INVITATION TO BID 2023-01
CITY OF PARKER
ROADWAY IMPROVEMENTS
PHASE 1

ADDENDUM NO. 1
REQUESTS FOR INFORMATION

Issued July 10, 2023

Bids are due at **2:00 p.m. CST** on **Tuesday, July 18, 2023**. Bids will be publicly opened and read aloud at 5:30 p.m. CST at the City Council Meeting on Tuesday, July 18, 2023.

The following requests for additional information (RAIs) were received from bidder(s) and area being addressed through this Addendum as follows:

RAI No. 1. Will this project require Davis-Bacon Wages?

City's Response to Request for Information Question No. 1
No. This project is being funded by the City.

RAI No. 2. Will this project require Owner-Paid Material?

City's Response to Request for Information Question No. 2
No. Contractor will be responsible in providing all material for project.

RAI No. 3. Can you confirm that there will not be a pre-bid meeting for this project?

City's Response to Request for Information Question No. 3
No pre-bid meeting was scheduled for this project.

RAI No. 4. What is the proposed budget for this project?

City's Response to Request for Information Question No. 4
Due to the instability of the current market, no budget is currently available for this project.

RAI No. 5. What is the engineer's budget for this project? I need to know in order to get a bid bond.

City's Response to Request for Information Question No. 5
See response to RAI No. 4 above.

RAI No. 6. Each one of these roads has erosion control on the Bid Form, but there is no Erosion Control shown in the plans. What is the intent behind this line item?

City's Response to Request for Information Question No. 6
Minimal, if any, erosion control is anticipated to be required. This line item has been removed. Any erosion control measures that may be needed should be included in the Milling and Repaving or the Reconstruction Line Item.

Please **REMOVE** the Measurement and Payment Section in its entirety and **REPLACE** with the revised Measurement and Payment Section (refer to ***Attachment A***).

Please **REMOVE** the Bid Form Section in its entirety and **REPLACE** with the revised Bid Form Section (refer to ***Attachment B***).

RAI No. 7. For the Boat Race Road portion of this project there is a restoration line item if the work is to be performed from edge of pavement to edge of pavement, what is intended to be captured under this bid item? There are not any items shown on the plan sheets for take-off that would fall under this pay item description.

City's Response to Request for Information Question No. 7
This line items is to address restoration should any construction practices affect the area outside of the right of way. If none are anticipated, bid accordingly.

RAI No. 8. The Bid Form for Lake Drive also shows a Restoration line item. This line item has a bid quantity of 0. Is this correct or is there intention for there to be a cost associated with this bid item?

City's Response to Request for Information Question No. 8
This was an oversight. It should be "1".

Please **REMOVE** the Bid Form Section in its entirety and **REPLACE** with the revised Bid Form Section (refer to ***Attachment B***).

RAI No. 9. Is there an Engineer's estimate for this project?

City's Response to Request for Information Question No. 9
See response to RAI No. 4 above.

RAI No. 10. Regarding the striping, the plans are showing a 6-inch white strip coming off the 24-inch stop bars, should that be a double-yellow line instead.

City's Response to Request for Information Question No. 10
Yes, please see revised drawings.

Please **REMOVE** the Bid Construction Drawing Set in its entirety and **REPLACE** with the revised Bid Construction Drawing Set which includes modifications to SHEET C1.2 and C1.4 per this comment (refer to ***Attachment B***).

RAI No. 11. On the Bid Form for Lake Drive, Bid Item No. 7, there is a "0" for quantity, should that be a 1 or the line item deleted?

City's Response to Request for Information Question No. 11
Please refer to RAI No. 8 above.

RAI No. 12. On the Side Road Turnout Detail, it's showing 1.0-inch of SP9.5 Friction Course, can we price that as Standard SP9.5 instead?

City's Response to Request for Information Question No. 12
Please provide pricing for SP9.5 Friction Course.

RAI No. 13. On the Typical Milling Section, it's showing to mill and replace with a 2.5-inch layer of asphalt, yet the following roads Lance Drive, Boat Race Road, Thornton Lane and Soule Drive are showing just a 1.5-inch layer to mill and replace. Do we bid the 1.5-inch mill and resurface for Lance Drive, Boat Race Road and Thornton Lane/Soule Drive and 2.5-inch for Lake Drive?

City's Response to Request for Information Question No. 13
Yes. The Typical Milling section for Lake Drive is different from the remaining roadways.

Please **REMOVE** the Bid Construction Drawing Set in its entirety and **REPLACE** with the revised Bid Construction Drawing Set which includes modifications to SHEET C2.2 per this comment (refer to ***Attachment B***).

RAI No. 14. Can we bid SP9.5 asphalt for the roads with a 1.5-inch mill and resurface instead of the SP12.5 asphalt shown?

City's Response to Request for Information Question No. 14
Please bid per the design to include an SP12.5 with 1.5-inch lifts.

Sent to Registered Bidders: **July 10, 2023**
Posted to City's RFP Webpage: **July 10, 2023**

INVITATION TO BID 2023-01
CITY OF PARKER
ROADWAY IMPROVEMENTS - PHASE 1

ATTACHMENT A

REVISED MEASUREMENT & PAYMENT SECTION

SECTION 01150
MEASUREMENT AND PAYMENT

PART 1 - SCOPE OF WORK

A. The scope of this section of the Contract Documents is to further define the items included in each Bid Item in the Bid Proposal section of these Specifications.

B. Payment will be made based on the specified items included in the description in this section for each Bid Item.

1.02 GENERAL

A. All Contract Prices included in the Bid Proposal section will be full compensation for all labor, materials, tools, equipment and incidentals necessary to complete the construction as shown on the drawings and/or as specified in the Contract Documents to be performed under this contract.

B. Actual quantities of each item bid on a unit price basis will be determined upon completion of the construction in the manner set up for each item in this section of the specifications.

C. Payment for all items listed in the Bid Form will constitute full compensation for all work shown and/or specified to be performed under this project.

1.03 ESTIMATED QUANTITIES

A. The quantities shown are approximate and are given only as a basis of calculation upon which the award of the Contract is to be made.

B. The OWNER/ENGINEER does not assume any responsibility for the final quantities, nor shall the CONTRACTOR claim misunderstanding because of such estimate of quantities.

C. Final payment will be made only for satisfactorily completed quantity of each item.

1.04 WORK OUTSIDE AUTHORIZED LIMITS

A. No payment will be made for work constructed outside the authorized limits of work.

1.05 MEASUREMENT STANDARDS

A. Unless otherwise specified for the particular items involved, all measurements of distance shall be taken horizontally or vertically.

1.06 AREA MEASUREMENTS

A. In the measurement of items to be paid for on the basis of area of finished work, the lengths and/or widths to be used in the calculations shall be the final dimensions measured along the surface of the completed work within the neat lines shown or designated.

1.07 LUMP SUM ITEMS

A. Where payment for items is shown to be paid on a lump sum basis, no separate payment will be made for any item of work required to complete the lump sum item.

B. Lump sum Bid Items shall be complete, tested and fully operable prior to request for final payment.

C. Measurement shall be based upon the ENGINEER's estimate of percent complete per partial payment period.

1.08 UNIT PRICE ITEM

A. Separate payment will be made for the items of work described herein and listed on the Bid Form.

B. Any related work not specifically listed but required for satisfactory completion of the work shall be considered to be included in the scope of the appropriate listed work items.

1.09 OTHER PROVISIONS

A. No separate payment will be made for the following items and the cost of such work shall be included in the applicable pay items of work unless indicated otherwise in the individual Bid Item.

1. Clearing, grubbing, and grading.

2. Replacement and/or repair of existing utilities damaged during construction.

3. Trench excavation, including necessary pavement removal, rock removal, muck removal and restoration unless a separate Bid Item is listed in the Bid Form.

4. Ditch and swale restoration.

5. Structural fill, backfill and grading.

6. Borrow materials.

7. Maintaining the existing quality of service during construction.

8. Appurtenant work as required for a complete and operable system.

B. Final payment shall not be requested by the CONTRACTOR or made by the OWNER until record drawings have been submitted to the ENGINEER.

PART 2 - PRODUCTS (NOT APPLICABLE)

PART 3 - EXECUTION

3.01 BASE BID

A. **BID ITEM 1 - MOBILIZATION/DEMOBILIZATION**

1. Payment for all work included under this Bid Item will be made at the lump sum price bid for mobilization and demobilization of all labor, equipment, materials, and appurtenances necessary for construction of the project.

2. Mobilization shall include all those operations necessary for the movement of personnel, equipment, supplies, and incidentals to the project site and for the establishment of temporary offices, buildings, safety equipment and first aid supplies, and sanitary and other facilities.

3. Also included as part of this Bid Item is the cost for project indemnifications, video and photographs, shop drawings, working drawings, schedules, record drawings and documents, coordination, and phasing and other miscellaneous items associated with the work.

4. Measurement for this Bid Item will be lump sum. The lump sum price for mobilization/demobilization will be limited to 10% of the applicable subcontract bid amount.

5. The CONTRACTOR shall apply for up to but no more than 70% of the mobilization/demobilization lump sum price in the first month’s partial payment.

6. The CONTRACTOR shall apply for the remaining 30% of the mobilization/demobilization lump sum with the final partial payment.

B. **BID ITEM 2 – BONDS AND INSURANCE**

1. Payment for this Bid Item shall be made at the lump sum price bid for all bonds and insurance policies as required by the Contract Documents.

2. Payment will be made only after proper documentation is provided to the ENGINEER. Measurement of this Bid Item shall be lump sum.

3. THIS BID ITEM SHALL NOT EXCEED 5.0% OF THE APPLICABLE SUBCONTRACT BID AMOUNT.

~~C. **BID ITEM 3 – EROSION CONTROL**~~

~~1. Payment for all work included under this Bid Item will be made at the lump sum price bid for all work associated with the prevention, control and abatement of erosion and water pollution in accordance with the contract documents.~~

~~2. Payment shall include all items and incidentals necessary to complete the work in conformance with NPDES and other permit requirements.~~

~~3. Measurement for work included under this Bid Item will be lump sum.~~

~~D.~~C. **BID ITEM 4 - MAINTENANCE OF TRAFFIC**

1. Payment for all work included under this Bid Item will be made at the lump sum price bid for maintenance of traffic in accordance with the FDOT Standards.

2. Payment shall include all maintenance of traffic necessary for construction of the improvements indicated in plans.

3. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

4. Measurement for the work included under this Bid Item shall be lump sum.

~~E.~~D. **BID ITEM – LAYOUT AND AS-BUILTS BY PLS**

1. This Bid Item only applies to certain project locations, refer to individual location Bid Forms for more information on each location.

2. Payment for the work included under this Bid Item shall be made at the lump sum price bid for all work associated with furnishing all layouts of the improvements as well as surveys and preparation of

record drawings as required under the contract documents.

3. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

4. Measurement for the work included under this Bid Item shall be lump sum.

~~F.~~E. **BID ITEM – PAINTED PAVEMENT MARKINGS**

1. Payment for all work included under this Bid Item will be made as a percentage of work completed for all work associated with providing painted pavement markings as shown on the plans and shall include painted pavement marking/striping of roadways, crosswalks, thick stop bars, directional arrows, etc. at the locations shown on the Contract Drawings.

2. Payment shall include, but not be limited to striping using standard white and yellow thermoplastic at the dimensions shown on the Contract Drawings.

3. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

~~G.~~F. **BID ITEM – RESTORATION**

1. Payment for all work included under this bid item will be made as a percentage of work completed for all work related to restoring each area disturbed to pre-construction conditions and shall include seeding or sodding in areas where construction disturbed landscape, removal and replacement of mailboxes, fences, minor drainage improvements, landscaping improvements or other incidental modifications needed to restore the right of way to preconstruction conditions or better, in accordance with the contract documents.

2. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

~~H.~~G. **BID ITEM – DEMOLISH AND RECONSTRUCT ROADWAY**

1. Payment for all work included under this Bid Item will be made as a percentage of work completed for all work related to demo, removal and replacement of the roadway as indicated in the contract documents. This work will include the demolition and removal of existing base course and subgrade material, placement of new base course material, compaction, dewatering (if needed), tack coat and/or prime coat applications, compaction testing, asphalt testing,

minor drainage improvements and other related work needed to complete the work indicated in the contract documents.

2. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

~~I.~~H. **BID ITEM – MILLING AND RESURFACING OF EXISTING ROADWAY**

1. Payment for all work included under this Bid Item will be made as a percentage of work completed for the milling and resurfacing of existing asphalt at locations shown on the Contract Drawings. This line item will include but not be limited to the removal of the existing asphalt, delivery of the asphalt millings to the location indicated in the plans, installation of asphalt, tack coat application, adjusting the sewer manholes and water meter valves, any roadway turn outs or driveways shown on the plans and other work needed to complete the milling and resurfacing as indicated in the Contract Documents.

2. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

~~J.~~I. **BID ALTERNATE 1 – BOAT RACE ROAD BID ITEM 8 ALTERNATE**

1. Payment for all work included under this bid item will be made as a percentage of work completed for all work related to removing and reconstructing the section of Boatrace Road from Sta 0+35 to Sta 5+00 INSTEAD of milling and resurfacing this section as indicated in Bid Item 8 of the Boatrace Rd Subcontract Base Bid. If selected this Bid Item will replace Item 8 of the Bid.

2. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

END OF SECTION 01150

ATTACHMENT B

REVISED
BID FORM SECTION

BID FORM ITB NO: 2023-01

This proposal of_____, hereinafter called "BIDDER," organized and existing under the laws of the State of_____ doing business as (Insert "a corporation" or "a partnership" or "an individual" as applicable) _____ is hereby submitted to the City of Parker.

In compliance with the ADVERTISEMENT FOR BIDS, BIDDER hereby proposes to perform work associated with the City-Wide Stormwater Improvements project at certain locations within the City of Parker as identified in the Instruction to Bidders of this Contract Document and Construction Drawings, as described in this BID, complete in every detail. Please see BID-FORM page 2 to complete BID FORM in detail.

BID should include all applicable taxes, shipping charges and fees as applicable.

By submission of this BID, each BIDDER certifies, and in the case of a joint BID each party thereto certifies as to its own organization, that this BID has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this BID with any other BIDDER or with any other competitor.

The Unit Contract Price is:

_____($_____)

(Words)

submitted by:

_____

Name of BIDDER Submitting This BID

BID Prepared By:_____

SEAL: (If BID is by Corporation)

_____

Name of Individual Who Prepared This BID

Contact Email: _____

Address:_____

Phone:_____

Signature of Authorized Representative of BIDDER:

_____Date:_____

BID FORM

Bid Item #	Description	Qty	Unit	Cost	Total
A. Lake Drive					
1.	**Mobilization/Demobilization** (Max of 10% of the total Bid Amount for Item A)	1	LS	**$**	**$**
2.	**Bonds and Insurance** (Max of 5% of the total Bid Amount for Item A)	1	LS	**$**	**$**
3.	**Maintenance of Traffic**	1	LS	**$**	**$**
4.	**Layout and As-Builts by PLS**	1	LS	**$**	**$**
5.	**Painted Pavement Markings/Striping**	1	LS	**$**	**$**
6.	**Restoration**	1	LS	**$**	**$**
PAVEMENT REPLACEMENT SECTION (North 9th Plaza to North 9th Street)					
7.	**Demolish and Reconstruct Roadway (North 9th Plaza to North 9th Street)**	1	LS	**$**	**$**
ASPHALT MILLING AND ASPHALT OVERLAY (EXCLUDING REPLACMENT SECTION)					
8.	**Milling and Resurfacing of Existing Roadway (excluding Replacement Section)**	1	LS	**$**	**$**
Subcontract Base Bid Amount for Bid Item A - Lake Drive Improvements					**$**

Bid Item #	Description	Qty	Unit	Cost	Total
B. Lance Street (North 11th Street to South Tyndall Parkway – Milling and Resurfacing)					
1.	**Mobilization/Demobilization** (Max of 5% of the total Bid Amount for Item B)	1	LS	**$**	**$**
2.	**Bonds and Insurance** (Max of 5% of the total Bid Amount for Item B)	1	LS	**$**	**$**
3.	**Maintenance of Traffic**	1	LS	**$**	**$**
4.	**Painted Pavement Markings**	1	LS	**$**	**$**
5.	**Milling and Resurfacing of Existing Roadway**	1	LS	**$**	**$**
Subcontract Base Bid Amount for Bid Item B – Lance Drive					**$**

Bid Item #	Description	Qty	Unit	Cost	Total
C. Boatrace Road (from North 11th Street to South Tyndall Parkway)					
1.	**Mobilization/Demobilization** (Max of 10% of the total Bid Amount for Item C)	1	LS	**$**	**$**
2.	**Bonds and Insurance** (Max of 5% of the total Bid Amount for Item C)	1	LS	**$**	**$**
3.	**Maintenance of Traffic**	1	LS	**$**	**$**
4.	**Layout and As-Builts by PLS**	1	LS	**$**	**$**
5.	**Painted Pavement Markings**	1	LS	**$**	**$**
6.	**Restoration**	1	LS	**$**	**$**
7.	**Milling and Resurfacing of Existing Roadway (Sta 0+35 to 5+00)**	1	LS	**$**	**$**
8.	**Milling and Resurfacing of Existing Roadway (Sta 5+00 to Sta 12+33**	1	LS	**$**	**$**
Subcontract Base Bid Amount for Bid Item C – Boatrace Road					**$**
BID ALTERNATE					
7. Alt	**Demolish and Reconstruct Roadway (Sta 0+35 to Sta 5+00)**	1	LS	**$**	**$**

Bid Item #	Description	Qty	Unit	Cost	Total
D. Thornton Lane (East Highway 98 to Soule Drive – Milling and Resurfacing)					
1.	**Mobilization/Demobilization** (Max of 10% of the total Bid Amount for Item D)	1	LS	**$**	**$**
2.	**Bonds and Insurance** (Max of 5% of the total Bid Amount for Item D)	1	LS	**$**	**$**
3.	**Maintenance of Traffic**	1	LS	**$**	**$**
4.	**Milling and Resurfacing of Existing Roadway**	1	LS	**$**	**$**
5.	**Painted Pavement Markings**	1	LS	**$**	**$**
	Subcontract Bid Amount for Bid Item D – Thornton Lane				**$**

Bid Item #	Description	Qty	Unit	Cost	Total
E. Thornton Lane (Thornton Lane and Soule Drive Intersection – Milling and Resurfacing)					
1.	**Mobilization/Demobilization** (10% of the total contract base bid amount)	1	LS	**$**	**$**
2.	**Bonds and Insurance** (5% of the total contract base bid amount)	1	LS	**$**	**$**
3.	**Maintenance of Traffic**	1	LS	**$**	**$**
4.	**Painted Pavement Markings**	1	LS	**$**	**$**
5.	**Milling and Resurfacing of Existing Roadway**	1	LS	**$**	**$**
	Subcontract Bid Amount for Bid Item E – Thornton Lane (Thornton Lane and Soule Drive Intersection – Milling and Resurfacing)				**$**

COMBINED TOTAL OF ALL PROJECTS LISTED ABOVE (BID ITEMS A THROUGH E)	
Combined Project Cost	**$**

INVITATION TO BID 2023-01
CITY OF PARKER
ROADWAY IMPROVEMENTS - PHASE 1

ATTACHMENT C

REVISED
CONSTRUCTION DRAWINGS
(SPECIFICALLY, SHEETS C1.2. C1.4 AND C2.2)

No.	Date	Revision
7		
6		
5		
4		
3		
2		
1	07/07/23	ADDENDUM 1

CONSTRUCTION PLANS

ROADWAY IMPROVEMENTS PHASE 1

PREPARED FOR:

CITY OF PARKER, FLORIDA

CITY COUNCIL

MAYOR, ANDREW KELLY

COUNCIL MEMBER/MAYOR PRO-TEM, TONYA BARROW

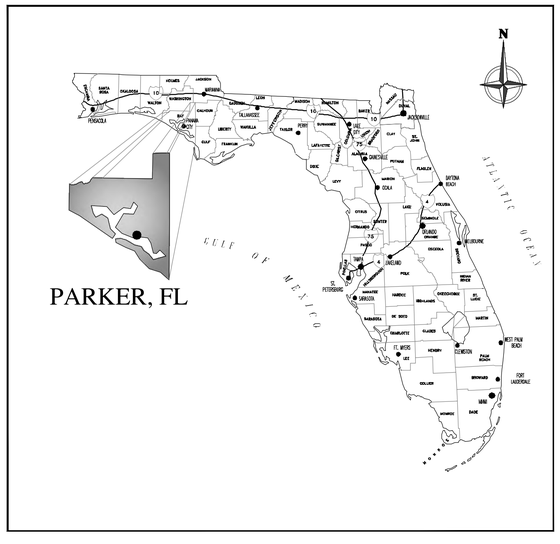
COUNCIL MEMBER, RONALD H. CHAPLE

COUNCIL MEMBER, STACIE GALBREATH

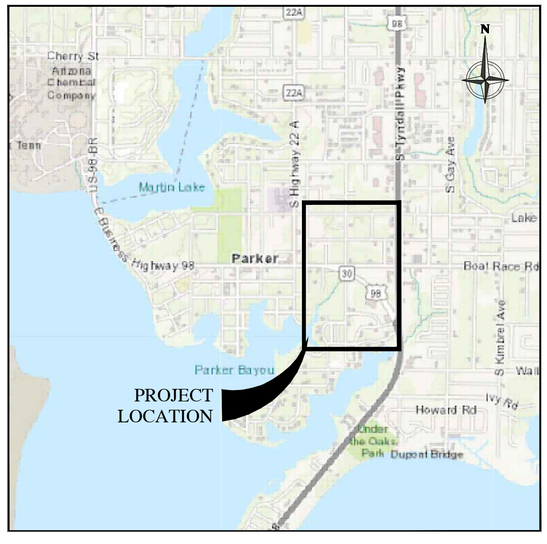
COUNCIL MEMBER, APRIL L. GIBSON

Anchor CEI
Engineering that works.
P. 850.215.1285 • F. 850.215.1286
450 Magnolia Avenue, Panama City, FL 32401
CA Number: 31422

VICINITY MAP



LOCATION MAP



INDEX OF SHEETS

C0.0	COVER SHEET
1 0F 4	TOPOGRAPHIC SURVEY
2 0F 4	TOPOGRAPHIC SURVEY
3 0F 4	TOPOGRAPHIC SURVEY
4 0F 4	TOPOGRAPHIC SURVEY
C0.1	GENERAL NOTES
C1.0	OVERALL PROJECT KEY MAP
C1.1	LAKE DRIVE ROADWAY PLAN
C1.2	LANCE DRIVE ROADWAY PLAN
C1.3	BOAT RACE ROAD ROADWAY PLAN
C1.4	THORTON LANE AND SOULE DRIVE ROADWAY PLAN
C2.1	STANDARD DETAILS
C2.2	STANDARD DETAILS

DATE: 7/7/2023

GENERAL PROVISIONS

1. THE CONTRACTOR SHALL OBTAIN FROM THE OWNER COPIES OF ALL AVAILABLE REGULATORY AGENCY PERMITS AND LOCAL AGENCY PERMITS.

2. CONTRACTOR, AS PART OF THE BASE BID, SHALL FIELD LOCATE ALL UNDERGROUND UTILITIES WITHIN THE PROJECT AREA WITHIN THE 30 DAYS OF PROJECT AWARD. CONTRACTOR SHALL REVIEW THE PLANS AND SHALL NOTE ANY DISCREPENCIES TO THE ENGINEER IMMEDIATELY.

3. CONTRACTORS, AS PART OF THE BASE BID, SHALL PROVIDE ALL COORDINATION WITH UTILITY PROVIDERS TO PROVIDE FOR THE MATERIALS AND WORK NEEDED TO PROVIDE SERVICES TO THE PROJECT.

4. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE FOR ALL DEMOLITION OF ABOVE GROUND AND UNDERGROUND IMPROVEMENTS IN ORDER TO CONSTRUCT THE PROPOSED IMPROVEMENTS NOTED ON THE PLANS. UNLESS APPROVED IN WRITING FROM THE OWNER, ALL MATERIALS SHALL BE REMOVED FROM THE SITE AS PART OF THE BASE BID.

5. ALL DETAILS AND REFERENCES TO FDOT REFER TO THE LATEST EDITION OF THE FDOT DESIGN STANDARDS.

6. CONTRACTOR AND HIS SURVEYOR SHALL NOTE THE PROJECT BENCHMARK INFORMATION PROVIDED IN THE PLANS AND VERIFY PRIOR TO CONSTRUCTION.

7. ALL CONSTRUCTION PROJECTS 1 OR MORE ACRES IN SIZE THAT DISCHARGE TO OFFSITE AREAS ARE REQUIRED TO COMPLY WITH THE REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT FOR STORMWATER DISCHARGE FROM SMALL AND LARGE CONSTRUCTION ACTIVITIES. IN ORDER TO MEET NPDES REQUIREMENTS, THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING, INSPECTING, MAINTAINING, AND REPORTING ON ALL ELEMENTS OF THE SWPPP, COMPLETING AND SUBMITTING THE REQUIRED NOTICE OF INTENT (NOI) AND NOTICE OF TERMINATION (NOT) FORMS AS THE OPERATOR, AND PAYING ALL ASSOCIATED FEES. FOR PROJECTS LESS THAN 1 ACRE IN SIZE THAT ARE NOT REQUIRED TO COMPLY WITH THE NPDES GENERAL PERMIT, THE CONTRACTOR IS STILL RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO AND DURING CONSTRUCTION IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS.

8. UNLESS OTHERWISE NOTED ON THE PLANS, THE CONTRACTOR SHALL USE THE GEOMETRY PROVIDED ON THE CONSTRUCTION PLANS. BENCHMARK INFORMATION SHALL BE PROVIDED TO THE CONTRACTOR BY THE OWNER OR OWNER'S SURVEYOR. ANY DISCREPANCIES BETWEEN FIELD MEASUREMENTS AND CONSTRUCTION PLAN INFORMATION SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.

9. BASE SURVEY INFORMATION INCLUDING BUT NOT LIMITED TO ELEVATIONS, EASEMENTS, RIGHTS OF WAY, AND OTHER TOPOGRAPHIC INFORMATION HAS BEEN PREPARED BY OTHER PROFESSIONALS. ANCHOR CEI, INC. ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THIS INFORMATION.

10. THIS SET OF PLANS MAY CONTAIN DRAWINGS PREPARED BY OTHER PROFESSIONALS, WHICH CONTAIN THE NAME, ADDRESS, AND LOGO OF THE PROFESSIONAL. ANCHOR CEI, INC. IS NOT RESPONSIBLE FOR DRAWINGS PREPARED BY OTHER PROFESSIONALS.

11. PROTECT BENCHMARKS, PROPERTY CORNERS, AND OTHER SURVEY MONUMENTS FROM DAMAGE OR DISPLACEMENT. IF MARKER NEEDS TO BE REMOVED IT SHALL BE REFERENCED BY LICENSED LAND SURVEYOR AND REPLACED, AS NECESSARY, BY SAME.

12. THE CONTRACTOR IS RESPONSIBLE FOR ALL QUALITY CONTROL TESTING. AS A MINIMUM, TESTING SHALL INCLUDE A) PIPING AND STRUCTURAL EXCAVATION, BEDDING AND BACKFILL MATERIALS AND DENSITY TESTS; B) DETERMINATION OF COMPACTIVE EFFORT NEEDED FOR COMPLIANCE WITH THE DENSITY REQUIREMENTS; C) PORTLAND CEMENT CONCRETE AND ASPHALT PAVING QUALITY CONTROL TESTING INCLUDING DESIGN MIX REVIEW, MATERIALS, FIELD SLUMP AND AIR CONTENT, AND FIELD AND LAB CURED STRENGTH SAMPLES AND TESTING.

13. IN ADDITION TO QUALITY CONTROL TESTING, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REQUIRED TESTING OR APPROVALS FOR ANY WORK (OR ANY PART THEREOF) IF LAWS OR REGULATIONS OF ANY PUBLIC BODY HAVING JURISDICTION SPECIFICALLY REQUIRE TESTING, INSPECTIONS OR APPROVAL. THE CONTRACTOR SHALL PAY ALL COSTS IN CONNECTION THEREWITH AND SHALL FURNISH THE OWNER AND ENGINEER THE REQUIRED CERTIFICATES OF INSPECTION, TESTING OR APPROVAL.

14. ANY DESIGN OR TESTING LABORATORY UTILIZED BY THE CONTRACTOR SHALL BE AN INDEPENDENT LABORATORY ACCEPTABLE TO THE OWNER AND THE ENGINEER, APPROVED IN WRITING, AND COMPLYING WITH THE LATEST EDITION OF THE "RECOMMENDED REQUIREMENTS FOR INDEPENDENT LABORATORY QUALIFICATION", PUBLISHED BY THE AMERICAN COUNCIL OF INDEPENDENT LABORATORIES.

15. TESTING RESULTS SHALL BE PROVIDED TO THE OWNER/OPERATOR AND THE ENGINEER. ALL TEST RESULTS SHALL BE PROVIDED (PASSING AND FAILING) ON A REGULAR AND IMMEDIATE BASIS.

16. THE ENTIRE PROJECT SITE SHALL BE THOROUGHLY CLEANED AT THE COMPLETION OF THE WORK. CLEAN ALL INSTALLED PIPELINES, STRUCTURES, SIDEWALKS, PAVED AREAS, ACCUMULATED SILT IN PONDS, PLUS ALL ADJACENT AREAS AFFECTED BY CONSTRUCTION, AS DIRECTED BY THE OWNER OR JURISDICTIONAL AGENCY. EQUIPMENT TO CLEAN THESE SURFACES SHALL BE SUBJECT TO APPROVAL BY THE OWNER.

17. ALL DISTRUBED AREAS WITHIN RIGHT OF WAYS SHALL BE SODDED.

18. CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING AND OTHER MEANS OF PROTECTION. THIS TO INCLUDE BUT NOT BE LIMITED, FOR ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE TO COMPLY WITH PERFORMANCE CRITERIA FOR OSHA.

19. THE CONTRACTOR SHALL RECOGNIZE AND ABIDE BY ALL OSHA EXCAVATION SAFETY STANDARDS, INCLUDING THE FLORIDA TRENCH SAFETY ACT (90-96, LAWS OF FLORIDA). ANY MATERIAL, CONSTRUCTION METHODS, OR MATERIAL COST TO COMPLY WITH THESE LAWS SHALL BE INCIDENTAL TO THE CONTRACT.

20. CONTRACTOR MUST STOP OPERATION AND NOTIFY THE OWNER FOR PROPER DIRECTION IF ANY ENVIRONMENTAL OR HEALTH RELATED CONTAMINATE IS ENCOUNTERED DURING EXCAVATION.

21. **ALL ASPHALT MILLINGS ARE CONSIDERED PROPERTY OF THE CITY AND SHALL BE DELIVERED TO THE CITY'S YARD LOCATED AT 936 WEST PARK AVENUE AS PART OF THIS CONTRACT.**

TRAFFIC CONTROL

1. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A MAINTENANCE OF TRAFFIC (M.O.T.) PLAN PRIOR TO CONSTRUCTION. THE M.O.T. PLAN SHALL SHOW ALL PROPOSED TRAFFIC CONTROL SIGNS, PAVEMENT MARKINGS, AND BARRICADES, AND SHALL DETAIL ALL PROPOSED CONSTRUCTION SEQUENCING. THE M.O.T. PLAN AND INSTALLED TRAFFIC CONTROL MEASURES SHALL BE APPROVED BY THE ENGINEER, OWNER, AND ROADWAY JURISDICTIONAL AGENCY PRIOR TO CONSTRUCTION. IN GENERAL, ROADWAY AND DRIVEWAY LANE CLOSURES ARE PROHIBITED DURING CONSTRUCTION UNLESS SPECIFICALLY DETAILED ON THESE PLANS. IN THE EVENT IT IS DETERMINED THAT ROADWAY AND DRIVEWAY LANE CLOSURES WILL BE ALLOWED, THE CLOSURES SHALL BE RESTRICTED TO THE HOURS BETWEEN 9:00 A.M. AND 4:00 P.M. UNLESS OTHERWISE AUTHORIZED IN THE APPROVED M.O.T.

2. ALL TRAFFIC CONTROL MEASURES SHALL BE IN ACCORDANCE WITH FDOT INDEX NO. 600 AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL TRAFFIC CONTROL MEASURES SHALL BE INSTALLED PRIOR TO CONSTRUCTION AND MAINTAINED DURING CONSTRUCTION.

3. INSPECT TRAFFIC CONTROL DEVICES ON A DAILY BASIS TO ENSURE PLACEMENT OF BARRICADES AND FUNCTION OF LIGHTS IS MAINTAINED THROUGHOUT CONSTRUCTION.

4. CONTACT PROPERTY OWNERS AFFECTED BY CONSTRUCTION. COORDINATE TEMPORARY DRIVEWAY CLOSURES AND SEQUENCING. MAINTAIN ACCESS FOR ALL PROPERTY OWNERS DURING CONSTRUCTION.

5. WET UNSTABILIZED AREAS AS NECESSARY TO CONTROL DUST.

6. ADJUST TRAFFIC CONTROL DEVICES AS REQUIRED UNDER EMERGENCY CONDITIONS.

7. THE CONTRACTOR IS EXPECTED TO COORDINATE ITS ACTIVITIES WITH OTHER CONTRACTORS WHO MAY BE WORKING IN THE IMMEDIATE VICINITY.

8. WHEN WORK OCCURS WITHIN 15-FT OF ACTIVE ROAD TRAVEL LANES BUT NO CLOSER THAN 2-FT FROM THE EDGE OF PAVEMENT, SIGNAGE AND WARNING DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH FDOT INDEX NO. 600 AND 602.

9. TYPE I OR TYPE II BARRICADES AT 20-FT CENTERS SHALL BE PLACED AND MAINTAINED ALONG THE EDGE OF THE ROAD WHEREVER DROP-OFFS OR OTHER HAZARDS EXIST AND TO BLOCK ENTRANCE INTO COMPLETED OR PARTIALLY COMPLETED PAVEMENTS UNTIL SUCH PAVEMENTS ARE OPEN TO PUBLIC USE.

10. **THE CONSTRUCTION AREA INCLUDES AN ACTIVE SCHOOL ZONE. CONSTRUCTION SHALL BE COORDINATED WITH THE SCHOOL BUS SCHEDULES IN ADDITION TO NORMAL TRAFFIC AND PRIVATE PROPERTY ACCESS.**

PAVING, SIDEWALKS, AND CURBING

1. MATERIALS AND CONSTRUCTION METHODS FOR THE ROADWAY AND PAVING CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.

2. PRIME COAT WILL BE REQUIRED FOR NEW ROADWAYS AND TACK COAT WILL BE REQUIRED FOR RESURFACING.

3. ROADWAY PAVING, BASE, AND SUBGRADE THICKNESSES SHALL BE IN ACCORDANCE WITH DETAILS ON THESE DRAWINGS.

4. SIDEWALKS ARE TO BE CONSTRUCTED IN THE AREAS AS SHOWN ON THE CONSTRUCTION PLANS. HANDICAPPED RAMPS SHALL BE PROVIDED AT ALL INTERSECTIONS AND SHALL BE IN ACCORDANCE WITH THE FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION, LATEST EDITION.

5. CURBING SHALL BE CONSTRUCTED WHERE NOTED ON THE CONSTRUCTION PLANS. ALL CURBS SHALL HAVE SAW CUT CONTRACTION JOINTS AND SHALL BE CONSTRUCTED AT INTERVALS NOT TO EXCEED 10'-0" ON CENTER. CONSTRUCTION OF CURBS SHALL BE IN CONFORMANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION) SECTION 520 AND DETAILS PROVIDED ON THE CONSTRUCTION PLANS.

6. **FIELD COMPACTION DENSITY, STABILITY, AND THICKNESS TESTING FREQUENCIES OF SUB-BASE, BASE, AND ASPHALT SHALL BE TESTED ONCE EVERY 300 LINEAR FEET OF PAVING PER 24-FT WIDE STRIP, STAGGERED LEFT, CENTER AND RIGHT OF CENTERLINE. WHERE LESS THAN 300 LINEAR FEET OF SUB-BASE, BASE, AND ASPHALT IS PLACED IN ONE DAY, PROVIDE MIN. OF ONE TEST FOR EACH PER DAY'S CONSTRUCTION AT A LOCATION DESIGNATED BY THE ENGINEER. ASPHALT EXTRACTION GRADATION SHALL BE TESTED FROM GRAB SAMPLES COLLECTED ONCE EVERY 1800 SQUARE YARDS OF ASPHALT DELIVERED TO THE SITE (OR A MINIMUM OF ONCE PER DAY).**

SIGNS AND PAVEMENT MARKINGS

1. ALL SIGNS AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND THE LATEST IMPLEMENTED EDITION OF FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS.

2. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC WITH RAISED PAVEMENT MARKERS (TYPE 911 - 4" X 4"). RAISED PAVEMENT MARKERS ARE TO BE INSTALLED IN ACCORDANCE WITH THESE PLANS AND FDOT INDEX NO. 17352.

3. ALL ROADWAY TRAFFIC SIGNS SHALL BE MANUFACTURED USING HIGH INTENSITY RETROREFLECTIVE MATERIALS. THE BACK OF ALL FINISHED PANELS SHALL BE STENCILED WITH THE DATE OF FABRICATION, THE FABRICATOR'S INITIALS, AND THE NAME OF THE SHEETING IN THREE-INCH LETTERS.

4. THE CONTRACTOR SHALL VERIFY THE REQUIRED LENGTH OF THE SIGN COLUMN SUPPORTS IN THE FIELD PRIOR TO FABRICATION.

5. CONTRACTOR SHALL PROVIDE AND INSTALL ALL SIGNS, BASES, ANCHOR BOLTS, CONDUITS, WIRING, ETC.

6. ALL PAVEMENT MARKINGS REQUIRE LAYOUT APPROVAL IN THE FIELD BY THE ENGINEER PRIOR TO INSTALLATION.

7. PRIOR TO FINAL PAVEMENT MARKING INSTALLATION, A TWO WEEK CURE TIME OF THE ASPHALT IS REQUIRED.

Anchor CEI Engineering that works.
P. 850.215.1285 • F. 850.215.1286
450 Magnolia Avenue, Panama City, FL 32401
CA Number 31422

Elizabeth S. Moore, PE
FL License No.: 57607

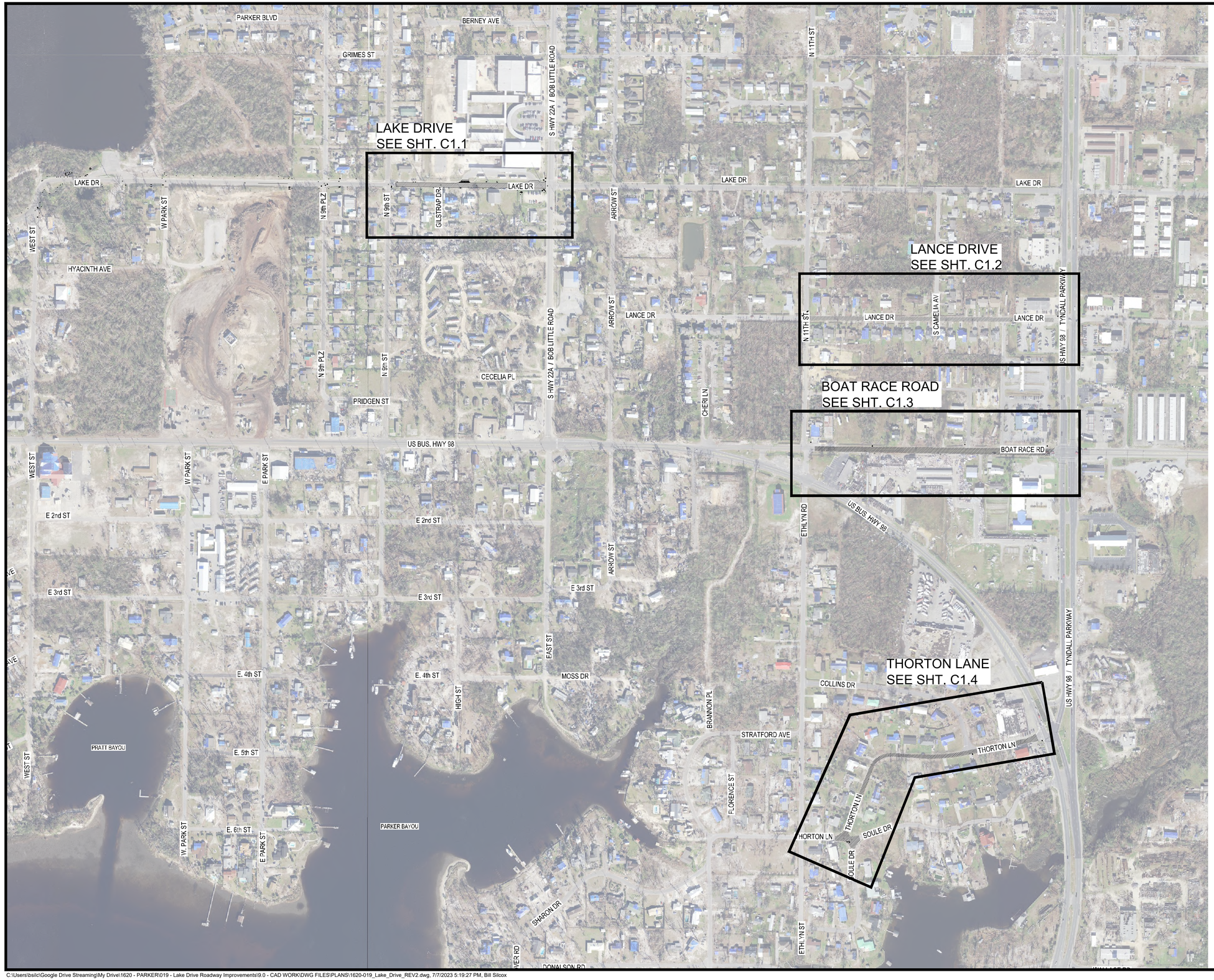
No.	Date	Revision

Designed: B. SILCOX
Drawn: B. SILCOX
Checked: E. MOORE
Job No.: 1620-019
Date: 7/7/2023

GENERAL NOTES

ROADWAY IMPROVEMENTS
PHASE 1
CITY OF PARKER - BAY COUNTY - FLORIDA

Sheet No.
C0.1



N

240 0 240 480

Graphic Scale in Feet

LEGEND

- PROPOSED MILLED ASPHALT
- PROPOSED RESURFACE ONLY
- PROPOSED ASPHALT ROADWAY REPLACEMENT

Anchor CEI
Engineering that works.
P. 850.215.1285 • F. 850.215.1286
450 Magnolia Avenue, Panama City, FL 32401
CA Number 31422

Elizabeth S. Moore, PE
FL License No. 57607

No.	Date	Revision

Designed: B. SILCOX
Drawn: B. SILCOX
Checked: E. MOORE
Job No.: 1620-019
Date: 7/7/2023

OVERALL PROJECT KEY MAP

ROADWAY IMPROVEMENTS PHASE 1

CITY OF PARKER - BAY COUNTY - FLORIDA

Sunshine811
Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
Check positive response codes before you dig!

Sheet No.
C1.0

C:\Users\bsilc\Google Drive Streaming\My Drive\1620 - PARKER\019 - Lake Drive Roadway Improvements\9.0 - CAD WORK\DWG FILES\PLANS\1620-019_Lake_Drive_REV2.dwg, 7/7/2023 5:19:27 PM, Bill Silcox



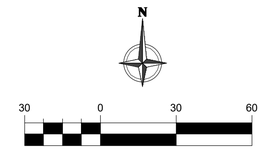
MILLING AND RESURFACING SECTION

STA. 15+00 TO STA. 16+57



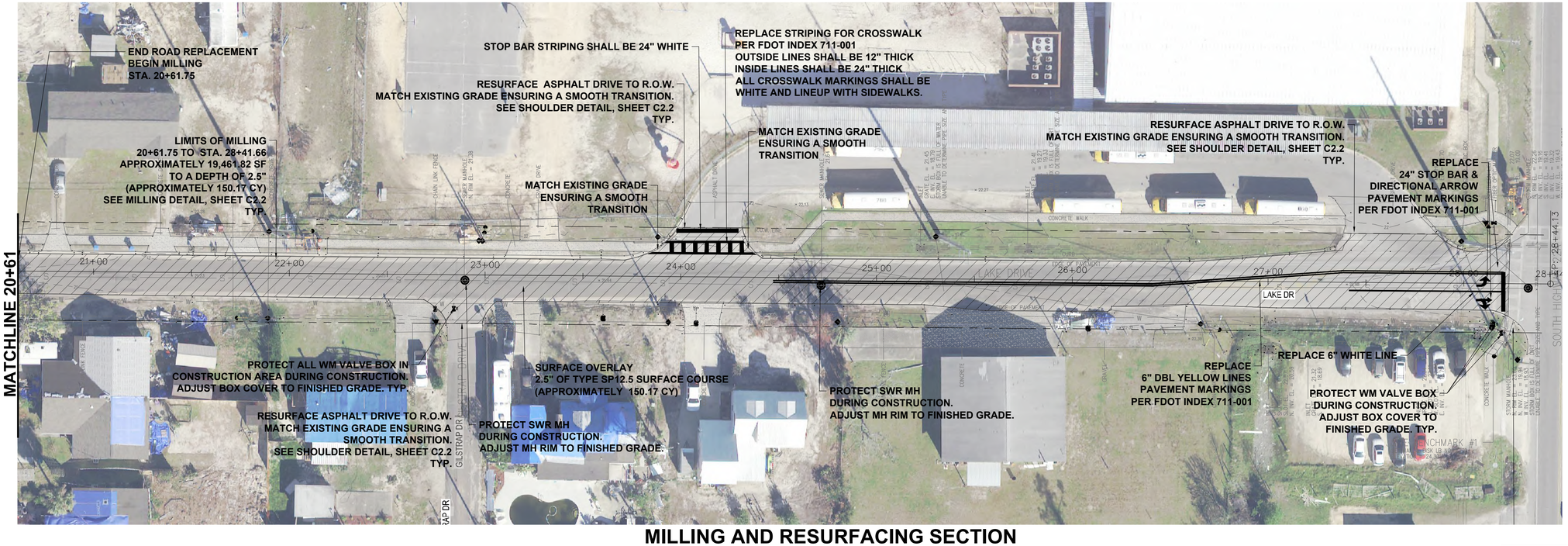
REPLACEMENT SECTION

STA. 16+57 TO 20+61



LEGEND

- PROPOSED MILLED ASPHALT
- PROPOSED ASPHALT ROADWAY REPLACEMENT



MILLING AND RESURFACING SECTION

STA. 20+61.75 TO 28+41.66

Anchor CEI Engineering that works.
P. 850.215.1285 • F. 850.215.1286
450 Magnolia Avenue, Panama City, FL 32401
CA Number 31422

Elizabeth S. Moore, PE
FL License No. 57607

No.	Date	Revision

Designed: B. SILCOX
Drawn: B. SILCOX
Checked: E. MOORE
Job No.: 1620-019
Date: 7/7/2023

LAKE DRIVE ROADWAY PLAN

ROADWAY IMPROVEMENTS PHASE 1

CITY OF PARKER - BAY COUNTY - FLORIDA

Sunshine 811
Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
Check positive response codes before you dig!

Sheet No.
C1.1

N

30 0 30 60

Graphic Scale in Feet

LEGEND

PROPOSED MILLED ASPHALT

PROPOSED ASPHALT ROADWAY REPLACEMENT



BEGIN CONSTRUCTION

MATCHLINE STA. 15+00



END CONSTRUCTION

MATCHLINE STA. 15+00

Anchor CEI
Engineering that works.
P. 850.215.1285 • F. 850.215.1286
450 Magnolia Avenue, Panama City, FL 32401
CA Number 31422

Elizabeth S. Moore, PE
FL License No. 57607

No.	Date	Revision
1	07/07/23	ADDENDUM 1

Designed: B. SILCOX
Drawn: B. SILCOX
Checked: E. MOORE
Job No.: 1620-019
Date: 7/7/2023

LANCE DRIVE
ROADWAY PLAN

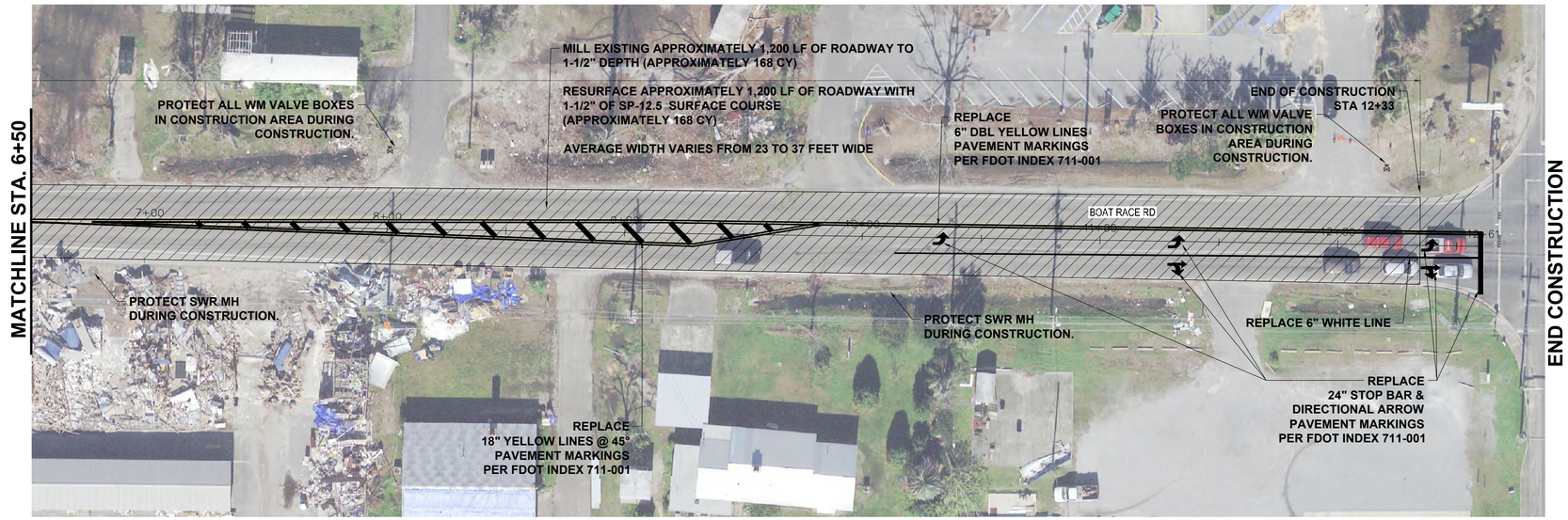
ROADWAY IMPROVEMENTS
PHASE 1

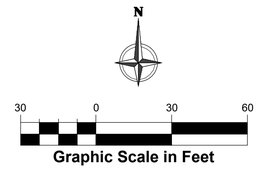
CITY OF PARKER - BAY COUNTY - FLORIDA

Sunshine811
Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
Check positive response codes before you dig!

Sheet No.
C1.2







LEGEND

- PROPOSED MILLED ASPHALT
- PROPOSED ASPHALT ROADWAY REPLACEMENT

Anchor CEI
Engineering that works.
P. 850.215.1285 • F. 850.215.1286
450 Magnolia Avenue, Panama City, FL 32401
CA Number 31422

Elizabeth S. Moore, PE
FL License No. 57607

No.	Date	Revision

Designed:	B. SILCOX
Drawn:	B. SILCOX
Checked:	E. MOORE
Job No.:	1620-019
Date:	7/7/2023

BOAT RACE ROAD
ROADWAY PLAN

ROADWAY IMPROVEMENTS
PHASE 1

CITY OF PARKER - BAY COUNTY - FLORIDA

Sunshine811
Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
Check positive response codes before you dig!

Sheet No.
C1.3



N

30 0 30 60

Graphic Scale in Feet



N

30 0 30 60

Graphic Scale in Feet

LEGEND

- PROPOSED MILLED ASPHALT
- PROPOSED ASPHALT ROADWAY REPLACEMENT

MATCHLINE STA. 6+00

Anchor CEI Engineering that works.
P. 850.215.1285 • F. 850.215.1286
450 Magnolia Avenue, Panama City, FL 32401
CA Number 31422

Elizabeth S. Moore, PE
FL License No. 57607

No.	Date	Revision
1	07/07/23	ADDENDUM 1

Designed: B. SILCOX
Drawn: B. SILCOX
Checked: E. MOORE
Job No.: 1620-019
Date: 7/7/2023

THORTON LANE AND SOULE DRIVE
ROADWAY PLAN

ROADWAY IMPROVEMENTS PHASE 1

CITY OF PARKER - BAY COUNTY - FLORIDA

Sunshine811
Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
Check positive response codes before you dig!

Sheet No.
C1.4

THE FOLLOWING NARRATIVE OF THE STORMWATER POLLUTION PREVENTION PLAN

CONTAINS REFERENCES TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE DESIGN STANDARDS, AND OTHER SHEETS OF PLANS (CALLED THE KEY SHEET) CONTAINS AN INDEX TO THE OTHER SHEETS. PLANS (CALLED THE KEY SHEET) CONTAINS AN INDEX TO THE OTHER SHEETS. THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN INCLUDES SEVERAL ITEMS:

A. THIS NARRATIVE DESCRIPTION
B. THE DOCUMENTS REFERENCED IN THIS NARRATIVE.
C. THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN REQUIRED BY SPECIFICATION SECTION 104.
D. REPORTS OF INSPECTIONS MADE DURING CONSTRUCTION.

1.A SITE DESCRIPTION:

THE PROJECT INCLUDES THE MILLING AND RESURFACING AND/OR RECONSTRUCTION OF PORTIONS OF LAKE DRIVE, LANCE DRIVE, BOAT RACE ROAD, THORNTON LANE AND SOULE DRIVE IN PARKER, FLORIDA.

PROPOSED WORK INCLUDES CLEARING AND GRUBBING, MILLING EXISTING ROADWAY IN PORTIONS, RESURFACING OF ASPHALT PAVEMENT, GRADING AND SHAPING OF SUB-BASE AND BASE MATERIAL, SIGNAGE AND STRIPING.

1.B SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

THE CONTRACTOR SHALL PROVIDE A DETAILED SCHEDULE FOR ALL CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL FOLLOW THE SCHEDULE, UNLESS THE CONTRACTOR PROPOSES A DIFFERENT SCHEDULE THAT IS EQUAL OR BETTER AT CONTROLLING EROSION AND TRAPPING SEDIMENT AND IS APPROVED BY THE ENGINEER.

FOR EACH ROADWAY CONSTRUCTION PHASE, FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

1. CLEARING AND GRUBBING NECESSARY FOR ROADWAY CONSTRUCTION.
2. EARTHWORK ASSOCIATED WITH THE CONSTRUCTION OF ROADWAY

1.C AREA ESTIMATES:

TOTAL SITE AREA: _____ACRES
TOTAL AREA TO BE DISTURBED: ____ ACRES

1.D RUNOFF DATA:

RUNOFF COEFFICIENTS:
BEFORE: ____
DURING: _____
AFTER: _____

1.E OUTFALL INFORMATION:

THERE ARE 4 OUTFALLS:

1. DESCRIPTION: _____
LOCATION: STA XX+XX
DRAINAGE SIZE: ____ ACRES
RECEIVING WATER NAME: N/A

1.F SITE MAP:

THE CONSTRUCTION PLANS ARE BEING USED AS THE SITE MAPS. THE LOCATION OF THE REQUIRED INFORMATION IS DESCRIBED BELOW. THE SHEET NUMBERS FOR THE PLAN SHEETS REFERENCED ARE IDENTIFIED ON THE KEY SHEET OF THESE CONSTRUCTION PLANS.

APPROXIMATE SLOPES: THE SLOPES OF THE SITE CAN BE SEEN IN THE CROSS SECTION SHEETS AND THE PLAN-PROFILE SHEETS.

AREAS OF SOIL DISTURBANCE: THE AREAS TO BE DISTURBED ARE INDICATED ON THE PLAN-PROFILE SHEETS, AND THE CROSS SECTION SHEETS. ANY AREAS WHERE PERMANENT FEATURES ARE SHOWN TO BE CONSTRUCTED ABOVE OR BELOW GROUND WILL BE DISTURBED.

AREAS NOT TO BE DISTURBED: ESSENTIALLY THE WHOLE PROJECT WILL BE DISTURBED DURING CONSTRUCTION.

1.G LOCATIONS OF TEMPORARY CONTROLS:

THESE ARE SHOWN ON THE PLAN SHEETS. TABLES PROVIDING SUMMARIES OF TEMPORARY EROSION AND SEDIMENT CONTROL ITEMS ARE PROVIDED IN THE SUMMARY OF QUANTITY SHEETS.

AREAS TO BE STABILIZED: TEMPORARY STABILIZATION PRACTICES ARE SHOWN IN THE SAME LOCATION AS THE TEMPORARY CONTROLS MENTIONED ABOVE. PERMANENT STABILIZATION IS SHOWN ON THE TYPICAL SECTION SHEETS, AND THE PLAN-PROFILE SHEETS.

1.H RECEIVING WATERS:

SEE ITEM 1.E FOR THE OUTFALL LOCATIONS AND RECEIVING WATER NAMES.

2.0 CONTROLS:

2.A EROSION AND SEDIMENT CONTROLS:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STABILIZATION AND STRUCTURAL PRACTICES BASED ON THE CONTRACTOR'S PROPOSED TEMPORARY TRAFFIC CONTROL (TTC) PLAN. THE FOLLOWING RECOMMENDED GUIDELINES ARE BASED ON THE TEMPORARY TRAFFIC CONTROL PLAN OUTLINED IN THE CONSTRUCTION PLANS. WHERE FOLLOWING THE TEMPORARY TRAFFIC CONTROL PLAN OUTLINED IN THESE CONSTRUCTION PLANS, THE CONTRACTOR MAY CHOOSE TO ACCEPT THE FOLLOWING GUIDELINES OR MODIFY THEM IN THE SEDIMENT AND EROSION CONTROL PLAN, SUBJECT TO APPROVAL BY THE ENGINEER. AS WORK PROGRESSES, THE CONTRACTOR SHALL MODIFY THE PLAN TO ADAPT TO SEASONAL VARIATION, CHANGES IN CONSTRUCTION ACTIVITIES, AND THE NEED FOR BETTER PRACTICES.

FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

2.A.1 STABILIZATION PRACTICES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. THE CONTRACTOR SHALL INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. THE STABILIZATION PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

TEMPORARY:
1. ARTIFICIAL COVERINGS IN ACCORDANCE WITH FDOT STANDARD PLANS SECTION 570-001. ·
2. TURF AND SOD IN ACCORDANCE WITH FDOT STANDARD PLANS SECTION 570-001.

PERMANENT:
1. ASPHALT OR CONCRETE SURFACE.
2. SOD IN ACCORDANCE WITH FDOT STANDARD PLANS SECTION 570-001.

2.A.2 STRUCTURAL PRACTICES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SEDIMENT CONTROLS SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

TEMPORARY:
1. SEDIMENT BARRIERS IN ACCORDANCE WITH THE SEDIMENT AND EROSION CONTROL MANUAL AND SPECIFICATION SECTION 104.
2. INLET PROTECTION IN ACCORDANCE WITH FDOT STANDARD PLANS SECTION 102-100 AND SPECIAL DETAILS SHOWN IN THE TTC PLAN.
3. SEDIMENT CONTAINMENT SYSTEM: THE PERMANENT STORMWATER PONDS WILL BE TEMPORARILY MODIFIED ACCORDING TO THE DETAILS IN THE TTC PLAN.

PERMANENT:
1. SOD

2.B STORMWATER MANAGEMENT:

ALL STORMWATER MANAGEMENT SHALL BE MET IN NEW OR EXISTING ROADSIDE SWALES.

2.C OTHER CONTROLS:

2.C.1 WASTE DISPOSAL:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS, TO WATERS OF THE UNITED STATES. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

- PROVIDING LITTER CONTROL AND COLLECTION WITHIN THE PROJECT DURING CONSTRUCTION ACTIVITIES.
- DISPOSING OF ALL FERTILIZER OR OTHER CHEMICAL CONTAINERS ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.
- DISPOSING OF SOLID MATERIALS INCLUDING BUILDING AND CONSTRUCTION MATERIALS OFF THE PROJECT SITE BUT NOT IN SURFACE WATERS, OR WETLANDS.

2.C.2 OFF-SITE VEHICLE TRACKING & DUST CONTROL:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFFSITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

1. COVERING LOADED HAUL TRUCKS WITH TARPAULINS.
2. REMOVING EXCESS DIRT FROM ROADS DAILY.
3. STABILIZING CONSTRUCTION ENTRANCES.
4. USING ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES SUCH AS EXCAVATION AND MILLING OPERATIONS.

2.C.3 STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC TANK REGULATIONS:

IN THE FDOT SPECIFICATION SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED PROCEDURES TO COMPLY WITH APPLICABLE STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, AND SANITARY SEWER OR SEPTIC SYSTEMS.

2.C.4 FERTILIZERS AND PESTICIDES:

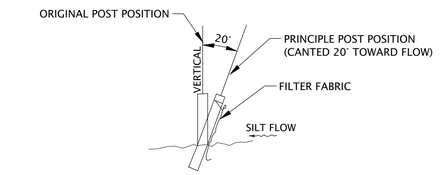
IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROCEDURES FOR APPLYING FERTILIZERS AND PESTICIDES. THE PROPOSED PROCEDURES SHALL COMPLY WITH APPLICABLE SUBSECTIONS OF FDOT STANDARD PLANS SECTION 570-001 OF THE SPECIFICATIONS.

2.C.5 TOXIC SUBSTANCES:

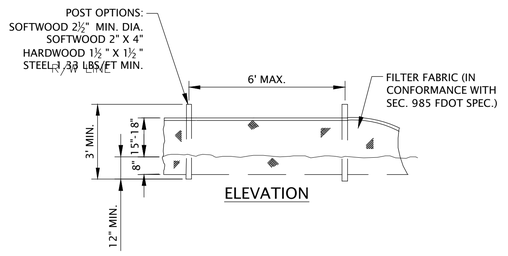
IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTORSHALL PROVIDE A LIST OF TOXIC SUBSTANCES THAT ARE LIKELY TO BEUSED ON THE JOB AND PROVIDE A PLAN ADDRESSING THEGENERATION, APPLICATION, MIGRATION, STORAGE, AND DISPOSAL OF THESE SUBSTANCES.

2.D.4 FEDERAL, STATE, AND LOCAL PLANS AND PERMITS:

FDEP RULE CHAPTER 62-330 F.A.C. NPDES PERMIT

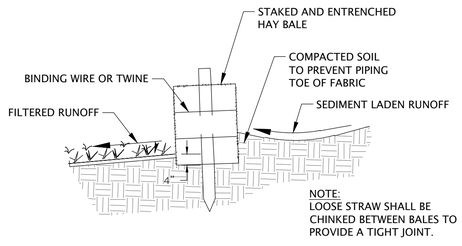


SECTION



ELEVATION

TYPE III SILT FENCE



STAKED
HAY BALE

3.0 MAINTENANCE:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTORSHALL PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENTCONTROLS THROUGHOUT CONSTRUCTION. THE MAINTENANCE PLAN SHALL AT A MINIMUM, COMPLY WITH THE FOLLOWING:

1. SILT FENCE: MAINTAIN PER FDOT STANDARD PLANS. THE CONTRACTOR SHOULD ANTICIPATE REPLACING SILT FENCE ON 12 MONTH INTERVALS OR AS NEEDED.
2. SEDIMENT BARRIERS: REMOVE SEDIMENT AS PER MANUFACTURER'S RECOMMENDATIONS OR WHEN WATER PONDS IN UNACCEPTABLE AMOUNTS OR AREAS.

4.0 INSPECTIONS:

QUALIFIED PERSONNEL SHALL INSPECT THE FOLLOWING ITEMS AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER. TO COMPLY, THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES AND RECORD THE DAILY RAINFALL. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH. THE CONTRACTOR SHALL ALSO INSPECT THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THE LATEST STORMWATER POLLUTION PREVENTION PLAN.

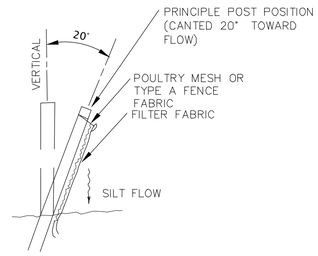
1. POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES.
2. POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM DRAIN SYSTEMS.
3. DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
4. AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
5. STRUCTURAL CONTROLS.
6. STORMWATER MANAGEMENT SYSTEMS.
7. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.

THE CONTRACTOR SHALL INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTIONS THAT INDICATE ITEMS ARE NOT IN GOOD WORKING ORDER.

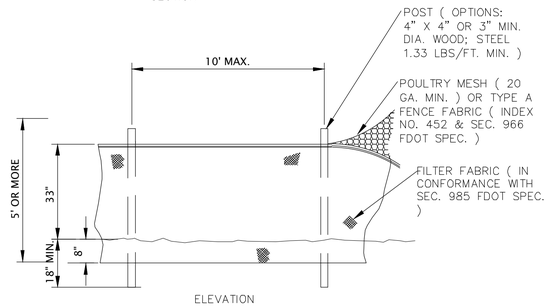
IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, AND PREVENT DISCHARGING POLLUTANTS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES, AS APPROVED BY THE ENGINEER.

5.0 NON-STORMWATER DISCHARGES:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES (EXCEPT FLOWS FROM FIRE FIGHTING ACTIVITIES). THE CONTRACTOR SHALL DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION OF THESE NON-STORMWATER DISCHARGES. IF THE CONTRACTOR ENCOUNTERS CONTAMINATED SOIL OR GROUNDWATER, THE OWNER OR ENGINEER OF RECORD SHALL BE NOTIFIED IMMEDIATELY.



SECTION



ELEVATION

TYPE IV SILT FENCE

Anchor CEI Engineering that works.
P. 850.215.1285 • F. 850.215.1286
450 Magnolia Avenue, Panama City, FL 32401
CA Number 31422

Elizabeth S. Moore, PE
FL License No.: 57607

No.	Date	Revision

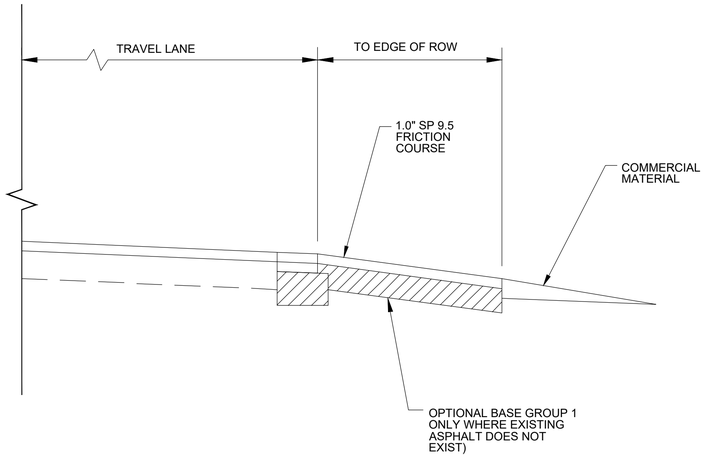
Designed: B. SILCOX
Drawn: B. SILCOX
Checked: E. MOORE
Job No.: 1620-019
Date: 7/7/2023

CONSTRUCTION DETAILS & SECTIONS

ROADWAY IMPROVEMENTS
PHASE 1

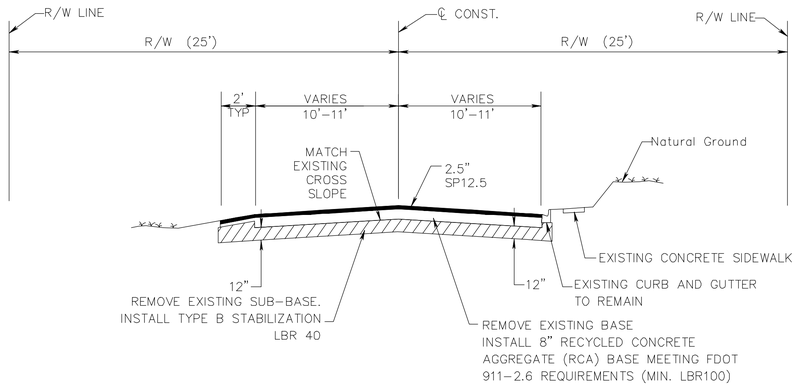
CITY OF PARKER - BAY COUNTY - FLORIDA

Sheet No.
C2.1



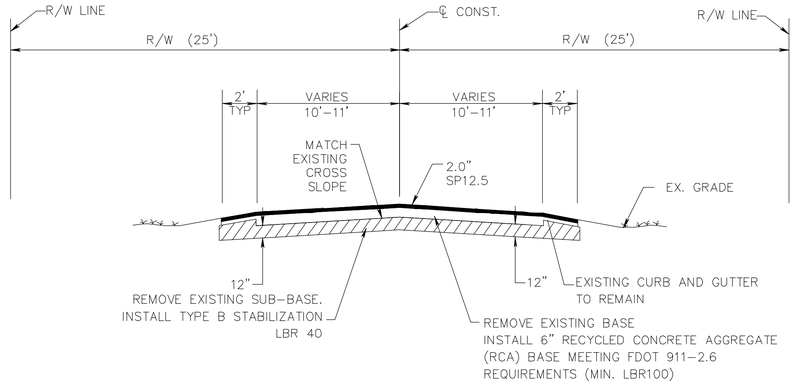
SIDE ROAD TURNOUT DETAIL

SCALE: NOT TO SCALE



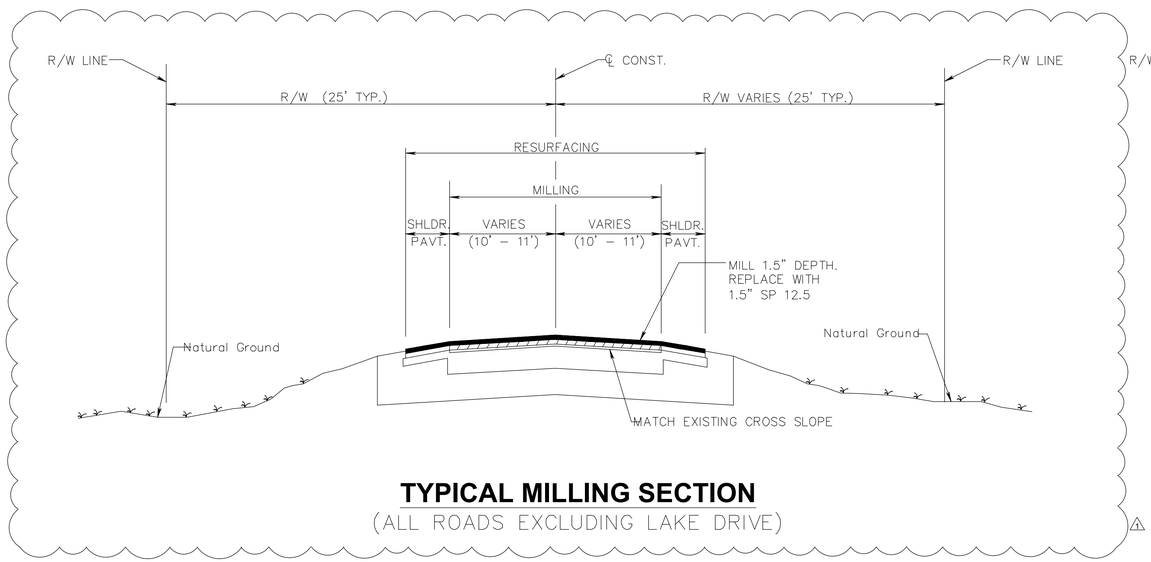
LAKE DRIVE TYPICAL REPLACEMENT SECTION

STA. 16+57.72 TO STA. 20+61.75



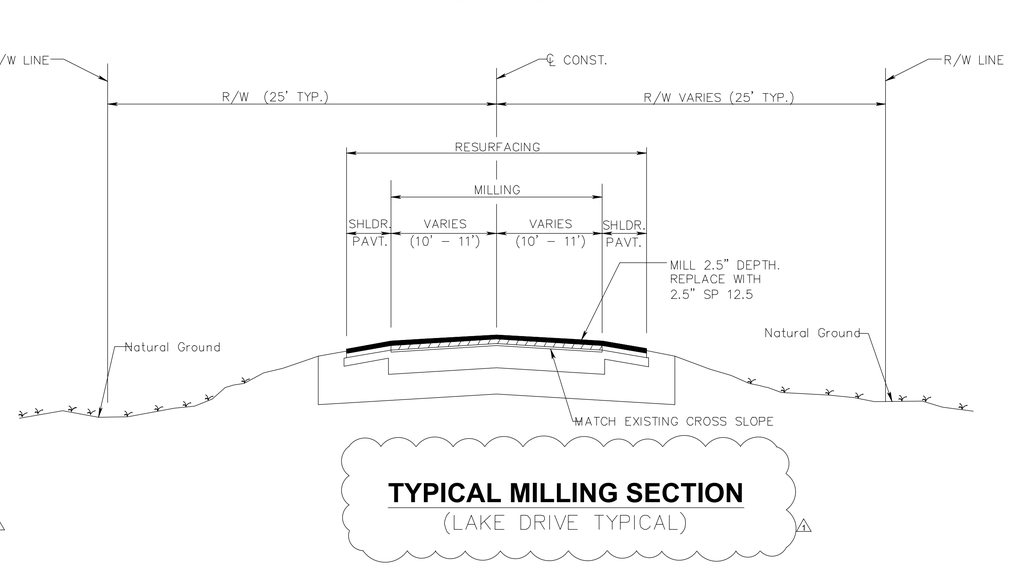
BOAT RACE ROAD TYPICAL REPLACEMENT SECTION (ALT. 1)

STA. 0+37 TO STA. 5+00



TYPICAL MILLING SECTION

(ALL ROADS EXCLUDING LAKE DRIVE)



TYPICAL MILLING SECTION

(LAKE DRIVE TYPICAL)

Anchor CEI Engineering that works.
P. 850.215.1285 • F. 850.215.1286
450 Magnolia Avenue, Panama City, FL 32401
CA Number: 31422

Elizabeth S. Moore, PE
FL License No.: 57607

No.	Date	Revision
1	07/07/23	ADDENDUM 1

Designed: B. SILCOX
Drawn: B. SILCOX
Checked: E. MOORE
Job No.: 1620-019
Date: 7/7/2023

CONSTRUCTION DETAILS & SECTIONS

ROADWAY IMPROVEMENTS PHASE 1

CITY OF PARKER - BAY COUNTY - FLORIDA

Sheet No. C2.2

C:\Users\bsilc\Google Drive Streaming\My Drive\1620 - PARKER\019 - Lake Drive Roadway Improvements\9.0 - CAD WORK\DWG FILES\PLANS\1620-019_Lake_Drive_REV2.dwg, 7/7/2023 5:19:58 PM, Bill Silcox