040 | \$ 1,050 | 0.50 | \$ 5,250 |
| 107 | Orange Park Trail and Regional Trail | Sarasota County | | | Design and construct a 10.4 mile multi-use trail connecting Legacy Trails Orange Park. | \$ 1,600 | \$ 1,590 | \$ 1,600 | 0.60 | \$ 9,600 |
| 108 | Palmer Rd Bypass | Sarasota County | | | Design and construct a bypass on the north side of Palmer Road from Highway Avenue to Highway Blvd. | \$ 1,600 | \$ 1,590 | \$ 1,600 | 0.60 | \$ 9,600 |
| | Deer Area Bypass Phase 1a | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |
| | Deer Area Bypass Phase 1b | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |
| | Deer Area Bypass Phase 1c | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |
| | Deer Area Bypass Phase 1d | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |
| | Deer Area Bypass Phase 1e | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |
| | Deer Area Bypass Phase 1f | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |
| | Deer Area Bypass Phase 1g | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |
| | Deer Area Bypass Phase 1h | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |
| | Deer Area Bypass Phase 1i | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |
| | Deer Area Bypass Phase 1j | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |
| | Deer Area Bypass Phase 1k | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |
| | Deer Area Bypass Phase 1l | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |
| | Deer Area Bypass Phase 1m | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |
| | Deer Area Bypass Phase 1n | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |
| | Deer Area Bypass Phase 1o | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |
| | Deer Area Bypass Phase 1p | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |
| | Deer Area Bypass Phase 1q | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |
| | Deer Area Bypass Phase 1r | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |
| | Deer Area Bypass Phase 1s | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |
| | Deer Area Bypass Phase 1t | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |
| | Deer Area Bypass Phase 1u | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |
| | Deer Area Bypass Phase 1v | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |
| | Deer Area Bypass Phase 1w | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |
| | Deer Area Bypass Phase 1x | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |
| | Deer Area Bypass Phase 1y | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |
| | Deer Area Bypass Phase 1z | Sarasota County | | | Construct bypass on Deer Area (east of Lockwood Ridge) | \$ 1,025 | \$ 1,015 | \$ 1,025 | 0.20 | \$ 2,050 |

ATTACHMENT E

Item #8 - Permits

(from 2009 Price Boulevard Corridor Study)

bales, and other construction techniques approved by the regulatory agencies. Final determination for an EFH evaluation will be made by the NMFS during the permit process.

6.0 PERMITTING AND REGULATORY REQUIREMENTS

Impacts to wetlands and hydric-cut aquatic features associated with the proposed improvements to Price Boulevard appear imminent. Both state and federal entities will require permits for impacts to wetlands within the project corridor (Table II). Other permitting agencies involved in the review will include state and federal wildlife agencies and the Division of Historical Resources. It is anticipated that wetlands, wildlife, and cultural resources will be coordinated through the following agencies:

- Southwest Florida Water Management District (SWFWMD)
- U.S. Army Corps of Engineers (USACE)
- Florida Department of Environmental Protection (FDEP)
- Florida Fish and Wildlife Conservation Commission (FWC)
- U.S. Fish and Wildlife Service (USFWS)
- NOAA - National Marine Fisheries Service (NMFS)
- Florida Division of Historical Resources

| | |
|------------------------------------------------|----------------------------------------------|
| U.S. Army Corps of Engineers | Section 404, Dredge and Fill Permit |
| Southwest Florida Water Management District | Individual Permit (Chapter 40D-4, F.A.C.) |
| Florida Department of Environmental Protection | Rule 62-621.300(4), F.A.C; SSL Determination |
| U.S. Fish and Wildlife Service | TBD |

6.1 SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

Permitting related to impacts within jurisdictional wetlands will be addressed through the SWFWMD Sarasota Service Office. Jurisdictional boundaries of wetlands, hydric-cut aquatic features, and other surface water features will need to be established pursuant to Chapter 62-340 F.A.C., Part IV, Chapter 373, F.S. Establishment and survey of seasonal high water elevations will also be required. Preliminary Unified Mitigation Assessment Methodology (UMAM) was conducted for wetlands with the potential to be impacted during construction. Impacts will be designated as forested, herbaceous, or open water for mitigation purposes.

A determination of final impact acreages within the project ROW will be required to complete the UMAM. Estimated impacts for the entire project approximate 2.00 acres; however, the project may be constructed in phases. Proposed impact acreage estimated by phase includes:

- Phase 1 – 100’ foot ROW – center alignment – 0.67 acres
- Phase 2 – 120’ foot ROW – north alignment – 0.60 acres
- Phase 3 – 120’ foot ROW – north alignment – 0.134 acres
- Phase 4 – 120’ foot ROW – north/center alignment – 0.60 acres

The District issues three types of ERPs depending on the proposed impact: individual, general and noticed general permits. Assuming that all phases are constructed, and that impacts along the corridor are not eliminated or minimized (less than one acre) an Environmental Resource Permit (ERP) application for an Individual permit will be necessary for this project. Governing Board action is required for all individual permits. The application fee for Individual Permit (as of January 2009) is \$2,500.00.

6.2 U.S. ARMY CORPS OF ENGINEERS

Permit requirements related to the dredge or discharge of fill into "Waters of the United States" will be addressed through the Section 404, Dredge and Fill Permit process. Issues related to work on structures constructed in navigable waters will be regulated under Sections 9 and 10 of the Rivers and Harbors Act of 1899 and will require a Department of the Army (DA) permit. Permit coordination for this project will occur through the Tampa Regulatory Office.

As part of the DA permit process, establishment the landward extent of federally jurisdictional wetlands, and hydric-cut aquatic features will be established in accordance with the routine methodology described in the Chapter 62-340, FAC, *Delineation of the Landward Extent of Wetlands and Surface Waters*, and the *Atlantic and Gulf Coastal Plain Interim Regional Supplement to the 1987 Wetland Delineation Manual* of the U.S. Army Corps of Engineers (USACE). The USACE will require completion of Rapanos forms (as of June 2007) which requires a detailed assessment of all wetland and OSW connections with navigable waterways. Review of all applications for DA permits will require consideration of the project in terms of public interest, effects on wetlands, fish and wildlife, and water quality, as well as consideration of historical, cultural, scenic and recreational resources. Mitigation will be required for impacts to jurisdictional wetlands. Due to the estimated acreage of impact (2.00 acres) associated with the proposed alignment, this project will not qualify for Nationwide Permit #14 established for Linear Transportation Projects. Should wetland impacts be minimized during the design phase, use of NWP#14 should be reconsidered.

6.3 WETLAND MITIGATION

It is anticipated that unavoidable wetland impacts will occur as a result of the proposed road widening. However, the quality of the project wetlands has been compromised by adjacency to the existing roadway and disturbance associated with construction of the roadway, ditching, development of residential and commercial infrastructure, and invasion by nuisance and exotic vegetation. Wetlands and aquatic features will be evaluated for mitigation requirements as part of the ERP and Section 404 permit process, with the exception of non-jurisdictional OSW features and roadside swales. Mitigation will be required pursuant to S.373.4137 Florida Statutes (F.S.) Part IV, Chapter 373, F.S. and 33 U.S.C.s, 1344. Final determination of jurisdictional wetland areas and mitigation requirements will occur during the design phase of the project.

The Price Boulevard corridor lies entirely within the SWFWMD designated Lower Myakka River Basin (LMRB) of the Myakka River Watershed. Mitigation for unavoidable wetland impacts associated with Price Boulevard will be restricted to this basin. On-site mitigation is an option. The cost of on-site mitigation will include land acquisition, design and permitting, survey and construction, planting and monitoring, and long-term management and maintenance. Private mitigation banks and municipal Regional Off-site Mitigation Area (ROMA) facilities may offer regionally significant alternatives to on-site mitigation. Currently, one private mitigation bank exists within the LMRB. The Myakka River Mitigation Bank is located in eastern Sarasota County. As of August 2008, both forested and herbaceous credits were available at the bank. The current cost per credit included freshwater forested = \$135,000/credit and herbaceous = \$95,000/credit. Finally, Sarasota County Road Program currently manages and operates the Myakka River ROMA for municipal infrastructure projects occurring within the LMRB. The project is permitted, but construction has not yet begun. However, the permit is phased, and an initial credit release was approved by the SWFWMD following the issuance of the conservation easement. Price per credit will need to be coordinated directly with Sarasota County Road Program environmental staff.

6.4 FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Authorization is required for any construction activity over Sovereign Submerged Lands (SSL). The FDEP regulates SSL issues. The water management districts have been delegated the authority to take action on most authorizations, and the issue of SSL is addressed as part of the ERP process. The extent of SSL authorizations are dependent upon the type of activity being proposed. Minimal encroachment into SSL may be considered a "deminimus" (Chapter 373.406, F.S.) activity and may qualify for a Consent of Use (Chapter 18-21.005, F.A.C.). A request for a Sovereign Submerged Lands Determination was submitted to the FDEP. The response was received December 11, 2008. Current state records contain insufficient information to determine ownership of the run to Little Salt Spring, Big Slough, Cocoplum Canal, or any of the other stream, canals or wetlands within the impact area of the proposed project. Therefore, at this time, the proprietary requirements that normally apply to state owned lands should not be applied to these water features (**Appendix C**).

In addition to SSL issues, the FDEP will regulate pollutant discharged associated with construction of the project. The U.S. Environmental Protection Agency (EPA) delegates authority to the FDEP to implement the National Pollutant Discharge Elimination System (NPDES) stormwater permitting program in the State of Florida. A NPDES stormwater permit will be required along with an appropriate Stormwater Pollution Prevention Plan. The program is designed to minimize erosion and sedimentation and regulate discharges of stormwater run-off. Per DEP Rule 62-621.300(4), F.A.C., a *Generic Permit for Stormwater Discharge from Construction Activities that Disturb Five or More Acres of Land* (CGP) (DEP Document 62-621.300(4)(a)) will be required.

6.5 FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION (FWC)

Coordination with the FWC will be required if state protected wildlife, such as the gopher tortoise, the Florida scrub jay, the Eastern indigo snake, the gopher frog or the Sherman's fox squirrel are identified within the project corridor. Many of these species are also protected under federal guidelines and will be reviewed during the federal permit process.

The gopher tortoise is listed as threatened by the FWC, but it is not federally listed. The gopher tortoise occupies a variety of plant communities, preferably habitats with well-drained sandy soils and suitable herbaceous forage. Appropriate habitat for the gopher tortoise is present along segments of the corridor; however, no tortoises or tortoise burrows were observed during the 2008 field surveys. If the gopher tortoise or tortoise burrows are identified during construction, the City of North Port will need to notify the FWC in order to mitigate for any impacts to this species. According to the guidelines (September 2007), this will require coordination for a relocation permit.

6.6 U.S. FISH AND WILDLIFE SERVICE

The USFWS will review this project as part of the federal permit process and will make a determination of the project effects on federally threatened species. Coordination for federally listed wildlife will occur out of the USFWS, Vero Beach Service Office. Federally protected wildlife with potential to occur along the project corridor includes the Eastern indigo snake, crested caracara, Florida scrub jay, and the wood stork. Formal species surveys may be required where suitable habitat exists.

According to the USFWS 2007 survey data, the Florida scrub-jay is present within the vicinity of the Price Boulevard study corridor and occupied scrub habitat is possible along Big Slough. Formal surveys will be required to determine the presence or absence of this species. Formal surveys are required to be conducted according to the Florida Scrub-Jay General Survey Guidelines and Protocols established by the USFWS.

The USFWS oversees permitting issues associated with the Florida scrub-jay through the authority of the Endangered Species Act. Impacts to occupied scrub-jay habitat will be considered a "take". The level of "take" (if any) will need to be established as part of the USACE federal permit process through coordination with the USFWS. An incidental take permit may be necessary if scrub-jays are deemed present in the area. This permit is required to allow the lawful "take" of habitat occupied by a federally protected species. An incidental take permit requires consultation with the USFWS.

6.7 NOAA - NATIONAL MARINE FISHERIES SERVICE (NMFS)

Coordination associated with Essential Fish Habitat (EFH) is through the NOAA National Marine Fisheries Service (NMFS) office in St. Petersburg, Florida. The NMFS office was contacted to discuss potential impacts associated with this project. EFH consultation is not likely to be required for this project unless a tidal influence is determined to be associated with the existing aquatic features. Regulation by this agency (if any) would involve Best Management Practices such as phased construction, turbidity barriers, silt screens, hay bales, and other construction techniques approved by the regulatory agencies.

6.8 FLORIDA DIVISION OF HISTORICAL RESOURCES

Coordination with the Division of Historical Resources will be required to solicit comments regarding whether the activities associated with the proposed project will adversely affect significant historical or archaeological resources. Impacts to historical or archaeological resources will be considered as part of the state and federal permit process. As part of the determination process, an archaeological survey performed by a qualified professional approved by the Florida Archeology Council or the Division of Historical Resources will be required. Additionally, the applicant may be required to develop and implement a plan to demarcate and protect significant historical and archaeological resources reasonably expected to be impacted by the project. As part of the review of the Price Boulevard project, Mr. Steve Koski, staff Archeologist at the Little Salt Springs University of Miami research facility was solicited for information on the archeological remains near the project corridor. Mr. Koski expressed concern regarding impacts to possible remains in the area and about further deterioration of water quality as part of the road expansion.

ATTACHMENT F

Item #9 - Wetlands

(from 2009 Price Boulevard Corridor Study)

3.1 WETLANDS AND SURFACE WATERS

The study corridor was assessed for jurisdictional wetlands, aquatic features, upland excavated ditches, and roadside swales. Wetland resources within the project study area were initially identified through the review of aerial photography (Aerials Express 2006). Subsequent to this review, field reconnaissance was conducted on August 24 and 29, 2007, during which each wetland was individually classified and characterized in accordance with the FLUCFCS, and the U.S. Fish and Wildlife Service's National Wetlands Inventory habitat classification system (NWI).

Wetland boundaries were visually approximated using the US Army Corps of Engineers (USACE) 1987 Wetland Delineation procedure, and the criteria identified in Chapter 62-340, Florida Administrative Code (F.A.C.). The Uniform Mitigation Assessment Methodology (UMAM) was performed on each wetland with the potential to be impacted, and a grouped UMAM was performed for the hydric-cut aquatic features (**Appendix A**). UMAM was not conducted for the upland excavated ditches or man-made swales. The wetland systems found within the actual right-of-way exhibited moderate-low UMAM value. The aquatic features have been subject of extensive hydrological alterations.

Five (5) wetlands, eleven (11) hydric-cut aquatic features, and five (5) upland-excavated drainage ditches were observed, classified, and/or documented within or immediately adjacent to the Price Boulevard study corridor. An extensive series of maintained, vegetated swales and shallow retention areas were also observed along the entire length of the corridor. The majority of the swales function to divert stormwater run-off to aquatic features and ditches. The majority of the corridor's aquatic features extend through historically hydric soils. These man-altered areas will receive greater scrutiny during the permit process due to their historic nature and existing ecologic value. Habitat within these systems varied depending on maintenance practices. The upland-excavated ditches were largely open water features with deeply incised slopes. Vegetation along the banks ranged from mowed turf grass to overgrown Brazilian pepper fringe. The man-made vegetated swales parallel to Price Boulevard were regularly maintained features dominated by turf grass and connected by culverts.

In general, the wetlands and aquatic features along the Price Boulevard corridor may be grouped into five NWI categories:

- Palustrine emergent wetlands with persistent vegetation (PEM1)
- Lower perennial, open water riverine wetlands (R2EM)
- Palustrine forested broad leaved evergreen seasonally flooded (PFO3)
- Excavated palustrine open water wetlands with permanent hydrology (POWHx) with Palustrine emergent wetlands with persistent vegetation (PEM1) and Palustrine shrub-scrub broad leaved evergreen (PSS3) component

3.1.1 Palustrine emergent wetlands with persistent vegetation (PEM1)

Two PEM1 wetlands encroach into the Price Boulevard right-of-way. The western-most wetland is located at the Little Salt Spring Research Facility, and extends along the north and south side of Price Boulevard. The system is slightly brackish, and is a remnant feature of a historically contiguous slough. The natural drainage of this system is to the spring to the south, which drains through a natural spring run to a series of excavated ditches. These ditches discharge to Big Slough and ultimately, the Myakka River. Vegetation within this system is periodically maintained. Vegetation to the south is moderate quality and includes soft rush (*Juncus effuses*), wax myrtle, sawgrass (*Cladium jamaicense*), and Brazilian pepper. The area is bordered by mesic hammock. Vegetation along the edge of the system to the north of the Price

Boulevard right-of-way is dominated by Brazilian pepper. Though maintained regularly, this area also contains herbaceous wetland vegetation consisting of saw grass, soft rush, and torpedo grass.



**Emergent Wetland
North Right-of-Way at Little Salt Spring Facility**

The second PEM1 wetland system is located along the north side of the corridor east of Sumter Boulevard. This isolated, herbaceous wetland/prairie marsh system encroaches into the right-of-way north of the existing sidewalk. This wetland is of moderate to high quality. The vegetation consists of swamp lily (*Crimum* sp.), pickerelweed (*Pontederia cordata*), tickseed (*Coreopsis* sp.), milkweed (*Asclepias lanceolata*), morning-glory (*Ipomoea* sp.), buttonweed (*Diodia virginiana*), peppervine (*Ampelopsis arborea*), cattails, and prairie grasses and sedges such as foxtail (*Setaria* sp.), bluestem (*Andropogon* spp.), and torpedograss. Chinese tallow sprouts (*Sapium sebiferum*) and Carolina willow are present along the edges. Impacts to this system are anticipated to be minimal.



Prairie Meadow Wetland NE of Sumter Boulevard

3.1.2 Lower perennial, open water riverine wetlands (R2OW)

Big Slough has been characterized as a lower perennial riverine system (R20WH). Big Slough is a historically natural slough. A water feature flowing parallel to the slough appears to have been excavated through flatwoods soils (Eau Gallie and Myakka fine sands). Both systems connect and eventually drain to the Myakka River, an Outstanding Florida Waterway.

Price Boulevard roadside swales drain into Big Slough at its bridge crossing. Just to the north of Price Blvd. is a recently constructed pedestrian bridge. Soil disturbance associated with the construction

of this bridge is evident. Vegetation within the Price Blvd. right-of-way consists of predominantly nuisance disturbance herbaceous species and shrubs. Vegetation includes Brazilian pepper, alligatorweed (*Alternanthera philoxeroides*), bermudagrass (*Cynodon dactylon*), caesarweed, primrosewillow, and hairy indigo (*Indigofera hirsuta*). The area shows signs of sedimentation and water quality degradation.



Big Slough within Price Boulevard Right-of-Way

3.1.3 Excavated palustrine open water wetland - permanent hydrology (POWHx)

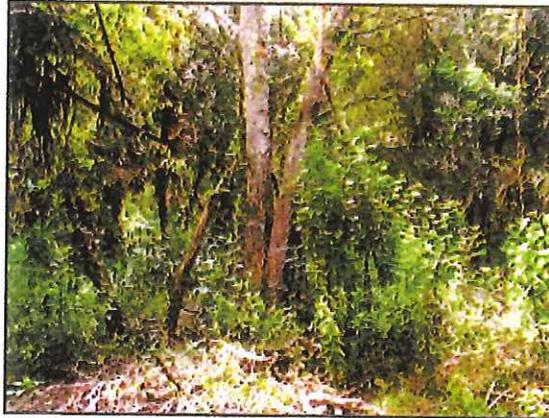
Eleven (11) hydric-cut aquatic features intercept the Price Boulevard right-of-way. In general, these excavated features flow southwest and appear to be part of historic sloughs or wetlands. Many of these water features exhibit poor water quality near the roadway structures including rust from culverts, oil sheen from vehicles, and prolific invasive species such as cattails and primrose willow. The majority of these features contain large areas of open water. Many contain vegetated slopes and littoral zones. The littoral zone community varies with depth of excavation within these systems. Typical vegetation includes torpedo grass, pickerelweed (*Pontederia cordata*), cattails, arrowhead (*Sagittaria latifolia*), primrose willow, Brazilian pepper, smartweed (*Polygonum* sp.), maidencane (*Panicum hemitomon*) and water lettuce (*Pistia Stratiotes*). Perimeter (buffer) vegetation include cabbage palm hammocks, mesic hammock and pine flatwoods.



Hydric-Cut Aquatic Features along Price Boulevard

3.1.4 Palustrine forested broad leaved deciduous seasonally flooded (PFO1c)

One forested wetland system was identified just east of Sumter Boulevard on the south side of Price Boulevard. This wetland appears to be part of an isolated system within a predominantly flatwoods landscape. Its NWI classification is Palustrine Forested Broad-Leaved Deciduous and Evergreen, Seasonally Flooded (PFO1/2C). The dominant vegetation includes a canopy of laurel oak and cabbage palm with a significant understory of Brazilian pepper and other disturbance species. The minimal groundcover includes caesarweed, arrow-head, and peppervine. The portion of this wetland encroaching into the Price Boulevard right-of-way has been maintained and contains a dominance of wetland forbs and sedges. Impacts to this system are anticipated to be minimal.



Forested Wetland Southeast of Sumter Boulevard

3.1.5 Special Waters

There are no special waters identified within the Price Boulevard corridor. Drainage associated with the area ultimately discharges to the Myakka River which is designated as Class III waters, a Florida Wild and Scenic River and an Outstanding Florida Water (OFW).

4.0 SOILS

According to data generated from the 2006 United States Department of Agriculture (USDA) Natural Resource Conservation Service (NRCS) website, the majority of the soils within the project corridor are classified as hydric. The Sarasota County, Florida soil survey (1991), as developed by the Soil Conservation Service (SCS), was used to obtain information on the general soil characteristics of soils mapped along the project corridor. This source may not always reflect the current conditions of the area, particularly if recent development has modified drainage patterns in the area, as may be the case along the Price Boulevard corridor.

According to the soil survey (1991), thirteen soil types have been identified within the right-of-way limits. Ten of the soils intercept the Price Boulevard right-of-way corridor and are characterized by the NRCS as hydric. These soils are classified as nearly level, very poorly to poorly drained, sandy soils. Three soil types mapped along the corridor are identified as non-hydric, upland soils. The predominant soils within the study corridor include **EauGallie and Myakka fine sands (10)**, **Holopaw fine sand, depressional (22)**, and **Pineda fine sand (31)**. The soil types mapped within the limits of the project are described below and are shown in **Figure 6**. A map depicting hydric soils is provided as **Figure 7**.



City of North Port

PRICE BOULEVARD
 from Biscayne Drive to Orlando Boulevard
CORRIDOR STUDY
 Sarasota County, Florida

PROTECTED HABITAT MAP
 (Segment One - West)



- Potential Scrub
- Potential Mesic Hammock
- Man-Made Ditch (Upland)
- Approx. Wetland
- Price Boulevard

Figure 2

ATTACHMENT G

Item #10 – Endangered Species

(from 2009 Price Boulevard Corridor Study)

- **Pogle fine sand (36)** is often associated with low hammocks and poorly defined drainageways and broad sloughs. The soil type is neither flooded nor ponded. Soil saturation is found within six inches for approximately five months each year. The ecological community associated with this soil type is cabbage palm flatwoods.

5.0 WILDLIFE

The Price Boulevard corridor was evaluated with regard to potential impacts posed to threatened and endangered wildlife and wildlife species of special concern. The majority of the Price Boulevard right-of-way is maintained turf grass and herbaceous swales. Habitat patches, both upland and wetland, with the potential to support wildlife exist adjacent to the ROW and in certain instances, encroach slightly into the ROW. Some of these areas have moderate functional value; most have been compromised by fragmentation, proximity to the roadway, and encroachment of nuisance and exotic vegetation. Both federal and state listed wildlife have been documented in proximity to the Price Boulevard corridor.

The corridor extends through several U.S. Fish and Wildlife Service (USFWS) Wildlife Consultation Areas as shown in *Figure 8*. Specifically, the USFWS identifies consultation areas for the Florida grasshopper sparrow (*Ammodramus savannarum floridanus*), the crested caracara (*Caracara cheriway*), and the Florida scrub-jay. To account for this, the immediate area was assessed for habitat known to support wildlife identified by the USFWS mapping. Wildlife suggested by the USFWS consultation area boundaries were not observed during visits to the project corridor.

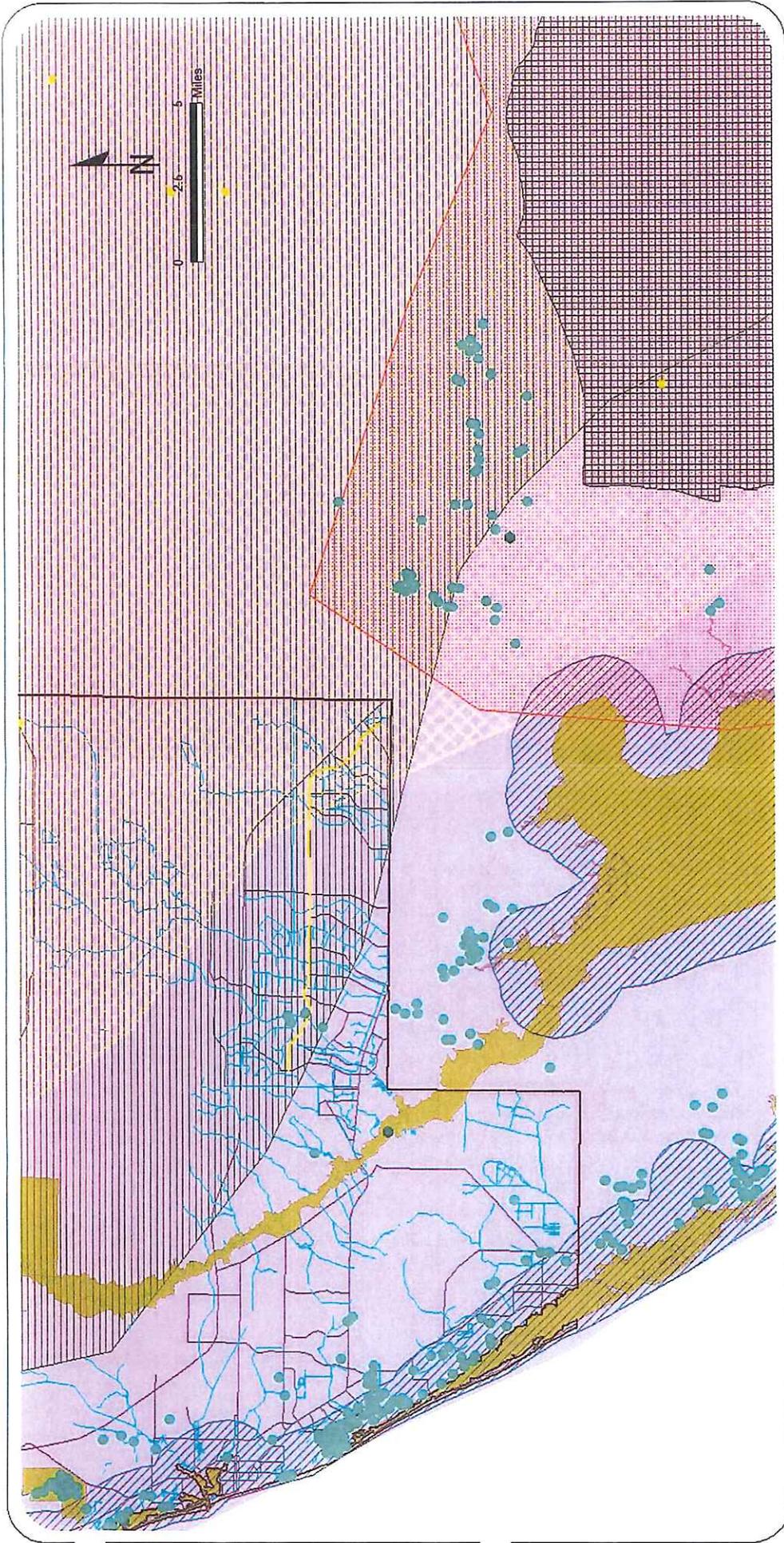
The Florida Natural Areas Inventory (FNAI) was also contacted for information on element occurrences documented within or in proximity to the Price Boulevard corridor. A standard data report was generated describing the FNAI database findings. This report is included as **Appendix B**. According to the report, wildlife observations documented recently within the vicinity of the project corridor included the wood stork (*Mycteria americana*), the bald eagle (*Haliaeetus leucocephalus*), and the Florida scrub jay; however, wildlife was not observed during visits to the project site. **Table I** summarizes the reports findings with regard to wildlife potential to occur within the project area.

5.1 FLORIDA GRASSHOPPER SPARROW

The Florida grasshopper sparrow consultation area encompasses the entire project corridor. The grasshopper sparrow is listed as endangered by both the USFWS and the Florida Fish and Wildlife Conservation Commission (FWC). The grasshopper sparrow prefers open, dry prairie habitat with sparse clusters of saw palmetto and native prairie grasses. These areas must be maintained by fire at a frequency sufficient to create an open landscape. Managed, dry prairie habitat necessary to support the grasshopper sparrow was not identified in the study corridor. In addition, the grasshopper sparrow has not been documented in this area. Due to the lack of suitable habitat, occurrence of this species is not anticipated along the Price Boulevard corridor.

5.2 AUDUBON'S CRESTED CARACARA

The crested caracara consultation area covers the eastern third of the Price Boulevard corridor. This species is listed as threatened by the USFWS and the FWC. The caracara prefers dry or wet prairie with scattered cabbage palm or sparsely wooded areas. The caracara is believed to occasionally use improved pasture adjacent to wetlands. The caracara generally nests in cabbage palms within open areas containing occasional shrubs and palmetto. Although cabbage palm flatwoods exist throughout the study corridor, these areas appear overgrown and are not believed to support the habitat preference of the caracara. Caracara sightings occurred northeast of the study corridor during the early 1990's. Due to the lack of suitable habitat, occurrence of this species is not anticipated along the Price Boulevard corridor.



City of North Port

PRICE BOULEVARD
 from Biscayne Drive to Orlando Boulevard
CORRIDOR STUDY
 Sarasota County, Florida

Wildlife Map

Figure 8

Legend:

- County Line
- Price Boulevard
- Florida Scrub Jay
- Woodstork Rookery
- 2005 Eagle Nest
- Crested Caracara
- RCW Consultation Area
- Manatee Consultation Area
- Panther Focus Area
- Caracara Consultation Area
- Grasshopper Sparrow Consultation Area
- Outstanding Florida Water
- Stream
- Sarasota Roads
- Scrub-jay Consultation Area

Table 1- POTENTIAL LISTED SPECIES

| Common Name | Designated Status | | Habitat Preference | Potential Occurrence | Habitat Present | Element Occurrence |
|-----------------------------------------------------------------|-------------------|-----|-----------------------------------------------------------|----------------------|-----------------|--------------------|
| | FWS | FWC | | | | |
| AVIAN | | | | | | |
| Bachman's Sparrow <i>Aimophila aestivalis</i> | N | N | Oaks and pines bordering shrubby, overgrown fields | Minimal | N | N |
| Florida Burrowing Owl <i>Athene cunicularia Floridana</i> | N | LS | Open prairies, sand hills, farm land | Minimal | Y | N |
| Florida Sandhill Crane <i>Grus canadensis pratensis</i> | N | LT | Wet prairies, marshy lake bottoms | Minimal | Y | N |
| Bald Eagle <i>Haliaeetus leucocephalus</i> | LT, PDL | LT | Close to large water bodies, habitat can be variable | Moderate | Y | Y |
| Wood Stork <i>Mycteria americana</i> | LE | LE | Woody vegetation over standing shallow water | Moderate | Y | Y |
| MAMMAL | | | | | | |
| Florida Panther <i>Puma concolor coryi</i> | LE | LE | Extensive forested communities; large wetlands | Minimal | N | N |
| Florida bonneted bat <i>Eumops floridanus</i> | N | LE | Roosts in tree cavities, palm fronds and buildings | Minimal | Y | N |
| Florida Long-tail Weasel <i>Mustela frenata peninsulae</i> | N | N | Flatwoods, sandhill, sand pine scrub hardwood forests, | Minimal | Y | N |
| Sherman's Fox-Squirrel <i>Sciurus niger shermani</i> | N | LS | Fire maintained long leaf pine/turkey oak flatwoods | Moderate | Y | N |
| Florida Black Bear <i>Ursus americanus floridanus</i> | N | LT* | Hardwood, pine/palm hammock, scrub, forest wetland | Minimal | Y | N |
| REPTILE | | | | | | |
| Eastern Indigo Snake <i>Drymarchon couperi</i> | LT | LT | Mesic flatwoods, upland pine forest, sandhill scrub | Moderate | Y | Y |
| Gopher Tortoise <i>Gopherus polyphemus</i> | N | LS | Sandhill, scrubby, flatwoods, xeric hammock | Moderate | Y | nearby |
| AMPHIBIAN | | | | | | |
| Gopher Frog <i>Rana capito</i> | N | LS | Longleaf pine, turkey oak, sandhill, flatwoods, sand pine | Minimal | Y | N |
| FLORA | | | | | | |
| Many flowered grass pink <i>Calopogon multiflorus</i> | N | LE | sandy pinelands & meadows, flatwoods, hammocks | Minimal | Y | N |
| Sand Butterfly Pea <i>Centrosema arenicola</i> | N | LE | Sandhill, scrubby flatwoods, dry upland woods | Minimal | Y | N |
| Beautiful Pawpaw <i>Deeringothammus pulchellus</i> | LE | LE | slash pine-saw palmetto flatwoods; mowed road verges | Minimal | Y | N |
| Nodding Pinweed <i>Lechea cernua</i> | N | LT | Scrub | Minimal | Y | N |
| Carter's large flower flax <i>Linum carteri var. smallii</i> | N | LE | Pine rocklands | Minimal | N | N |
| Florida Spiny-pod <i>Matelea floridana</i> | N | LE | Upland hardwoods; moist to dry | Minimal | Y | N |
| Celestial Lily <i>Nemastylis floridana</i> | N | LE | Wet flatwoods, prairie marsh, palm hammocks | Minimal | Y | N |
| Florida Beargrass <i>Nolina atopocarpa</i> | N | LT | open scrub, hammocks with closed canopies, uplands | Minimal | Y | N |
| Giant Orchid <i>Pteroglossaspis ecristata</i> | N | LT | Sandhill, scrub, pine flatwoods, pine rocklands | Minimal | Y | N |

LEGEND

LE = Endangered, LT = Threatened, LS = Species of Special Concern, PDL = Proposed for Delisting; N = Not currently listed or considered; Minimal = Little or no suitable habitat and no occurrence; Moderate = Potential suitable habitat exists and/or potential occurrence; High = Suitable habitat on-site and species observed

5.3 FLORIDA SCRUB JAY

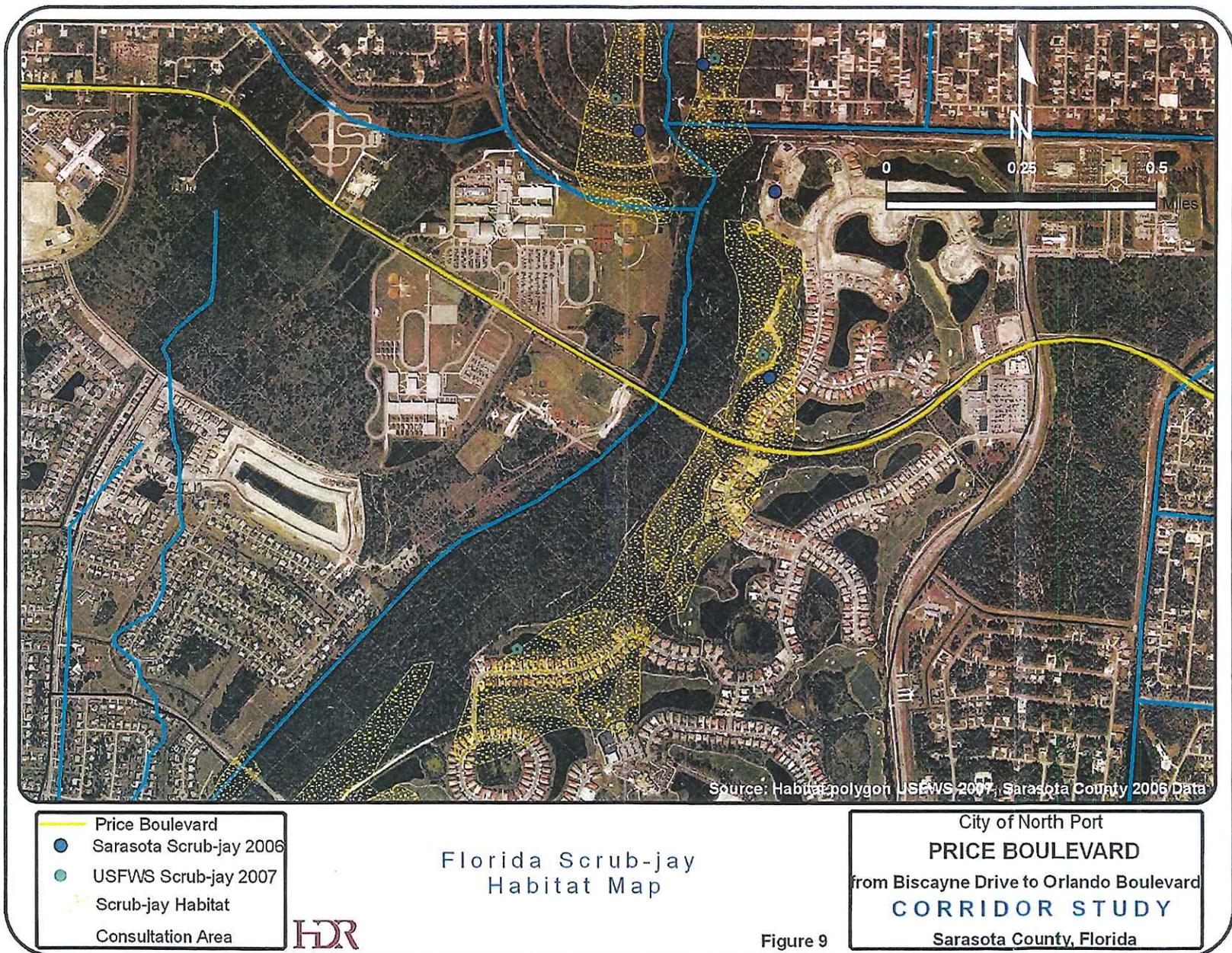
The Florida scrub jay is a threatened species protected by both state and federal law. The USFWS scrub-jay consultation area covers this entire region of North Port. A survey, conducted by the City of North Port during 2006 revealed the presence of three scrub jay populations in the vicinity of Price Boulevard. Additional field surveys conducted by Sarasota County (2006) and the U.S. Fish and Wildlife Service (USFWS) (2007) documented scrub-jays adjacent to Big Slough (*Figure 9*). cursory field surveys, conducted as part of this corridor study, confirmed two patches of scrub habitat: a small patch north of the Little Salt Spring Research Facility and an area east of Big Slough. The habitat that intersects Price Boulevard near Big Slough is potentially occupied scrub-jay habitat (107 acres). However, scrub-jays were not observed during informal field surveys and the habitat within the ROW is maintained sod.

Scrub habitat is considered essential for several other endangered, threatened and species of special concern including the gopher tortoise, gopher frog, indigo snake, Florida mouse, and the sand skink (*RU-30, Ord. 97-061, July 8, 1997*). Consultation for projects within scrub-jay consultation zones is required by the USFWS and the FFWCC. Due to the documented occurrence of this species, formal scrub-jay surveys will likely be required as part of the federal permitting process. Surveys will be required in accordance with USFWS guidelines (between March and June). Due to the lack of habitat within the areas proposed for impact by the roadway project and the effort to minimize impacts (reduced ROW) in the area surrounding Big Slough, it is anticipated that the USFWS should issue an opinion of "may affect, but not likely to adversely affect" the Florida scrub-jay. However, this opinion will ultimately be dependent on the formal field survey results and consultation with the USFWS.

5.4 WOOD STORK

The wood stork is listed as endangered by both the USFWS and the FWC. Three wood stork rookeries were identified in the vicinity of the Price Boulevard Study Corridor. Specifically, one rookery was identified 3.5 miles to the southwest along the Myakka River (Atlas # 615040), a second rookery was identified approximately seven miles to the southeast (Atlas # 619012), and a third rookery was identified approximately 15 miles to the northwest (Atlas # 615301). All rookeries were documented as supporting both the wood stork and the great white egret (*Ardea alba*). The USFWS recognizes an 18.6-mile core foraging area (CFA) around all known wood stork rookeries in south Florida. The U.S. Fish and Wildlife Service references the *Habitat Management Guidelines for the Wood Stork in the Southeast Region* (Service 1990) and the *Draft Supplemental Habitat Management Guidelines for the Wood Stork in South Florida* to assess wood stork impacts. The Service routinely accepts the U.S. Army Corps of Engineers determination of "may affect, not likely to adversely affect" for projects with insignificant impacts or for projects that avoid, minimize, and adequately mitigate loss of foraging habitat.

A wood stork foraging assessment is required for projects having wetland impacts greater than five acres to ensure that the project will not result in the net loss of wood stork foraging habitat. Impacts to wetlands and water features should be minimized to the extent possible to minimize loss of wood stork foraging habitat. In compliance with the United States Fish and Wildlife Service (USFWS) Standard Local Operating Procedures for Endangered Species (SLOPES) for the wood stork, no net loss of wetlands should occur from this project. Wood stork habitat impacts should be mitigated within the core foraging area (CFA) of known habitat rookeries.



- Price Boulevard
- Sarasota Scrub-jay 2006
- USFWS Scrub-jay 2007
- Scrub-jay Habitat
- Consultation Area



Florida Scrub-jay
Habitat Map

City of North Port
PRICE BOULEVARD
from Biscayne Drive to Orlando Boulevard
CORRIDOR STUDY
Sarasota County, Florida

Figure 9

5.5 AMERICAN BALD EAGLE

The nearest American bald eagle nest was documented approximately 1.5 miles north of the existing Price Boulevard corridor. Effective August 8, 2007 the bald eagle is considered to be recovered. It has been removed from the Federal List of Endangered and Threatened Wildlife. According to the U.S. Fish and Wildlife Service, “the threats to this species have been eliminated or reduced to the point that the species has recovered and no longer meets the definition of threatened or endangered under the Act.” The Bald eagle still receives protections provided by the Bald and Golden Eagle Protection Act (BGEPA) and the Migratory Bird Treaty Act (MBTA). Specifically, construction activities are restricted within the vicinity of the active nest tree during nesting season. The expansion of the Price Boulevard project corridor should not impact the nest or the species.

5.6 WADING BIRDS

Several species of wading birds are afforded protection by the FWC. Species such as the little blue heron (*Egretta caerulea*), the snowy egret (*Egretta thula*), the tricolored heron (*Egretta tricolor*), and the white ibis (*Eudocimus albus*) have been documented by FNAI in the vicinity of the study corridor. These species are listed as species of special concern. Mitigation procedures required for the wood stork should satisfy the habitat needs of these species.

5.7 EASTERN INDIGO SNAKE

The Eastern indigo snake is listed as a threatened species by both the USFWS and the FWC. The indigo snake has been documented in the vicinity of the Price Boulevard study corridor. The indigo snake is often found in association with the gopher tortoise in sandy, scrub habitats. The indigo snake also utilizes cabbage palm hammocks and hydric hardwood hammocks. Suitable habitat was observed adjacent to the Price Boulevard corridor. Standard protection measures for the Eastern indigo snake should be employed during any construction activities along the corridor.

5.8 GOPHER TORTOISE

The gopher tortoise is listed as threatened by the FWC, but it is not federally listed. The gopher tortoise occupies a variety of plant communities, preferably habitats with well-drained sandy soils and suitable herbaceous forage. Although the gopher tortoise was not observed within the project corridor, habitat with the potential to support the species was identified. In addition, the species is documented by FNAI to occur in the vicinity of the project. A comprehensive survey for tortoises and their burrows should occur prior to any construction activity. If the gopher tortoise or tortoise burrows are identified during construction, coordination with the Florida Fish and Wildlife Conservation Commission will be required. According to new guidelines (September 2007), this will require a relocation permit.

5.9 ESSENTIAL FISH HABITAT

In accordance with Section 3(10) of the Magnuson-Stevens Fishery Conservation and Management Act of 1996 (CFR 600.920), as administered by the National Oceanic and Atmospheric Administration’s (NOAA) National Marine Fisheries Service (NMFS) consultation is not likely to be required for direct impacts to EFH unless tidal influence is determined to be associated with the existing aquatic features. Degradation of water quality resulting from construction of the project or excess stormwater runoff from the project has the potential to adversely affect wetlands and EFH down stream in the Myakka River (resulting in potential indirect impacts) if proper best management practices (BMP) are not employed. BMP efforts generally include phased construction, turbidity barriers, silt screens, hay

bales, and other construction techniques approved by the regulatory agencies. Final determination for an EFH evaluation will be made by the NMFS during the permit process.

6.0 PERMITTING AND REGULATORY REQUIREMENTS

Impacts to wetlands and hydric-cut aquatic features associated with the proposed improvements to Price Boulevard appear imminent. Both state and federal entities will require permits for impacts to wetlands within the project corridor (Table II). Other permitting agencies involved in the review will include state and federal wildlife agencies and the Division of Historical Resources. It is anticipated that wetlands, wildlife, and cultural resources will be coordinated through the following agencies:

- Southwest Florida Water Management District (SWFWMD)
- U.S. Army Corps of Engineers (USACE)
- Florida Department of Environmental Protection (FDEP)
- Florida Fish and Wildlife Conservation Commission (FWC)
- U.S. Fish and Wildlife Service (USFWS)
- NOAA - National Marine Fisheries Service (NMFS)
- Florida Division of Historical Resources

| | |
|------------------------------------------------|----------------------------------------------|
| U.S. Army Corps of Engineers | Section 404, Dredge and Fill Permit |
| Southwest Florida Water Management District | Individual Permit (Chapter 40D-4, F.A.C.) |
| Florida Department of Environmental Protection | Rule 62-621.300(4), F.A.C; SSL Determination |
| U.S. Fish and Wildlife Service | TBD |

6.1 SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

Permitting related to impacts within jurisdictional wetlands will be addressed through the SWFWMD Sarasota Service Office. Jurisdictional boundaries of wetlands, hydric-cut aquatic features, and other surface water features will need to be established pursuant to Chapter 62-340 F.A.C., Part IV, Chapter 373, F.S. Establishment and survey of seasonal high water elevations will also be required. Preliminary Unified Mitigation Assessment Methodology (UMAM) was conducted for wetlands with the potential to be impacted during construction. Impacts will be designated as forested, herbaceous, or open water for mitigation purposes.

A determination of final impact acreages within the project ROW will be required to complete the UMAM. Estimated impacts for the entire project approximate 2.00 acres; however, the project may be constructed in phases. Proposed impact acreage estimated by phase includes:

- Phase 1 – 100’foot ROW – center alignment – 0.67 acres
- Phase 2 – 120’foot ROW – north alignment – 0.60 acres
- Phase 3 – 120’foot ROW – north alignment – 0.134 acres
- Phase 4 – 120’foot ROW – north/center alignment – 0.60 acres

The District issues three types of ERPs depending on the proposed impact: individual, general and noticed general permits. Assuming that all phases are constructed, and that impacts along the corridor are not eliminated or minimized (less than one acre) an Environmental Resource Permit (ERP) application for an Individual permit will be necessary for this project. Governing Board action is required for all individual permits. The application fee for Individual Permit (as of January 2009) is \$2,500.00.

ATTACHMENT H

Item #11 – Historic Survey

(from 2009 Price Boulevard Corridor Study)

The USFWS oversees permitting issues associated with the Florida scrub-jay through the authority of the Endangered Species Act. Impacts to occupied scrub-jay habitat will be considered a "take". The level of "take" (if any) will need to be established as part of the USACE federal permit process through coordination with the USFWS. An incidental take permit may be necessary if scrub-jays are deemed present in the area. This permit is required to allow the lawful "take" of habitat occupied by a federally protected species. An incidental take permit requires consultation with the USFWS.

6.7 NOAA - NATIONAL MARINE FISHERIES SERVICE (NMFS)

Coordination associated with Essential Fish Habitat (EFH) is through the NOAA National Marine Fisheries Service (NMFS) office in St. Petersburg, Florida. The NMFS office was contacted to discuss potential impacts associated with this project. EFH consultation is not likely to be required for this project unless a tidal influence is determined to be associated with the existing aquatic features. Regulation by this agency (if any) would involve Best Management Practices such as phased construction, turbidity barriers, silt screens, hay bales, and other construction techniques approved by the regulatory agencies.

6.8 FLORIDA DIVISION OF HISTORICAL RESOURCES

Coordination with the Division of Historical Resources will be required to solicit comments regarding whether the activities associated with the proposed project will adversely affect significant historical or archaeological resources. Impacts to historical or archaeological resources will be considered as part of the state and federal permit process. As part of the determination process, an archaeological survey performed by a qualified professional approved by the Florida Archeology Council or the Division of Historical Resources will be required. Additionally, the applicant may be required to develop and implement a plan to demarcate and protect significant historical and archaeological resources reasonably expected to be impacted by the project. As part of the review of the Price Boulevard project, Mr. Steve Koski, staff Archeologist at the Little Salt Springs University of Miami research facility was solicited for information on the archeological remains near the project corridor. Mr. Koski expressed concern regarding impacts to possible remains in the area and about further deterioration of water quality as part of the road expansion.

ATTACHMENT I

Item #7 – Right-of-Way

File No. 17607-8

96058976

Recording: \$10.50
Doc. Stamps: \$0.76

.. OFFICIAL RECORDS ..
BOOK 2654 PAGE 1105

This instrument Prepared by and Return To:
JAMES L. COTTRELL - WITHOUT TITLE EXAMINATION
COTTRELL, WARCHOL & MERCHANT
Post Office Box 787
Cape Coral, Florida 33910

Receipt #: 888888428482-01
Doc Stamp-Deed : 0.76
Karen E. Rushing, Sarasota Co
By: [Signature] D.C.

Grantee S.S. No.:
Name: THE CITY OF NORTH PORT

Strip #: _____
[Space Above This Line for Recording Data]

QUIT CLAIM DEED

This Indenture made this 10th day of May, 1996 BETWEEN ATLANTIC GULF COMMUNITIES CORPORATION, a Delaware corporation, of the County of Charlotte, State of Florida, grantor, and THE CITY OF NORTH PORT, a political corporation, whose post office address is 2650 North Port Blvd., North Port, Florida 34287-3103 of the County of SARASOTA, State of Florida, grantee.

WITNESSETH, That said Grantor, for and in consideration of the sum of TEN AND NO/100'S (\$10.00) Dollars and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, does hereby remise, release and quit-claim unto the said Grantee forever, all the right, title, interest, claim and demand which the said Grantor has in and to the following described land situate, lying and being in SARASOTA County, Florida, to-wit:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

"Grantor" and "grantee" are used for singular or plural, as context requires.

IN WITNESS WHEREOF, Grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered in our presence:

[Signature]

Print Name: Joel Egidio

[Signature]

Print Name: Christine Raymond

ATLANTIC GULF COMMUNITIES CORPORATION

[Signature]
Jay C. Fertig Senior Vice President

STATE OF FLORIDA
COUNTY OF DADE

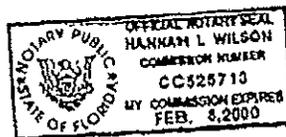
I HEREBY CERTIFY that on this day before me, an officer duly qualified to take acknowledgements, personally appeared: Jay C. Fertig Senior Vice President of ATLANTIC GULF COMMUNITIES CORPORATION, on behalf of the corporation, who is personally known to me or who has produced _____ as identification and who executed the foregoing instrument and acknowledged before me that it executed the same.

WITNESS my hand and official seal in the County and State last aforesaid this 10th day of May, 1996.

My Commission Expires:

[Signature]
Notary Public
Print Name: Hankam L. Wilson

(NOTARY SEAL)



ALL THAT PROPERTY KNOWN AS PRICE BOULEVARD,
 A 100 foot right of way, LYING WESTERLY
 OF THE BLUERIDGE WATERWAY AND EASTERLY
 OF THE NORTHERLY EXTENSION OF THE WEST
 BOUNDARY LINE OF ~~TRACT "C"~~ *~~DESCRIBED~~,
 SUCH PROPERTY BEING DEPICTED BELOW AS
 "PRICE BLVD. (100' WIDE) AND LYING AND BEING IN
 SECTIONS 21 AND 22, TOWNSHIP 39 SOUTH, RANGE 21 EAST,
 SARDISIA COUNTY, FLORIDA.

** OFFICIAL RECORDS **
 BOOK 2854 PAGE 1106

* DESCRIBED ON
 EXHIBIT "B"
 ATTACHED HERETO,

RECORDER'S MEMO: Legibility of writing, typing, or
 printing for reproductive purpose may be unsatisfactory in
 this document when received.

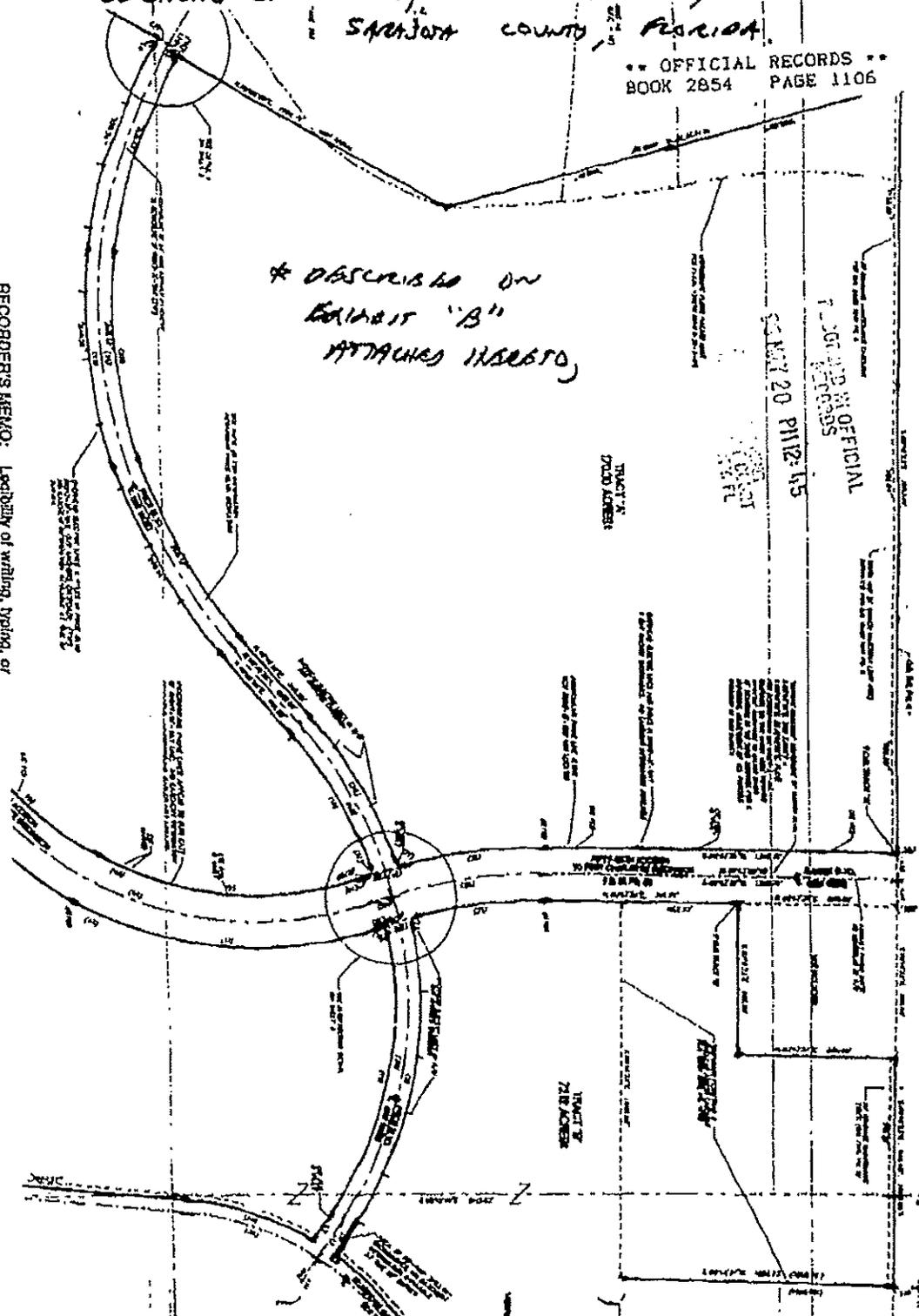


EXHIBIT "A"

TOTAL P.02

O.R. 1749 PG 1592

THIS INSTRUMENT PREPARED BY:
PETER L. BRETON, ESQUIRE
1111 So. Bayshore Drive
Miami, Florida 33131

DEDICATION

KNOW ALL MEN BY THESE PRESENTS that GENERAL DEVELOPMENT CORPORATION, a Delaware corporation authorized to do business in the State of Florida, does hereby dedicate, grant and convey to the CITY OF NORTH PORT, an incorporated municipality of the State of Florida, whose post office address is: Municipal Building, 311 North Port Boulevard, North Port, Florida 33595, the property hereinafter described on Exhibit "A", Pages 1 and 2, attached hereto and incorporated herein by reference, for the following uses:

1. For roadway purposes, i.e., to construct and maintain roadways for public use.
2. Use as open spaces, recreation purposes and other related activities for the benefit of the public.
3. The installation and maintenance of public utilities.
4. Use, maintenance and repair of drainage facilities and for temporary retention of storm water runoff from the property included and other contiguous property.
5. To be used for such other purposes as may be designated by said CITY OF NORTH PORT.

Whenever said property shall be discontinued or cease to be used for the purposes above described, title thereto shall ipso facto revert to GENERAL DEVELOPMENT CORPORATION, its successors or assigns.

In consideration of said dedication, the CITY OF NORTH PORT, an incorporated municipality of the State of Florida, by the execution of this instrument, agrees to accept the said dedication and maintain the said properties for the purposes and uses above described.

IN WITNESS WHEREOF, GENERAL DEVELOPMENT CORPORATION has caused this Dedication to be executed and its corporate seal to be hereunto affixed by its proper officers hereunto fully authorized all on this 16th day of July, 1984.

Signed, sealed and delivered
in the presence of:

Richard E. Soche
Huskel P. Stockton

GENERAL DEVELOPMENT CORPORATION

BY: C. C. Crump, Sr.
C.C. CRUMP, SR. VICE PRESIDENT

ATTEST: Nancy H. Roen
NANCY H. ROEN, SECRETARY

STATE OF FLORIDA)
COUNTY OF DADE)ss:

BEFORE ME, personally appeared C. C. CRUMP and NANCY H. ROEN,
the Senior Vice President and Secretary respectively of GENERAL

O.R. 1749 PG 1593

DEVELOPMENT CORPORATION, a Delaware corporation, and severally acknowledged before me that they executed such instrument and affixed the seal of said corporation and that said instrument is the free act and deed of said corporation.

WITNESS my hand and official seal in the County and State last aforesaid this 18 day of July, 1984.

My commission expires:

[Signature]
 NOTARY PUBLIC
 State of Florida at Large
 NOTARY PUBLIC STATE OF FLORIDA AT LARGE
 MY COMMISSION EXPIRES MAY 17 1984
 ROBERT JESU GARCIA, III / 1485601113

ACCEPTANCE

The CITY OF NORTH PORT, an incorporated municipality of the State of Florida, by the execution of this instrument, does hereby accept the Dedication aforesaid and agrees to accept and maintain the same. Such acceptance is limited to the interests herein conveyed and is not intended to extend to any other property or interest.

IN WITNESS WHEREOF, the CITY OF NORTH PORT has caused this Acceptance to be executed by its duly authorized officers hereinafter named and the corporate seal of the City to be affixed hereto.

THE CITY OF NORTH PORT, an incorporated municipality of the State of Florida

BY: *[Signature]*
MARGARET M. GENTLE, MAYOR

ATTEST: *[Signature]*
CITY CLERK

DESCRIPTIONS

A PORTION OF
PRICE BOULEVARD
(FORMERLY MCCARTHY BOULEVARD)

A strip of land 50.00 feet in width lying Southerly and Southwesterly of, and contiguous to, the centerline of McCarthy Boulevard as shown on the Plat of "THIRTY - SIXTH ADDITION TO PORT CHARLOTTE SUBDIVISION", recorded in Plat Book 16, Pages 3 and 3-A through 3-M of the Public Records of Sarasota County, Florida, running Easterly along said centerline of McCarthy Boulevard from the intersection with Glenallen Boulevard to the intersection with the Easterly line of said plat, the following courses and distances:

S. 88°51'54" E. 420.00 feet to the Point of Curvature of a 1000.00 foot radius circular curve, concave Southwesterly; thence Southeasterly along the arc of said curve through a central angle of 45°07'14" a distance of 787.50 feet to the Point of Tangency; thence S. 43°44'40" E. a distance of 150.00 feet to said Easterly line of the aforementioned plat;

and

A strip of land 100.00 foot in width, the centerline of said strip being described as follows:

Beginning at the intersection of the centerline of McCarthy Boulevard with the Easterly line of the aforementioned "THIRTY - SIXTH ADDITION TO PORT CHARLOTTE SUBDIVISION", continue thence S. 43°44'40" E. a distance of 598.51 feet to the Point of Curvature of a 2000.00 foot radius circular curve, concave Northeasterly; thence Southeasterly along the arc of said curve through a central angle of 16°13'19" for a distance of 566.25 feet to the Point of Tangency; thence S. 59°57'59" E. a distance of 2205.09 feet to the Point of Termination.

All lying and being in Sections 17 and 20, Township 39 South, Range 21 East, City of North Port, Sarasota County, Florida, and containing 9.27 Acres, more or less.

A PORTION OF GLENALLEN BOULEVARD

A strip of land 40.00 foot in width, lying Easterly and Southeasterly of, and contiguous to, the centerline of Glenallen Boulevard, as shown on the Plat of "THIRTY - SIXTH ADDITION TO PORT CHARLOTTE SUBDIVISION", recorded in Plat Book 16, Pages 3 and 3-A through 3-M of the Public Records of Sarasota County, Florida, further described as follows:

Commencing at the intersection of the centerline of McCarthy Boulevard with the centerline of Glenallen Boulevard as shown on the aforesaid plat, run thence S. 01°08'06" W. along said centerline of Glenallen Boulevard a distance of 50.00 feet to the Point of Beginning of the Westerly line of the aforementioned 40.00 foot strip of land, said Westerly line being also the said centerline of Glenallen Boulevard; run thence along said centerline and said Westerly line the following courses and distances:

S. 01°08'06" W. 699.97 feet to the Point of Curvature of a 1000.00 foot radius circular curve, concave Northwesterly; thence Southwesterly along the arc of said curve, through a central angle of 69°51'54" for a distance of 1219.37 feet

to the intersection with the centerline of Spring Haven Drive as shown on the Plat of "FIFTY SECOND ADDITION TO PORT CHARLOTTE SUBDIVISION", recorded in Plat Book 21, Pages 13 and 13-A through 13-NN of the Public Records of Sarasota County, Florida, being also the Point of Termination of the said Westerly line.

All lying and being in Sections 17 and 20, Township 39 South, Range 21 East, City of North Port, Sarasota County, Florida, and containing 1.78 Acres, more or less.

O.R. 1749 PG 1594

A PORTION OF
SPRING HAVEN DRIVE

A strip of land 40.00 foot in width, lying Northeasterly and Northerly of, and contiguous to, the centerline of Spring Haven Drive as shown on the Plat of "FIFTY SECOND ADDITION TO PORT CHARLOTTE SUBDIVISION", recorded in Plat Book 21, Pages 13 and 13-A through 13-NH of the Public Records of Sarasota County, Florida, further described as follows:

Commencing at the intersection of the centerline of Glenallen Boulevard with the centerline of Spring Haven Drive as shown on the aforementioned plat, run thence S. 19°00'00" E. a distance of 40.00 feet to the Point of Beginning of the Southwesterly and Southerly line of the aforesaid 40.00 foot strip of land; thence continue along said centerline of Spring Haven Drive and along said Southwesterly and Southerly line the following courses and distances:

S. 19°00'00" E. 140.00 feet to the Point of Curvature of a 950.00 foot radius circular curve, concave Southwesterly; thence Southeasterly along the arc of said curve, through a central angle of 29°00'00" for a distance of 480.84 feet to the Point of Tangency; thence S. 48°00'00" E. 723.67 feet to the Point of Curvature of a 1000.00 foot radius circular curve, concave Northeasterly; thence South-easterly along the arc of said curve through a central angle of 13°00'00" for a distance of 226.89 feet to the Point of Tangency; thence S. 61°00'00" E. 1500.00 feet to the Point of Curvature of a 1335.00 foot radius circular curve, concave Northerly; thence Easterly along the arc of said curve, through a central angle of 52°35'07" for a distance of 1225.25 feet to the point of intersection of said centerline of Spring Haven Drive with the Northerly extension of the Easterly line of Lot 28, Block 2652, according to said "FIFTY SECOND ADDITION TO PORT CHARLOTTE SUBDIVISION",

said point being also the Point of Termination of the Southwesterly and Southerly line of said 40.00 foot strip;

and

A strip of land 80.00 feet in width, the centerline of said strip being described as follows:

Beginning at the said point of intersection of the centerline of Spring Haven Drive with the Northerly extension of the Easterly line of Lot 28, from a tangent bearing of N. 66°24'53" E. run Easterly and Northeasterly along the arc of a 1335.00 foot radius circular curve, concave Northwesterly, through a central angle of 36°22'52" for a distance of 847.69 feet to the Point of Tangency; thence N. 30°02'01" E. a distance of 884.21 feet to Point A, the Point of Termination of the centerline of said 80.00 foot strip of land.

and

A parcel of land, described as follows:

Commencing at Point "A", run thence S. 59°57'59" E. 40.00 feet to the Point of Beginning, thence S. 30°02'01" W. 25.00 feet; thence, from a tangent bearing of N. 32°02'01" E. run Northeasterly along the arc of a 25.00 foot radius circular curve, concave Southeasterly, through a central angle of 90°00'00" for a distance of 39.27 feet; thence N. 59°57'59" W. 25.00 feet to the Point of Beginning.

... lying and being in Section 20, Township 39 South, Range 21 East, City of North Port, Sarasota County, Florida, and containing 7.10 Acres, more or less.

O.R. 1749 PG 1595

STATE OF FLORIDA, COUNTY OF SARASOTA
I hereby certify that the foregoing is a true and correct copy of pages 1 through 8 of the instrument filed in this office. The original instrument filed contains 8 pages.

This copy has been reduced pursuant to law.
Witness my hand and official seal this 13 day of

MARCH 20 1971
KAREN S. RUSHING, CLERK OF THE CIRCUIT COURT
By: *Suzanne Robinson*
Deputy Clerk



FILED AT
R.H. HICKS
SARASOTA, FLORIDA
MAY 31 8 15 AM '71

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ATTACHMENT J

Item #6 – Existing Utilities

Existing Utilities

Existing public utilities within the project limits consist of the following:

- Potable Water Main – 12” diameter PVC C-900 pipe, installed in 1999 along project limits.
- Sanitary Sewer Force Main – 16” diameter PVC C-905 installed in 2015 along project limits.
- Re-Use Force Main - 16” diameter PVC C-905 installed in 2015 along project limits.

Private utilities along the project limits include the following:

- Overhead electric lines
- Underground and overhead communication lines
- Underground gas main