



Post Office Box 3005
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Jacksonville, Florida 32206-0005
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August 14, 2019

ADDENDUM NO. 01
TO
SPECIFICATIONS AND CONTRACT DOCUMENTS
FOR
TMT – RESURFACE LEASED AREA, CENTER ROAD ASPHALT REPAIRS
JPA CONTRACT NO. MC-1673C

The item(s) of this Addendum shall modify and become a part of the contractual documents for this project as of this date. (Failure to acknowledge this addendum will be grounds for rejection of proposal.)

PHYSICAL CHANGES TO CONTRACT SPECIFICATIONS

Item No. 1

Reference to Bid Form, Page BF-1 – BF-3, **DELETE** Bid Form BF-1 – BF-3 and **REPLACE** with **REVISED** Bid Form BF-1 – BF-3.

Item No. 2

Reference to Scope of Work, **DELETE** Scope of Work in its entirety and **REPLACE** with **REVISED** Scope of Work.

ATTACHMENTS TO CONTRACT SPECIFICATIONS

Attachment No. 1

“REVISED” Bid Form, BF-1 to BF-3

Attachment No. 2

Minutes of the Pre-Bid Conference and Site Visit held on Tuesday, August 6, 2019 at 10:00 AM.

Attachment No. 3

Attendance Record for the Pre-Bid Conference and Site Visit held on Tuesday, August 6, 2019 at 10:00 AM

Attachment No. 4

“REVISED” Scope of Work

Attachment No. 5

“REVISED” Drawings, Sheets 1 & 2

Acknowledgment of the following addenda is hereby made:

Addendum #1, Dated: _____ Initials _____

Company _____

NOTE: THIS ADDENDUM SHALL BE ACKNOWLEDGED ON THE BID FORM, FAILURE TO ACKNOWLEDGE ADDENDUM WILL BE GROUNDS FOR REJECTION OF PROPOSAL.

PLEASE VISIT [HTTP://WWW.JAXPORT.COM/PROCUREMENT/ACTIVE-SOLICITATIONS](http://www.jaxport.com/procurement/active-solicitations) OR CALL THE PROCUREMENT DEPARTMENT AT (904) 357-3017, PRIOR TO THE BID OPENING TO DETERMINE IF ANY ADDENDA HAVE BEEN RELEASED ON THIS CONTRACT.

"REVISED" BID FORM

JAXPORT PROJECT NO.: T2019-02

JAXPORT CONTRACT NO.: MC-1673CTMT - RESURFACE LEASED AREA, CENTER ROAD ASPHALT REPAIRS
TALLEYRAND MARINE TERMINAL**BIDDER'S NAME:** _____

The undersigned hereby proposes to furnish all materials, equipment, labor, and supervision for the above identified project, in accordance with the specifications and drawings for Contract No. MC-1673C, at the following price:

Scope of Work: Furnish all labor, materials, equipment and supervision necessary to Resurface Leased Area, Center Road Asphalt Repairs to include milling, paving, and repair/adjustment of utilities infrastructure (storm catch basins, water valves, and electric, communications and sanitary manholes).

A. BASE BID					
Item Number	Description	Total Item Amount			
1	Mobilization / Demobilization	\$			
2	General Requirements\Erosion Control\Miscellaneous	\$			
3	MOT	\$			
		\$			
A. SUM OF ALL BASE BID WORK (ITEMS 1 - 3)		\$			
B. ITEMIZED UNIT PRICE WORK (NOT INCLUDED IN BASE BID WORK); TO BE PAID BASED ON ACTUAL QUANTITIES INSTALLED					
Item Number	Description	Estimated Quantity	Unit	Unit Price	Total Item Amount
4	MILLING (2 INCH)	2297	SY	\$	\$
5	ASPHALT OVERLAY (2")	415	SY	\$	\$
6	ASPHALT OVERLAY (3")	1900	SY	\$	\$
7	Water Valves Raise	9	EA	\$	\$
8	Water Valve Concrete Base Repair/Removal	6	EA	\$	\$
9	Asphalt Leveling	50	TN	\$	\$
B. SUM OF ALL ITEMIZED UNIT PRICE WORK (ITEMS 4 - 9)		\$			
BID SUMMARY					
C. SUM OF ALL BASE BID WORK (LINE A):				\$	
D. SUM OF ALL ITEMIZED UNIT PRICE WORK (LINE B):				\$	
E. TOTAL BID AMOUNT (LINES C + D) Items 1 - 9:				\$	

(Submission of more than one bid form for the same work by an individual, firm, partnership or corporation under the same or different names and/or any alterations, exceptions or comments contained within the bid form shall be grounds for rejection of the bid).

"REVISED" BID FORM

JAXPORT PROJECT NO.: T2019-02

JAXPORT CONTRACT NO.: MC-1673C

**TMT - RESURFACE LEASED AREA, CENTER ROAD ASPHALT REPAIRS
TALLEYRAND MARINE TERMINAL**

Basis of Award: The Authority reserves the right to award this contract to the lowest conforming responsive bidder, based on the **Total of Base Bid Amount and Itemized Unit Priced (Items 1 – 9)**, subject to the availability of appropriated funds.

The Authority reserves the right to award this contract to the lowest, responsive, responsible bidder, and whose bid is fully conforming to the requirements of the bid documents. Nevertheless, JAXPORT reserves the right to waive informalities in any bid, to reject any or all bids, and to accept the bid which in its judgment will be in the best interest of JAXPORT. JAXPORT will be the sole judge of which proposal will be in its best interest and its decision will be final.

JAXPORT reserves the right to award this contract to the bidder offering the lowest price consistent with meeting all specifications, terms, conditions, delivery requirements set forth on this bid. No award will be made until all necessary inquiries have been made into the responsibility of the lowest conforming bidder and JAXPORT is satisfied that the lowest bidder met all the requirements, is qualified and has the necessary organization, capital and resources required to perform the work under the terms and conditions of the contract. JAXPORT reserves the right to accept or reject any or all proposals, in whole or in part.

The required bid guaranty is attached hereto (see "Supplemental Instructions to Bidders") of the contract documents.

Acknowledgment of the following addenda is hereby made (see "Supplemental Instructions to Bidders"):

Addendum No. 1, Dated: _____ Initials: _____

Addendum No. 2, Dated: _____ Initials: _____

Addendum No. 3, Dated: _____ Initials: _____

Addendum No. 4, Dated: _____ Initials: _____

See also "Bid Contents and Format" section of the "Supplemental Instructions to Bidders".

"REVISED" BID FORM

JAXPORT PROJECT NO.: T2019-02

JAXPORT CONTRACT NO.: MC-1673C

TMT - RESURFACE LEASED AREA, CENTER ROAD ASPHALT REPAIRS
TALLEYRAND MARINE TERMINAL

Name of Contractor

AUTHENTICATION (see "Supplemental Instructions to Bidders")

Firm

Business Address

City

State

Zip Code

Mailing Address, if different from above

Authorized Signature

Date Executed

Typed Name

Title

E-Mail Address

Telephone Number

Facsimile Number

Company Federal Tax I.D. No.

Company's Business License No.

MEETING MINUTES

Date: Tuesday, August 6, 2019

Time: at 10:00 AM

Pre-Bid Meeting: MC-1673C TMT - Resurface Leased Area, Center Road Asphalt Repairs

Sign In: In order to validate your company's attendance please sign the sign-in sheet. This is a non-mandatory meeting bidders who wish to submit a proposal are **encouraged** to attend. The list of attendees to this meeting will be posted to Jaxport's website www.jaxport.com/procurement/active-solicitations.

JAXPORT STAFF IN ATTENDANCE:

Sandra Platt – Sr. Contract Specialist

Jose Vazquez – Project Manager

Marvin Grieve – Director, Project Management

Brian Williams – Coordinator, SEB Programs

This project JSBE Participation Goal is ENCOURAGED

Key Dates:

- **Questions:** Any questions after the meeting and site visit must be e-mailed to my attention at Sandra.platt@jaxport.com. Please do not send questions to anyone else. The deadline to submit questions by e-mail is: **Friday, August 9, 2019 at 3:00PM (EST)**. After that time no questions will be answered concerning this project.
- ✓ **Bids Due: Wednesday, August 21, 2019, at 2:00PM.** Your submission package must be received by 2:00 p.m. in the Port Central Office Building, located at 2831 Talleyrand Avenue, Jacksonville, FL 32206. You can drop off your package at the security desk. The security guard will log in your package with date and time and forward to the Procurement department. No exceptions due to traffic or weather conditions. Anything received after 2pm is considered non-conforming and will be returned to sender. Please submit one original and one copy of all forms with ink signatures, no copy color signatures please. Clearly label your original and copies. Please clearly label your package with company name on the outside of the package, Contract Number in a sealed envelope. **We do not need any fancy binders or staples, paperclips are best since the packets have to be broken down and scanned.**
- ✓ If you have not submitted a bid with JAXPORT before, Please reference Page No. BCF-1 and BCF-2, this is an outline of the required documents that should be in your bid proposal. Please make sure if forms require a notary that the form is notarized prior to submission.
- ✓ Project is funded by JPA & State Grant
- ✓ Security (TWIC required)
- ✓ Special conditions

- ✓ Time for Completion: 60 calendar days from date of NTP.
- ✓ Liquidated Damages – \$964.00 per calendar day
- ✓ One year warranty from date of substantial completion

Term of Contract: The Contractor shall totally and finally complete all work not later than SIXTY (60) calendar days after receipt of Notice to Proceed.

Bid Security: Bid bond, certified check or cashier's check for 5 percent of the amount of the bid (See Article 6 in Supplemental Instructions to Bidders). **Remember to sign, attest and fully execute Bid Bonds.**

Basis of Award: The Authority reserves the right to award this contract to the lowest conforming responsive bidder, based on the Total of Base Bid Amount and Itemized Unit Priced (Items 1 – 12), subject to the availability of appropriated funds.

Note: These minutes shall become a part of the bid documents and contract agreement. Any corrections, additions or errors will be brought to the attention of the Project Manager within 5 days after receipt of the minutes. It shall be the responsibility of the contractor submitting a proposal for this contract to ensure that all Subcontractors, Suppliers, and services that are incorporated into his proposal have received benefit of the minutes and any addenda that may be issued.

No additional questions.

Meeting adjourned.

Note: It is the established policy of the Jacksonville Port Authority that attendance to the Pre-Bid Meeting is Encouraged for all who intend to bid this project as the Prime Bidder. Please sign this sign-in sheet during the meeting as a record of your attendance.

ATTENDANCE RECORD

PRE-BID MEETING & SITE VISIT

TMT – Resurface Leased Area, Center Road Asphalt Repairs
Contract No. MC-1673C

Date: August 6, 2019 at 10:00 AM

Representative Name	Company	Phone	Email	Site Visit (leave blank)
DAVID HINSON	J.D. HINSON COMPANY	(904) 334-0064 ()	DAVID @JDHINSON.COM	✓
Travis Strahan	Preferred Materials	(904) 288-6300 ()	travis.strahan @preferredmaterials.com	✓
Chris Wright	Duval Asphalt Products, Inc.	(904) 424-2644 ()	cwright @duvalasphalt.com	✓
Brian Williams	Jaxport	() 357-3003 ()	brian.williams @jaxport.com	✓
Sandra Platt	JAXPORT	() (904) 357-3017	Sandra.platt @jaxport.com	✓

Representative Name	Company	Phone	Email	Site Visit (leave blank)
BARRY NELSON	JAXPORT	(904) 738 6384 () _____	Barry.Nelson @ Jaxport.com	✓
Jose Vazquez	Jaxport	(904) 357 - 3055 () _____	jose.vazquez @jaxport.com	✓
MARV GRIEVE	JAXPORT	(904) 357 - 3064 () _____	Marvin.grieve @jaxport.com	✓
		() _____ () _____	@ _____	
		() _____ () _____	@ _____	
		() _____ () _____	@ _____	
		() _____ () _____	@ _____	
		() _____ () _____	@ _____	

Attachment No. 4

“REVISED” SCOPE OF WORK

Summary of Work/General Notes and Technical Specifications:

1. Summary of Work

Project work shall be inclusive of yet not limited to all labor, materials and incidentals necessary for asphalt repair jobs at TMT Center Road. Included in this project are the following activities: milling, asphalt leveling, asphalt overlay, and repair/adjustment of utilities infrastructure (water valves). Jaxport’s Project Number T2019-02; Jaxport’s Contract No: MC-1673C: TMT Center Road Asphalt Repairs.

Total bid amount work for this contract shall be comprised of two parts: Base Bid and Unit Rate over estimated quantities. Work shall be inclusive of yet not limited to all labor, equipment, materials, testing, incidentals and coincidental task work as necessary for completion of the resurfacing project.

Asphalt milling shall be to project specifications with all applicable asphalt embeds properly milled about and adjusted/replaced (if necessary) to properly re-establish and correct the ride-ability of the existing roadway to finish line and grade. Work shall include furnish and install of asphalt overlay comprised of an FDOT approved SP 12.5 flexible asphalt pavement mix. Final asphalt surface shall match elevation of utilities embeds. It is anticipated that the height of nine (9) water valves will need to be adjusted. Milling and asphalt overlay shall be extended at least to the width of the roadway, which is approximately 48’.

Milling and asphalt placement shall be coordinated and conducted to maintain Jaxport and Jaxport’s tenant’s operations at all times. Asphalt placements and cure times are to be provided for with scheduled work and shall be coordinated in consideration to the Ports Operation schedule.

All work shall be conducted and installed in accordance to the latest edition of the FDOT Standard Specifications for Road and Bridge Construction.

Work shall be inclusive of yet not limited to meeting all TWIC Security requirements of the contract and providing all MOT necessary to maintain Jaxport and Jaxport’s tenant’s

operations at all times and the proper disposal of all millings, trash, debris and deleterious materials as generated and/or related to the project.

The completion time for this project shall be 60 calendar days from the day that an official Notice to Proceed is issued.

2. Work Hours

The work hours defined for the project shall be confined to the off hours of the standard Port Operations work week. Approved hours for project work shall be Monday through Friday and weekends with work hours commencing at 1800 and ending at 0500 of the following day unless otherwise directed by the Port Operations Manager. Strict coordination with the TMT Operations Manager is required.

3. Summary of Areas to be repaired:

- A. **Area 1:** Area 1 is approximately 415 SY (78' long x 48' width), and is on the roadway. Milling and asphalt overlay shall be extended at least to the width of the roadway. The Contractor shall mill an average of 2", including area around Electrical Manhole # 2 (see drawings). The new final asphalt layer to be installed is estimated to range between 2" and 3" of thickness to achieve an acceptable sloped surface that will allow run-off water from this area to be directed toward Catch Basin 1 (see drawings). Additional asphalt placement for leveling is anticipated. Final asphalt surface shall be placed in such a way that true positive drainage is achieved. No water ponding is acceptable. This area includes milling and paving around Electrical Manhole # 2 (see drawings). Final asphalt surface shall match elevation of utilities embeds.
- B. **Area 2:** Area 2 is approximately 155 SY (100' long x 14' width), and is out of the roadway, but adjacent to it. The Contractor shall mill an average of 2". The new final asphalt layer to be installed is estimated to range between 2" and 3" of thickness to achieve an acceptable sloped surface that will allow run-off water from this area to be directed toward Catch Basin 4 (see drawings). Final asphalt surface shall be placed in such a way that true positive drainage is achieved. No water ponding is acceptable.
- C. **Area 3:** Area 3 is approximately 75 SY (30' long x 22' width), and is on the roadway, around several water valve jackets. The Contractor shall mill an average of 2" around Water Valves # 3 (see drawings). The Contractor shall remove concrete around water valves jackets and substitute it by asphalt. The new final asphalt layer to be installed is estimated to be 3" of thickness to achieve an acceptable sloped

surface that will allow run-off water from this area to be directed toward Catch Basin 5 (see drawings). Additional asphalt placement for leveling is anticipated. Final asphalt surface shall be placed in such a way that true positive drainage is achieved. No water ponding is acceptable. This area includes milling and paving around Water Valves # 3 (see drawings) which shall be repaired and adjusted (raised) to match final asphalt surface elevation.

- D. **Area 4:** Area 4 is approximately 820 SY (150' long x 48' width), and is on the roadway. Milling and asphalt overlay shall be extended at least to the width of the roadway. The Contractor shall mill an average of 2". The new final asphalt layer to be installed is estimated to be 3" thickness on average to achieve an acceptable sloped surface that will allow run-off water from this area to be directed toward Catch Basins 5 and 6 (see drawings). Additional asphalt placement for leveling is anticipated. Final asphalt surface shall be placed in such a way that true positive drainage is achieved. No water ponding is acceptable. This area includes milling and paving around Sanitary Manhole # 1, Water Valves # 4, and Catch Basins 5 and 6 (see drawings). Final asphalt surface shall match elevation of utilities embeds.
- E. **Area 5:** Area 5 is approximately 850 SY (160' long x 48' width), and is on the roadway. Milling and asphalt overlay shall be extended at least to the width of the roadway. The Contractor shall mill an average of 2". The new final asphalt layer to be installed is estimated to range between 3" and 4" thickness to achieve an acceptable sloped surface that will allow run-off water from this area to be directed toward Catch Basins 7, 8, and 8A (see drawings). Additional asphalt placement for leveling is anticipated. Final asphalt surface shall be placed in such a way that true positive drainage is achieved. No water ponding is acceptable. This area includes milling and paving around Water Valves # 5 and Catch Basins 7 and 8 (see drawings). Final asphalt surface shall match elevation of utilities embeds.

TMT CENTER ROAD ASPHALT REPAIRS					
Repair Area	Mill	Pave	Excavate	Backfill	Specs/Quantities/Comments
4	Yes	Yes	No	No	Mill 2" (820 SY); Pave +/- 3" (820 SY); slope to direct run-off to CB's 5 and 6
5	Yes	Yes	No	No	Mill 2" (850 SY); Pave +/- 4" (850 SY); slope to direct run-off to CB's 7 and 8
3	Yes	Yes	No	No	Mill 2" (57 SY); Pave 3" (75 SY); slope to direct run-off to CB 5
1	Yes	Yes	No	No	Mill 2" (415 SY); Pave +/- 2" (415 SY); slope to direct run-off to CB 1
2	Yes	Yes	No	No	Mill 2" (155 SY); Pave +/- 3" (155 SY); slope to direct run-off to CB 4
Electrical MH	Mill around	Pave around	Repair	Raise	Specs/Comments
2	Yes	Yes	No	No	Mill/Pave around with Repair Area 1.
Water Valves	Mill around	Pave around	Repair	Raise	Specs/Comments
3	Yes	Yes	Yes	Yes	Mill/Pave with Repair Area 3; Repair (remove concrete) around water valves; Raise to new asphalt level
4	Yes	Yes	Yes	Yes	Mill/Pave with Repair Area 4; Repair (remove concrete) around water valves; Raise to new asphalt level
5	Yes	Yes	No	Yes	Mill/Pave with Repair Area 5; Raise to new asphalt level
Sanitary Sewer	Mill around	Pave around	Repair	Raise	Specs/Comments
1	Yes	Yes	No	No	Mill/Pave around with Repair Area 4

4. MOT

- A. Prior to mobilization, Contractor shall prepare and deliver to the Owner for their approval a MOT plan that clearly depicts all items necessary for work sequence and phasing. It is a paramount requirement that Operations be safely maintained throughout the entirety of the project work.
- B. Contractor shall incorporate signage/cones and/or barricades in an effort to direct and maintain any and all on-going operations traffic. Should necessity arise, site is to be left in an operational condition that will not impede or cause damage to Owner and/or Tenant operations.
- C. Contractor shall take due care to protect and prevent damage to any and all JAXPORT and/or tenant adjacent property. This project is located adjacent to Container transport, vehicle off-loading and staging operations. Contractor shall take due care to manage and prevent any and all detrimental effect(s) that may result from application of tack coat overspray and/or dust control during the construction effort.

5. Milling

- A. Contractor shall conduct milling of existing asphalt pavement in agreement to latest edition of the FDOT Standard Specifications for Road and Bridge Construction, Section 327. Contractor shall mill existing asphalt pavement as depicted on contract drawings and as defined within the contract documents and as necessary to improve the rideability, drainage and cross slope of the finished pavement. Contractor shall mill to the depths specified in this Scope of Work.
- B. Milling conducted adjacent to drainage structures and at edges of meet and match of existing pavement cross slope will be adjusted as necessary to meet the actual site conditions.
- C. Contractor shall provide a milled surface with a reasonably uniform texture, within $\frac{1}{4}$ inch of a true profile grade, and with no deviation in excess of $\frac{1}{4}$ inch from a straight edge applied to the pavement in a manner perpendicular to direction of respective slope.
- D. Ensure that the variation of the longitudinal joint between multiple cut areas does not exceed $\frac{1}{4}$ inch.
- E. Discrete milling about embeds shall be conducted with a milling head and machine intended for this specific use.

- F. Contractor shall maintain proper housekeeping with dust control methods during all milling and paving operations. Contractor shall properly collect/stage and dispose of milled material and all associated debris on a daily basis. Space is limited within the project area and all debris and deleterious materials shall be transported off-site on a daily basis. Owner shall retain a first right of refusal over an unspecified quantity of the millings material to be transported and offloaded to a staging location determined and in coordination with the BIMT Operations Manager.

6. Prime Coats

- A. Asphalt primer shall be applied to compacted base material, prior to application of the asphalt concrete base course.
- B. Surface of the base material shall be clean, dry, and free from frost; and, shall be maintained in that condition during the application of prime coat.
- C. Apply primer in accordance Section 300, and Section 330 of the FDOT Standard Specifications for Road and Bridge Construction, Latest Edition.
- D. Use clean sand to blot excess primer.

7. Tack Coats

- A. Contractor shall use PG 52-28 tack coat meeting the requirements of 916-2, and FDOT Standard Specifications for Road and Bridge Construction, Section 300, heated to a temperature of 250 to 300°F or undiluted Emulsified Asphalt Grades RS-1h, RS-2, CRS-1h, or NTSS-1hm meeting the requirements of 916-3, heated to a temperature of 150 to 180°F, or as recommended by the tack coat manufacturer. For night paving, use PG 52-28 tack coat.
- B. Milled and repaired areas subject to asphalt overlay shall be broom swept clean to be free of any dirt, dust or debris prior to the application of the Tack Coat.
- C. Tack Coat shall be applied through pressure application in a continuous uniform thin layer.
- E. Tack coat to be applied in advance of the laying of bituminous mix to permit drying, tack coat to retain its adhesive properties and be free of dust and debris or other foreign material. Keep placed tack coat free and clean prior to placement of asphalt mix.

8. Asphalt Overlay

A. Asphalt shall be an FDOT approved Type SP-12.5 mix design and conform to the FDOT Standard Specifications for Road and Bridge Construction, latest edition; Sections 330 & 334 and be suitable for use for Traffic Level C service.

1. Surface Conditions

- a. Examine the areas and conditions under which work of this Section will be performed.
- b. Correct all conditions detrimental to timely and proper completion of the work. Do not proceed until all unsatisfactory conditions are corrected. Verify surface is clean and dry with proper tack coat applied and ready to receive overlay asphalt.

2. Tack Coat

- a. Apply tack coat in accordance to the FDOT Standard Specifications for Road and Bridge Construction, latest edition; Section 300.
- b. Contractor shall plan work such that no more tack coat is placed than is necessary for the day's operation is placed on the surface. All traffic not essential to the Work shall be kept off the tack coat.

B. Placing and Compacting Asphalt Pavement

1. Install asphalt concrete paving in accordance to FDOT Standard Specifications for Road and Bridge Construction; Section 330.
2. Pavement course shall be placed to the allowable thickness identified in the FDOT Standard Specifications for Road and Bridge Construction; Section 334.
3. Compact pavement by rolling to specified density. Do not displace or extrude pavement from position. Hand compact in areas inaccessible to rolling equipment.
4. Perform rolling with consecutive passes to achieve even and smooth finish without roller marks.

5. Top elevation of nine (9) water valves shall be adjusted to the final asphalt surface level.
6. Final asphalt surfaces shall be sloped as specified in the drawings to ensure run-off water is directed to the storm drainage system, and no water ponding occurs in the areas to be repaired.
7. Final asphalt surface shall match elevation of utilities embeds.

C. Testing

1. Contractor shall provide an independent testing firm to pull samples and perform tests in accordance with Section 334 of the FDOT Standard Specifications for Road and Bridge Construction.
 2. Pavement determined not acceptable shall be removed and replaced at no expense to the Owner.
9. Utilities repairs and adjustments – repair/adjustment works shall meet all applicable codes, standards, regulations, and publications, including but not limited to FDOT standards, JEA regulations, and applicable electrical codes.
- A. Water valves – The Contractor shall raise the elevation of those water valves specified in this Scope of Work and/or project drawings. The Contractor shall repair existing concrete around water valves, or substitute it for asphalt concrete, as specified in this Specifications set. Final water valve elevations shall match surface asphalt elevation around them.

10. Submittals

- A. MOT Plan
- B. Work Plan (Milling & Asphalt placement)
- C. Asphalt Mix Design/Tack coat
- D. Completed Testing Packet (FDOT approved Type SP-I2.5 Mix design, theoretical densities, truck asphalt temperatures)

ATTACHMENT NO. 5

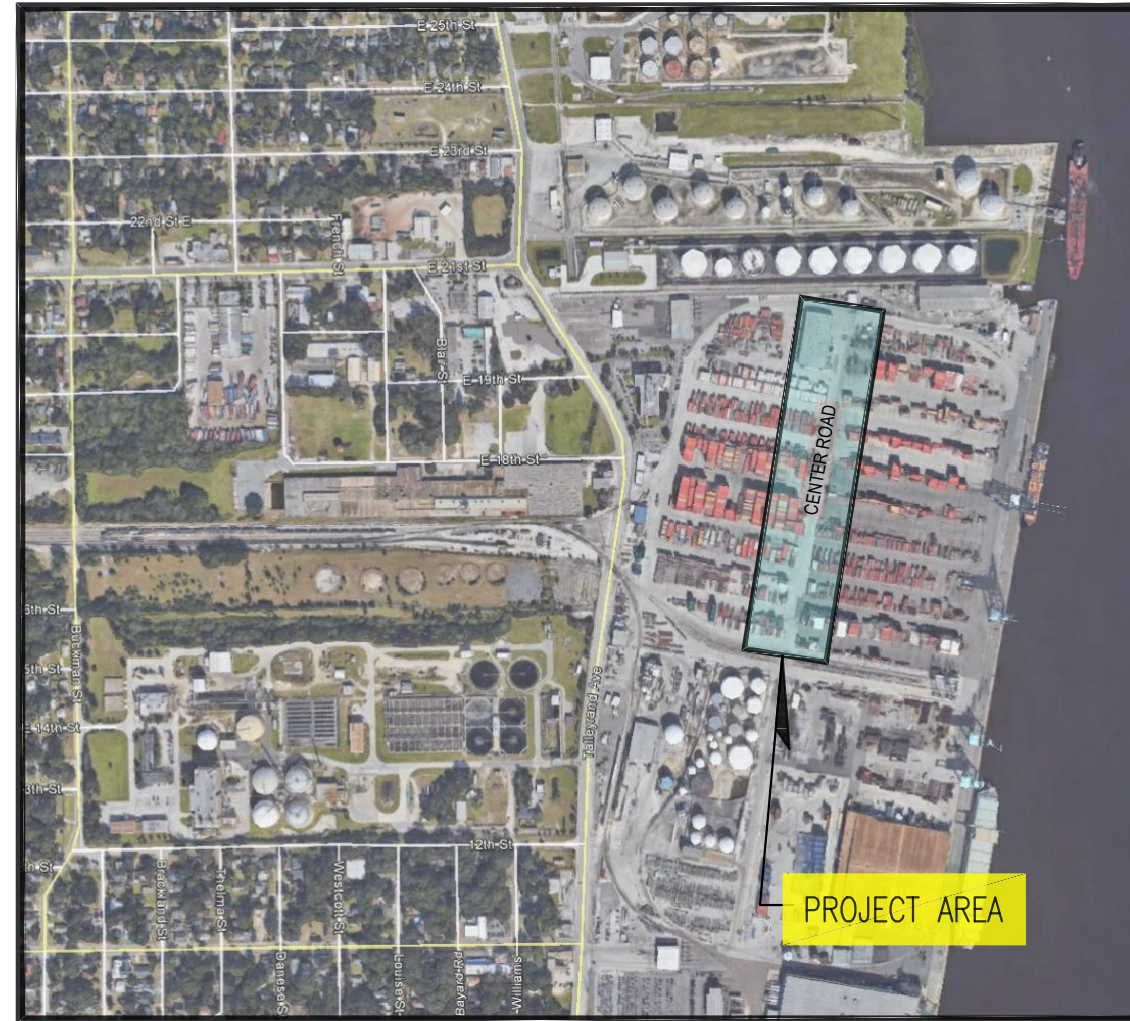
TMT CENTER ROAD ASPHALT REPAIRS					
Repair Area	Mill	Pave	Excavate	Backfill	Specs/Quantities/Comments
4	Yes	Yes	No	No	Mill 2" (820 SY); Pave +/- 3" (820 SY); slope to direct run-off to CB's 5 and 6
5	Yes	Yes	No	No	Mill 2" (850 SY); Pave +/- 4" (850 SY); slope to direct run-off to CB's 7 and 8
3	Yes	Yes	No	No	Mill 2" (57 SY); Pave 3" (75 SY); slope to direct run-off to CB 5
1	Yes	Yes	No	No	Mill 2" (415 SY); Pave +/- 2" (415 SY); slope to direct run-off to CB 1
2	Yes	Yes	No	No	Mill 2" (155 SY); Pave +/- 3" (155 SY); slope to direct run-off to CB 4

Electrical MH	Mill around	Pave around	Repair	Raise	Specs/Comments
2	Yes	Yes	No	No	Mill/Pave around with Repair Area 1.

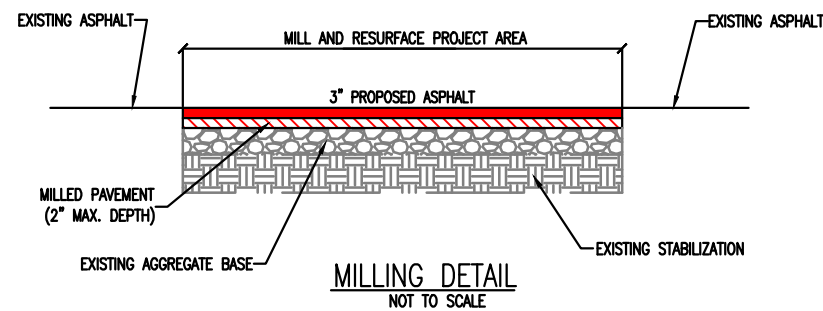
Water Valves	Mill around	Pave around	Repair	Raise	Specs/Comments
3	Yes	Yes	Yes	Yes	Mill/Pave with Repair Area 3; Repair around water valves; Raise to new asphalt level
4	Yes	Yes	Yes	Yes	Mill/Pave with Repair Area 4; Repair around water valves; Raise to new asphalt level
5	Yes	Yes	No	Yes	Mill/Pave with Repair Area 5; Raise to new asphalt level

Sanitary Sewer	Mill around	Pave around	Repair	Raise	Specs/Comments
1	Yes	Yes	No	No	Mill/Pave around with Repair Area 4

SUMMARY OF REPAIRS



SITE VICINITY MAP



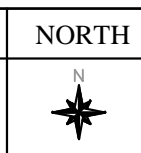
QUANTITIES PHASE 1		
DISCRIPTION	QUANTITY	UNITS
MILLING (2 INCH)	2297.0	SY
ASPHALT OVERLAY (2")	415.0	SY
ASPHALT OVERLAY (3")	1900.0	SY
WATER VALVE RISE	9	EA
WATER VALVE CONCRETE BASE REPAIR/REMOVAL	6	EA
ASPHALT LEVELING	50	TN

H:\Mar_eng\Projects in Development\02-TMT\TMT Center Road Repairs T2019-02 MC-1673C\TMT Center Road Repair T2019-02 MC-1673C_rev1.dwg, Aug 14, 2019 - 8:57:30AM, tneu



REVISION			
BY			
DATE			
Drawn By: T. NEU			
PM: J. VAZQUEZ			

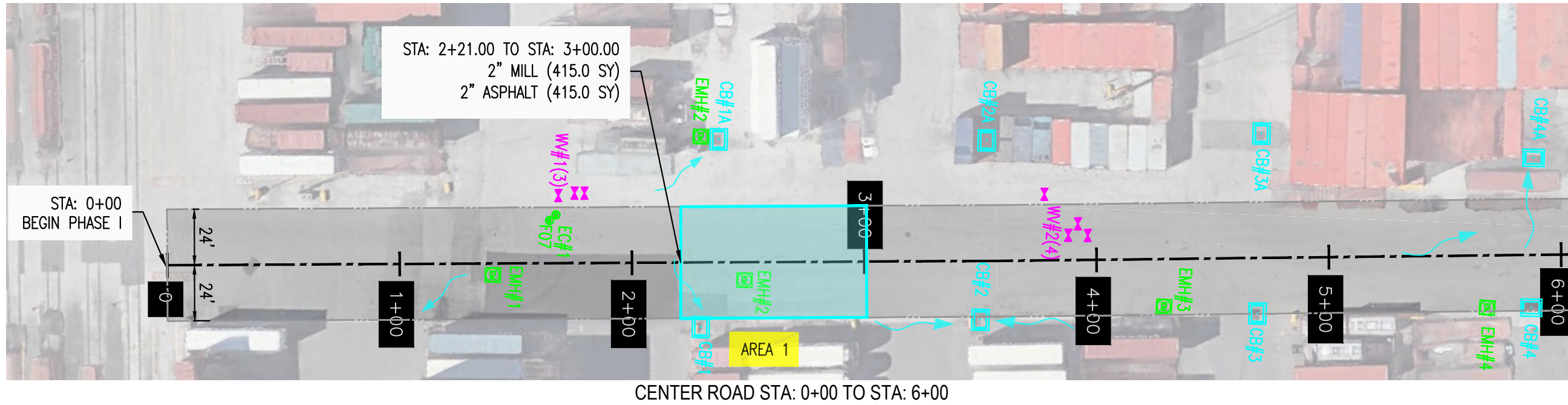
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NTS	NTS



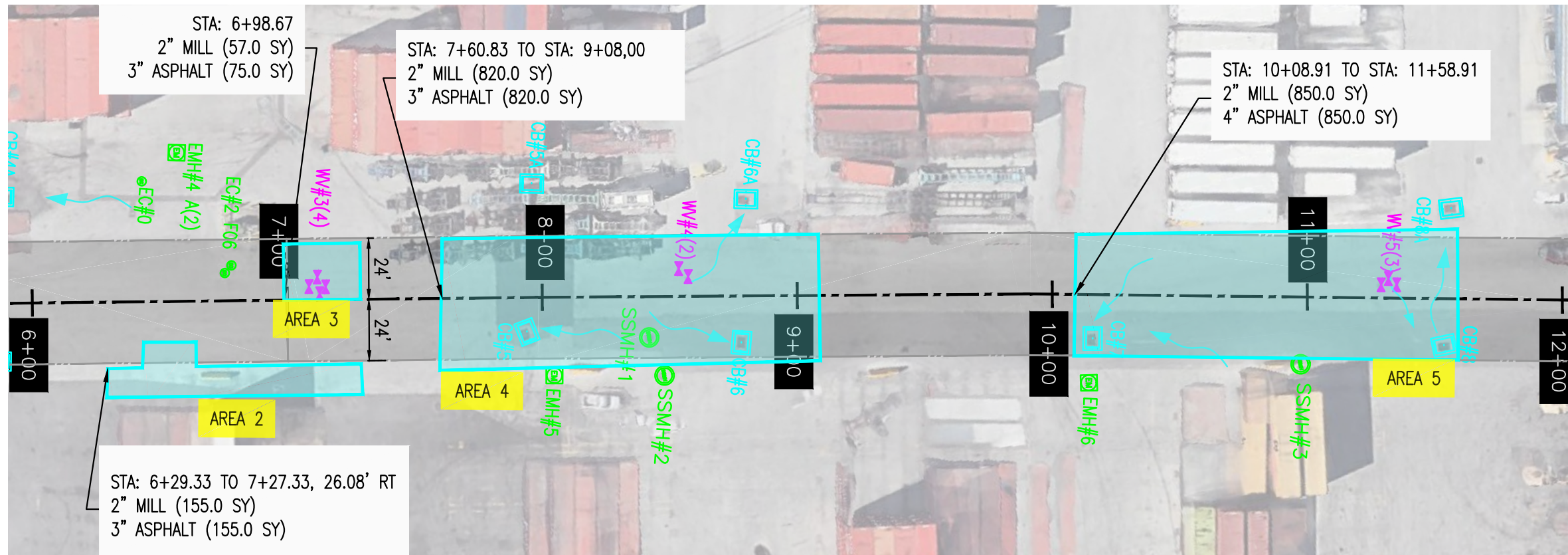
PROJECT DESCRIPTION
TALLEYRAND MARINE TERMINAL CENTER ROAD - PHASE I - 2" MILL & 3" ASPHALT PAVING DETAILS

SHEET	1 OF 2
DATE	8/14/2019
PROJECT No.	T2019-02
CONTRACT No.	MC-1673C

ATTACHMENT NO. 5



CENTER ROAD STA: 0+00 TO STA: 6+00



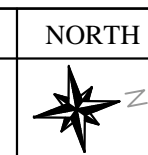
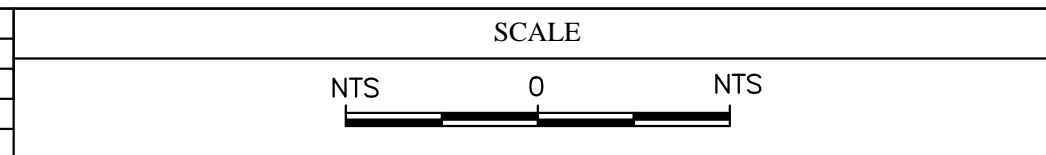
CENTER ROAD STA: 6+00 TO STA: 12+00

LEGEND	
	WATER VALVE
	EXISTING ELECTRICAL MANHOLE
	SANITARY SEWER MANHOLE
	ELECTRICAL COMMUNICATION
	CONCRETE CURB INLET

H:\Mar_eng\Projects in Development\02-TMT\TMT Center Road Repairs T2019-02 MC-1673C\TMT Center Road Repair T2019-02 MC-1673C_rev1.dwg, Aug 14, 2019 - 8:36:36AM, tneu



REVISION		
BY		
DATE		
Drawn By: T. NEU		
PM: J. VAZQUEZ		



PROJECT DESCRIPTION	SHEET	2 OF 2
TALLEYRAND MARINE TERMINAL	DATE	8/14/2019
PHASE I - 2" MILL & 3" ASPHALT PAVING	PROJECT No.	T2019-02
STA: 0+00 TO STA: 12+00	CONTRACT No.	MC-1673C

SHEET	2 OF 2
DATE	8/14/2019
PROJECT No.	T2019-02
CONTRACT No.	MC-1673C