

PINELLAS COUNTY RESTORE ACT DIRECT COMPONENT PROJECT PROPOSAL SUBMITTAL FORM

Based on the Transocean settlement and until the BP trial ends, it is estimated by March 31, 2015, \$1,542,888 will be available in the Gulf Coast Restoration Trust fund for distribution to Pinellas County under the Direct Component allocation.

As a guideline, Pinellas County anticipates funding 3 to 7 projects not to exceed a total of \$1,542,888 as part of the initial multiyear implementation plan (MYIP). It's anticipated that projects selected for MYIP inclusion that receive funding would not begin until after December 2015.

Please read through all the questions before beginning.

- Submitted projects must address one or more of the five Gulf Coast Ecosystem Restoration Council goals and one or more RESTORE Act-eligible activities.
- Projects submitted by FEBRUARY 6, 2015 will be eligible for inclusion in the initial Multiyear Implementation Plan (MYIP)
- The "Steps" and "Criteria" numbers in the application refer to questions that address the steps and criteria for selection and ranking projects. The selection and ranking criteria can be viewed at www.pinellascounty.org/restore/pdf/project-selection.pdf
- Answer each of the 29 questions as completely as possible, but keep responses focused.
- Submit one form per project.
- Once the form is successfully submitted, you will be contacted by Pinellas County.
- Send associated maps, charts, images, and budget information along with the title of your project in a Portable Document File (PDF) to restore@pinellascounty.org.
- Direct questions to restore@pinellascounty.org

Applicant Name: *(Include at least one Point of Contact (POC), phone number, email address, and organization name, if applicable):*

1. **POC Name:** *Ian Wade, PE*
2. **POC Organization:** *City of St. Pete Beach*
3. **POC Title:** *Project Manager (Pubic Services Department)*
4. **POC Email:** *iwade@stpetebeach.org*
5. **POC Phone:** *727.363.9254*
6. **Proposed Activity Name:** *Blind Pass Road Improvements*

Please note that all responses by the City of St. Pete Beach are indicated in ***Bold and Italics***.

7. Restoration Council Goals Addressed:

(Step 1 and Step 2 - Criteria 1 and 2)

List which of the following goal(s) will be addressed and how each goal will be addressed.

A. Restore Water Quality

The project includes installation of a nutrient separating baffle box with a tide control valve to reduce tidal inflow at the storm water outfall at 70th Avenue. The baffle box will reduce the nutrients, sediment, and debris found in the storm water effluent currently being discharged directly into Boca Ciega Bay. Furthermore, upsizing of the stormwater pipes and replacing the existing inlets will increase the capacity of the collection system and reduce surface runoff directly into the Bay.

B. Enhance Community Resilience

Upsizing of the stormwater pipes includes the installation of 2 - 60" x 38" elliptical reinforced concrete pipes (side by side from Blind Pass Road to the outfall at the east end of 70th Avenue) to accommodate the large volume of stormwater runoff which currently causes flooding of this and surrounding neighborhoods.

Additionally, the upsized collection system has been modeled to eventually tie into adjacent drainage basins 3P (FDOT) and 3S which were shown in the City's Stormwater Master Plan update to have extensive flooding during a 25-year/24-hour storm event. This tie in, which is not part of the scope of this project, will provide necessary additional capacity and subsequently significantly reduce the up to 13 inches of flooding experienced at these locations, which includes portions of Blind Pass Road, Corey Avenue, and SR-693. See attached maps for basin locations.

8. RESTORE Act Eligible Activities Addressed:

(Step 1 and Step 2 - Criteria 3 and 4)

List which of the following activities will be addressed and how each activity will be addressed.

1. Coastal flood protection and related infrastructure

The installation of the nutrient separating baffle box and a tidal control device will reduce the nutrients, sediment, and debris found in the storm water effluent being discharged directly into Boca Ciega Bay. Replacement of existing inlets and the upsizing of the stormwater pipes, including installation of 2 - 60" x 38" elliptical reinforced concrete pipes, will accommodate the large volumes of stormwater runoff which currently cause up to 13 inches of flooding of this and surrounding neighborhoods.

Additionally, the upsized collection system has been modeled to eventually tie into adjacent drainage basins 3P (FDOT) and 3S which were shown in the City's Stormwater Master Plan update to have extensive flooding during a 25-year/24-hour storm event. This tie in, which is not part of the scope of this project, will provide necessary additional capacity and subsequently significantly reduce the up to 13 inches of flooding experienced at these locations, which includes portions of Blind Pass Road, Corey Avenue, and SR-693.

9. Previous Claim:

Is the proposed activity included in any claim for compensation paid out by the Oil Spill Liability Trust Fund after July 6, 2012? If yes, this activity is not eligible for Direct Component grant.

Yes: ___

No: x

10. RESTORE Act Pinellas County priorities addressed:

(Step 2 - Criteria 5 and 6)

List which of the following priorities will be addressed and how each priority will be addressed.

- a. Provide stormwater quality improvements

The installation of a nutrient separating baffle box and a tidal control device will reduce the nutrients, sediment, and debris found in the storm water effluent being discharged directly into Boca Ciega Bay. Furthermore, replacement of the existing inlets and the upsizing of the stormwater pipes will increase the capacity of the collection system and reduce surface runoff directly into the Bay. Manatee grates will also be installed.

- b. Create policies, programs, and/or mechanisms to protect against future environmental and/or economic vulnerability

Increasing the collection capacity of the stormwater system will protect the City against flooding and the subsequent cost associated with cleanup and lack of access to neighborhood businesses.

- c. Provide flood and storm protection to infrastructure and other publically owned assets that consider resilience and changing sea levels

Replacement of existing inlets and the upsizing of the stormwater pipes includes the installation of 2 - 60" x 38" elliptical reinforced concrete pipes to accommodate the large volumes of stormwater runoff which currently cause up to 13 inches of flooding of this and surrounding neighborhoods.

Additionally, the upsized collection system has been modeled to eventually tie into adjacent drainage basins 3P (FDOT) and 3S which were shown in the City's Stormwater Master Plan update to have extensive flooding during at 25-year/24-hour storm event. This tie in, which is not part of the scope of this project, will provide necessary additional capacity and subsequently significantly reduce the up to 13 inches of flooding currently experienced at these locations, which includes portions of Blind Pass Road, Corey Avenue, and 75th Avenue (SR-693).

11. Project Location

(Step 1)

As applicable, describe the location, attach a map and indicate the address, city, zip code, longitude/latitude, and watershed:

Blind Pass Road from Gulf Boulevard to 75th Avenue (SR-693) in the City of St. Pete Beach, FL (33706); Approximate 27.73° N/82.74° W; Springs Coast Watershed

12. Region or Geographic Area Impacted by Project

(Step 1 and Step 2 - Criterion 7)

Provide a description of the project area or region in which environmental or economic benefits will be realized. Be as specific as possible by listing cities or geographical boundaries and why.

The area most immediately impacted is drainage basin 4A (see attached Figure 1), which includes Blind Pass Road from Gulf Boulevard to 73rd Avenue in the City of St. Pete Beach. The upsized collection system will also accommodate future tie in to relieve adjacent basins 3P (FDOT) and 3S (see attached maps). All 3 of the above mentioned drainage basin areas will experience reduced flooding once the upgraded infrastructure is completed or tied into with future improvement projects.

Additionally, Boca Ciega Bay and subsequently the Gulf of Mexico will see improved water quality as a result of the Low Impact Development (LID) Best Management Practices (BMPs) being constructed during this project.

Discussion of Specific Activity

Describe the project by responding to each of the following topics.

- 13. Project Description** – Discuss the essential elements of the project. Include what is proposed, clearly list major project tasks or program milestones, the project duration, and why it should be done.

The Blind Pass Road Improvement project includes the complete reconstruction of Blind Pass Road from Gulf Blvd to 75th Ave in St. Pete Beach, including significant upgrades to underground infrastructure. One of the primary goals of the project is to improve water quality discharging directly into Boca Ciega Bay by constructing Low Impact Development (LID) Best Management Practices (BMPs) such as a nutrient separating baffle box and a tidal control device at the outfall, to provide treatment for approximately 26 acres that currently has no water quality infrastructure. These improvements, which also include replacement of stormwater inlets and significant upsizing of stormwater pipes and outfall, will be constructed to immediately relieve flooding up to the 25-year/24-hour storm event for basin 4A (see attached Figure 1).

The upsized collection system has also been modeled to eventually tie into adjacent drainage basins 3P (FDOT) and 3S which were shown in the City's Stormwater Master Plan update to have extensive flooding during at 25-year/24-hour storm event. This tie in, which is not part of the scope of this project, will provide necessary additional capacity and subsequently significantly reduce the up to 13 inches of flooding experienced at these locations, which includes portions of including Blind Pass Road, Corey Avenue, and SR-693.

Both the immediate relief of flooding on Blind Pass Road as well as the eventual relief for the adjacent basins is necessary to ensure the health and safety of the residents of the City of St. Pete Beach during a significant storm event. Being on a barrier island, St. Pete Beach is particularly susceptible to sizable storm/rainfall events and the larger

streets within these basins are among the only routes on and off of the island for the residents of these neighborhoods.

Based on our most recent engineer's estimate, this project has a total anticipated construction and engineering cost of \$4.16M, including \$1.61M associated with the stormwater and drainage improvement described in this application. As of this date, the City anticipates awarding the contract for construction in October, 2015 and should have a total duration (including paving, site restoration, etc.) of approximately 1 year. Connecting basins 3P and 3S to the upsized collection system being constructed during this project are not currently scheduled, but are anticipated within the next 2-5 years.

14. Project Manager and Key Project Team Members - include credentials and experience doing similar work.

Ian R. Wade, P.E. – Project Manager, City of St. Pete Beach

Mr. Wade is a Professional Civil Engineer (FL, NV, IL) with similar ongoing experience with the City of St. Pete Beach, including the current Pass-A-Grille Way Stormwater Improvements. Mr. Wade is also certified as FSA Stormwater Operator I and FDEP Stormwater Erosion and Sedimentation Control Insp.

Cribb, Philbeck, Weaver Group, Inc. – Engineering Consultants providing stormwater modeling and design. See attached experience and resumes for the team members on this project: Mr. Jeff Earhart, P.E., Ms. Sue Woodbery, P.E., and Mr. Steve Tarte.

Micheal Baker Jr., Inc. – Design Engineer of Record. See attached resumes and experience for the team members on this project: Mr. Jerry Dabkowski, P.E. and Mr. Gregg Hamm, P.E.

15. Environmental and/or Economic Benefits - Describe environmental and/or economic benefits of the project.

Environmental benefits include the installation of a nutrient separating baffle box and a tidal control device, which will reduce the nutrients, sediment, and debris found in the storm water effluent being discharged directly into Boca Ciega Bay.

Additional environmental benefits include the upsizing of the stormwater pipes, which will increase the capacity of the collection system and reduce surface runoff directly into the Bay and the installation of manatee grates to protect the animals from entering the outfall pipe and becoming trapped.

Increasing the collection capacity of the stormwater system will protect the City against flooding and the subsequent cost associated with cleanup and lack of access to neighborhood businesses, adding tangible economic benefits.

16. Technical Feasibility - Describe technologies and relevant past experience or proven success with similar projects.

Volumetric principals dictate that increasing the collection capacity of the stormwater system will remove flood waters from the streets of the drainage basins serviced by this infrastructure.

Our design team has installed similar nutrient separating baffle boxes in adjacent coastal communities. The volume of sediment and debris that is removed from these boxes during cleaning is equal to the reduction in the amount of sediment and debris in the stormwater discharged into Boca Ciega Bay prior to construction of these BMPs.

17. Public Acceptance - Describe any known or potential public approval or opposition to the project.

The City of St. Pete Beach has experienced some public opposition to components of this project not related to the stormwater improvements, such as aesthetics, street lane utilization, etc. As a result of these typical contentions, the project has been postponed on several occasions. Following several workshops, however, a design consensus has been reached and the final design plans are currently being completed.

Again, there have been NO objections to our stormwater improvements. Public sentiment on these specific improvements has been appreciative and anticipatory due to the substantial and undeniable recurring flood issues in this area.

18. Project Activity Budget Justification:

Provide the total project cost and costs by identified tasks for the following items. Provide specific justification for all that apply.

- Personnel and fringe: *Engineering Cost Portion of \$161,448.87 (see attached Engineers Estimate)*
- Travel including the number of trips and estimated cost per trip: *N/A*
- All equipment greater than \$1,000: *See attached updated Engineers Estimate (100- Drainage)*
- Supplies including a list of major types of supplies: *See attached updated Engineers Estimate (100- Drainage)*

- Contractual costs: *N/A*
- Administrative costs not to exceed 3% of the total award: *City Project Management and Oversight of approximately \$48,300 (3% of cost portion)*
- Future costs related to maintaining the project, the funding source, and responsible entity: *The City of St. Pete Beach will utilize a two person crew to operate a vacuum truck for approximately 2 hours each month to clean the baffle box (and hand clean the tidal control device). Including fuel and disposal fees, we anticipate a total cost of approximately \$500 per month, or \$6,000 annually.*

Additionally, we anticipate cleaning the storm pipes each year at a cost of \$500.

19. Describe how the project will utilize a collaborative approach that incorporates partnerships, if applicable.

(Step 2 - Criterion 8)

List any project partners and briefly describe their involvement and contribution to the project.

The City has an agreement with Southwest Florida Water Management District (SWFWMD) to reimburse the City for the stormwater improvements described in this application. Although secured in principal, the final award amount may fluctuate based on the final cost estimate submitted upon completion of Engineering Design. Based on initial cost estimates and the attached initial application, the City is anticipating \$663,484 in grant funds from SWFWMD at this time.

No other City partnerships are applicable to this project.

20. Describe how the project will support, further, or help implement one or more Pinellas County Comprehensive Plan Element goal(s) as identified in the overarching project goals, if applicable. Clearly list each Comprehensive Plan Element goal addressed.

(Step 2 - Criterion 9)

Link to Applicable Comprehensive Plan Element Goals:

www.pinellascounty.org/restore/pdf/comp-plan-goals.pdf

Natural Resource Conservation and Management Goals two, four, and six

The installation of a nutrient separating baffle box and a tidal control device will reduce the nutrients, sediment, and debris found in the storm water effluent being discharged directly into Boca Ciega Bay. Replacing the inlets and upsizing of the stormwater pipes will increase the capacity of the collection system and reduce surface runoff directly into the Bay. Increasing the collection capacity of the stormwater system will protect the City against flooding and the subsequent cost associated with cleanup and lack of access to neighborhood businesses. Manatee grates will also be installed to protect the animals from entering the outfall pipe and becoming trapped.

Coastal Management Goal One

Both the immediate relief of flooding on Blind Pass Road as well as the eventual relief for the adjacent basins is necessary to ensure the health and safety of the residents of the City of St. Pete Beach during a significant storm event. Being on a barrier island, St. Pete Beach is particularly susceptible to sizable events and the larger streets within these basins are among the only routes on and off of the island for the residents of these neighborhoods.

21. Describe the benefits the project will provide, for how long, and why:

(Step 2 - Criterion 10)

Benefits may be economic, social, and/or environmental. Explain how the benefits will or could be identified, assessed, and/or measured. Describe and quantify environmental and/or economic benefits as applicable [e.g., area restored (acres, linear feet), improved ecosystem services, jobs created/preserved, pollutants and/or nutrients removed (e.g., kg, pounds, tons)].

The installation of a nutrient separating baffle box and a tidal control device will provide significant environmental benefit by reducing the nutrients, sediment, and debris in the stormwater effluent being discharged directly into Boca Ciega Bay. Furthermore, replacing the inlets and upsizing of the stormwater pipes will increase the capacity of the collection system and reduce surface runoff directly into the Bay. Manatee grates will also be installed to protect the animals from entering the outfall pipe, ensuring a safer marine environment.

Volumetric principles dictate that increasing the collection capacity of the stormwater system will remove flood waters from the streets of the drainage basins serviced by this infrastructure. The volume of sediment and debris that is removed from these boxes during cleaning is equal to the reduction in the amount of sediment and debris from in the stormwater discharged into Boca Ciega Bay prior to construction of these BMPs. Without a current water quality improvement system currently in place at this location, it is not possible to quantify the nutrients and debris which will be removed.

In terms of economic benefit, increasing the collection capacity of the stormwater system will protect the City against flooding and the subsequent cost associated with cleanup and lack of access to neighborhood businesses.

All of these benefits should be indefinite and permanent for the City of St. Pete Beach.

22. Possible material risks to implement and maintain the proposed activity:

List possible material risks, e.g., operational, legal, regulatory, budgetary or ecological. Include brief description of mitigation strategy to address each identified risk.

No additional material risks are anticipated as these activities are already routine and recurring (i.e. budget required to clean and maintain, City employee's operating equipment).

23. Best Available Science:

Only answer if proposed activity will serve to protect or restore natural resources, otherwise, indicate "Not Applicable." Briefly describe how the project will use best available science with respect to peer reviewed literature, objective(s), and methodologically sound literature sources that support the scope of work, when available.

The project team is intimately familiar with the latest in Stormwater Planning Literature and local and national publications and design trends, including the latest LID BMPs. As you can see on the attached team resumes and experience, their knowledge base is vast and diverse, ensuring that the system proposed for installation is both cost and functionally effective as well as contemporary.

24. Matching/Other funding

(Step 2 - Criterion 11)

Indicate:

- The amount and percent of the total project cost secured and the source of each matching fund secured. Restore Act funds can be matched with other federal sources of funding. If matching funds are not secured, specify the amount of matching funds requested or expected.

The City has an agreement with Southwest Florida Water Management District (SWFWMD) to reimburse the City for the stormwater improvements described in this application. Although secured in principal, the final award amount may fluctuate based on the final cost estimate submitted upon completion of Engineering Design. Based on initial cost estimates and the attached initial application, the City is anticipating \$663,484 in grant funds from SWFWMD at this time.

- The date the amount of secured funds will be known.

Considering the delays and resubmissions required due to public opposition unrelated to the scope of this application, the City plans to submit our final application to SWFWMD and finalize the amount of matching fund eligibility in the next few months.

Readiness for Implementation

(Step 3)

Complete the following:

25. Will the project be completed within 5 years from date funding is confirmed?

Yes: ☒_x_

No: ☐_

26. Identify each project milestones and proposed duration (no. of months) to complete each step and the total number of months or years to complete the project.

As of January 20, here is our estimated schedule:

	Task	Duration, (Days)	Date
0	Today's Date	0	01/20/15
1	Write/Approve Contract (dependant on City approval)	30	02/19/15
2	Notice to Proceed from City (for Design)	0	02/19/15
	Revise Plans (Sidewalk, Bike lanes, grass strip, undergrounding) Prepare 100% Set and Bid Set only,		
3	City review of plans (2 weeks)	90	05/20/15
4	Permitting (SWFWMD, FDEP, FDOT), Finalize Bid Documents	60	07/19/15
5	Advertise for Bid	1	07/20/15
6	Advertisement Period	30	08/19/15
7	Review Bid	5	08/24/15
8	Award Bid (dependent on City Approval)	30	09/23/15
9	Notice to Proceed from City, contracts (for Construction)	30	10/23/15
	Construction Startup Documents (submittals/shop		
10	drawings/permits)	30	11/22/15
11	Construction Duration	365	11/21/16
12	Closeout Documents (includes final inspection)	90	02/19/17

27. How long before the project can start after funds are available (months)?

We anticipate activity milestones shall remain in accordance with the anticipated schedule presented above.

28. Describe project design work, permit requirements and hurdles (federal, state, or local), and/or permitting that is in progress (*attach applicable permits or design work*).

The design for the stormwater improvement portion of this project was completed over a year ago. Overall design, however, has been delayed on several occasions due to public opposition to other components of the project (i.e. aesthetics, lane utilization, etc.). Based on the estimated schedule currently in place, we anticipate completion of

the overall project plans by late May, 2015 with final permitting to be completed not more than two months later.

The 60% design plans and SWFWMD initial application have been attached for your reference.

29. Describe any issues or reasons that may delay project start or completion.

We are hopeful that the contentions presented previously (which were unrelated to the scope of this submittal) have been resolved and we anticipate no further delays in the start of this project.

END OF QUESTIONS



DATE: April 30, 2013

**FIGURE
1**



BASIN LOCATIONS

MASTER DRAINAGE PLAN





St. Pete Beach
Stormwater Master Plan
Section 3.0: Results



 <p>CPWG COASTAL PINEWATER GROUP</p> <p>CPWG, Inc. 708 Lithia Pinecrest Road, Suite 101 Brandon FL 33510 Tel 813-361-2644 Fax 813-662-2295</p>	 <p>THE SUNSET CAPITAL OF FLORIDA</p> <p>CITY OF ST. PETE BEACH STORMWATER MASTER PLAN</p> <p>PINELLAS COUNTY, FLORIDA</p>	<p>ST. PETE BEACH 3-P COREY CAUSWAY / 75TH AVENUE NODAL MAP</p>	<p>FIGURE 3-8</p>
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St. Pete Beach
Stormwater Master Plan
Section 3.0: Results



 <p>CPWG CUBBER PINEWATER GROUP</p> <p>CPWG, Inc. 708 Lithia Pinecrest Road, Suite 101 Brandon FL 33510 Tel 813-361-2644 Fax 813-662-2295</p>	 <p>ST. PETE BEACH THE SUNSET CAPITAL OF FLORIDA</p> <p>CITY OF ST. PETE BEACH STORMWATER MASTER PLAN</p> <p>PINELLAS COUNTY, FLORIDA</p>	<p>ST. PETE BEACH 3-S 71ST AVENUE AND BOCA CIEGA DRIVE NODAL MAP</p>	<p>FIGURE 3-10</p>
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ENGINEER'S ESTIMATE

CITY OF ST. PETE BEACH

FINANCIAL PROJECT ID #:	100000-0-00-00
PROJECT DESCRIPTION:	Reconstruction of Blind Pass Road - Gulf Boulevard to 75th Avenue (Including 70th Avenue)
PAY ITEM SPEC YEAR:	2015
SUBMITTAL TYPE:	Preliminary Design Estimate
COUNTY:	Pinellas
DATE:	January 5, 2015
ENGINEERING CONSULTANT FIRM:	Michael Baker Jr., Inc.
CONTACT NAME:	Jerry A. Dabkowski, P.E.
PHONE NUMBER:	(813) 892-3892
FILE VERSION:	EE_04-14_Rev16
PAGE NUMBER:	1 of 8

$$\frac{x}{y} = 38.7\%$$

COMPONENT GROUPS

100 - DRAINAGE	X	\$1,118,785.00	1,118,785
200 - ROADWAY		\$1,000,254.72	
300 - SIGNING & PAVEMENT MARKINGS		\$20,302.42	
400 - UNDERGROUND ELECTRICAL/ LIGHTING		\$520,000.00	
500 - SIGNALIZATION		\$2,849.60	
550 - ITS	NOT USED		
600 - LANDSCAPE / PERIPHERALS		\$150,000.00	
700 - UTILITIES		\$78,470.00	
800 - ARCHITECTURAL	NOT USED		
900 - MASS TRANSIT	NOT USED		
1000 - INVALID & OTHER ITEMS	NOT USED		
CONSTRUCTION SUB-TOTAL		Y \$2,890,661.74	
(102-1) MOT (Maintenance of Traffic)	10%	0.387 x \$289,066.17	= \$111,878.5
Dewatering		\$275,000.00	= \$106,425
(101-1) MOB (Mobilization)	5%	\$144,533.09	= \$55,934.3
PU (Project Unknowns)	5%	\$144,533.09	\$55,934.3
CONSTRUCTION TOTAL		\$3,743,794.09	
Engineering (P.O.'s 1-4)		0.387 x \$149,227.20	= \$57,750.9
Engineering Ammendment		\$267,953.33	\$103,697.9
PROJECT GRAND TOTAL		\$4,160,974.62	*

NOTES: * \$1,610,402.99 represents the \$1.12M for drainage plus the equivalent portion of overall costs (MOT, Engineering, etc.)

(38.7%)

FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7

PAGE NUMBER: 2 of 8

100-Drainage

[illegible]

ENGINEER'S ESTIMATE

CITY OF ST. PETE BEACH

FINANCIAL PROJECT ID:	100000-0-00-00
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200-Roadway

[illegible]

ENGINEER'S ESTIMATE

CITY OF ST. PETE BEACH

FINANCIAL PROJECT ID:	100000-0-00-00
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300-Signing & Pavement Markings

[illegible]

ENGINEER'S ESTIMATE

FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7

FINANCIAL PROJECT ID:

100000-0-00-00

FILE VERSION:

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400-Lighting

[illegible]

ENGINEER'S ESTIMATE

CITY OF ST. PETE BEACH

FINANCIAL PROJECT ID:	100000-0-00-00
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500-Signalization

[illegible]

ENGINEER'S ESTIMATE

FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7

FINANCIAL PROJECT ID:

100000-0-00-00

FILE VERSION:

EE_09-12_Rev15

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600-Landscape & Peripherals

[illegible]

ENGINEER'S ESTIMATE

FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 7

100000-0-00-00

EE_09-12_Rev15

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700-Utilities

[illegible]

EXHIBIT B

City of St. Pete Beach

Blind Pass Road

Fee Summary Sheet

MANHOUR AND FEE ESTIMATE

		Task 1 Modify Current Design- Gulf Blvd. to 73rd	Task 2 New Design- 73rd to 75th	Task 3 Street Lighting	Task 4 Bidding and Award	Task 5 Construction Administration	Task 6 Construction Inspection	TOTAL
CLASSIFICATION	RATES	HOURS	HOURS	HOURS	HOURS	HOURS	HOURS	TOTAL
Senior Project Manager	\$187.67	15	6	1	5	12		39
Project Manager	\$184.49	86.5	47	8	13	141		295.5
Senior Engineer	\$156.88	34	38	27	0	18		117
Engineer	\$118.76	152	155	26	35	200		568
Designer	\$95.12	205	173	58	0	25		461
Technician or Inspector	\$76.79	338	238	41	0	16		633
Clerical	\$58.23	8	8	0	29	74		119
TOTAL HOURS		838.5	665	161	82	486	0	= 2232.5
LUMP SUM COSTS		\$88,079.34	\$69,363.91	\$17,652.46	\$9,181.99	\$62,756.63		= \$247,034.33
NOT TO EXCEED COSTS							\$0.00	= \$0.00

DIRECT EXPENSES							
Reproduction	\$250.00	\$250.00	\$150.00	\$500.00	\$120.00		\$1,270.00
Mileage	\$132.00	\$132.00	\$0.00	\$132.00	\$1,320.00		\$1,716.00
Postage	\$50.00	\$75.00	\$50.00	\$200.00	\$180.00		\$555.00
Inspection Directs							\$0.00
SUBCONSULTANTS							
Geotechnical (73rd to 75th)		\$2,378.00					\$2,378.00
Landscape	\$6,000.00	\$3,000.00					\$9,000.00
Survey (73rd to 75th)		\$6,000.00					\$6,000.00
TOTAL EXPENSES	\$6,432.00	\$11,835.00	\$200.00	\$832.00	\$1,620.00	\$0.00	\$20,919.00
TOTAL COSTS	\$94,511.34	\$81,198.91	\$17,852.46	\$10,013.99	\$64,376.63	\$0.00	\$267,953.33

EXHIBIT B

Blind Pass Road

City of St. Pete Beach
Task 1

Modify Current Design- Gulf Blvd. to 73rd

MANHOUR AND FEE ESTIMATE

Item/Task Description	Senior Project Manager	Project Manager	Senior Engineer	Engineer	Designer	Technician or Inspector	Clerical	Total Hours
Coordination with City Staff/ Project Management	2	10					6	18
Project Kick Off Meeting		3					2	5
Geometric Design								
Adjust Section Template				5				5
Revise Roadway Profile			2	2	8			12
Relocate Drainage Pipes		3		6				9
Analyze Cross Sections, driveway profiles				2	6			8
Revise Earthwork		5		2	10			17
Re-Evaluate utility conflicts and relocations				12				12
Documentation								
Misc. Presentation Graphics						6		6
Construction Schedule				3				3
Quality Control		4	7					11
Construction Cost Estimate				2	3			5
Review Meetings (assume 3)	3	9		3				15
Revise Plans								
Cover Sheet				1		1		2
Project layout Plan		0.5		1		2		3.5
Typical Sections		1		2		5		8
Plan Sheets	10	40	12	52	120	180		414
Signing and Marking		3	3	5		18		29
Profiles (Roadway, Drainage, Utilities)		2			20	20		42
Cross Sections		2	4	16	26	30		78
Utility Adjustments		4	6	12	12	20		54
Utility Details				8		20		28
Traffic Control Plan				18		32		50
Plot 22"x34" plans (6 Copies)						4		4
Total Hours:	15	86.5	34	152	205	338	8	838.5

EXHIBIT B

City of St. Pete Beach
Task 2

Blind Pass Road
New Design- 73rd to 75th

MANHOURLY AND FEE ESTIMATE								
Item/Task Description	Senior Project Manager	Project Manager	Senior Engineer	Engineer	Designer	Technician or Inspector	Clerical	Total Hours
Coordination with City Staff/ Project Management	2	5					6	13
Revise SWFWMD permit/ Exemption				8		6		14
FDOT Right of Way Use permit				6	4	16		26
Duke Energy Coordination for Undergrounding		4		12	10	12		38
DEP Permit, County Permit		4	4	12		16	2	38
Geometric Design								
Process Survey and Establish DTM		2		4	20			26
Intersections				5				5
Set Horizontal Alignment				4	8			12
Set Roadway Profile			2	6				8
Set Horizontal Location for Drainage Pipes		2		4				6
Review Cross Sections and Driveway Profiles				2	6			8
Earthwork Calcs					6			6
Utility conflicts and relocations				10				10
Documentation								
Misc. Presentation Graphics						3		3
Construction Schedule		1		2				3
Establish Traffic Control Scheme		1		14				15
Quality Control	2	1	6					9
Construction Cost Estimate		1		4	5		2	12
Append Plans								
Cover Sheet						1		1
Project layout Plan		1		2		4		7
Typical Sections						2		2
Plan Sheets	2	15	12	28	60	80		197
Signing and Marking		3	5	7		20		35
Profiles (Roadway, Drainage, Utilities)		2			20	30		52
Cross Sections		2	4	6	18	20		50
Utility Adjustments		3	5	10	16	18		52
Utility Details				8		6		14
Plot 22"x34" plans (6 Copies)				1		4		5
Total Hours:	6	47	38	155	173	238	10	667

EXHIBIT B

City of St. Pete Beach
Task 3

Blind Pass Road

Street Lighting

MANHOUR AND FEE ESTIMATE

Item/Task Description	Senior Project Manager	Project Manager	Senior Engineer	Engineer	Designer	Technician or Inspector	Clerical	Total Hours
Pole Placement and Photometrics		2	16		36			54
Load Calculations		2	5	10				17
Pole Details				4	7	15		26
Wiring Diagram				4	15			19
Lighting Plans		2		8		26		36
Quality review	1	2	6					9
Total Hours:	1	8	27	26	58	41	0	161

EXHIBIT B

City of St. Pete Beach
Task 4

Blind Pass Road

Bidding and Award

MANHOUR AND FEE ESTIMATE

Item/Task Description	Senior Project Manager	Project Manager	Senior Engineer	Engineer	Designer	Technician or Inspector	Clerical	Total Hours
Advertise and Coordinate Bidding	1	4						5
Distribute/Sell Bidding Documents				4			8	12
Conduct Pre-Bid Conference	4			4				8
Minutes to Pre-Bid Conference				3			6	9
Answers to Bidders/Issue Addenda		6		16			3	25
Review Bids for Responsiveness		1		5			4	10
Bid Tab				3			4	7
Recommendation Letter		2					4	6
Total Hours:	5	13	0	35	0	0	29	82

EXHIBIT B

Blind Pass Road

City of St. Pete Beach
Task 5

Construction Administration

MANHOUR AND FEE ESTIMATE

Item/Task Description	Senior Project Manager	Project Manager	Senior Engineer	Engineer	Designer	Technician or Inspector	Clerical	Total Hours
General Coordination with the City	6	20		8			16	50
General Coordination with the Contractor		30	6	4			12	52
Pre-Construction Conference			4				4	8
Review Shop Drawings/Submittals		4		48			4	56
Review Pay Applications		5		8			1	14
Review Test Results			6	20				26
Meetings- Assume every two weeks (20 total)		40		40				80
Periodic Site Visits (10 Visits)	6	30		12			6	54
Review and Respond to RFI's				28	9		6	43
Prepare Change Orders				6			10	16
Final Inspection/ Punch List items		8		8			4	20
Review/ Submit Record Drawings			2		8	16	2	28
Review Contractor's Closeout Documents		2		8			6	16
Submittal of Final Report		2		10	8		3	23
Total:	12	141	18	200	25	16	74	486

SIMILAR PROJECTS

The CPWG team has a great deal of stormwater master planning across Florida. Below is a sampling of this experience.

Project: St. Pete Beach Stormwater Utility

Scope and Responsibilities: Implement Phase 2 of the City's Stormwater Utility Funding Mechanism including: 1) Review Existing Program: An annual stormwater budget of \$616,000 was developed that included: management and operational staff salaries, equipment for maintain and construction of stormwater facilities, two capital improvement projects annually, street sweeping and other critical stormwater elements for the City. 2) Data Collection: A statistic valid sample of 511 single family residential houses were digitized to determine the standard Equivalent Residential Unit (ERU) which is comprised of 3,813 square feet of imperious area and is 46% imperious. All of the commercial and condominium complexes were also digitized to assist in accurately determining the appropriate assessment charge. 3) Evaluate Various Rate Structures: Various ERU rates and mitigation credit alternatives were developed. The recommended rate is \$36 per parcel plus \$44.3 per ERU for the variable assessment. 4) Mitigation Credit Policy 5) Appeals Policy 6) Develop a final report.

Cost: \$75,840

Contact Information: Steve Hallock 727-363-9243

Staff Involved in Project: Steve Tarte, Jeff Earhart, Bill Spearman



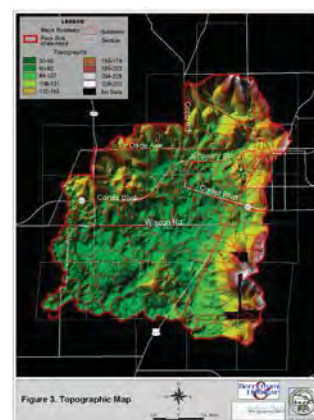
Project: Peck Sink Stormwater Manage Master Plan

Scope and Responsibilities: A stormwater master plan was developed for a 17 square mile watershed in Hernando County. Tasks included: hydrologic and hydraulic parameter development, basin delineation, stormwater inventory, ICPR modeling, model calibration, alternative analysis, and public information. The project was performed in accordance with SWFWMD Guidelines and Specifications.

Cost: \$350,000

Contact Information: Gene Altman – 1-800-423-1476 x4248

Staff Involved in Project: Jeff Earhart



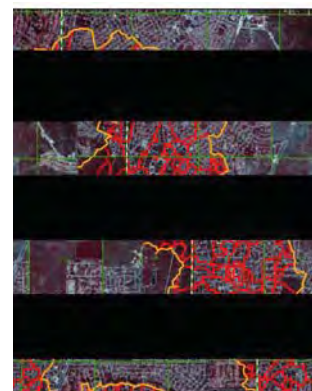
Project: Weeki Wachee Stormwater Management Master Plan

Scope and Responsibilities: A stormwater master plan was developed for an 11 square mile watershed in Hernando County called Weeki Wachee. Tasks included: Hydrologic and hydraulic parameter development, basin delineation, stormwater inventory, ICPR modeling, model calibration, alternative analysis, and public information. The project was performed in accordance with SWFWMD Guidelines and Specifications.

Cost: \$250,000

Contact Information: Larry Walker – 1-800-423-1476 x4409

Staff Involved in Project: Jeff Earhart



Project: Osceola County Stormwater Master Plan

Scope and Responsibilities: responsible for updates and revisions to the hydrologic and hydraulic model previously prepared for the county in an earlier Surface Water Management Study. H&H model incorporated GIS database to provide flood stages and durations throughout the northern portion of the county.

Cost: \$55,000

Contact Information: Kimberly Lawrence 407-742-0542

Staff Involved in Project: Sue Woodbery, Jeff Earhart

Project: City of Leesburg Stormwater Master Plan

Scope and Responsibilities: Develop a complete stormwater master plan for an 8 square mile

watershed that encompasses primarily the City of Leesburg. Tasks included: Hydrologic and hydraulic parameter development, basin delineation, stormwater inventory, SWMM and ICPR modeling and alternative analysis. Subsequent design phases were also undertaken.

Cost: \$xx

Contact Information: Deral Craine 352-728-9835

Staff Involved in Project: Sue Woodbery, Jeff Earhart

Project: Howell Creek Basin – Deer Run Area Master Plan and Red Bug Lake Road Regional Stormwater Facility Project

Scope and Responsibilities: Developed a complete stormwater master plan for a 1,087 acres watershed in Seminole County. A complete system inventory for performed, along with an ICPR water quantity model and a three different water quantity models. Alternative were recommended and a regional stormwater facility concept was chosen for implementation. Complete design plan, permitting and construction observation services were also provided.

Cost: \$233,000

Contact Information: Bob Walter, 407-665-5753

Staff Involved in Project: Sue Woodbery, Jeff Earhart, Steve Tarte



Project: Howell Branch Chain of Lake Master Diagnostic Study

Scope and Responsibilities: The City of Orlando desired to reduce stormwater pollutant loads to several lakes in the City limits that have been listed by the Florida Department of Environmental Protection (FDEP) as impaired water bodies. Spring Lake, Lake Adair, Lake Concord, and Lake Winyah are part of a group of interconnected lakes known as the Howell Branch Chain of Lakes. These lakes collectively form the headwaters of the Howell Branch Creek drainage basin in the City that ultimately discharges through Lake Howell to Lake Jesup in Seminole County. Both Lake Howell and Lake Jesup are listed by the FDEP as impaired. The primary objective of the study was to identify feasible stormwater retrofit projects for the impaired water bodies of the Howell Branch Chain of Lakes. The tasks performed include: 1) Collect and review existing drainage studies performed for the Howell Branch Chain of Lakes in the Study Area; 2) Evaluate available stormwater infrastructure data; 3) Perform field reconnaissance to observe major stormwater features; 4) Delineate drainage sub-basins of the impaired water bodies within the Howell Branch Creek drainage basin not yet completed; 4) Calculate pollutant loads in stormwater flow to the impaired water bodies in the Study Area using a simple spreadsheet model; 5) Identify available City owned lands and drainage easements for locating water quality improvement projects; 6) Identify water quality improvement projects; 7) Calculate pollutant load reductions from proposed retrofit projects; 8) Provide engineer's opinion of probable cost; and 9) Prioritize the retrofit projects for implementation.

Cost: \$86,500

Contact Information: Jim Hunt, 407-246-3646

Staff Involved in Project: Sue Woodbery, Jeff Earhart, Steve Tarte



Project: Lake Lawne Water Quality Improvement Master Plan

Scope and Responsibilities: The Lake Lawne Water Quality Improvement Project is located in north Orange County, within the Little Wekiva River Watershed. The purpose of this project is to develop stormwater water quality improvement alternatives for the 4.4 square mile Lake Lawn Watershed. The alternatives investigated included: wet detention ponds, alum/chemical treatment and algal turf system. The following tasks were performed: 1) Data Collection; 2) Stormwater Model Update; 3) Permitting; 4) Alternative Analysis and 5) Final Report.

Cost: \$24,838

Contact Information: Ron Novy, 407-836-1409



Staff Involved in Project: Sue Woodbery, Jeff Earhart, Steve Tarte

Project: Lowd Street Canal Area Stormwater Improvement Master Plan

Scope and Responsibilities: A stormwater master plan and associated ICPR model for the 638.7 acre watershed was developed. The purpose of the project was to provide flood relief for the area, water quality improvements to the river and lagoon, improve the aesthetics of the area. Tasks included in this scope of work were project management, data collection and kick-off meeting, surveying services, geotechnical services, prepare construction plans, technical specifications, cost estimate, meetings, permitting services, environmental services, bidding phase and construction management. Coordination was required with the City Manager, Public Works Director, New Smyrna Beach Electrical Utility, St. Johns River Water Management District, Department of Community Affairs, a CDBG grant consultant, surveyor, geotechnical engineering, and various contractors. A SJRWMD ERP permit was received.



Cost: \$75,000

Contact Information: Kyle Fegley, 386-424-2168

Staff Involved in Project: Jeff Earhart, Steve Tarte

Project: Watershed Models Reviews, Southwest Florida Water Management District

Scope and Responsibilities: Watershed model reviews of existing floodplain models that have been developed by Hillsborough (SWMM Models) and Sarasota (ICPR Models) counties. The purpose of the review was to determine if the models were adequate for use as an Environmental Resource Permit (ERP) review tool, and includes an assessment of the existing models' conformance to District standards for model development. The review included: Watershed Model Database Review; Subbasin Delineation Verification; Subbasin Hydrologic Data and Parameter Verification; Rainfall Review; Junction/Reach Connectivity Development and Review; Hydraulic Data and Parameter Verification; Storage Verification; Review of Watershed Model Results; Report Generation and Presentations. The reviewed were East Lake, Curiosity Creek, and Duck Pond (in Hillsborough County) along with Hatchett and Curry creeks (in Sarasota County.)

Cost: \$125,000

Contact Information: Dawn Turner, SWFWMD, 352-796-7211 x 4199

Staff Involved in Project: Jeff Earhart

Project: Shingle Creek Drainage Basin Master Stormwater Management Study, Orange County

Scope and Responsibilities: Developed a completed Master Stormwater Management Study for an 81 square mile watershed in central Orange County. Tasks included: Hydrologic and hydraulic parameter development, basin delineation, water quality modeling, adICPR modeling, model calibration, alternative analysis, cost estimation, implementation, prioritization and public information.

Cost: \$300,000

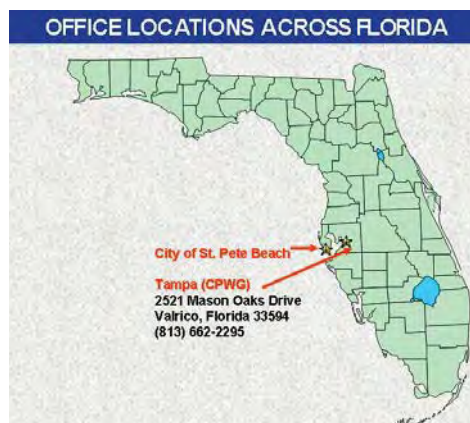
Contact Information: Mike Drozeck, Orange County, 407-836-7990

Staff Involved in Project: Jeff Earhart

CPWG has had no legal claims made against it on any projects.

TEAM LOCATION

As illustrated in the graphic to the right, our office is less than an hour's drive to provide top quality, rapid service to the City of St Pete Beach. CPWG has four professional engineers on staff. Our combined team has over 100 professional engineering staff available.



The professionals at CPWG have, on average, 20 years of Florida experience. The majority of our staff



has worked for both public and private agencies, allowing our professionals a unique perspective into the everyday challenges facing public agencies, and how to work as a consultant to better serve such agencies – effectively and at the least cost. Given our relatively small size, we take pride in being able to dedicate ourselves to meeting and exceeding our clients’ budgetary constraints that might hamper other consultants with higher overhead costs and multi-layered organizational structures. In addition, our flat organizational structure allows expeditious response to clients’ requests with no layers of bureaucracy to navigate prior to decision making.

Jeff Earhart, Technical Project Manager

Mr. Earhart has managed many Florida stormwater projects for such entities as the City of Orlando, Orange County, Volusia County, Seminole County, City of Lake Mary, City of Oviedo, City of Mount Dora, St. Johns River Water Management District, Southwest Florida Water Management District, and the South Florida Water Management District among others. In addition to Mr. Earhart’s experience, he also possesses a Masters Degree in both Water Resources Engineering and Engineering Management and received the ASCE Florida Section 2003 Young Engineer of the Year Award and the Engineer of the Year Award in 2009. Mr. Earhart’s recent Florida stormwater utility implementation experience includes: City of Maitland, Orange County, Martin County, Sarasota County, City of Cape Canaveral, City of Palmetto, City of Orlando, City of Winter Springs, City of Altamonte Springs and City of Port St. Lucie.



MASTER STORMWATER MANAGEMENT PLAN PROJECTS

- Peck Sink Stormwater Manage Master Plan, Southwest Florida Water Management District
- Peck Sink Stormwater Manage Master Plan, Southwest Florida Water Management District
- City of Leesburg Stormwater Master Plan, City of Lessburg
- Osceola County Stormwater Master Plan, Osceola County
- Howell Creek Basin – Deer Run Area Master Plan, Seminole County
- Howell Branch Chain of Lake Master Diagnostic Study, City of Orlando
- Lake Lawne Water Quality Improvement Master Plan, Orange County
- Lowd Street Canal Area Stormwater Improvement Master Plan, New Smyrna Beach
- Shingle Creek Drainage Basin Master Stormwater Management Study, Orange County
- East Branch Watershed Stormwater Master Plan, City of Tallahassee
- Deep Creek Gully Stormwater Management Master Plan, Southwest Florida Water Management District/DeSoto County
- Western Hillsboro Basin Water Quality Monitoring Program, South Florida Water Management District
- Assessment of Pollution Sources in the Newnans Lake Watershed, St. Johns River Water Management District
- Deltona Master Stormwater Management Plan, Volusia County
- Dixie/Lafayette County Stormwater Master Plan, Suwannee River Water Management District
- Big Wekiva Engineering Study and Drainage Inventory, Seminole County
- Howell Creek Drainage Basin Inventory Study, Seminole County
- Little Wekiva River Drainage Basin Inventory Study, Seminole County
- Martin County Stormwater Master Plan, Martin County

Steve Tarte, Project Staff

Mr. Tarte has extensive experience providing services in the water resources, stormwater and consulting engineering field. Mr. Tarte has developed and managed projects with municipal, state, federal agencies. Mr. Tarte has managed projects in over fifteen states including Florida public agencies such as Orange County, Lake County, Hillsborough County, Seminole County, Martin County, City of Maitland, City of Orlando, City of Tampa, City of Tallahassee, the Southwest Florida, Northwest Florida, Suwannee River, St. Johns and South Florida Water Management Districts; the Army Corps of Engineers Districts (St. Paul, St. Louis, Rock Island, Vicksburg, New Orleans, Jacksonville, and the Waterways Experiment Station); the Fish and Wildlife Service, National Park Service, and the US Geological Survey. Mr. Tarte has provided extensive administrative and technical leadership in assuring complete client satisfaction on many projects. Mr. Tarte provides this same service for the City of St. Pete Beach’s Stormwater Utility Project.



-
- Howell Branch Chain of Lakes Diagnostic Study, City of Orlando, FL
 - Red Bug Lake Regional Stormwater Facility, Seminole County, FL
 - Lake Lawne Stormwater Master Plan, Orange County, Florida
 - Lowd Street Canal Area Stormwater Improvement Master Plan, New Smyrna Beach
 - Western Hillsboro Basin Water Quality Monitoring Program, South Florida Water Management District

Sue Woodbery, PE, Project Engineer

Ms. Woodbery will work along side Mr. Earhart to perform the stormwater master plan for the Cit of St. Pete Beach. Sue has over 25 years experience in stormwater quantity, quality, design and inspection. Ms. Woodbery manages projects that have included stormwater master planning, watershed management; GIS field mapping, stormwater infrastructure inventory, hydrologic and hydraulic modeling, pollutant load analysis, stormwater retrofit design for water quality improvements, wetland delineation, wetland impact evaluation, wetland mitigation and endangered species surveys. A sampling of here stormwater master plan experience includes:

- City of Leesburg Stormwater Master Plan
- City of Apopka Drainage Master Plan
- Osceola County Surface Water Management and Funding Alternative Plan
- Polk County Country Village Stormwater Master Plan
- Howell Branch Chain of Lakes Diagnostic Study, City of Orlando, FL
- Red Bug Lake Regional Stormwater Facility, Seminole County, FL
- Lake Lawne Stormwater Master Plan, Orange County, Florida

Scott Hagen, PhD, PE, Sea Level Rise Expert

Dr. Hagen has been a professor at the University of Central Florida since 1997. During that time he has performed over 13 million dollars worth of research (95% from Federal sources). He specializes in ocean modeling with some emphasis in climate change and sea level rise. He is currently working on a \$2.9 million study on "Integrated Modeling to Assess the Ecological Impacts of Sea Level Rise" funded by NOAA, NOS, CSCOR, and EESLR Program.

Vince Bradley, PE, Project Engineer

Mr. Bradley has 27 years experience providing engineering services in Florida. Mr. Bradley is a native of Tampa and has devoted his entire career serving clients in the Tampa Metro Area. Mr. Bradley manages projects that have included stormwater master planning, watershed management; GIS field mapping, stormwater infrastructure inventory, hydrologic and hydraulic modeling, pollutant load analysis, stormwater retrofit design for water quality improvements, wetland delineation, wetland impact evaluation, wetland mitigation and endangered species surveys.

Bill Spearman, NPDES and TMDL Leader

Mr. Spearman has over 34 years of experience in stormwater management, stormwater utility creation and implementation, erosion prevention, and sediment control. His project experience includes research and evaluation of erosion prevention and sediment control materials on federal and state projects, development of stormwater management and sediment control programs and ordinances for local governments, development of statewide stormwater management and sediment control programs and laws, development of stormwater master plans and modeling for state and local governments, and development and presentation of stormwater management and sediment control training programs. Mr. Spearman has also served as an Adjunct Professor in the Civil Engineering Department at the University of South Carolina with teaching responsibilities in environmental and water resources engineering.

A complete protect team organizational chart is presented below. The following statement serves as Affidavit and/or commitment letter as requested in the RFP. CPWG commits that Mr. Jeff Earhart and Mr. Steve Tarte will be the project managers on this project.



TEAM ORGANIZATION

Baker realizes it is imperative that all projects are managed and designed with the utmost regard to cost, schedule, and quality control. We will ensure that the City's administration, staff, and residents receive the highest caliber product that will build an excellent reputation for the City.

The City of St. Pete Beach staff anticipates the selected firms will handle a project assignment from inception to completion. Baker has a strong proven track record of this same requirement. Baker will never leave a project open until all questions, issues, permits, and contractual arrangements are delivered.

Mr. Jerry Dabkowski, P.E., your designated **Project Manager**, will be responsible for assuring complete satisfaction for the City in all aspects of traffic, planning, and civil engineering. Satisfaction means a very clear scope of services by all parties, assigned personnel who are experts in the field of scope, a realistic schedule that will meet the clients' needs, reasonable negotiated fees that follow the industry standards, a quality control process that is tailored to the scope, a finished product that the client will be proud of, and finally, a positive reply from the City of St. Pete Beach that Baker will be proud to share.



Under the direction of Mr. Dabkowski, several general consulting services have been provided to many local governments in Florida. Services included: administration, survey, right-of-way survey, roadway design, drainage, utility design, traffic signal, pavement marking, maintenance of traffic designs, CADD, construction inspection, bridge inspections, and expert witness. Clients that were served under these general consultant contracts included the cities of Tampa, Gainesville,

Dunedin, Keystone Heights, St. Augustine Beach, Largo, St. Pete Beach, Town of Southwest Ranches, Treasure Island, St. Petersburg, and Newberry. Counties served include: Pasco, Pinellas, Sumter, Sarasota, Hillsborough, Nassau, Lee, and St. Johns. These projects account for more than \$250,000,000 in construction fees.

Mr. Dabkowski will be supported by a group of professionals with a wealth of experience in the scope of services required for this Engineering Services contract. The majority of our proposed Team will be performing their assigned discipline from Baker's Tampa office. Our major subconsultants, George F. Young, Inc. and MC Squared, Inc. are both located in Tampa or St. Petersburg. Crowder Gulf is headquartered in Alabama, but has satellite offices in Florida.

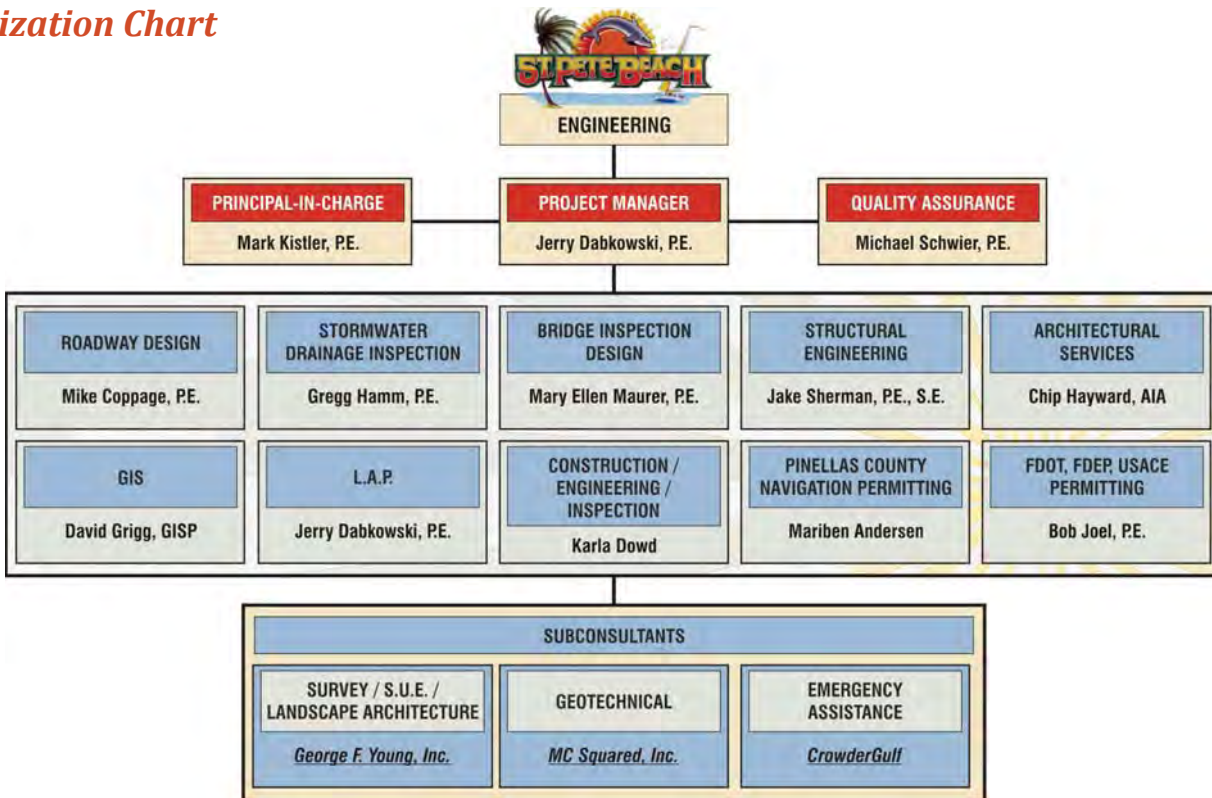
An organization chart is included on the following page. Two-page resumes of key personnel are included in the Tab entitled **Exhibits**.

Baker has extensive resources to service your projects, with over 3,400 total staff worldwide, 703 of which are registered professional engineers. In Florida, Baker has 85 staff members, of which 33 are registered professional engineers and three are registered architects.





Organization Chart



The following team members comprise the principals and key personnel of Baker for your projects. Full resumes can be found in the **Exhibits** tab.

Jerry Dabkowski, P.E. – Director of Local Government Services

Professional Engineer: FL #34810; B.S., Civil Engineering, 1979. Mr. Dabkowski will serve the City of St. Pete Beach as the Project Manager. He is responsible for assuring complete client satisfaction in all aspects of traffic, planning, and civil engineering. Under the direction of Mr. Dabkowski, several general consulting services have been provided to many local governments in Florida. Services have included: administration, L.A.P. projects, right-of-way survey, roadway design, drainage, utility design, traffic signal, pavement marking, maintenance of traffic designs, CADD, construction inspection, bridge inspections, and expert witness.

Mark Kistler, P.E. – Assistant Vice President

Professional Engineer: FL #64449; M.S., Civil Engineering, 1992; B.S., Civil Engineering, 1991. Mr. Kistler will serve as Principal-In-Charge of this contract. As such, he will ensure that the City of St. Pete Beach is served to the best ability, creating value while delivering solutions. Mr. Kistler has more than 19 years of experience in the transportation engineering industry. His areas of expertise are in geometric design, grading, drainage, erosion control, pavement design, cost estimating, stormwater permitting, project management, and construction administration.

Michael Schwier, P.E. – Principal, Director of Structures

Professional Engineer: FL #53948; M.S., Civil Engineering, 1993; B.S., Civil Engineering, 1992. Mr. Schwier will serve as the Quality Assurance Officer of this contract. As such, he will ensure that the City of St. Pete Beach receives Baker's commitment of providing quality professional engineering services. Mr. Schwier has over 20 years of structural engineering experience including all aspects of bridge design and rehabilitations, and has also been involved in several bridge inspection projects, including fracture critical inspections.



Mike Coppage, P.E. – Roadway Design

Professional Engineer: FL #73428. Education: B.S., Civil Engineering, 2006. Mr. Coppage has six years of experience with a background in various disciplines of civil engineering, enabling him to complete projects while minimizing impacts to adjacent facilities. His expertise extends to planning, landside civil design, construction management and inspection, grant administration, and other associated services.

Gregg Hamm, P.E. – Stormwater Drainage Design

Professional Engineer: FL #69760. Education: B.S.C.E., Transportation, 2003. Mr. Hamm has nine years of experience in local roadway facilities, and geometric design. He also has experience in roadway facilities in accordance with FDOT requirements. Mr. Hamm has prepared stormwater management reports and applications which include stormwater pollution prevention plans, pre-development maps, post-development maps, and flood plain compensation calculations.

Mary Ellen Maurer, P.E. – Bridge Inspection

Professional Engineer: FL #44737; Education: B.S., Civil Engineering, 1986; A.A., Architecture, 1982. Ms. Maurer has over 25 years of progressive civil engineering experience. She has served as a Senior Project Manager and Senior Project Engineer serving state and local agencies. Ms. Maurer's areas of expertise include managing roadway and bridge construction projects from programming, funding, design, design reviews, construction supervision and inspection, to final acceptance of work and project close out.

Jacob Sherman, P.E., S.E. – Structural Engineering

Professional Engineer: FL #67269. Education: Masters, Civil Engineering and Structures, 2003; Bachelors, Construction Engineering and Management, 2001. Mr. Sherman has 10 years of structural design experience. He has extensive experience designing bridges, having worked on multiple bridge projects in Florida, throughout the Carolinas, and Missouri. His specific duties include conventional design on design-bid-build and design-build projects, rehabilitation, inspection, and load rating. Mr. Sherman has effectively demonstrated abilities to provide sound, innovative, and cost-effective solutions to client issues from project inception to construction.

William "Chip" Hayward, AIA, CSI – Architectural Services

Registered Architect: FL #AR0011007. Education: M.S., Architecture, 1981; B.S. Architecture, 1979. Mr. Hayward has over 30 years of experience, involving over \$2.2 billion dollars worth of successful construction projects. This extensive experience includes a myriad of project types including government facilities, roof projects, office buildings, hotels, condominiums, convention centers, parking garages, and recreation and sports complexes.

David Grigg, GISP – GIS

M.S., Earth and Environmental Resource Management, 2000; B.S., Biology, 1997. Mr. Grigg is a GIS Specialist with 12 years of experience in the collection, creation, and management of data for use in both surface transportation and aviation projects. He has implemented GIS for facility management, roadway impact analysis, environmental resource management, and hydraulic calculations for bridge studies. He is technically proficient with the latest Esri GIS software and related products.

Karla Dowd – Construction Engineering / Inspection

Education: A.A.S., Civil Engineering and Surveying, 1985. Ms. Dowd has 23 years of experience in design and plan production for the Departments of Transportation in Florida, North Carolina, South Carolina, and Georgia. Her areas of expertise include structural design, geometric design, resurfacing, and plans preparation.

Mariben Andersen – Pinellas County Navigation Permitting

Certification: FAA Qualified Wildlife Hazard Biologist. Education: B.S., Biology-Ecology, 1982. As a scientist for more than 30 years, Ms. Andersen has extensive experience in managing and conducting biological assessments and related studies, including diagnostic studies, water quality studies, biological sampling and analysis, habitat and vegetative mapping, herpetological monitoring, wildlife surveys, ichthyological sampling, benthic invertebrate sampling, sediment

https://www21.swfwmd.state.fl.us/CFExternal/ExternalUserApplication.aspx?id=3670

RE: Restore Grant Application -...swfwmd cooperative funding -...Cooperator Funding Initiative

FavoritesToolsHelp

minutes.

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

Cooperative Funding Initiative

My Account

My Applications

Project Guidelines & Maps

Help

Log Out

View)

Application

Project Type

Description

Organizations Efforts

Funding

Documents

Milestones

Save & Submit Options

Amounts entered must be in dollars between 0 and 9999999999. As you may be aware, the District's Basin Boards have been merged into the Governing Board, but the Basin Board boundaries remain. Please choose which basin/basins will benefit from your project.

Application Funding

Edit	Funding Source	Prior Funding	FY 2014 Funding	FY 2015 Funding	Future Amount
Edit	Applicant Share	\$125,250	\$1,167,000	\$1	\$351,750
Edit	Pinellas Apptote	\$	\$311,734	\$7	\$351,750
Totals		125250	1498734	2	703500
Grand Total					2327486

☐ checkbox (if requesting a reduction in matching fund requirements pursuant to s. 288.0656), F.S.

[defines pursuant to the Rural Economic Development Initiative](#)

ected, provide required documentation of qualification under the Rural Economic Development Initiative.

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

FY2015 COOPERATIVE FUNDING INITIATIVE APPLICATION FORM

Project Name Blind Pass Road Improvements
Project Number
Cooperator St. Petersburg Beach
Department Public Services Department
Contact Person Renee Cooper
Address 155 Corey Ave.
City State Zip St. Pete Beach, FL 33706
Phone # 727-363-9254
Email r.cooper@stpetebeach.org

Project Type:

☐ Water Supply ☒ Water Quality ☒ Flood Protection ☐ Natural Systems

Strategic Initiatives:

<input checked="" type="checkbox"/> Water Quality Maintenance and Improvement	<input type="checkbox"/> Water Quality Monitoring
<input type="checkbox"/> Alternative Water Supply	<input type="checkbox"/> Conservation
<input type="checkbox"/> Reclaimed Water	<input type="checkbox"/> Regional Water Supply Planning
<input type="checkbox"/> Emergency Flood Response	<input checked="" type="checkbox"/> Floodplain Management
<input type="checkbox"/> Minimum Flows and Level Establishment and Monitoring	<input type="checkbox"/> Minimum Flows and Levels Recovery
<input type="checkbox"/> Natural Systems Conservation and Restoration	<input type="checkbox"/> Natural Systems Identification and Monitoring

Indicate All Counties to Benefit From Project:

<input type="checkbox"/> Charlotte	<input type="checkbox"/> Citrus	<input type="checkbox"/> Desoto	<input type="checkbox"/> Hardee	<input type="checkbox"/> Hernando	<input type="checkbox"/> Highlands	<input type="checkbox"/> Hillsborough	<input type="checkbox"/> Lake
<input type="checkbox"/> Levy	<input type="checkbox"/> Manatee	<input type="checkbox"/> Marion	<input type="checkbox"/> Pasco	<input checked="" type="checkbox"/> Pinellas	<input type="checkbox"/> Sarasota	<input type="checkbox"/> Sumter	<input type="checkbox"/> Polk

Project Description:

The City of St. Pete Beach began planning and designing the reconstruction of Blind Pass Rd., from Gulf Blvd. to 73rd Ave., years ago. The roadway design began with the assistance of a federal earmark (2009 Omnibus Appropriations Bill) and FDOT taking the helm on design of the roadway. The earmark did not encompass any utility improvements. The City has since given up the remainder of the federal earmark, now utilizing City funds, and undertaken the completion of the design of the roadway to include the addition of a new stormwater collection and conveyance system. The design includes narrowing the roadway thereby reducing the impervious surface area; and adding the new stormwater collection system, including a baffle box with a tidal control device located at the outfall location.

On August 11, 2009, the City agreed to a Stormwater Special Assessment and continued with a court validation of the Assessment. The City has implemented a two-tier (fixed tier in 2010 and variable tier in 2011) stormwater assessment for a now fully funded stormwater program. Stormwater related projects are now budgeted and completed under this dedicated funding source.

In 2012, the City updated its original 1993 Stormwater Master Plan. The Master Plan modeled 25 of the City's drainage basins and identified capital improvement projects for each associated basin. The City has budgeted to model additional basins on a yearly basis until all have been completed. The goal is to provide a level of service that limits flooding during the 25-year, 24-hour storm event along with addressing tidal flooding issues and installing BMPs to improve water quality. Four additional drainage basins were studied in order to properly design the stormwater system for the Blind Pass Road Rd. project. The consultant offered options to the City for flood control and water quality. The City chose the option that offered capacity for future improvements of surrounding basins. With a fully funded stormwater program, the City plans to continue stormwater capital improvements well into the future.

Describe your organizations efforts in developing, implementing and enforcing water conservation and flood protection ordinances.

The City of St. Pete Beach has a Code of Ordinances in place for Flood Control, Damage Prevention, and Stormwater.

- St. Pete Beach, Florida, Code of Ordinances, PART II - CODE OF ORDINANCES, Chapter 98 - BUILDINGS AND BUILDINGREGULATIONS, ARTICLE V. FLOOD HAZARDMITIGATION REGULATIONS.
- St. Pete Beach, Florida, Code of Ordinances, PART II - CODE OF ORDINANCES, Chapter 106 -FLOOD CONTROL, ARTICLE II. - DRAINAGEREGULATIONS
- St. Pete Beach, Florida, Code of Ordinances, PART II - CODE OF ORDINANCES, Chapter 106 -FLOOD CONTROL, ARTICLE III. STORM WATER

- Ord. No.2003-11, § 1, 6-17-03: This ordinance shall be known and may be cited as the City of St. Pete Beach Flood Damage Prevention Ordinance

The City of St. Pete Beach also has in place a set of codes and ordinances for water conservation during a declared water shortage.

- St. Pete Beach, Florida, Code of Ordinances, PART II - CODE OF ORDINANCES, Chapter 86 –UTILITIES, ARTICLE III. WATER SHORTAGE REGULATIONS

Enforcement of all City of St. Pete Beach codes runs through the Community Development Department. This department staffs Code Enforcement, the Building Code Administrator, and the Building Inspector. The Public Services Department is trained as required by the NPDES permit in stormwater management, illicit discharge, etc. All employees recognize when to call Code Enforcement for code violations.

Funding Source	Prior Funding	FY2014 Budget	FY2015 Budget	Future Funding	Total Funding
Applicant Share	125,250	1,187,000			1,312,250
Total	125,250	1,187,000			1,312,250

Matching Fund Reduction

☐ Check here if requesting a reduction in matching funds requirement pursuant to s.288.06561, F.S.

Timelines

Blind Pass Rd. - Construction

Milestone	Projected Date
Bid Project	03/03/2014
Begin Construction	04/14/2014
Complete Construction	12/31/2014

Blind Pass Rd. - Design

Milestone	Projected Date
Complete Design	01/01/2014

COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
SIGNALIZATION PLANS

A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
1A	NOTES TO REVIEWERS
2	SUMMARY OF PLAN ITEMS
3	TYPICAL SECTION
4 - 5	SUMMARY OF QUANTITIES
6	SUMMARY OF DRAINAGE STRUCTURES
7	REFERENCE POINTS
8	GENERAL NOTES
9 - 12	PLAN SHEETS
13 - 15	PROFILE SHEETS
16	SPECIAL DETAILS
17 - 27	CROSS SECTIONS
28 - 29	STORM WATER POLLUTION PREVENTION PLAN
30 - 33	TRAFFIC CONTROL PLANS
34 - 36	UTILITY ADJUSTMENTS

GOVERNING STANDARDS AND SPECIFICATIONS:
Florida Department of Transportation, 2013 Design Standards and
revised Index Drawings as appended herein, and 2013 Standard
Specifications for Road and Bridge Construction, as amended by
Contract Documents.

For Design Standards click on the "Design Standards" link at the
following web site:
<http://www.dot.state.fl.us/rddesign/>

For the Standard Specifications for Road and Bridge
Construction click on the "Specifications" link at the following
web site:
<http://www.dot.state.fl.us/specificationsoffice/>

REVISIONS

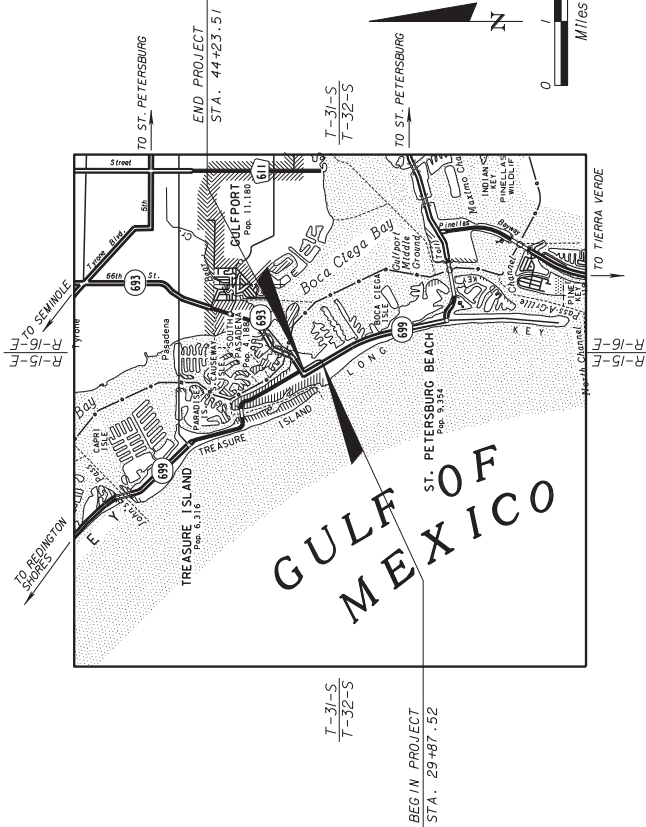
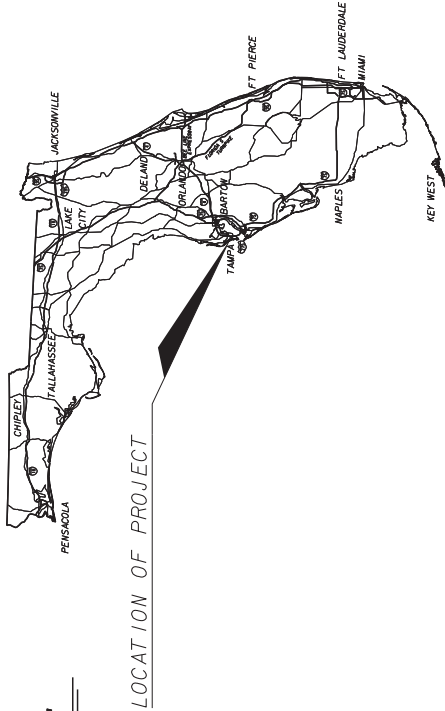
LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	1436.00	0.272
BRIDGES	0.00	0.000
NET LENGTH OF PROJECT	1436.00	0.272
EXCEPTIONS	0.00	0.000
GROSS LENGTH OF PROJECT	1436.00	0.272

PROJECT MANAGER: STEVE HALLOCK

CITY OF ST. PETE BEACH
PUBLIC SERVICES DEPARTMENT

CONTRACT PLANS

PINELLAS COUNTY
BLIND PASS ROAD
FROM GULF BLVD. TO 73RD AVE.



ROADWAY SHOP DRAWINGS
TO BE SUBMITTED TO:
GERALD A. DABKOWSKI, P.E.
4503 WOODLAND CORPORATE BOULEVARD
SUITE 400
TAMPA, FL 33614
PHONE: (813) 889-3892

PLANS PREPARED BY:
MICHAEL BAKER JR., INC.
4503 WOODLAND CORPORATE BOULEVARD
SUITE 400
TAMPA, FL 33614
TAMPA, FL 33614
VENUE CONTRACT NO. C9089
VENUE NO. 23928638
CERTIFICATE OF AUTHORIZATION NO. 28861

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

60% SUBMITTAL
OCTOBER 4, 2013

ROADWAY PLANS
ENGINEER OF RECORD: GERALD A. DABKOWSKI, P.E.

P.E. NO. 34810

KEY SHEET REVISIONS	
DATE	DESCRIPTION

FISCAL YEAR	SHEET NO.
13	1

NOTES TO REVIEWERS

PROJECT DESCRIPTION

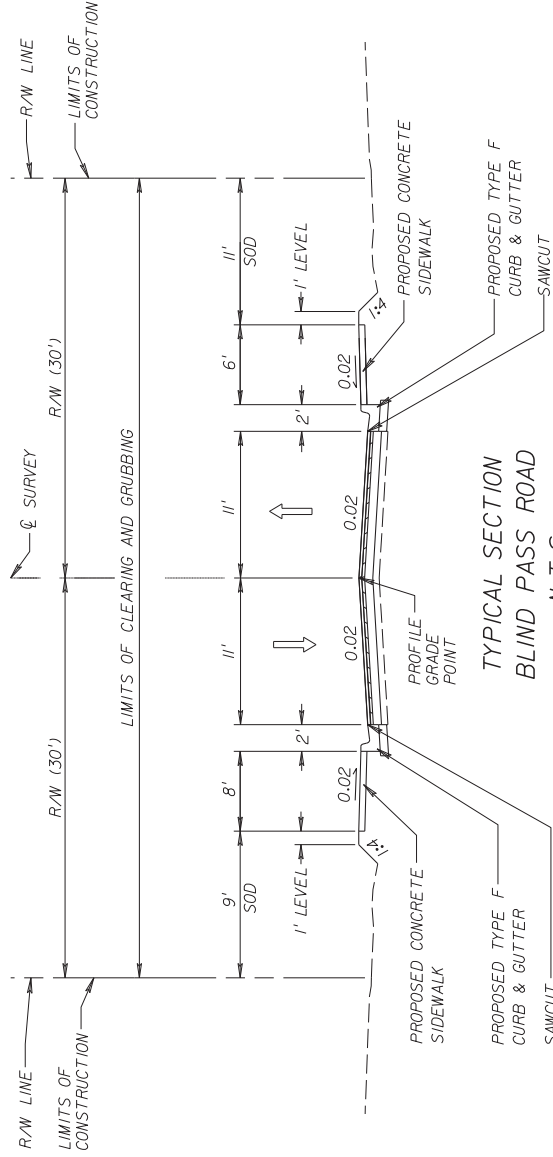
THE PROPOSED PROJECT IS LOCATED IN PINELLAS COUNTY AND IS BEING DESIGNED FOR THE CITY OF ST. PETE BEACH. BLIND PASS ROAD FROM EAST OF SR 699 (GULF BLVD.) TO SOUTH OF SR 693 (75TH AVE.) IS A TWO-LANE URBAN SECTION WITH A TWO-WAY LEFT TURN CENTER LANE, 1/2 FEET TRAVEL LANES, CLOSED DRAINAGE SYSTEM AND DROP CURBS. IN ADDITION, THERE IS EXISTING CONCRETE SIDEWALK ON BOTH SIDES OF BLIND PASS RD. FROM 72ND AVE. TO SR 693 (75TH AVE.) AND HIGH EMPHASIS CROSSWALKS AT THE INTERSECTION OF BLIND PASS RD. & COREY AVE. THE TYPICAL EXISTING RIGHT-OF-WAY WIDTH IS 60 FT., THE POSTED SPEED LIMIT IS 25 MPH AND THERE ARE NO BRIDGES WITHIN THE PROJECT LIMITS. THIS SEGMENT OF BLIND PASS ROAD IS NOT A DESIGNATED EVACUATION ROUTE, AND IS NOT PART OF THE FLORIDA STATE HIGHWAY SYSTEM.

THE PURPOSE OF THIS 0.352 MILE PROJECT IS TO IMPROVE THE CONDITION OF THE ROADWAY BY PAVEMENT REHABILITATION, DRAINAGE IMPROVEMENTS, REPLACING SIGNING AND PAVEMENT MARKINGS, CONSTRUCTING SIDEWALKS, AND UPGRAADING CURB RAMPS TO MEET ADA REQUIREMENTS. ADDITIONAL MINOR IMPROVEMENTS WILL INCLUDE LANDSCAPING, LIGHTING, AND SIGNAL WORK. THE ALIGNMENT OF THE ROAD WILL NOT BE ALTERED FROM EXISTING CONDITIONS AND ALL IMPROVEMENTS ARE TO BE MADE WITHIN THE EXISTING RIGHT-OF-WAY.

REVISIONS		DESCRIPTION	DATE	CITY OF ST. PETE BEACH PUBLIC SERVICES DEPARTMENT			NOTES TO REVIEWERS	SHEET NO.
DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				N/A	PINELLAS	N/A	NOTES TO REVIEWERS	1A

Michael Baker, Inc. Inc.
Gerald A. Dabkowski, P.E.
P.E. License Number: 34610
4503 Woodland Corporate Boulevard
Tampa, Florida 33614
Certificate of Authorization 28861

				<div>CITY OF ST. PETE BEACH PUBLIC SERVICES DEPARTMENT</div>					
				ROAD NO.		COUNTY	FINANCIAL PROJECT ID		
				N/A		PINELLAS	N/A		
Michael Baker Jr., Inc. Gerald A. Dabkowski, P.E. P.E. License Number: 34810 4503 Woodland Corporate Boulevard Tampa, Florida 33614 Certificate of Authorization 28861				<div>SUMMARY OF PAY ITEMS</div>				2	
R E V I S I O N S									
DATE		DESCRIPTION		DATE		DESCRIPTION			



STA. 30+00.00 TO STA. 44+20.00

TRAFFIC DATA

CURRENT YEAR = 2012 AADT = 1900
 ESTIMATED OPENING YEAR = 2013 AADT = 2100
 ESTIMATED DESIGN YEAR = 2033 AADT = 4700
 K = 9.00% D = 56.50% T = 2.00% (24 HOUR)
 DESIGN HOUR T = 1.00%
 DESIGN SPEED = 30 MPH
 POSTED SPEED = 25 MPH

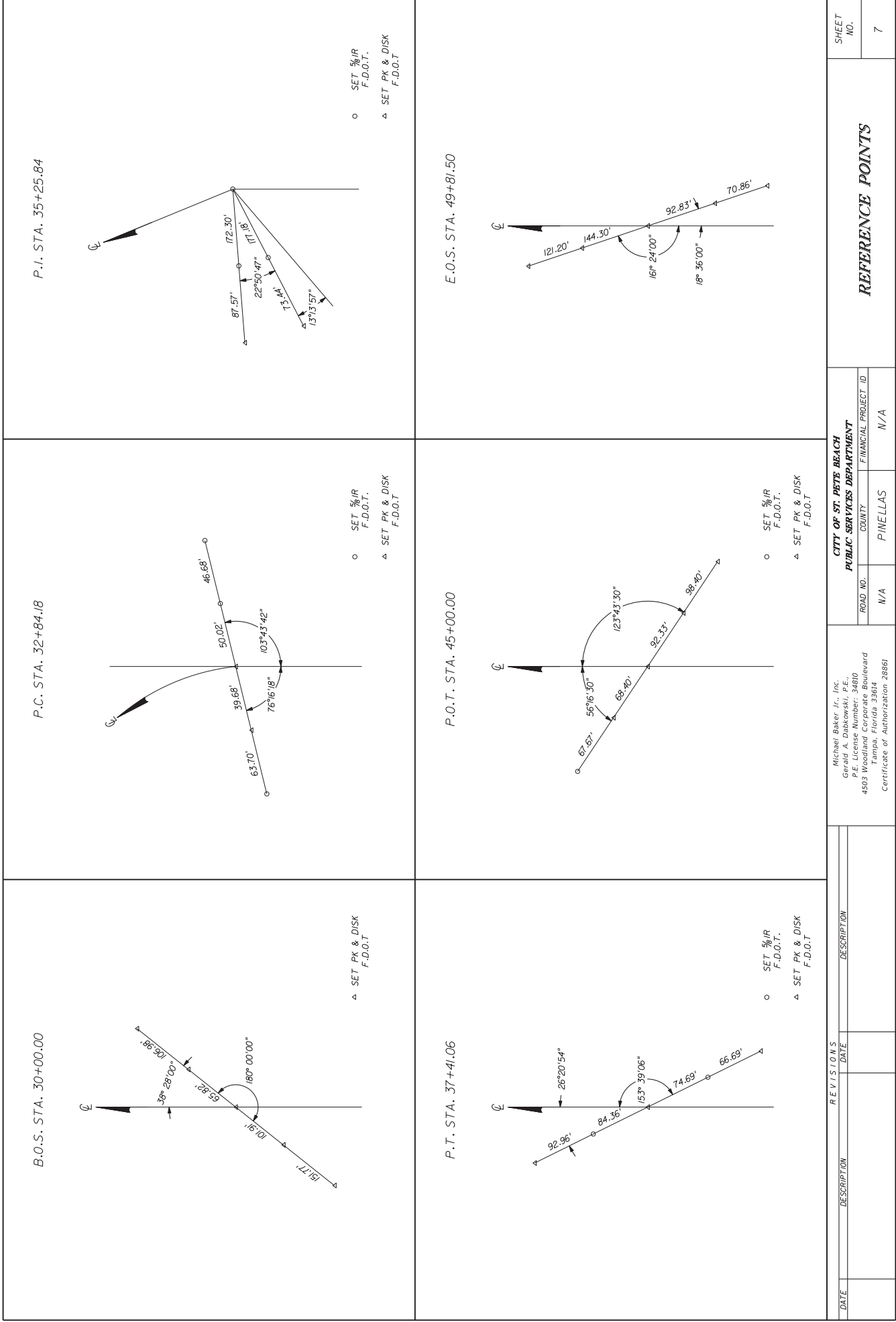
MAINLINE RECONSTRUCTION
 OPTIONAL BASE GROUP 4 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC A)(3.0")PG 76-22, PMA
 SIDEWALK MILLING
 MILL EXISTING ASPHALT PAVEMENT (1.5" DEPTH)
 SIDEWALK RESURFACING
 FRICTION COURSE FC-12.5 (TRAFFIC C)(1.5")

REVISIONS		CITY OF ST. PETE BEACH PUBLIC SERVICES DEPARTMENT		SHEET NO.
DATE	DESCRIPTION	ROAD NO.	FINANCIAL PROJECT ID	
		N/A	N/A	3

Michael Baker, Inc. Inc.
 Gerald A. Dabkowski, P.E.
 P.E. License Number: 34810
 4503 Woodland Corporate Boulevard
 Tampa, Florida 33614
 Certificate of Authorization 28861

TYPICAL SECTION

SHEET TOTALS -						PLAN QUANTITY FINAL QUANTITY	
DATE		DESCRIPTION		DATE		DESCRIPTION	
<div>Michael Baker Jr., Inc. Gregg B. Hamm, P.E. P.E. License Number: 69760 4503 Woodland Corporate Boulevard Tampa, Florida 33614 Certificate of Authorization 28861</div>							
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				COUNTY PINELLAS		FINANCIAL PROJECT ID N/A	
ROAD NO. N/A							
SUMMARY OF DRAINAGE STRUCTURES (1)							
SHEET NO.		6					

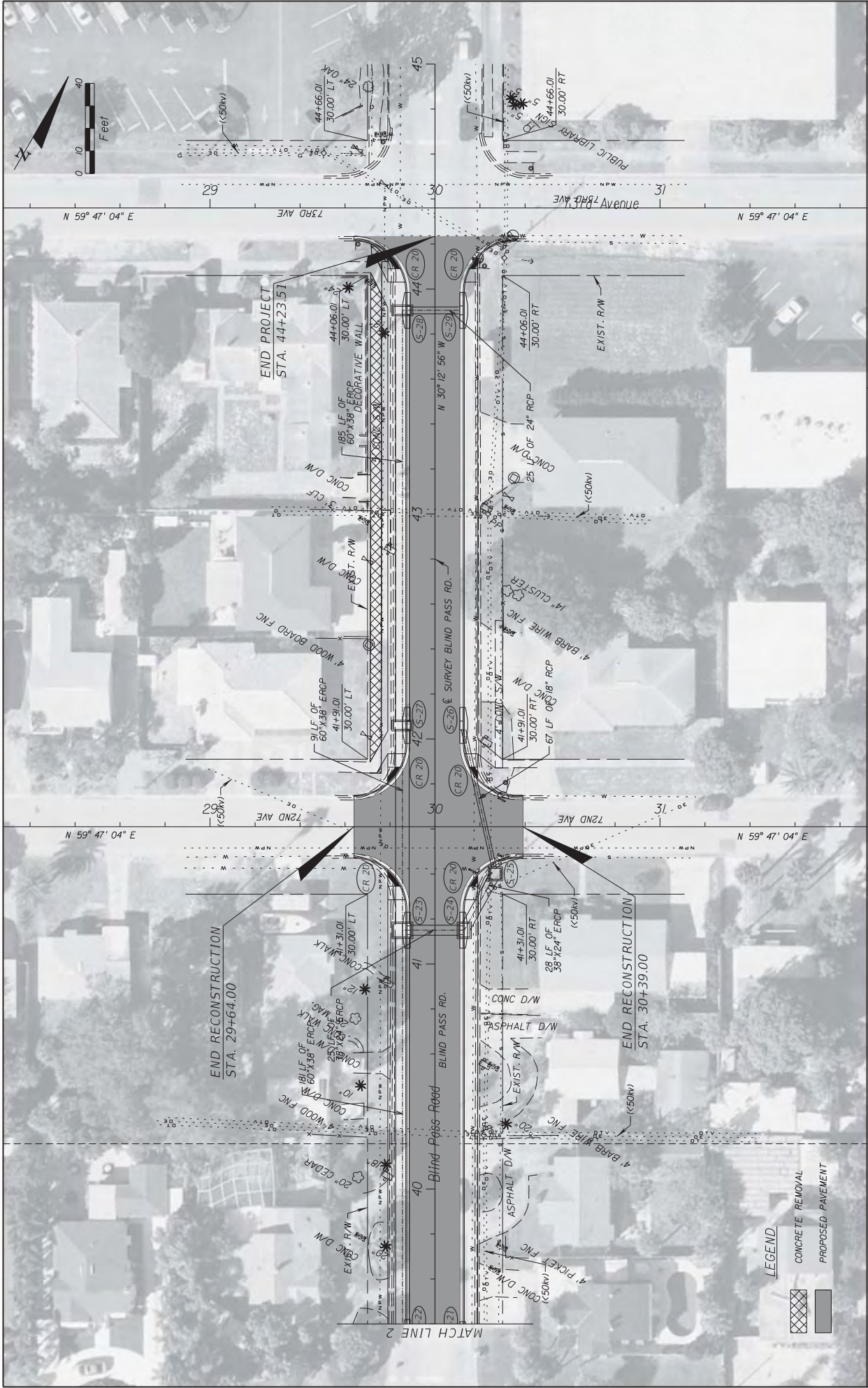


GENERAL NOTES

- 1. THE BENCH MARK DATUM IS NGVD 1929.
- 2. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT PROPERLY BEEN REFERENCED, THE ENGINEER SHOULD NOTIFY THE DISTRICT LOCATION SURVEYOR (MR. DENNIS JENT (813) 975-6778), WITHOUT DELAY, BY TELEPHONE.
- 3. EXISTING DRAINAGE STRUCTURES WITHIN THE CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
- 4. ALL DISTURBED AREAS, INCLUDING AREAS OUTSIDE THE CONSTRUCTION LIMITS, SHALL BE RETURNED TO THEIR PRE CONSTRUCTION CONDITIONS AT THE CONTRACTOR'S EXPENSE. GRASS AREAS SHALL BE SOODED, NOT SEEDED AND MULCHED.
- 5. TREES WITHIN THE LIMITS OF THIS PROJECT THAT ARE TO REMAIN SHALL BE TRIMMED TO CONFORM TO SECTION 110 OF STANDARD SPECIFICATIONS, INDEX 546, AND APPLICABLE ADA REQUIREMENTS. COST TO BE INCLUDED IN STANDARD CLEARING AND GRUBBING.
- 6. THE CONTRACTOR SHALL CONTACT THE PROPERTY OWNER 96 HOURS PRIOR TO CLEARING AND GRUBBING EXISTING SPRINKLER SYSTEMS, SIGNS, OR LANDSCAPING, TO BE REMOVED WITHIN THE CONSTRUCTION LIMITS.
- 7. THE CONTRACTOR SHALL NOT EXCAVATE ANY AREAS THAT CANNOT BE SAFELY REOPENED TO TRAFFIC WITHIN THE SAME WORK PERIOD.

REVISIONS			CITY OF ST. PETE BEACH PUBLIC SERVICES DEPARTMENT			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	FINANCIAL PROJECT ID			
				ROAD NO.	COUNTY		
				N/A	PINELLAS	N/A	8
Michael Baker Jr., Inc. Gerald A. Dabkowski, P.E., P.E. License Number: 34810 4503 Woodland Corporate Boulevard Tampa, Florida 33614 Certificate of Authorization 28861							

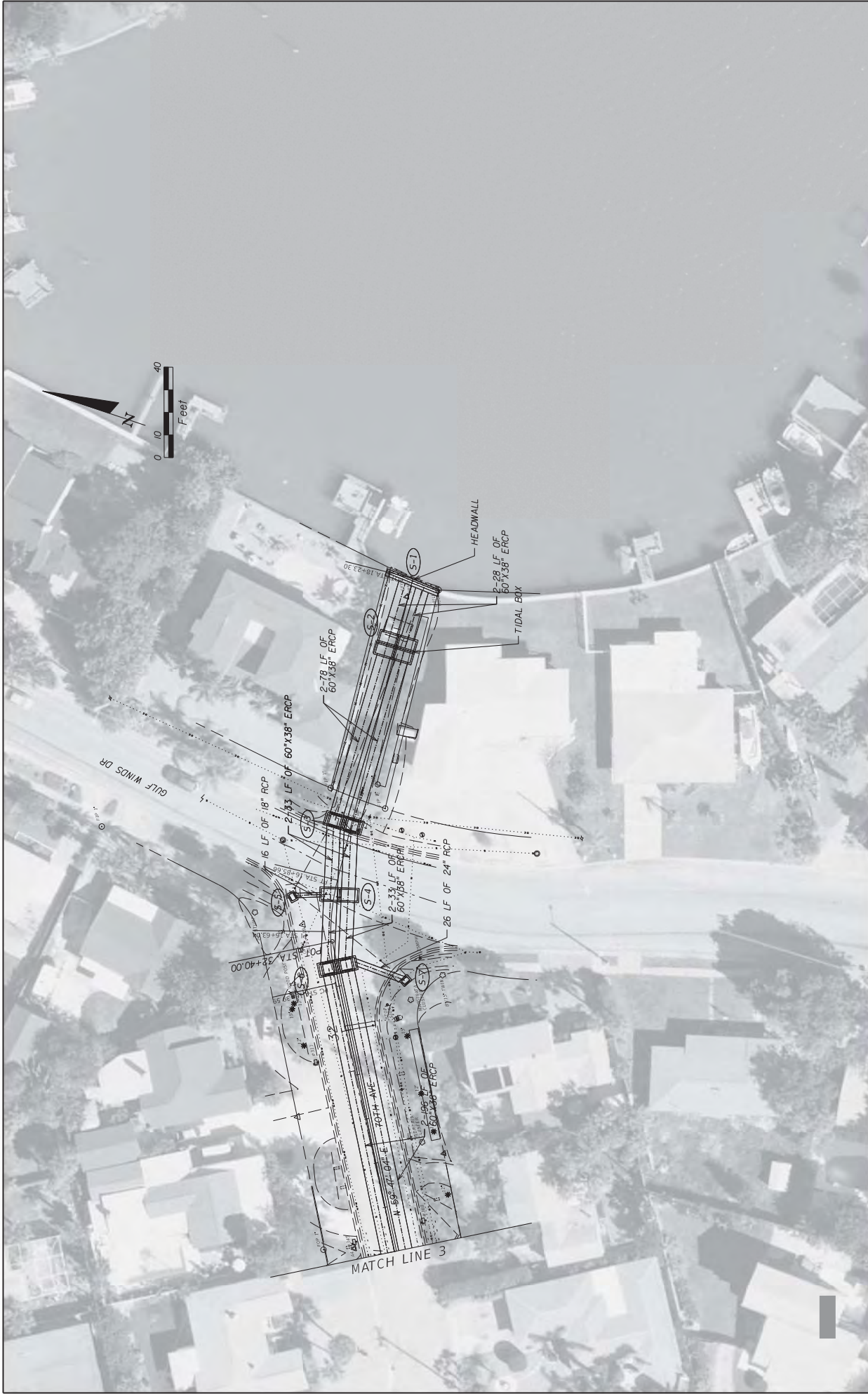
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REVISIONS		CITY OF ST. PETE BEACH PUBLIC SERVICES DEPARTMENT		SHEET NO.
DATE	DESCRIPTION	ROAD NO.	FINANCIAL PROJECT ID	
		N/A	N/A	11

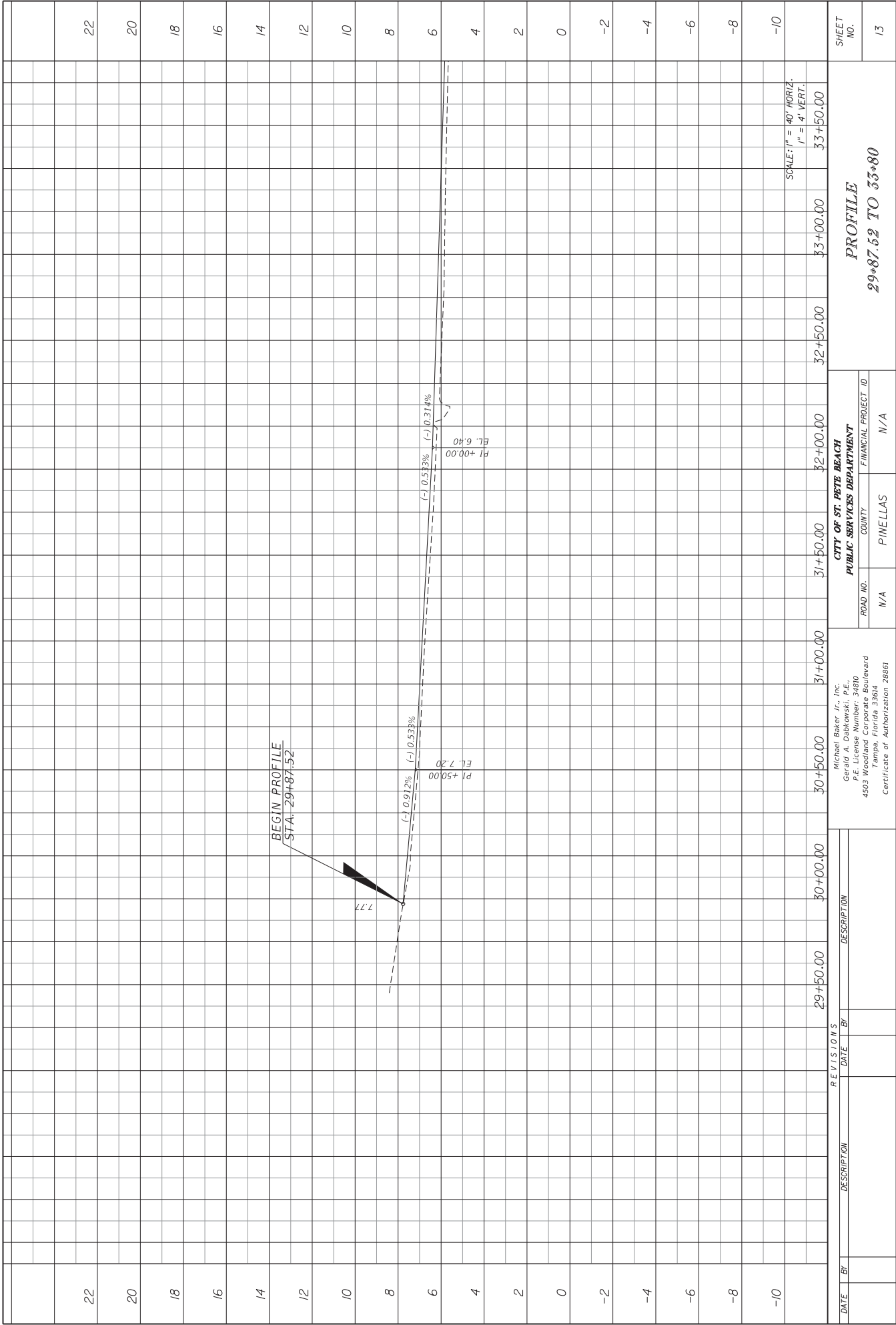
Michael Baker Jr., Inc.
Gerald A. Dabkowski, P.E.,
P.E. License Number: 34810
4503 W. Manatee Avenue South
Tampa, Florida 33614
Certificate of Authorization 28861

PLAN SHEET
3940 TO 4540

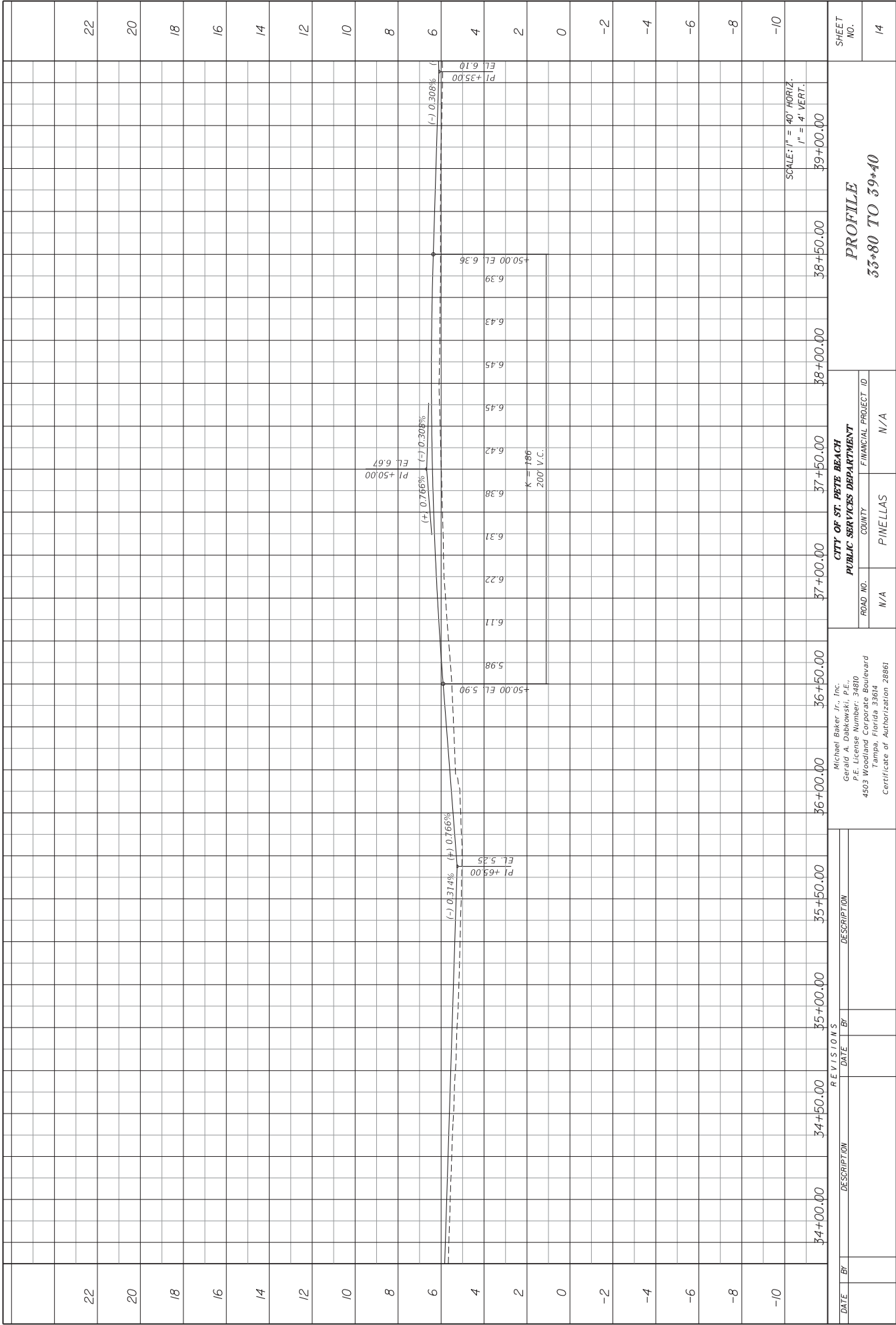


REVISIONS		CITY OF ST. PETE BEACH PUBLIC SERVICES DEPARTMENT		SHEET NO.
DATE	DESCRIPTION	ROAD NO.	FINANCIAL PROJECT ID	
		N/A	N/A	12

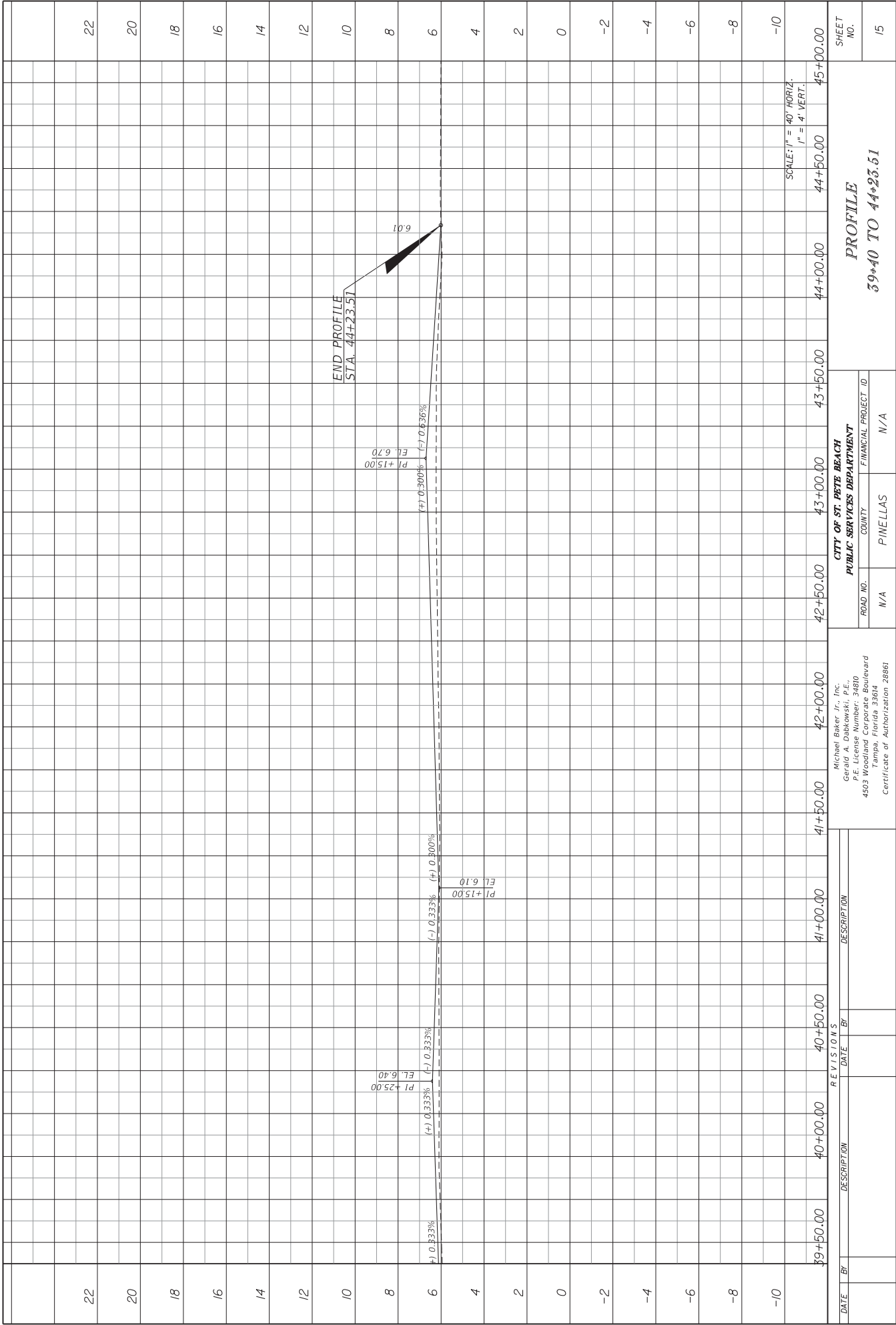
Michael Baker Jr., Inc.
Gerald A. Dabkowski, P.E.
P.E. License Number: 34810
4503 W. Manatee Avenue
Tampa, Florida 33614
Certificate of Authorization 28861



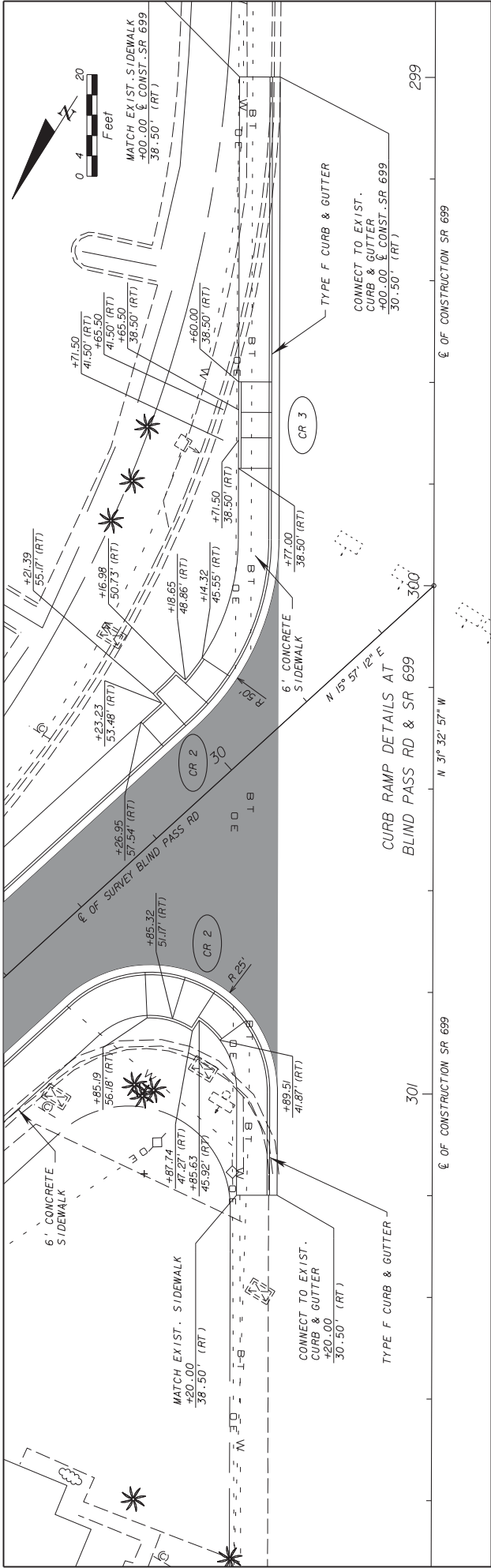
<div>CITY OF ST. PETE BEACH</div> <div>PUBLIC SERVICES DEPARTMENT</div>				FINANCIAL PROJECT ID	
				COUNTY	PINELLAS
ROAD NO.				N/A	
N/A				N/A	
Michael Baker Jr., Inc. Gerald A. Dabkowski, P.E., P.E. License Number: 34810 4503 Woodland Corporate Boulevard Tampa, Florida 33614 Certificate of Authorization 28861					
29+87.52 TO 33+80					
PROFILE					
SHEET NO.					
13					



REVISIONS		DESCRIPTION	
DATE	BY	DESCRIPTION	DATE
CITY OF ST. PETE BEACH PUBLIC SERVICES DEPARTMENT			
ROAD NO.		COUNTY	FINANCIAL PROJECT ID
N/A		PINELLAS	N/A
Michael Baker Jr., Inc. Gerald A. Dabkowski, P.E., P.E. License Number: 38610 4503 W. Bayshore Boulevard Tampa, Florida 33614 Certificate of Authorization 28861			
PROFILE 33+80 TO 39+40			
SHEET NO.		14	



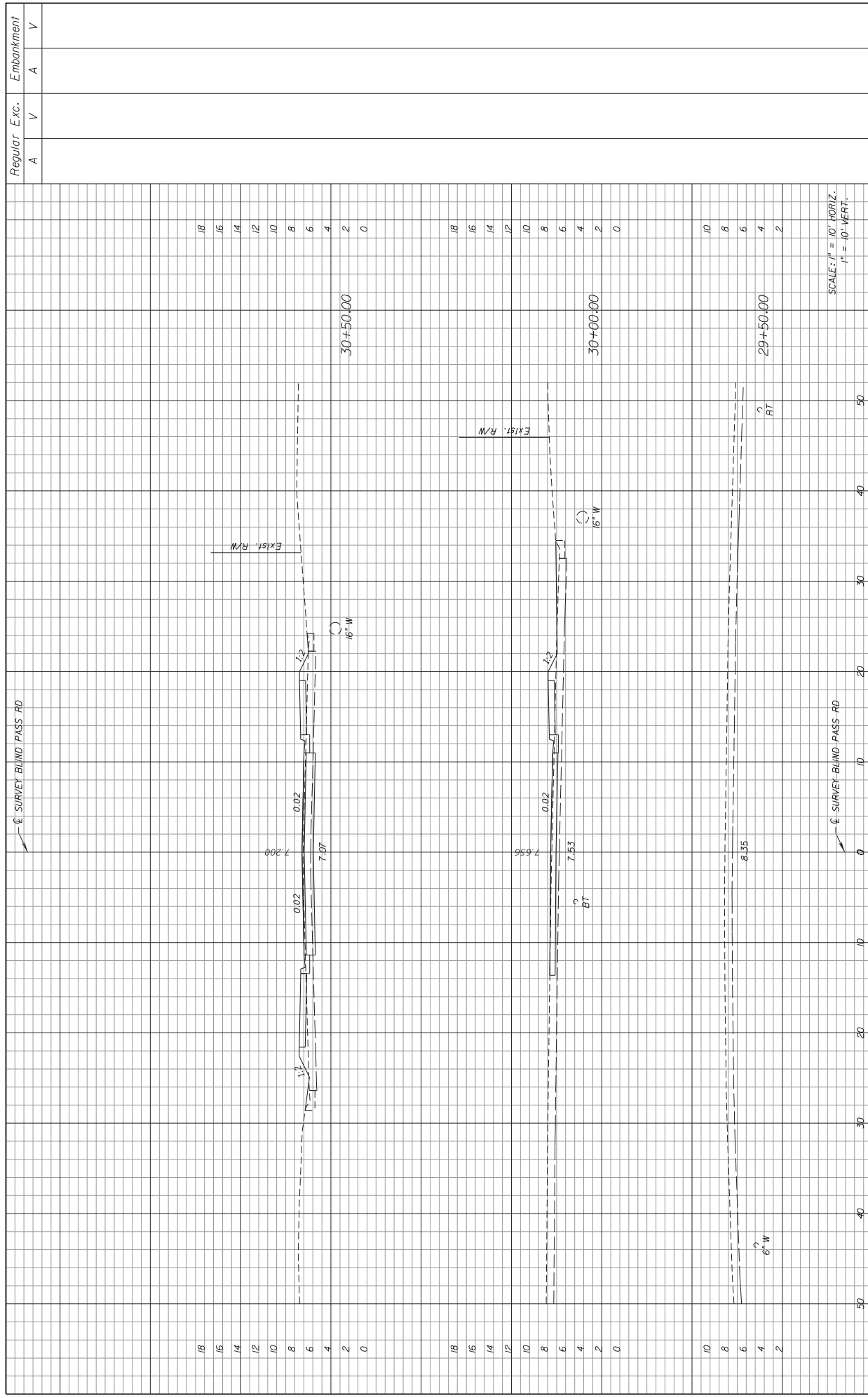
REVISIONS		DESCRIPTION	
DATE	BY	DESCRIPTION	DATE
CITY OF ST. PETE BEACH PUBLIC SERVICES DEPARTMENT			
ROAD NO.		COUNTY	FINANCIAL PROJECT ID
N/A		PINELLAS	N/A
Michael Baker Jr., Inc. Gerald A. Dabkowski, P.E., P.E. License Number: 34610 4503 Westshore Boulevard Tampa, Florida 33614 Certificate of Authorization 28861			
PROFILE 39+40 TO 44+23.51			
SHEET NO.			15

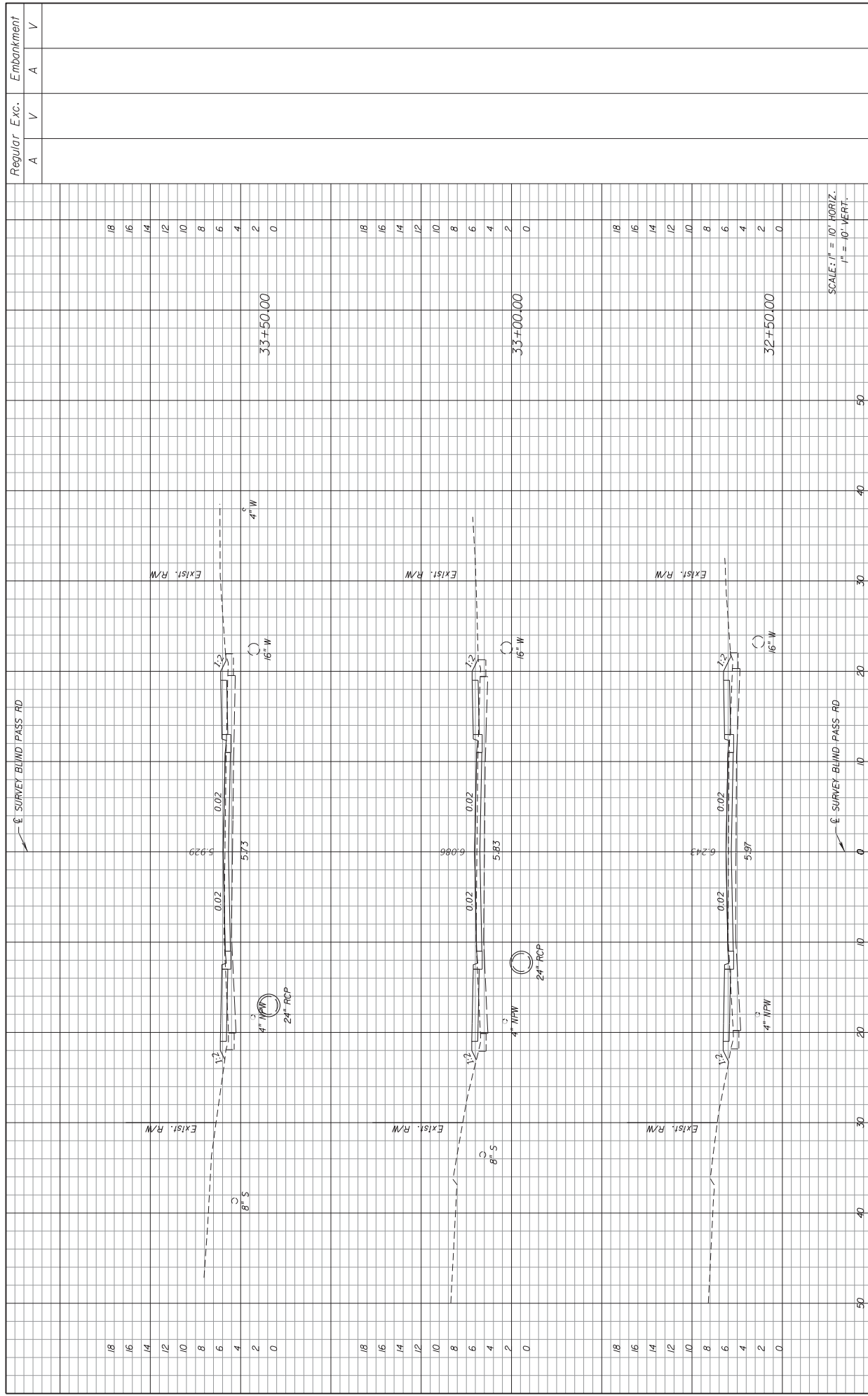


REVISIONS		CITY OF ST. PETE BEACH PUBLIC SERVICES DEPARTMENT		SHEET NO.
DATE	DESCRIPTION	ROAD NO.	FINANCIAL PROJECT ID	
		N/A	N/A	16

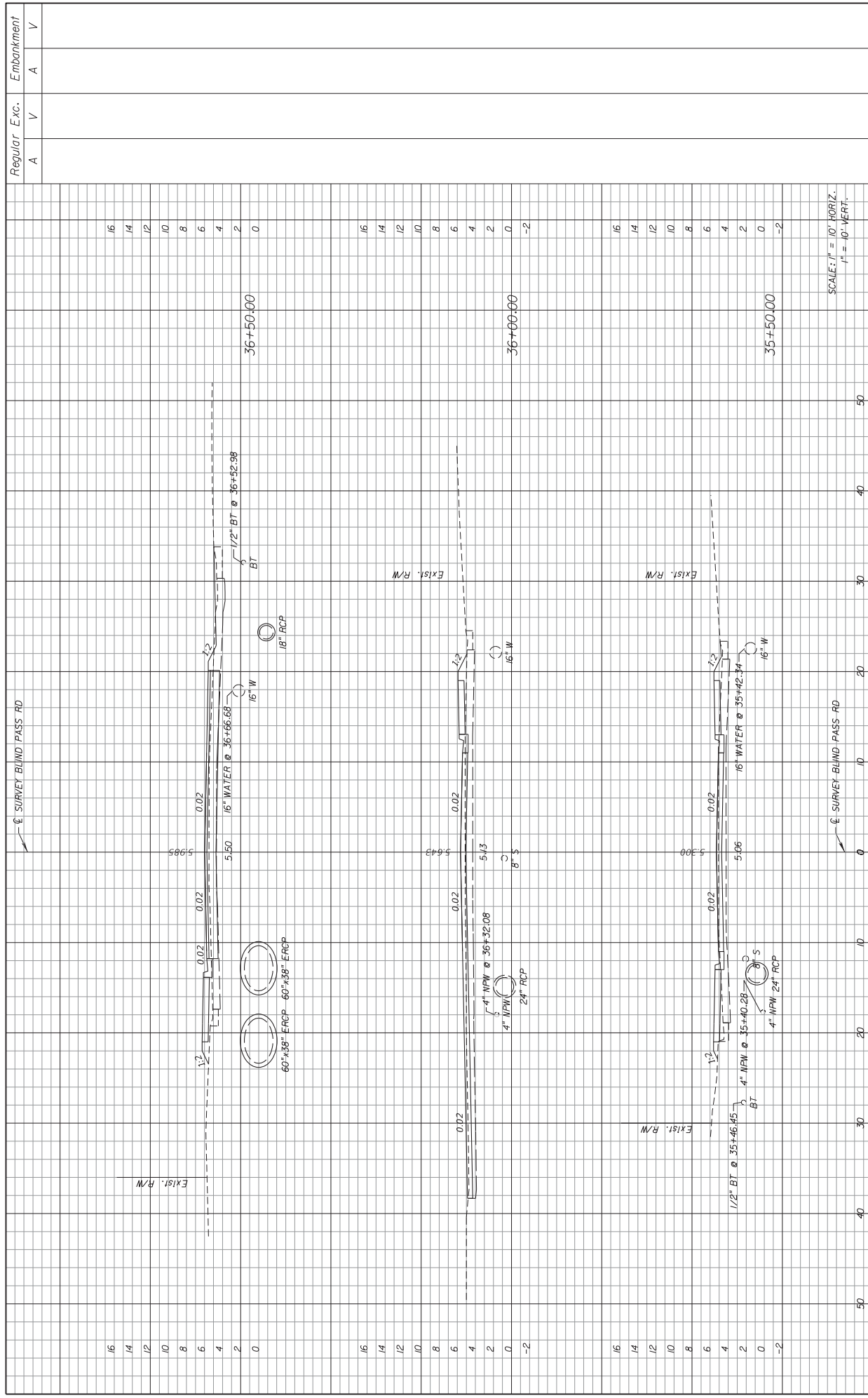
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Gerald A. Dabkowski, P.E.,
P.E. License Number: 34810
4503 W. Manatee Avenue
Tampa, Florida 33614
Certificate of Authorization 28861

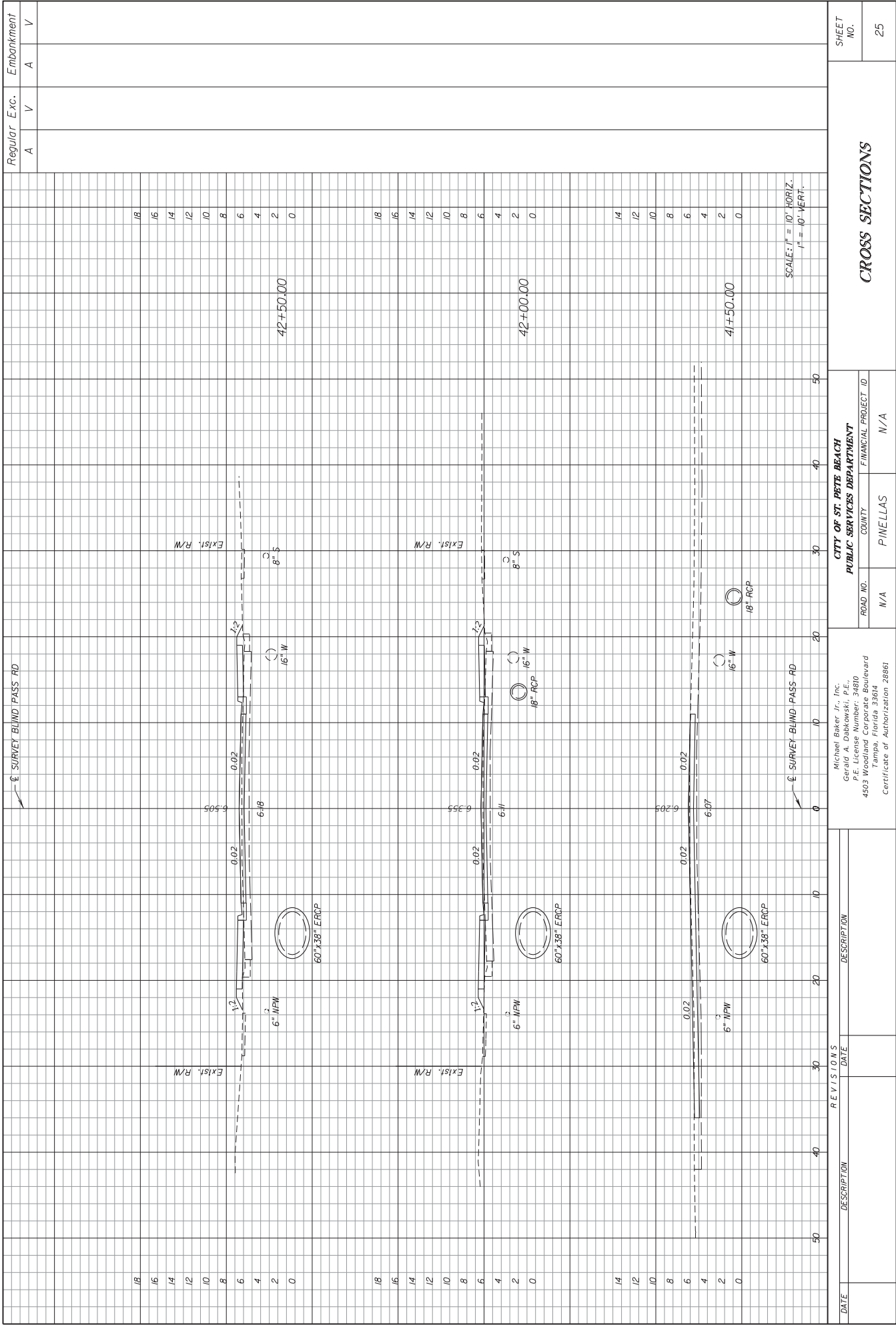
SPECIAL DETAILS

[illegible]



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[illegible]



SCALE: 1" = 10' HORIZ.
1" = 10' VERT.

		Michael Baker Jr., Inc. Gerald A. Dabkowski, P.E., P.E. License Number: 34810 4503 Woodland Corporate Boulevard Tampa, Florida 33614 Certificate of Authorization 28861		CITY OF ST. PETE BEACH PUBLIC SERVICES DEPARTMENT		CROSS SECTIONS	SHEET NO.	
				ROAD NO.	COUNTY			FINANCIAL PROJECT ID
				N/A	PINELLAS			N/A
REVISIONS								
DATE	DESCRIPTION	DATE	DESCRIPTION					

DATE

DESCRIPTION

REVISIONS

DATE

DESCRIPTION

ROADWAY EXCAVATION, MAINLINE

EMBANKMENT, MAINLINE

SURVEY BLIND PASS RD

SURVEY BLIND PASS RD

16

14

12

10

8

6

4

2

0

16

14

12

10

8

6

4

2

0

44+50.00

SCALE: 1" = 10' HORIZ.
1" = 10' VERT.

CITY OF ST. PETE BEACH

PUBLIC SERVICES DEPARTMENT

ROAD NO. N/A

COUNTY PINELLAS

FINANCIAL PROJECT ID N/A

Michael Baker Jr., Inc.
Gerald A. Dabkowski, P.E.,
P.E. License Number: 34810
4503 W. Bayshore Boulevard
Tampa, Florida 33614
Certificate of Authorization 28861

CROSS SECTIONS

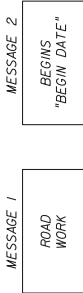
SHEET NO. 27

\\pinellas\city\pin\GIS\Draw\Roadway\2016\20160601\20160601.dwg 27 11/14/2016 9:48:16 PM

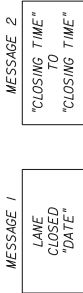
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TRAFFIC CONTROL PLAN GENERAL NOTES

1. SINGLE LANE CLOSURES WILL ONLY BE ALLOWED BETWEEN THE HOURS OF 10:00 PM TO 8:00 AM.
2. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT A WRITTEN PLAN, WHICH DETAILS EACH ACTIVITY INVOLVED IN THE LANE CLOSURE. THE PLAN SHALL INCLUDE BACK-UP PLANS FOR ACTIVITIES OF ALL SUBCONTRACTORS OPERATIONS AS WELL AS THE PRIME CONTRACTOR'S. NO LANE CLOSURES WILL BE ALLOWED WITHOUT A PLAN TO ACHIEVE RE-OPENING. AN EXAMPLE OF AN ACCEPTABLE BACK-UP PLAN WOULD INCLUDE THE CONTRACTOR CHOOSING TO HAVE TEMPORARY TAPE ON HAND.
3. THE CONTRACTOR SHOULD BE AWARE THAT BETWEEN THE LIMITS WHERE THE BASE MAY BE EXPOSED, ANY MILLING MATERIAL THAT INCLUDES LIMESTONE BASE AGGREGATE WILL NOT BE ALLOWED TO BE USED IN RECYCLED ASPHALT PAVEMENT (RAP) OR ANYWHERE ELSE ON AN FOOT PROJECT. THIS MATERIAL SHOULD BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROCURED BY HIM/HER AT THEIR OWN EXPENSE.
4. TRAFFIC SHALL BE MAINTAINED AT ALL TIMES ON SIDESTREETS AND DRIVEWAYS.
5. THE CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF 14 DAYS IN ADVANCE OF ANY LANE CLOSURES.
6. THE EXISTING POSTED SPEED SHALL BE MAINTAINED UNLESS OTHERWISE INDICATED IN THE PLANS.
7. DURING LANE CLOSURES THE CONTRACTOR SHALL PROVIDE A DEDICATED CREW FOR THE INSTALLATION, MAINTENANCE AND REMOVAL OF THE TRAFFIC CONTROL DEVICES (I.E. BARRICADES, SIGNS, ARROW BOARDS, ETC.). THIS CREW SHALL CONSIST OF AT LEAST THREE MEMBERS OF THE CONTRACTOR'S WORK FORCE WHOSE SOLE RESPONSIBILITY WILL BE THE MAINTENANCE OF TRAFFIC CONTROL. THE CONTRACTOR SHALL FURNISH A WORK VEHICLE TO AID IN MAINTAINING THE TRAFFIC CONTROL DEVICES.
8. THROUGHOUT THE MILLING OPERATIONS, THE CONTRACTOR SHALL HAVE A SELF-CONTAINED VACUUM TYPE MOBILE BROOM ON THE JOB FOR CLEAN UP OF MILLED DUST MATERIAL.
9. THE CONTRACTOR SHALL LIMIT THE LENGTH OF MILLING OPERATIONS TO ASSURE THAT TRAFFIC IS NOT PLACED ON ANY ASPHALT MILLED SURFACE.
10. THE CONTRACTOR SHALL RESTORE SIDESTREETS AND/OR DRIVEWAYS TO TRAFFIC IN BOTH DIRECTIONS FOR EACH LOCATION BY THE END OF THE WORK PERIOD. IF THIS WORK CANNOT BE COMPLETED, THE CONTRACTOR SHALL BACKFILL SIDESTREETS AND/OR DRIVEWAYS TO LEVEL WITH RAP MATERIAL BEFORE REOPENING TO TRAFFIC.
11. FLAGGERS WILL BE USED WHEN CONSTRUCTION ACTIVITY OCCURS AT DRIVEWAYS AND SIDESTREETS TO CONTROL TRAFFIC. THE 600 SERIES OF THE STANDARD INDEX SHALL BE UTILIZED.
12. PLACE PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGNS (PCMS) 500 FT. IN ADVANCE OF THE WORK ZONE (FOR NORTHBOUND AND SOUTHBOUND TRAFFIC) FOR A PERIOD OF SEVEN DAYS PRIOR TO THE FIRST DAY OF ROADWAY CONSTRUCTION.
- MESSAGES SHOULD READ:



AFTER THE INITIAL SEVEN DAYS, THE PCMS SHALL READ:



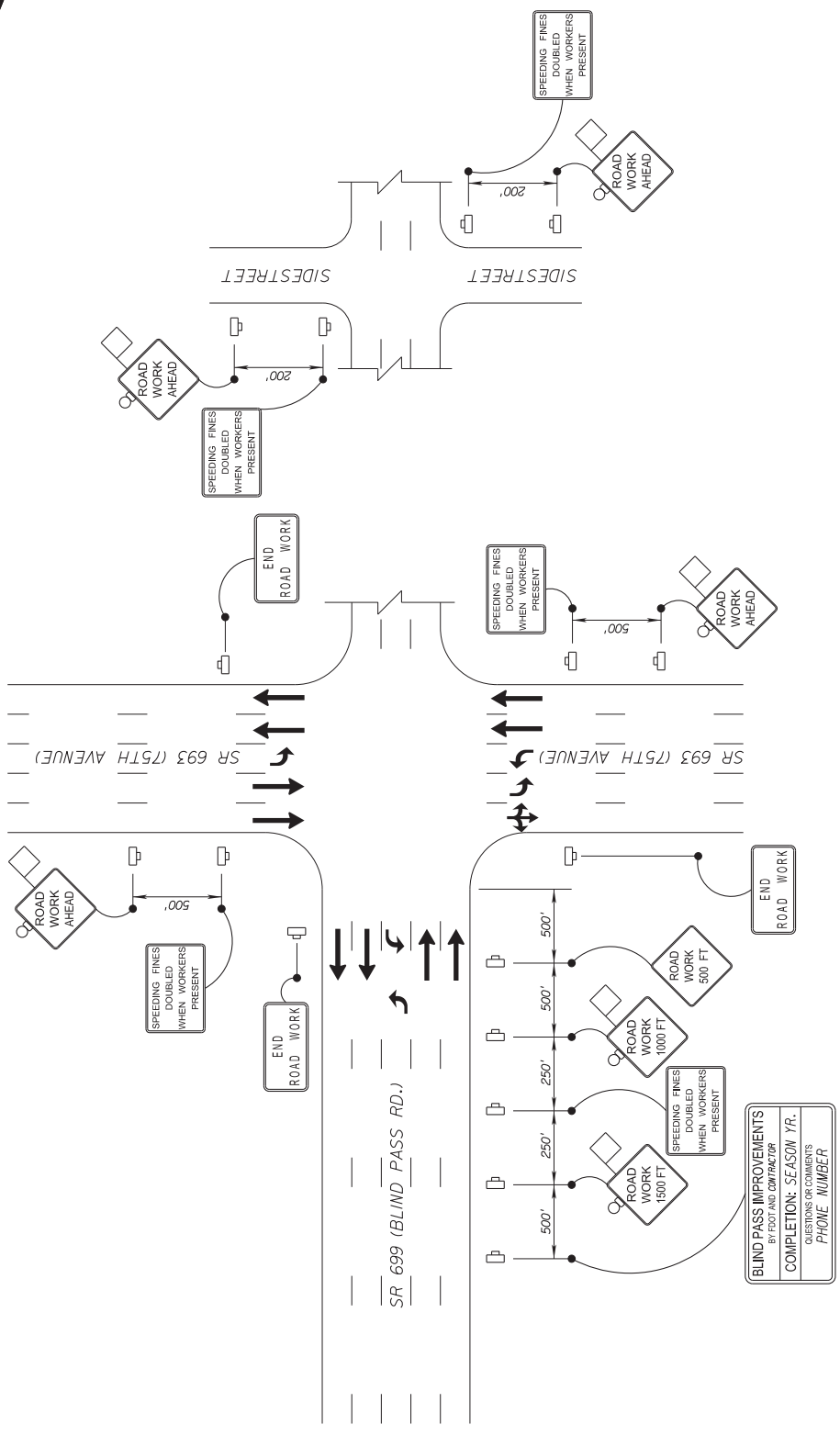
ONE DAY PRIOR TO LANE CLOSURES. THE MESSAGE FOR THE PCMS SHOULD READ, UNLESS OTHERWISE DIRECTED BY THE ENGINEER:

13. MAINTENANCE OF TRAFFIC SIGNING LOCATIONS ARE APPROXIMATE AND MAY BE VARIED AS DEEMED NECESSARY BY THE ENGINEER TO AVOID STREETS, DRIVEWAYS, OR OTHER CONFLICTS. MINIMUM SIGNING DISTANCES WILL BE MAINTAINED DURING CONSTRUCTION. EXISTING SIGNING WHICH IS CONFLICTING TO TCP SIGNING SHALL BE REMOVED OR COVERED DURING CONSTRUCTION.

14. ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED DURING CONSTRUCTION SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET, AND METHOD OF INSTALLATION. THE COST OF THIS WORK SHALL BE REFLECTED IN THE LUMP SUM PAY ITEM 102-1 MAINTENANCE OF TRAFFIC.
15. DROP OFF CONDITIONS MUST BE ELIMINATED AND AN ACCEPTABLE GRADE RESTORED AS OUTLINED IN THE FOOT DESIGN STANDARDS, INDEX 600 SERIES, BY THE END OF EACH WORK PERIOD.
16. WHEN SEPARATE PAY ITEMS DO NOT EXIST IN THIS CONTRACT, THE CONTRACTOR SHALL INCLUDE THE COST FOR ANY AND ALL ITEMS AND INCIDENTALS NECESSARY TO ABIDE BY INDEX 600 UNDER THE LUMP SUM PAY ITEM 102-1 MAINTENANCE OF TRAFFIC.
17. FOR GENERAL TRAFFIC CONTROL ZONE REQUIREMENTS AND ADDITIONAL INFORMATION, REFER TO INDEX NO. 600. ALL CONSTRUCTION SHALL BE COMPLETED IN ACCORDANCE WITH INDEX NO. 600 SERIES UNLESS OTHERWISE NOTED.
18. THE CONTRACTOR SHALL NOT USE LOW PROFILE REFLECTIVE MARKERS.
19. THE CONTRACTOR SHALL, AT THE DISCRETION OF THE ENGINEER, OPEN ANY TEMPORARY LANE CLOSURE CAUSING EXTENDED TRAFFIC CONGESTION (5 MINUTE DELAY) UNTIL TRAFFIC HAS RETURNED TO AN ACCEPTABLE FLOW AS DETERMINED BY THE ENGINEER.
20. LANE CLOSURES OR DETOURS WILL NOT BE PERFORMED DURING HOLIDAY PERIODS AS IDENTIFIED IN SPECIFICATION 8-6.4, WEDNESDAY 4:00 PM PRIOR TO THANKSGIVING DAY TO 9:00 AM MONDAY AFTER THANKSGIVING DAY. IN ADDITION TO THESE AND PREVIOUSLY SPECIFIED LIMITATIONS ON LANE CLOSURES AND DETOURS, THE DEPARTMENT MAY DIRECT 7 DAYS WHEN NO LANE CLOSURES OR DETOURS WILL BE PERMITTED. THE CONTRACTOR WILL BE PROVIDED NO LESS THAN 14 DAYS NOTICE OF THESE EVENTS AND THEY SHALL BE AT NO ADDITIONAL COSTS OR TIME TO THE DEPARTMENT.
21. CONFLICTING EXISTING PAVEMENT MARKINGS SHALL BE REMOVED BY WATER BLASTING ONLY, UNLESS OTHERWISE NOTED IN THE PLANS. ALL EXISTING PAVEMENT MARKINGS THAT ARE ALTERED SHALL BE REPLACED UPON COMPLETION OF THE PROJECT. ALL COSTS FOR REMOVAL SHALL BE INCLUDED IN THE LUMP SUM PAY ITEM 102-1 MAINTENANCE OF TRAFFIC. THE REPLACEMENT OF MARKINGS SHALL BE PAID FOR UNDER THE APPROPRIATE BID ITEM.
22. THE CONTRACTOR SHALL MAINTAIN STREET NAME SIGNS VISIBLE DURING CONSTRUCTION OPERATIONS IN ORDER TO FACILITATE EMERGENCY VEHICLE TRAFFIC.
23. THE CONTRACTOR SHALL NOT CLOSE ANY TWO CONSECUTIVE SIDE STREETS OR MEDIAN OPENINGS IN ANY GIVEN PHASE.
24. A UNIFORMED OFF-DUTY LAW ENFORCEMENT OFFICER SHALL BE UTILIZED FOR TRAFFIC CONTROL THROUGH THE SIGNALIZED INTERSECTIONS LISTED BELOW, WHEN SIGNALS ARE NOT IN USE, AND SHALL BE PAID FOR UNDER PAY ITEM 102-14, TRAFFIC CONTROL OFFICER.
- SIGNALIZED INTERSECTIONS:
- SR 699 (GULF BLVD.) OFFICER FOR 8 HOURS
- SR 693 (75TH AVENUE) OFFICER FOR 8 HOURS
25. THE CONTRACTOR SHALL PLACE THE PROJECT INFORMATION SIGN 500 FEET IN ADVANCE OF THE FIRST ADVANCE WARNING SIGN ON EACH MAINLINE APPROACH FOR THE DURATION OF THE PROJECT. THE SIGN WILL BE PAID FOR UNDER MAINTENANCE OF TRAFFIC LUMP SUM. THE CONTRACTOR SHALL OBTAIN THE CONTACT INFORMATION PHONE NUMBER FROM THE RESIDENT CONSTRUCTION OFFICE PRIOR TO, OR AT THE PROJECT PRECONSTRUCTION CONFERENCE MEETING.

DATE	DESCRIPTION	REVISIONS		DESCRIPTION	CITY OF ST. PETE BEACH PUBLIC SERVICES DEPARTMENT		TRAFFIC CONTROL PLAN GENERAL NOTES		SHEET NO.
		DATE			ROAD NO.	FINANCIAL PROJECT ID			
					N/A	N/A			30

Michael Baker Jr., Inc.
Gerald A. Dabkowski, P.E.,
P.E. License Number: 34810
4503 W. Gandy Boulevard
Tampa, Florida 33614
Certificate of Authorization 28861



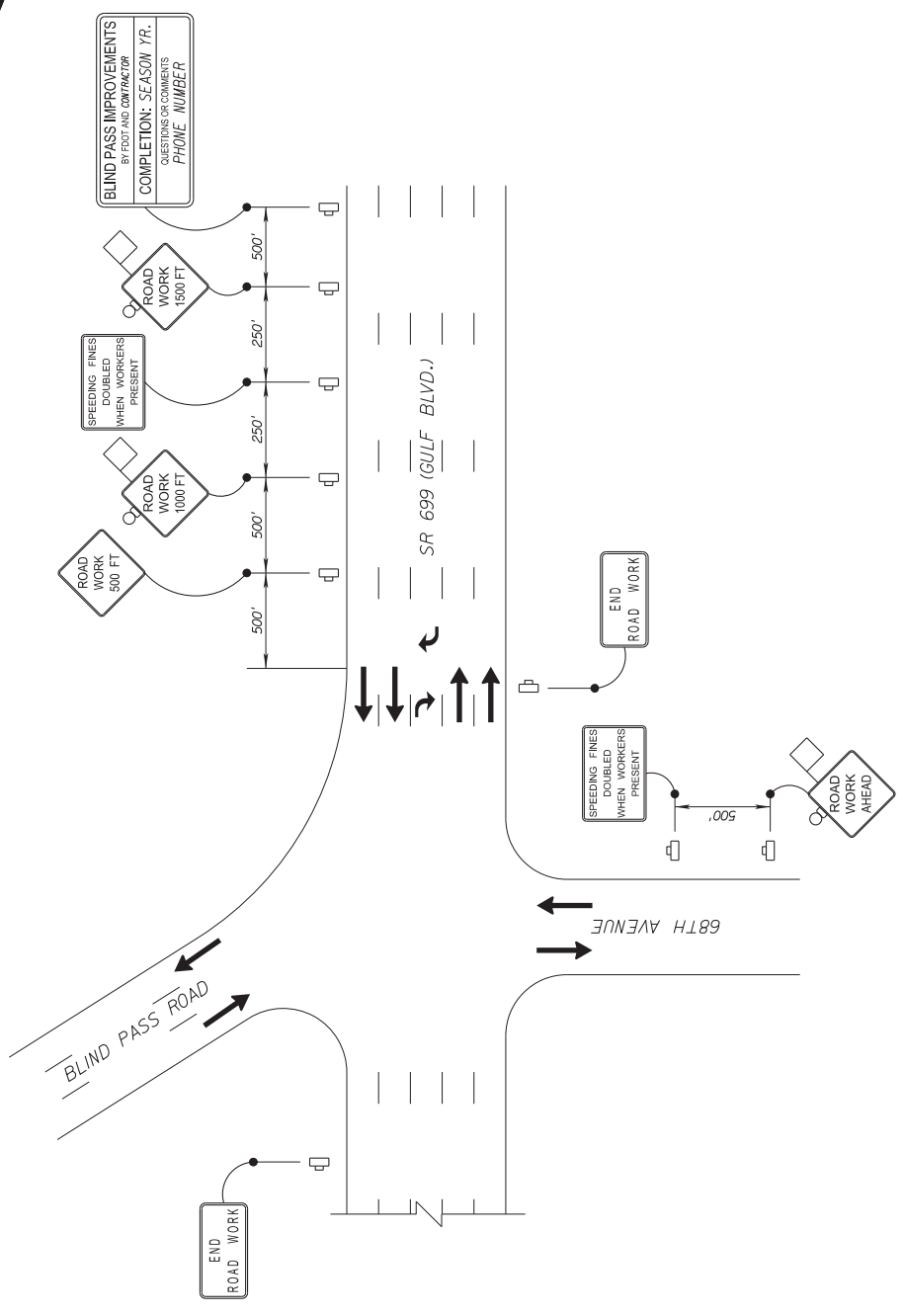
ADVANCE WARNING LAYOUT DETAIL
N.T.S

LEGEND

→ Lane Identification and Direction of Traffic
Sign With 18" x 18" (Min.) Orange Flag And Type B Light
Work Zone Sign

REVISIONS		CITY OF ST. PETE BEACH PUBLIC SERVICES DEPARTMENT		TRAFFIC CONTROL PLAN ADVANCE WARNING LAYOUT		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	FINANCIAL PROJECT ID	
				N/A	N/A	32

Michael Baker Jr., Inc.
Gerald A. Dabkowski, P.E.,
P.E. License Number: 34610
4503 W. Hillsborough Avenue
Tampa, Florida 33614
Certificate of Authorization 28861



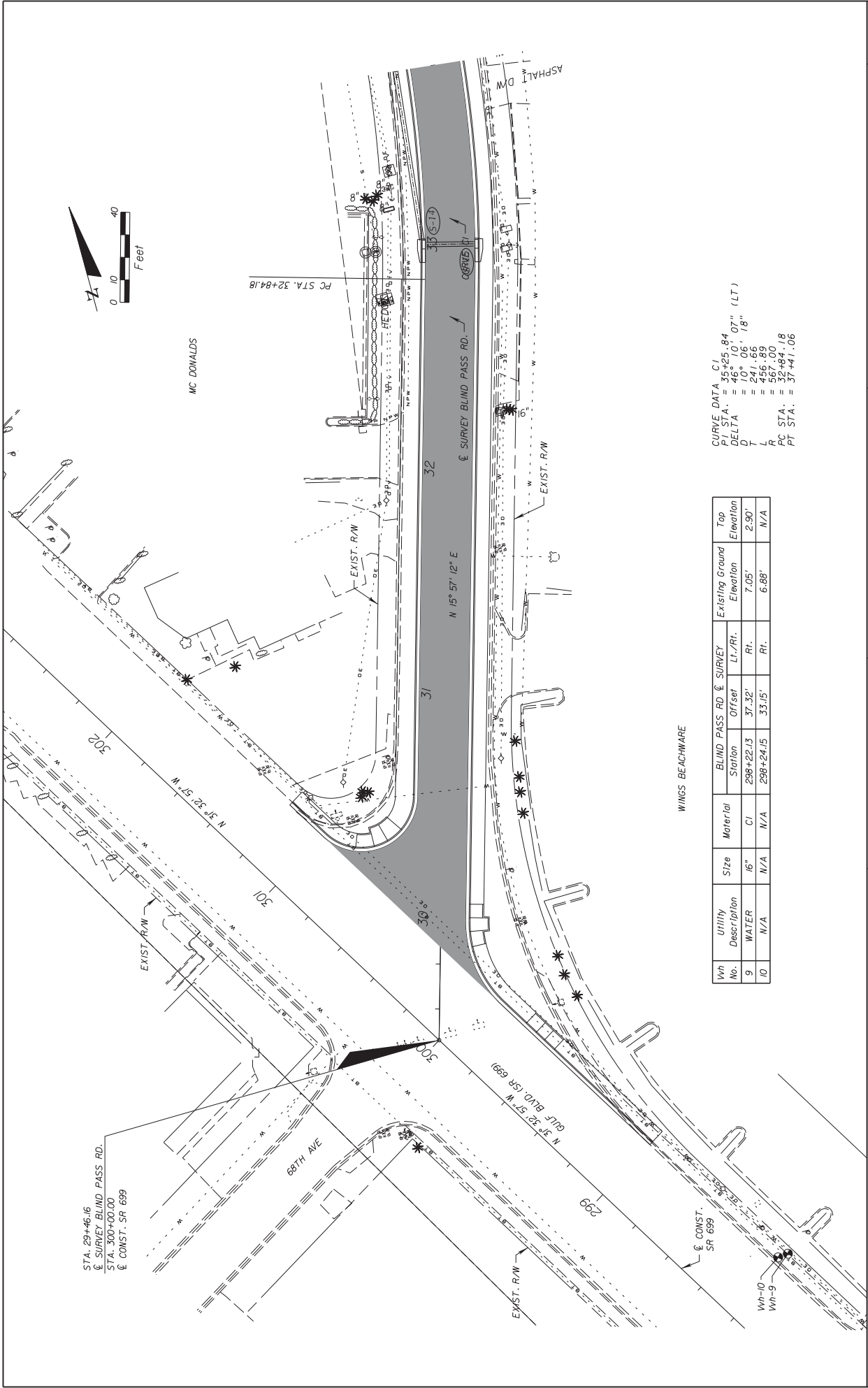
ADVANCE WARNING LAYOUT DETAIL
N.T.S

LEGEND

- Lane Identification and Direction of Traffic
- Sign With 18" x 18" (Min.) Orange Flag And Type B Light
- Work Zone Sign

REVISIONS		CITY OF ST. PETE BEACH PUBLIC SERVICES DEPARTMENT		TRAFFIC CONTROL PLAN ADVANCE WARNING LAYOUT		SHEET NO.	
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	FINANCIAL PROJECT ID		
				N/A	N/A		33

Michael Baker Jr., Inc.
Gerald A. Dabkowski, P.E.,
P.E. License Number: 34810
4503 W. Manatee Avenue
Tampa, Florida 33614
Certificate of Authorization 28861



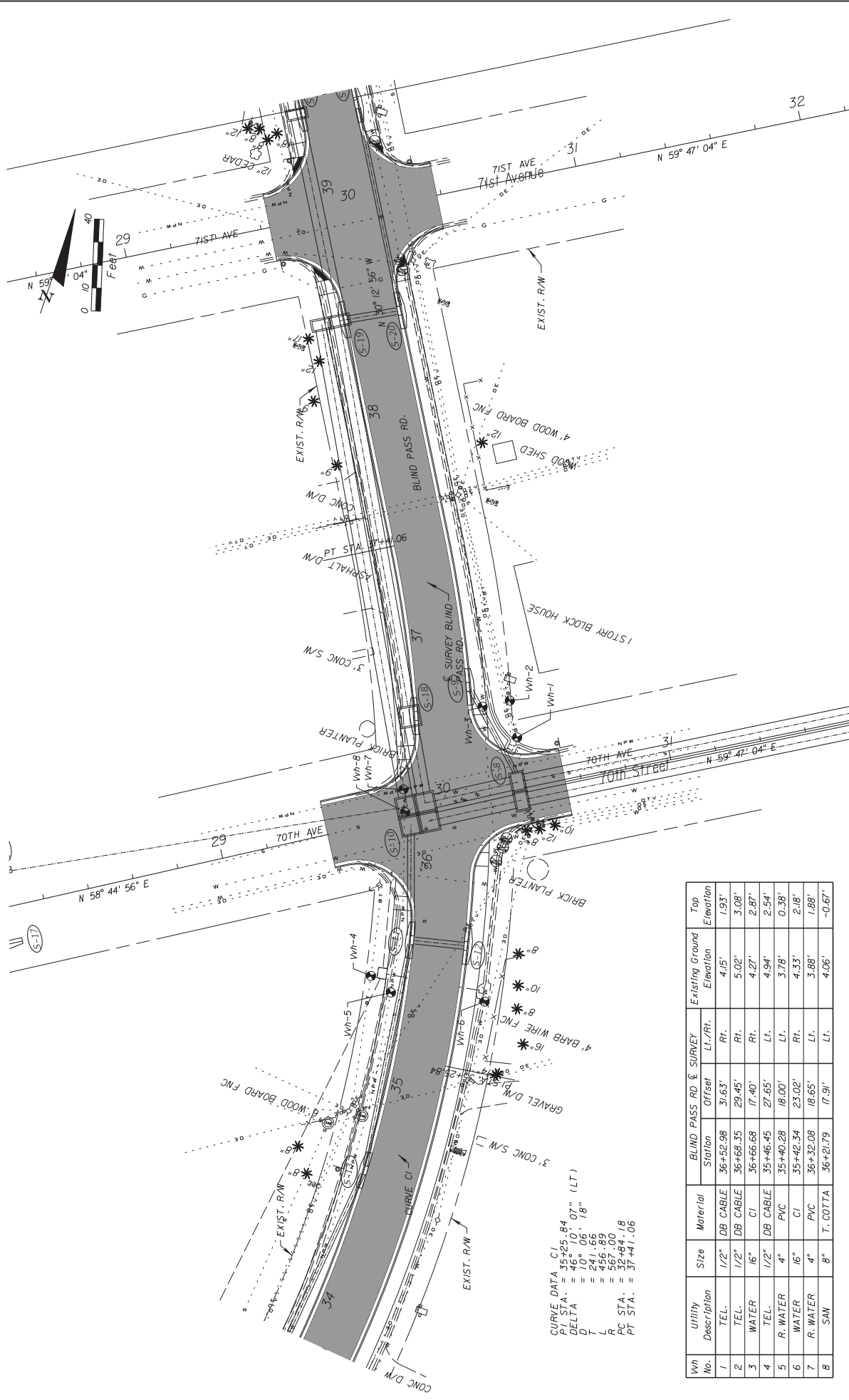
Wh No.	Utility Description	Size	Material	BLIND PASS RD @ SURVEY		Existing Ground		Top Elevation
				Station	Offset	LI./RI.	Elevation	
9	WATER	16"	CI	298+22.13	37.32'	Rt.	7.05'	2.90'
ID	N/A	N/A	N/A	298+24.15	33.15'	Rt.	6.88'	N/A

CURVE DATA C.I.
P.I. STA. = 35+25.84
DELTA = 46° 10' 07" (LT)
D = 10° 06' 18"
L = 241.66
E = 429.09
P.C. STA. = 32+84.18
P.T. STA. = 37+41.06

REVISIONS		CITY OF ST. PETE BEACH PUBLIC SERVICES DEPARTMENT		SHEET NO.
DATE	DESCRIPTION	ROAD NO.	FINANCIAL PROJECT ID	
		N/A	N/A	34

Michael Baker Jr., Inc.
Gerald A. Dabkowski, P.E.,
P.E. License Number: 34810
4503 W. Manatee Avenue
Tampa, Florida 33614
Certificate of Authorization 28861

UTILITY ADJUSTMENTS
29487.52 TO 33480



CURVE DATA C1
PI STA. = 35+25.84
DELTA = 46° 10' 07" (LT)
D = 10' 06' 18"
L = 456.66
R = 560.00
PC STA. = 32+84.18
PT STA. = 37+41.06

Vh No.	Utility Description	Size	Material	BLIND PASS RD. & SURVEY		Existing Ground Elevation	Top Elevation
				Station	Offset Lt./Rt.		
1	TEL.	1/2"	DB CABLE	36+52.98	31.63' Rt.	4.15'	1.93'
2	TEL.	1/2"	DB CABLE	36+68.35	29.45' Rt.	5.02'	3.08'
3	WATER	16"	CI	36+66.68	17.40' Lt.	4.27'	2.87'
4	TEL.	1/2"	DB CABLE	35+46.45	27.65' Lt.	4.94'	2.54'
5	R. WATER	4"	PVC	35+40.28	18.00' Lt.	3.78'	0.38'
6	WATER	16"	CI	35+42.34	23.02' Rt.	4.33'	2.18'
7	R. WATER	4"	PVC	36+32.08	18.65' Lt.	3.88'	1.88'
8	SAN	8"	T. COTTA	36+21.79	17.91' Lt.	4.06'	-0.67'

DATE

DESCRIPTION

REVISIONS

DATE

DESCRIPTION

CITY OF ST. PETE BEACH
PUBLIC SERVICES DEPARTMENT

ROAD NO. N/A

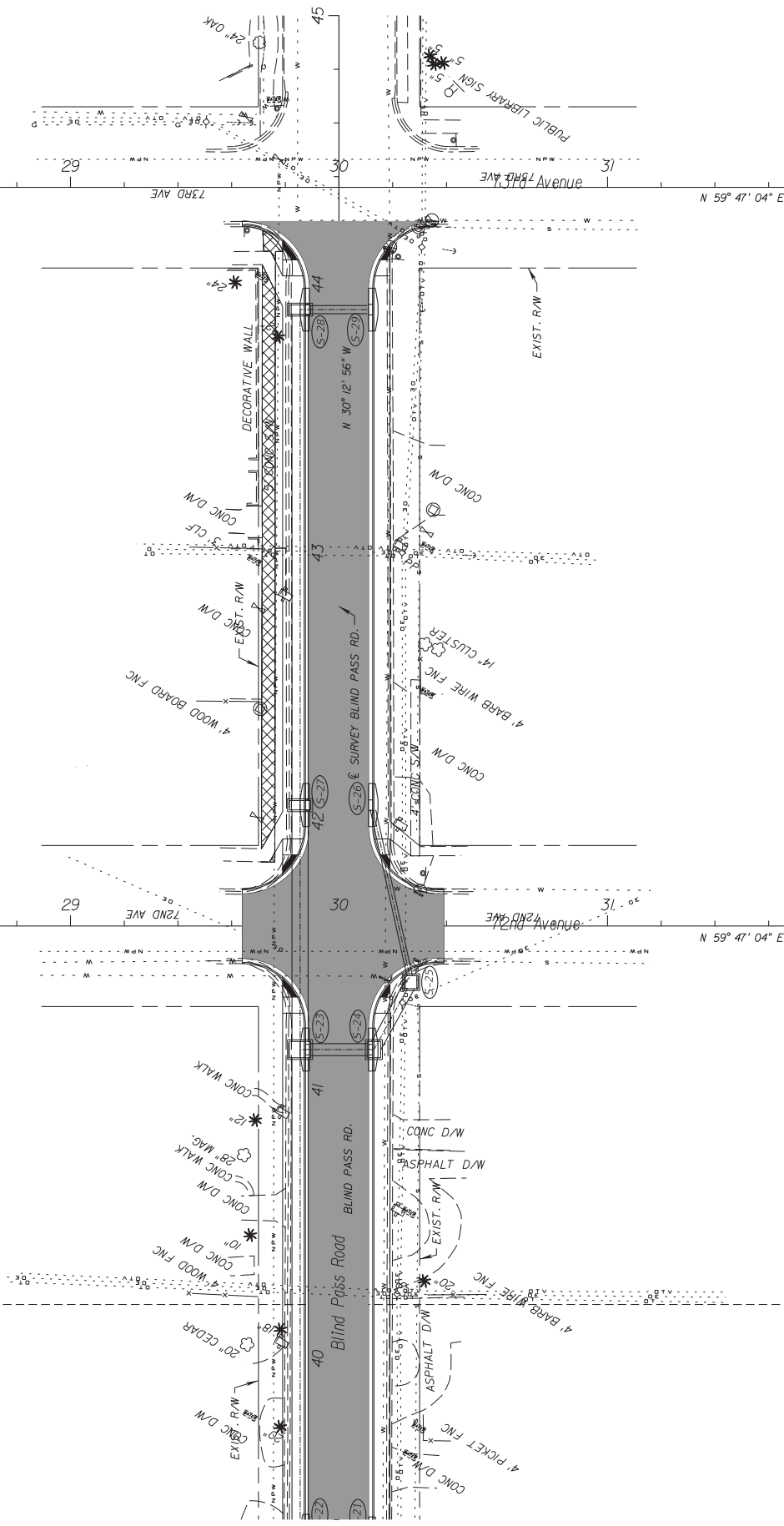
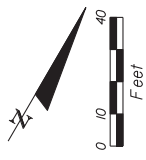
COUNTY PINELLAS

FINANCIAL PROJECT ID N/A

Michael Baker Jr., Inc.
Gerald A. Dabkowski, P.E.
P.E. License Number: 34810
4503 W. Manatee Avenue South
Tampa, Florida 33614
Certificate of Authorization 28861

UTILITY ADJUSTMENTS
33+80 TO 39+40

SHEET NO. 35



REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION

Michael Baker Jr., Inc.
Gerald A. Dabkowski, P.E.
P.E. License Number: 34810
4503 W. Manatee Avenue
Tampa, Florida 33614
Certificate of Authorization 28861

CITY OF ST. PETE BEACH PUBLIC SERVICES DEPARTMENT		FINANCIAL PROJECT ID	
ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
N/A	PINELLAS	N/A	

UTILITY ADJUSTMENTS 3940 TO 4540		SHEET NO.	
			36

Email 2015-02-09

From: Ian Wade [mailto:iwade@stpetebeach.org]
Sent: Monday, February 09, 2015 10:44 AM
To: Squires, Andrew P
Cc: swoodbery@gmail.com
Subject: St Pete Beach Restore application amount

Good morning

I got your message from Friday regarding the amount that we are requesting for Blind Pass Rd. I was unsure if and where we would enter an amount we are requesting, sorry about that.

The amount we request will obviously factor in the scope of our project, the amount available for the Restore program, and the amounts listed on the attached SWFWMD request (which includes \$311,734 for FY2014 and \$351,750 for future funding, for a total of \$663,484).

With this in mind, the City of St Pete Beach would like to request the second half of the original matched funds for the storm water portion of this project, \$311,734. Note that although this was originally allocated for FY2014, SWFMD has indicated that this amount is still available in FY2015, despite project delays which pushed it back.

If this is too much and therefore decreases our chances of being awarded any funds, please let me know and we can adjust the request accordingly. However, at this time the City is requesting \$311,734 to match the current SWFWMD allocation.

Thanks,

Ian Wade

Sent from my iPhone

Email 2015-02-10 St Pete Beach

From: Ian Wade [mailto:iwade@stpetebeach.org]
Sent: Tuesday, February 10, 2015 2:06 PM
To: Squires, Andrew P
Cc: Susan Woodbery
Subject: FW: St Pete Beach Blind Pass Road Restore submittal

Andy

As I confirmed below with Sue, the \$311k is for the stormwater components of the construction phase. I would think that it would not take more than 6 of the 12 month total construction duration for the project. Perhaps, however, for ease of meeting milestone completion dates, we could ask for the full 12 months?

Thanks

Ian Wade, PE
Project Manager
City of St Pete Beach
155 Corey Ave
St Pete Beach, FL 33706
Tel: 727.363.9254
iwade@stpetebeach.org
www.stpetebeach.org

From: Susan Woodbery [mailto:swoodbery@gmail.com]
Sent: Tuesday, February 10, 2015 8:49 AM
To: Ian Wade
Subject: Re: St Pete Beach Blind Pass Road Restore submittal

yes, the \$311,000 was only for construction phase and the future amount is for CEI.

sue

On Tue, Feb 10, 2015 at 8:36 AM, Ian Wade <iwade@stpetebeach.org> wrote:

Sue

Can you help me answer this question? That was only for construction, correct? The CEI funds were part of the \$351k for "future amount", correct?

Ian Wade, PE
Project Manager

City of St Pete Beach

155 Corey Ave

St Pete Beach, FL 33706

Tel: [727.363.9254](tel:727.363.9254)

iwade@stpetebeach.org

www.stpetebeach.org

From: Squires, Andrew P [mailto:asquires@co.pinellas.fl.us]
Sent: Tuesday, February 10, 2015 4:52 AM
To: Ian Wade
Cc: swoodbery@gmail.com
Subject: RE: St Pete Beach Blind Pass Road Restore submittal

Ian:

The e-mail below indicates the City is requesting \$311,734 to match the current SWFWMD allocation for the storm water portion of the project. Please clarify what component or components of the stormwater project these funds cover (design, permitting, construction?). And what will be the project duration for the project component or components?

Andy Squires, MS, CPM

Section Manager, Coastal & Freshwater Resources

Pinellas County Natural Resources Division

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From: Ian Wade [<mailto:iwade@stpetebeach.org>]
Sent: Monday, February 09, 2015 10:44 AM
To: Squires, Andrew P
Cc: swoodbery@gmail.com
Subject: St Pete Beach Restore application amount

Good morning

I got your message from Friday regarding the amount that we are requesting for Blind Pass Rd. I was unsure if and where we would enter an amount we are requesting, sorry about that.

The amount we request will obviously factor in the scope of our project, the amount available for the Restore program, and the amounts listed on the attached SWFWMD request (which includes \$311,734 for FY2014 and \$351,750 for future funding, for a total of \$663,484).

With this in mind, the City of St Pete Beach would like to request the second half of the original matched funds for the storm water portion of this project, \$311,734. Note that although this was originally allocated for FY2014, SWFWMD has indicated that this amount is still available in FY2015, despite project delays which pushed it back.

If this is too much and therefore decreases our chances of being awarded any funds, please let me know and we can adjust the request accordingly. However, at this time the City is requesting \$311,734 to match the current SWFWMD allocation.

Thanks,

Ian Wade

Sent from my iPhone

Begin forwarded message:

From: Susan Woodbery <swoodbery@gmail.com>
Date: February 6, 2015 at 8:54:58 AM EST
To: Ian Wade <iwade@stpetebeach.org>
Subject: here you go

call with any other questions.

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