

PROJECT MANUAL
FOR
**RAIL REHABILITATION
ADVANCED MATERIAL ORDER
RAIL, TIES AND ACCESSORIES**
FOR
**PORT OF PALM BEACH DISTRICT
RIVIERA BEACH**



Prepared by:

Kimley-Horn and Associates, Inc.
1920 Wekiva Way, Suite 200
West Palm Beach, FL 33411

BID SET

OCTOBER 3, 2021

Project No. 140678002

TABLE OF CONTENTS

BIDDING REQUIREMENTS, CONTRACT, FORMS, AND CONDITIONS OF THE
CONTRACT

Invitation to Bid
Bid Form – Lump Sum
Consumer’s Certificate of Exemption

TECHNICAL SPECIFICATIONS

MATERIAL SPECIFICATIONS

GRAPHICS

EXHIBIT OPTION 12 –RAIL LAYOUT (FOR REFERENCE ONLY)
EXHIBIT OPTION 9 –RAIL LAYOUT (FOR REFERENCE ONLY)

INVITATION TO BID

**RAIL REHABILITATION
ADVANCED MATERIAL ORDER – RAIL, TIES AND ACCESSORIES
PORT OF PALM BEACH DISTRICT
RIVIERA BEACH, FLORIDA**

1. Sealed bids for RAIL REHABILITATION ADVANCED MATERIAL ORDER – RAIL, TIES AND ACCESSORIES at the Port of Palm Beach will be received by the Owner, PORT OF PALM BEACH DISTRICT, until 12:00 p.m., local time on Tuesday, November 2, 2021 at One East 11th Street, Riviera Beach, Florida 33404, 6th Floor Conference Room. Bids received after this time will be returned unopened. As applicable, the Purchasing Department is no longer holding public/bid openings due to the provisions of Section 119.071 (1) (b) F.S., the Florida Public Records Law. Therefore, the Port is not required to provide information until the earlier of the Port providing notice of an intended decision, or until thirty (30) days after opening the bids. Further, if the intended decision is to reissue the solicitation, the Port is not required to provide information until notice of an intended decision concerning the reissued solicitation or until the reissued solicitation is withdrawn.
2. Project consists of the fabrication, delivery and offloading of joint bars, track bolts, transition rails, ties, turnouts, switch stands and other accessories freight on board (FOB) to the Port of Palm Beach, Riviera Beach, Florida.
3. Electronic Bid Documents will be available for download no later than **Monday, October 4, 2021** from the Port of Palm Beach District website: <http://www.portofpalmbeach.com/bids.aspx>.
4. Bid Documents may be examined at the Port of Palm Beach District offices at One East 11th Street, Riviera Beach, 6th Floor, during regular business hours through the closing of the bid period. Contact number is (561) 842-4201 for the Port Engineer.
5. Each Bid shall be accompanied by Bid Security in the form of a surety company Bid Bond, cashiers or certified check, drawn upon any State or National Bank in Florida, payable to the Port in an amount not less than five percent (5%) of the amount of the Rail Rehabilitation Advanced Material Order – Rail Ties and Accessories Bid Amount. Any Bid received without Bid Security will be rejected and returned. Bid Security will be returned to all except the three lowest Bidders within **seven (7) days** after the opening of Bids, and the remaining Bid Securities will be returned within **seven (7) days** after the Port and the awarded Bidder have executed the Contract, or if no Contract has been awarded, **within ninety (90) days** after the date of opening of Bids, or upon demand of Bidder at any time thereafter, so long as it has not been notified of acceptance of its Bid. The Bond executed by the Bidder shall be issued by a Surety Company licensed to do business in the State of Florida. If the Bid to whom the Contract is awarded does not execute the Contract and furnish the required documentation within **ten (10) days** of the date of Notice of

Award, the Bid Security shall be paid to the Port as liquidated damages. The Bidder agrees with the Port that the amount of Bid Security fairly and reasonably represents the amount of damages the Port will suffer due to the failure of the Bidder to fulfill its obligations required herein.

6. Bidders will be permitted to withdraw their Bids at any time prior to Bid opening and /or delivery.
7. The Port will not award a Contract to any Bidder who cannot prove to the satisfaction of the Port that they have a minimum of five (5) years of experience in the manufacturing of rail materials.
7. Sealed Bids shall be addressed to the Port of Palm Beach District and plainly marked "RAIL REHABILITATION ADVANCED MATERIAL ORDER – RAIL, TIES AND ACCESSORIES" on the outside of the envelope. The Bidder's name and address shall also be included on the outside of the envelope.
9. The Bidder agrees that the Bid shall be good, and may not be withdrawn for a period ending the later of **ninety (90) calendar days** after Bid Opening, or the execution of the Contract between the successful Bidder and the Port.
10. The Port reserves the right to waive any technicalities/irregularities and/or to reject any and/or all Bids. The Port further reserves the right to award a contract to that Bidder whose submittal best serves the interests of the Port, in the sole discretion of the Port.

END OF INVITATION TO BID

BID FORM - LUMP SUM

Proposal of _____
(Name)

(Address)

(Phone) (E-Mail)

to furnish all materials, equipment, and labor to perform all Work in accordance with the Bid Documents for the RAIL REHABILITATION ADVANCED MATERIAL ORDER – RAIL, TIES AND ACCESSORIES, located at the Port of Palm Beach in Riviera Beach.

To: Port of Palm Beach District (Owner)
One East 11th Street
Riviera Beach, FL 33404
Mr. Manuel Almira, Executive Director

Dear Mr. Almira:

The undersigned Bidder has carefully examined the Bid Documents and the Site of the proposed Work and is familiar with the nature and extent of the Work and any local conditions that may in any manner affect the Work to be done.

The undersigned Bidder agrees to do all the Work and furnish all materials called for by the Bid Documents for RAIL REHABILITATION ADVANCED MATERIAL ORDER – RAIL, TIES AND ACCESSORIES in the manner prescribed therein and to the standards of quality and performance established in the technical specifications for the lump sum prices stated herein.

1. BASE BID:

Bidder (Supplier) shall:

- Supply all Rail Components materials - rail, joint bars, track bolts, transition rails, ties, turnouts, switch stands, other accessories and related appurtenances (Product).
- Deliver Product freight on board (FOB) to the Port of Palm Beach, Riviera Beach, Florida; and
- Offloading Product in a designated area within Port property for use and acceptance by Owner.
- Placement Product in a Port specified Storage yard.

Upon delivery, offloading and placement the Owner will receive, inspect, and accept Product (if

in compliance). Once offloaded and accepted the Owner will take possession of the materials.

Bidder shall be responsible to provide all labor and equipment necessary to furnish the material and all labor and equipment necessary for shipping, offloading and placement in a storage yard as required to furnish the product to the Port of Palm Beach in Riviera Beach, FL

Bidder shall be responsible to repair any damage to product due to shipping, delivery, offloading and placement in the storage yard.

Bidder shall provide Product and items listed above in accordance with the technical specification sections and sketches as follows for the products in this Bid Document.

- Rail Component Specifications
- Rail Exhibit Option 12 – For Reference Only. Quantities may vary.

For the above scope of work, Bidder shall indicate the Cost and Time required below. The undersigned Bidder agrees that its Bid shall be good and may not be withdrawn for a period of 90 days after the scheduled closing time for receiving bid.

Cost (Lump Sum)

Bidder is to fill in all blanks below. All cost below shall exclude applicable taxes as defined in the attached Consumer Certificate Exemption #85-8012646126C-7 from the State of Florida but include all other fees and taxes applicable to this type of work.

Item	Description	Qty.	Unit	Unit Price	Total Price
1.0	Trackwork – Yard Tracks				\$
1.1	Steel Ties (M10UE Ties)	6700	EA	\$	\$
1.2	90LB Rail (LF=Both Rails)	195	LF	\$	\$
1.3	115LB Rail (LF = Both Rails)	2,028	LF	\$	\$
1.4	136LB Rail (LF=Both Rails)	19,812	LF	\$	\$
1.5	#8 115LB Turnouts on Steel Ties (Hand Throw)	2	EA	\$	\$
1.6	#8 136LB Turnouts on Steel (Hand Throw)	8	EA	\$	\$
1.7	Transition Rail (136 to 115)	8	EA	\$	\$
1.8	Comp Bar (115 to 90)	2	EA	\$	\$
1.9	Bumping Post	6	EA	\$	\$

1.10	OTM Items (Joint Bars, Bolts, Etc.)	450	EA	\$	\$
	<i>Subtotal - Item 1.0</i>				\$
2.0	Delivery / Shipping to Port of Palm Beach	1	LS	\$	\$
3.0	Offloading at Port of Palm Beach	1	LS	\$	\$
TOTAL (Items 1 – 3)					\$

Base Bid Cost Total-Written Out (Lump Sum):

_____ Dollars and _____ Cents

Time

Proposer shall identify as part of this Proposal the following:

- Number of Calendar Days from date of Purchase Order to deliver, offload and place in the storage yard all Product other than the turn outs to the Port of Palm Beach. _____ days
- Number of Calendar Days from date of Purchase Order to deliver, offload and place in the storage yard the turn outs to the Port of Palm Beach. _____ days

3. BID SECURITY

Accompanying this Proposal is a certified or cashier's check or a Bid Bond in the amount of 5 percent of the Total Base Proposal, made payable to the Owner, which may be forfeited as liquidated damages if, in the event this proposal is accepted, the undersigned fails to execute the Construction Contract with the Owner within three (3) business days after acceptance of the Proposal; otherwise said certified or cashier's check or Bid Bond will be returned to the undersigned as more specifically defined in the Request for Proposals Invitation.

The Port reserves the right to waive any technicalities/irregularities and/or to reject any and/or all Proposals. The Port further reserves the right to award a contract to that Proposer whose submittal best serves the interests of the Port, in the sole discretion of the Port.

4. ATTACHMENTS TO BIDS

The following documents are to be attached to and made a condition of this Bid:

- Required Bid security in the form of Bid bond.
- List of Proposed Suppliers and shipping agents.

- Narrative of proposed fabrication locations, method of shipping, method of offloading and method of placing the Product in the storage yard.
- Cut Sheets and Product data required in Rail Component Specification including but not limited to historical testing results and proof of material meeting the material specifications.
- General description to better explain your Bid.
- Additional narrative and attachments to clarify the Bidder's Bid as required if any deviations are proposed or alternate delivery options are suggested.

5. ADDENDA

Proposer acknowledges the receipt of Addendum numbers:

1. _____, 2. _____, 3. _____, 4. _____, 5. _____.

Dated this _____ day of _____, 20__.

NAME OF BIDDER: _____

ADDRESS OF BIDDER: _____

[CORPORATE SEAL] BY: _____

TITLE: _____

END OF BID FORM



Consumer's Certificate of Exemption

DR-14
R. 10/15

Issued Pursuant to Chapter 212, Florida Statutes

85-8012646126C-7	12/31/2017	12/31/2022	STATE GOVERNMENT
Certificate Number	Effective Date	Expiration Date	Exemption Category

This certifies that

PORT OF PALM BEACH DISTRICT
1 E 11TH ST STE 600
RIVIERA BEACH FL 33404-6911

is exempt from the payment of Florida sales and use tax on real property rented, transient rental property rented, tangible personal property purchased or rented, or services purchased.



Important Information for Exempt Organizations

DR-14
R. 10/15

1. You must provide all vendors and suppliers with an exemption certificate before making tax-exempt purchases. See Rule 12A-1.038, Florida Administrative Code (F.A.C.).
2. Your *Consumer's Certificate of Exemption* is to be used solely by your organization for your organization's customary nonprofit activities.
3. Purchases made by an individual on behalf of the organization are taxable, even if the individual will be reimbursed by the organization.
4. This exemption applies only to purchases your organization makes. The sale or lease to others of tangible personal property, sleeping accommodations, or other real property is taxable. Your organization must register, and collect and remit sales and use tax on such taxable transactions. Note: Churches are exempt from this requirement except when they are the lessor of real property (Rule 12A-1.070, F.A.C.).
5. It is a criminal offense to fraudulently present this certificate to evade the payment of sales tax. Under no circumstances should this certificate be used for the personal benefit of any individual. Violators will be liable for payment of the sales tax plus a penalty of 200% of the tax, and may be subject to conviction of a third-degree felony. Any violation will require the revocation of this certificate.
6. If you have questions regarding your exemption certificate, please contact the Exemption Unit of Account Management at 800-352-3671. From the available options, select "Registration of Taxes," then "Registration Information," and finally "Exemption Certificates and Nonprofit Entities." The mailing address is PO Box 6480, Tallahassee, FL 32314-6480.

RAIL COMPONENT SPECIFICATION

GENERAL

All rail material shall be new. Used or certified reconditioned material will not be allowed.

RAIL

Rail shall be 115-lb/136-lb. Rail shall meet or exceed AREMA Class 1 Specifications.

JOINT BARS

Joint bars or angle bars shall be new and match the rail section used. Joint bars shall be free of defects and foreign material, with 36" - 6 bolt hole pattern conforming to AREMA specifications.

TRACK BOLTS

Track bolts shall be new and conforming to AREMA specifications. Track bolts shall be appropriately sized for the bolt holes in the rail section and joint bars with length sufficient for full nut and new heavy duty spring washers.

TRANSITION RAILS / COMP BARS

Transition rails and comp bars shall be new and conforming to AREMA specifications, appropriately sized for the rail transition section.

TIES

All steel cross and switch ties shall be new and shall be fabricated in conformance with AREMA manual chapter 30, part 6 "steel ties" and as manufactured by Narstco or approved equal and shall include Narstco hook in shoulders and ne1 "e" type clip fasteners.

TURNOUTS

1. The proposed 115-lb or 136-lb #8 turnout and turnout components shall be new material, containing a #8 heavy industrial rail bound manganese frog with 16'-6" switch point, along with ridged braces.
2. The proposed #8 turnout must be constructed to Narstco #8 turnout specifications. Refer to Narstco industrial specifications.

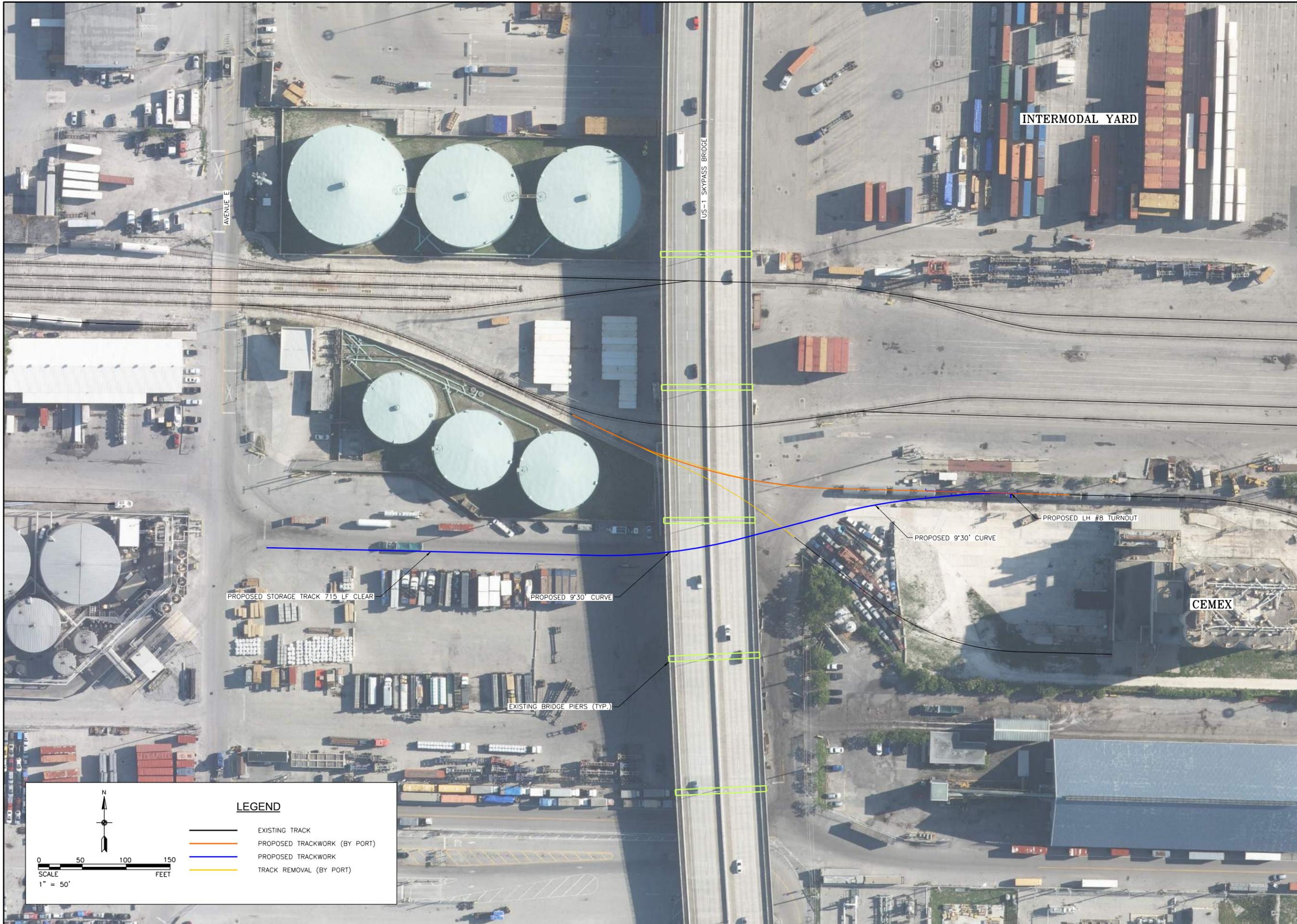
SWITCH STANDS

Switch stands shall be new Model 22e switch stand with low profile target, with Model SSN 223 yellow bow handle, along with Model 11TN adjustable connecting rods.

BUMPING POST

Bumping post shall be new and heavy duty Western-Cullen-Hayes bumping post or approved equal.

6/18/2021 10:56:38 AM c:\transystems\pw_local\transyscop\pw\hujmckh\huder\00020815\EDX\BTR-Proposed Track Replacement Option 9.dgn



INTERMODAL YARD

US-1 SKYPASS BRIDGE

AVENUE E

CEMEX

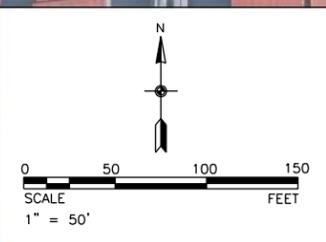
PROPOSED LH #8 TURNOUT

PROPOSED 9'30" CURVE

EXISTING BRIDGE PIERS (TYP.)

PROPOSED STORAGE TRACK 715 LF CLEAR

PROPOSED 9'30" CURVE



LEGEND

-  EXISTING TRACK
-  PROPOSED TRACKWORK (BY PORT)
-  PROPOSED TRACKWORK
-  TRACK REMOVAL (BY PORT)

TranSystems
 200 EAST ROBINSON ST
 SUITE 600
 ORLANDO, FL 32801
 PHONE: +07-875-6900
 WWW.TRANSYSTEMS.COM

CONSULTANTS:

PORT OF PALM BEACH
 RIVIERA BEACH, FLORIDA

 IMPORT • EXPORT • YOUR PORT

REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: P309200071
 SCALE: 1"=50'
 DATE: 6/18/2021
 DESIGNED BY: AJM
 DRAWN BY: AJM
 CHECKED BY: DRC

SHEET TITLE:
RAIL REPLACEMENT EXHIBIT OPTION 9

SHEET NO.
EX-9
 SHEET 1 OF 1