

Construction Agreement No.: 2020-C-491-0000x

THIS CONSTRUCTION AGREEMENT (this "Agreement") is made and entered into by and between the State of Florida, Department of Transportation, (3400 West Commercial Blvd, Ft. Lauderdale FL 33309) (hereinafter referred to as the "DEPARTMENT") and The City of Fort Lauderdale (hereinafter referred to as the "Construction Coordinator").

WITNESSETH:

WHEREAS, the DEPARTMENT is authorized and required by Section 334.044(13), Florida Statutes, to coordinate the planning, development, and operation of the State Highway System; and

WHEREAS, pursuant to Section 339.282, Florida Statutes, the DEPARTMENT may contract with a property owner to finance, construct, and improve public transportation facilities; and

WHEREAS, the Construction Coordinator proposes to construct certain improvements to SR A1A (Seabreeze Blvd.) Section 86180 Subsection 000 /000 from Begin MP 2.312 to End MP 2.348 Local Name: Seabreeze Blvd. located in Broward County (hereinafter referred to as the "Project"); and

WHEREAS, the parties desire to enter into this Agreement for the Construction Coordinator to make improvements within the DEPARTMENT'S right of way to construct the Project, which will become the property of the Department upon acceptance of the work.

NOW, THEREFORE, based on the premises above, and in consideration of the mutual covenants contained herein, the parties hereby agree that the construction of the Project shall proceed in accordance with the following terms and conditions:

1. The recitals set forth above are specifically incorporated herein by reference and made a part of this Agreement. The Construction Coordinator is authorized, subject to the conditions set forth herein, to enter the DEPARTMENT'S right of way to perform all activities necessary for the construction of **See attached exhibit A scope of services/special provisions.**

2. The Project shall be designed and constructed in accordance with the latest edition of the DEPARTMENT'S Standard Specifications for Road and Bridge Construction and DEPARTMENT Design Standards and Manual of Uniform Traffic Control Devices ("MUTCD"). The following guidelines shall apply as deemed appropriate by the DEPARTMENT: the DEPARTMENT Structures Design Manual, AASHTO Guide Specifications for the Design of Pedestrian Bridges, AASHTO LRFD Bridge Design Specifications, and the DEPARTMENT Plans Preparation Manual ("PPM") Manual for Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways (the "Florida Green Book") and the DEPARTMENT Traffic Engineering Manual. The Construction Coordinator will be required to submit any construction plans required by the DEPARTMENT for review and approval prior to any work being commenced. Should any changes to the plans be required during construction of the Project, the Construction Coordinator shall be required to notify the DEPARTMENT of the changes and receive approval from the DEPARTMENT prior to the changes being constructed. The Construction Coordinator shall maintain the area of the project at all times and coordinate any work needs of the DEPARTMENT during construction of the project.

3. The Construction Coordinator shall notify the DEPARTMENT a minimum of 48 hours before beginning construction within DEPARTMENT right of way. The Construction Coordinator shall notify the DEPARTMENT should construction be suspended for more than 5 working days.

4. Pursuant to Section 7-13 of the DEPARTMENT Standard Specifications, the Construction Coordinator is required to possess a general liability insurance naming the DEPARTMENT as an additional insured and insuring the DEPARTMENT and the Construction Coordinator against any and all claims for injury or damage to persons and property, and for the loss of life or property that may occur (directly or indirectly) by reason of the Construction Coordinator accessing DEPARTMENT right of way and the Construction Coordinator's performance of the Project. Such amount shall be carried in a minimum amount of not less than one million and 00/100 Dollars (\$ 1,000,000.00) for bodily injury or death to any one person or any number of persons in any one occurrence, and not less than fifty thousand and 00/100 Dollars (\$ 50,000.00) for property damage, or a combined coverage of not less than one million fifty thousand and 00/100 Dollars (\$ 1,050,000.00). Additionally, the Construction Coordinator shall supply the DEPARTMENT with a payment and performance bond in the amount of the estimated cost of construction, provided by a surety authorized to do business in the State of Florida, payable to the DEPARTMENT. The bond and insurance shall remain in effect until completion of construction and acceptance by the DEPARTMENT. Prior to commencement of the Project and on such other occasions as the DEPARTMENT may reasonably require, the Construction Coordinator shall provide the DEPARTMENT with certificates documenting that the required insurance coverage is in place and effective. If the Construction Coordinator is a governmental entity they will be exempt from these requirements.

5. The Construction Coordinator shall be responsible for monitoring construction operations and the maintenance of traffic ("MOT") throughout the course of the project in accordance with the latest edition of the DEPARTMENT Standard Specifications, section 102. The Construction Coordinator is responsible for the development of a MOT plan and making any changes to that plan as necessary. The MOT plan shall be in accordance with the latest version of the DEPARTMENT Design Standards, Index 600 series. Any MOT plan developed by the Construction Coordinator that deviates from the DEPARTMENT Design Standards must be signed and sealed by a professional engineer. MOT plans will require approval by the DEPARTMENT prior to implementation.

6. The Construction Coordinator shall be responsible for locating all existing utilities, both aerial and underground, and for ensuring that all utility locations be accurately documented on the construction plans. All utility conflicts shall be fully resolved directly with the applicable utility.

7. The Construction Coordinator will be responsible for obtaining all permits that may be required by other agencies or local governmental entities.

8. It is hereby agreed by the parties that this Agreement creates a permissive use only and all improvements resulting from this agreement shall become the property of the DEPARTMENT. Neither the granting of the permission to use the DEPARTMENT right of way nor the placing of facilities upon the DEPARTMENT property shall operate to create or vest any property right to or in the Construction Coordinator, except as may otherwise be provided in separate agreements. The Construction Coordinator shall not acquire any right, title, interest or estate in DEPARTMENT right of way, of any nature or kind whatsoever, by virtue of the execution, operation, effect, or performance of this Agreement including, but not limited to, the Construction Coordinator's use, occupancy or possession of DEPARTMENT right of way. The parties agree that this Agreement does not, and shall not be construed to, grant credit for any future transportation concurrency requirements pursuant to chapter 163, Florida Statutes.

9. The Construction Coordinator shall perform all required testing associated with the design and construction of the project. Testing results shall be made available to the DEPARTMENT upon request. The DEPARTMENT shall have the right to perform its own independent testing during the course of the Project.

10. The Construction Coordinator shall exercise the rights granted herein and shall otherwise perform this Agreement in a good and workmanlike manner, with reasonable care, in accordance with the terms and provisions of this Agreement and all applicable federal, state, local, administrative, regulatory, safety and environmental laws, codes, rules, regulations, policies, procedures, guidelines, standards and permits, as the same may be constituted and amended from time to time, including, but not limited to, those of the DEPARTMENT, applicable Water Management District, Florida Department of Environmental Protection, Environmental Protection Agency, the Army Corps of Engineers, the United States Coast Guard and local governmental entities.

11. If the DEPARTMENT determines a condition exists which threatens the public's safety, the DEPARTMENT may, at its discretion, cause construction operations to cease and immediately have any potential hazards removed from its right of way at the sole cost, expense, and effort of the Construction Coordinator. The Construction Coordinator shall bear all construction delay costs incurred by the DEPARTMENT.

12. All work and construction shall be completed within 365 days of the date of the last signature affixed to this agreement. If construction is not completed within this time, the DEPARTMENT may make a claim on the bond. The DEPARTMENT may terminate this Agreement at any time, with or without cause and without DEPARTMENT liability to the Construction Coordinator, by providing sixty (60) days prior written notice of termination to the Construction Coordinator.

13. The Construction Coordinator shall be responsible to maintain and restore all features that might require relocation within the DEPARTMENT right of way.

14. The Construction Coordinator will be responsible for clean up or restoration required to correct any environmental or health hazards that may result from construction operations.

15. Upon completion of construction, the Construction Coordinator will be required to submit to the DEPARTMENT final as-built plans and an engineering certification that construction was completed in accordance to the plans. Prior to the termination of this Agreement, the Construction Coordinator shall remove its presence, including, but not limited to, all of the Construction Coordinator's property, machinery, and equipment from DEPARTMENT right of way and shall restore those portions of DEPARTMENT right of way disturbed or otherwise altered by the Project to substantially the same condition that existed immediately prior to the commencement of the Project.

16. If the DEPARTMENT determines that the Project is not completed in accordance with the provisions of this Agreement, the DEPARTMENT shall deliver written notification of such to the Construction Coordinator. The Construction Coordinator shall have thirty (30) days from the date of receipt of the DEPARTMENT'S written notice, or such other time as the Construction Coordinator and the DEPARTMENT mutually agree to in writing, to complete the Project and provide the DEPARTMENT with written notice of the same (the "Notice of Completion"). If the Construction Coordinator fails to timely deliver the Notice of Completion, or if it is determined that the Project is not properly completed after receipt of the Notice of Completion, the DEPARTMENT, within its discretion may: 1) provide the Construction Coordinator with written authorization granting such additional time as the DEPARTMENT deems appropriate to correct the deficiency(ies); or 2) correct the deficiency(ies) at the Construction Coordinator's sole cost and expense, without DEPARTMENT liability to the Construction Coordinator for any resulting loss or damage to property, including, but not limited to, machinery and equipment. If the DEPARTMENT elects to correct the deficiency(ies), the DEPARTMENT shall provide the Construction Coordinator with an invoice for the costs incurred by the DEPARTMENT and the Construction Coordinator shall pay the invoice within thirty (30) days of the date of the invoice.

17. Nothing in this Agreement shall be deemed or otherwise interpreted as waiving the DEPARTMENT'S sovereign immunity protections, or as increasing the limits of liability as set forth in Section 768.28, Florida Statutes. The DEPARTMENT'S liability for breach of this Agreement is limited in amount and shall not exceed the limitations of liability for tort actions as set forth in Section 768.28(5), Florida Statutes.

18. All formal notices, proposed changes and determinations between the parties hereto and those required by this Agreement, including, but not limited to, changes to the notification addresses set forth below, shall be in writing and shall be sufficient if mailed by regular United States mail, postage prepaid, to the parties at the contact information listed below.

19. The Construction Coordinator shall not cause any liens or encumbrances to attach to any portion of DEPARTMENT right of way.

20. This Agreement shall be governed by the laws of the State of Florida in terms of interpretation and performance. Venue for any and all actions arising out of or in any way related to the interpretation, validity, performance or breach of this Agreement shall lie exclusively in a state court of appropriate jurisdiction in Leon County, Florida.

21. The Construction Coordinator may not assign, pledge or transfer any of the rights, duties and obligations provided in this Agreement without the prior written consent of the DEPARTMENT'S District Secretary or his/her designee. The DEPARTMENT has the sole discretion and authority to grant or deny proposed assignments, with or without cause. Nothing herein shall prevent the Construction Coordinator from delegating its duties hereunder, but such delegation shall not release the Construction Coordinator from its obligation to perform this Agreement.

22. This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns. Nothing in this Agreement is intended to confer any rights, privileges, benefits, obligations or remedies upon any other person or entity except as expressly provided for herein.

23. This instrument, together with the attached exhibits and documents made part hereof by reference, contain the entire agreement of the parties and no representations or promises have been made except those that are specifically set out in this Agreement. All prior and contemporaneous conversations, negotiations, possible and alleged agreements and representations, covenants, and warranties with respect to the subject matter of this Agreement, and any part hereof, are waived, merged herein and superseded hereby.

24. By their signature below, the parties hereby acknowledge the receipt, adequacy and sufficiency of consideration provided in this Agreement and forever waive the right to object to or otherwise challenge the same.

25. The failure of either party to insist on one or more occasions on the strict performance or compliance with any term or provision of this Agreement shall not be deemed a waiver or relinquished in the future of the enforcement thereof, and it shall continue in full force and effect unless waived or relinquished in writing by the party seeking to enforce the same.

26. No term or provision of this Agreement shall be interpreted for or against any party because that party or that party's legal representative drafted the provision.

27. If any section, paragraph, clause or provision of this Agreement is adjudged by a court, agency or authority of competent jurisdiction to be invalid, illegal or otherwise unenforceable, all remaining parts of this Agreement shall remain in full force and effect and the parties shall be bound thereby so long as principle purposes of this Agreement remain enforceable.

28. A modification or waiver of any of the provisions of this Agreement shall be effective only if made in writing and executed with the same formality as this Agreement.

29. The Construction Coordinator agrees to promptly indemnify, defend, save and hold harmless the DEPARTMENT and all of its officers, agents and employees from and pay all demands, claims, judgments, liabilities, damages, fines, fees, taxes, assessments, penalties, costs, expenses, attorneys' fees and suits of any nature or kind whatsoever caused by, or arising out of or related to the performance or breach of this Agreement by the Construction Coordinator, including, without limitation, performance of the Project within the DEPARTMENT'S right of way. The term "liabilities" shall specifically include, without limitation, any act, action, neglect or omission by the Construction Coordinator, its officers, agents, employees or representatives in any way pertaining to this Agreement, whether direct or indirect, except that neither the Construction Coordinator nor any of its officers, agents, employees or representatives will be liable under this provision for damages arising out of injury or damages directly caused or resulting from the sole negligence, intentional or wrongful acts of the DEPARTMENT or any of its officers, agents or employees. The Construction Coordinator shall notify the DEPARTMENT in writing immediately upon becoming aware of such liabilities. The Construction Coordinator's inability to evaluate liability, or its evaluation of liability, shall not excuse performance of the provisions of this paragraph. The indemnities assumed by the Construction Coordinator shall survive termination of this Agreement. The insurance coverage and limits required in this Agreement may or may not be adequate to protect the DEPARTMENT and such insurance coverage shall not be deemed a limitation on the Construction Coordinator's liability under the indemnities granted to the DEPARTMENT in this Agreement.

30. Construction Coordinator:

- (1) shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Construction Coordinator during the term of the contract; and
- (2) shall expressly require any subcontractors performing work or providing services pursuant to the state contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term.

31. COMPLIANCE WITH LAWS

The Construction Coordinator shall allow public access to all documents, papers, letters, or other material subject to the provisions of Chapter 119, Florida Statutes, and made or received by the Construction Coordinator in conjunction with this Agreement. Specifically, if the Construction Coordinator is acting on behalf of a public agency the Construction Coordinator shall:

- (1) Keep and maintain public records that ordinarily and necessarily would be required by the Department in order to perform the services being performed by the Construction Coordinator.
- (2) Provide the public with access to public records on the same terms and conditions that the Department would provide the records and at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law.
- (3) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law.
- (4) Meet all requirements for retaining public records and transfer, at no cost, to the Department all public records in possession of the Construction Coordinator upon termination of the contract and destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. All records stored electronically must be provided to the Department in a format that is compatible with the information technology systems of the Department. Failure by the Construction Coordinator to grant such public access shall be grounds for immediate unilateral cancellation of this Agreement by the Department. The Construction Coordinator shall promptly provide the Department with a copy of any request to inspect or copy public records in possession of the Construction Coordinator and shall promptly provide the Department a copy of the Construction Coordinator's response to each such request.

CONSTRUCTION COORDINATOR CONTACT INFORMATION

Name Chris Lagerbloom Title: City Manager
Office No. 954-828-5013 Cell _____ Email CLagerbloom@fortlauderdale.gov

Name _____ Title _____ Office No. _____
Cell _____ Email _____

Mail Address _____

IN WITNESS WHEREOF, Construction Coordinator and the DEPARTMENT have executed this Agreement for the purposes herein expressed on the dates indicated below.

CONSTRUCTION COORDINATOR

By: _____ (Signature)

Chris Lagerbloom (Print Name)

City Manager (Title)

_____ (Date)

DEPARTMENT OF TRANSPORTATION

By: _____ (Signature)

Antonio Castro, PE (Print Name)

District 4 Maintenance Engineer (Title)

_____ (Date)

Legal Review:

EXHIBIT A

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DRAFT VERSION AS OF 2.26.2020

I. SCOPE OF SERVICES

The Proposed Project consists of Repairs at pedestrian bridge at 801 Seabreeze Blvd. (A1A) from Bahia Mar Hotel to the beach (City of Ft. Lauderdale Right-of-way). Replacement of the following: Walkway Surface, Stairs, Fencing, Repair spalled Concrete on I-beams of Pedestrian Bridge.

II. PROJECT PLANS

The Construction Coordinator is authorized to install the Project in accordance with the attached plans prepared by Marcus O. Unterweger, P.E. and dated 10/28/2019. Any revisions must be approved by the DEPARTMENT in writing.

III. SPECIAL PROVISIONS FOR CONSTRUCTION

- Prior to any work requiring lane closures, mobile operations or traffic pacing operations, the contractor or permittee shall submit a request to the Department that includes the time, location, and description of work being performed. The lane closure request shall be submitted to the Department a minimum of 2 weeks prior to the proposed closure date and must be approved by the Department before work requiring the closure may begin within the FDOT Right of Way. You must also comply with the lane closure analysis as outlined in the FDOT Design Manual 241.1 & FDM 240.4.2.7. The request shall be entered into the Lane Closure Information System (LCIS) by the permittee at the following URL address: <https://www.fdotlcis.com/login.aspx>. Each request will be reviewed by the appropriate Department personnel for compliance with contract or permit requirements and coordination with adjacent projects or work activities.
- Maintenance of Traffic (lane closures on the state road system occurring during peak hours 7:00-9:00 AM or 4:00 –6:00 PM), lasting over 24 hours and/or at limited access facilities must contact Barbara Guillermo Canedo (Guillermo.canedo@dot.state.fl.us) two weeks prior closures.

Guillermo Canedo can be reached at 954-777-4302

Florida Department of Transportation

Public Information Office

3400 West Commercial Blvd.

Fort Lauderdale, Florida 33309

- During construction, highest priority should be given to ensure pedestrian safety. If permission is granted to temporarily close a sidewalk, it should be done with the express condition that an alternate route will be provided and shall continuously maintain pedestrian features to meet Americans with Disability Act (ADA) standards.
- The D.O.T. right-of-way cannot be utilized for staging, storage or mobilization of equipment, supplies and/or vehicles used to perform work for on-site (non-FDOT right-of-way) construction.
- The D.O.T. roadway, sidewalk, etc. must not be disturbed until the off-site improvements shown on the permit are ready to be constructed. This construction should be completed as soon as possible so as to minimize disruption within the R/W.
- A copy of this permit and plan will be on the job site at all times during the construction of this facility.
- This permit is valid only for work proposed within the D.O.T. right-of-way. Contact Louis Berger - Asset Management Contractor (us1-A1A-permits@louisberger.com) at 888-934-1669 to schedule a pre-construction meeting 48 hours prior commencement of construction. Certification acceptance and final approval is contingent upon conformity of all work done according to this approved permit.
- Permittee is cautioned that utilities may be located within the construction area.

EXHIBIT A

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- Validity of this permit is contingent upon permittee obtaining necessary permits from all other agencies involved.
- All maintenance of traffic (MOT) will be in accordance with the Department's current edition of the Design Standards, (102-600 series). The Operations Engineer or his designee reserves the right to direct the removal/relocation/modification of any traffic device(s) at the Permittee's sole expense.
- Contain all erosion and sedimentation on-site and prevent its entry into the state road storm sewer system. The Permittee shall implement best management practices for erosion and pollution control to prevent violation of state water quality standards. The Permittee shall be responsible for the correction of any erosion, shoaling, or water quality problems that result from the construction or operation of the surface water management system.
- All materials and construction within the FDOT right-of-way shall conform to the latest FDOT Design Standards and latest Standard Specifications for Road and Bridge construction.

CONSTRUCTION COORDINATOR PLEASE NOTE:

- Call for a Preliminary "Structural Inspection":
 - The DEPARTMENT requires an anticipated date of inspection of structures at the beginning of the project. A tentative date shall be the schedule at the pre-con. If the estimated schedule changes by more than a few months then DEPARTMENT would expect to be notified of the new dates.
 - Once the main assembly of the structure have been mounted onto their respective foundation(s), a *Pre-Acceptance Structural Inspection* is required by the DEPARTMENT. It is the responsibility of the qualified Structural CEI that has been contracted throughout the construction to contact the DEPARTMENT and schedule the field inspection. This Inspection shall be conducted prior to grouting the base(s) to include the inspection of the leveling bolts along with the foundation and structure. All Punch list items must be completed at the time of the Pre-Inspection. A 2-week advanced notification is required for pre-acceptance inspections which must include a list of outstanding punch list items, the structure plans/shop drawings, and a Structure Number Request Form filled out.
- Storm Water Pollution Prevention Plan - The Construction Coordinator shall implement best management practices for erosion and pollution control to prevent violation of state water quality standards. The Construction Coordinator shall be responsible for the correction of any erosion, shoaling, or water quality problems that result from the construction or operation of the surface water management system.
- Restricted hours of operation will be from 9:00am to 3:30 pm, (Monday-Friday), unless otherwise approved by the Operations Engineer, or designee.
- The Operations Engineer or his designee reserves the right to direct the removal / relocation / modification of any traffic device(s) at the Construction Coordinator's sole expense. Traffic Control Plans (TCP) must be submitted and reviewed during the pre-construction meeting

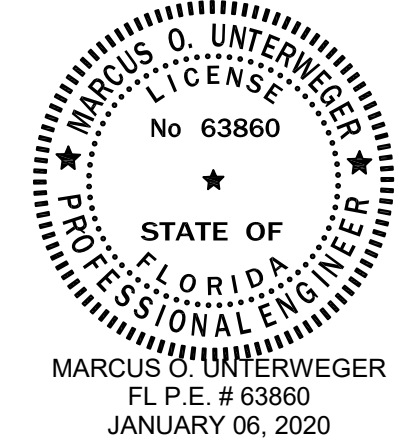
IV. MODIFICATIONS TO BASIC AGREEMENT

- A. Section 4 is hereby deleted and replaced with the following: Construction Coordinator is an entity subject to Section 768.28, Florida Statutes, and Construction Coordinator shall furnish DEPARTMENT with written verification of liability protection in accordance with state law prior to final execution of this Agreement.**
- B. Section 29 the following is hereby added: Nothing herein is intended to serve as a waiver of sovereign immunity by any party nor shall anything included herein be construed as consent to be sued by third parties in any matter arising out of this**

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Agreement or any other contract. Construction Coordinator is a state agency or political subdivision as defined in Chapter 768.28, Florida Statutes, and shall be fully responsible for the acts and omissions of its agents or employees to the extent permitted by law.

DRAFT



MARCUS O. UNTERWIEGER
FL. P.E. # 63860
JANUARY 06, 2020

BAHIA MAR WALKWAY
801 Seabreeze Blvd
Fort Lauderdale, FL 33316

DATE: 08.06.2018

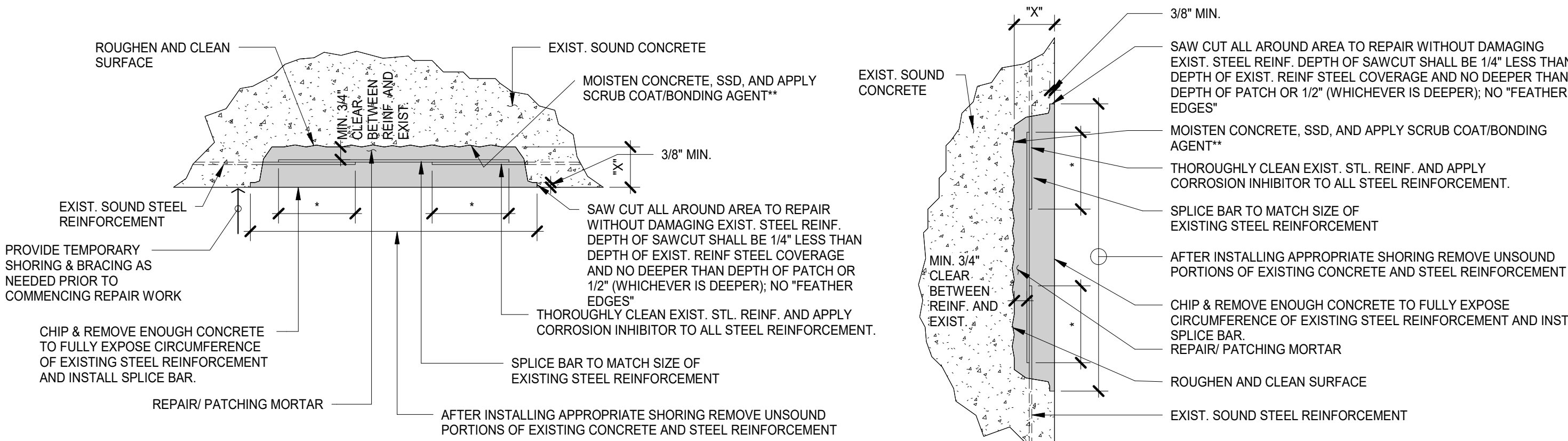
No.	Description	Date
3	GENERAL REVISIONS	10.28.19

DRAWING:

TYPICAL DETAILS

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S-1.00



PROCEDURE & NOTES

1. REMOVE UNNECESSARY LOADS AND PROVIDE ADEQUATE TEMPORARY SHORING AND BRACING TO STRUCTURAL MEMBERS TO REMOVE LOAD TO REMEMBER WHICH IS TO BE REPAIRED.
2. WHERE SHORING IS NOT PRACTICAL OR NOT POSSIBLE, REMOVE EXISTING DETERIORATED CONCRETE AND COMPLETE REPAIRS IN SECTIONS SMALL ENOUGH NOT TO REQUIRE SHORING OR BRACING. STRUCTURAL STABILITY SHALL BE MAINTAINED AT ALL TIMES.
3. REMOVE LOOSE, UNSOUND AND HONEYCOMBED CONCRETE.
4. IF MORE 50% OF CIRCUMFERENCE OF STEEL REBAR IS VISIBLE, EXPOSE ENTIRE CIRCUMFERENCE OF EXISTING STEEL REBAR WITH A MINIMUM OF 3/4\"/>
5. CLEAN ALL LOOSE RUST FROM EXISTING REINFORCEMENT USING HIGH PRESSURE WATER OR ABRASIVE BLAST CLEANING (MECHANICALLY POWERED WIRE BRUSHES MAY ONLY BE USED IF ENTIRE CIRCUMFERENCE OF REINFORCEMENT IS ACCESSIBLE) OR OTHER APPROPRIATE MEANS.
6. WHERE APPROX. 20% OR MORE OF MATERIAL LOSS HAS OCCURRED TO THE EXISTING STEEL REINFORCEMENT, ADEQUATELY SHORE THE DIRECTLY AND INDIRECTLY AFFECTED MEMBERS AND CONTINUE TO STEP 7, OTHERWISE SKIP STEP 7 BELOW.
7. CHIP JUST ENOUGH OF EXISTING CONCRETE TO EXPOSE THE ADEQUATE LENGTH REQUIRED TO INSTALL SPLICE BAR TO MATCH SIZE OF EXISTING REINFORCEMENT. PROVIDED ADEQUATE CONCRETE COVERAGE. BARS MAY BE LAP SPLICED (MINIMUM 48 BAR DIAMETER FOR 3/4\"/>
8. PREPARE CONCRETE SURFACE TO BE REPAIRED SUCH THAT THE SURFACE IS ROUGH WITH A MINIMUM 1/4\"/>
9. CLEAN EXISTING CONCRETE SURFACES OF ALL DIRT, DUST AND OTHER DELETERIOUS MATERIALS SUCH THAT PORE STRUCTURE IS UNCLOGGED AND OPEN. USE BLASTING AND/OR VACUUMING METHODS TO ENSURE PORE STRUCTURE IS PROPERLY PREPARED. INSPECT ALL SURFACES FOR FOREIGN MATERIALS WHICH MIGHT INHIBIT BOND.
10. CLEANS AND COAT ALL STEEL WITH CORROSION INHIBITING PRIMER. APPLY (2) TWO COATS AT 10 MILS EACH. ALLOW COATING TO PROPERLY DRY (USUALLY 2-3 HOURS) PRIOR TO APPLYING PATCHING MORTAR. IF COATING DRIES FOR OVER 24 HOURS, RE-APPLY ONE (1) COAT.
11. MOISTEN CONCRETE SURFACES TO BE REPAIRED (SUBSTRATE SHALL BE SATURATED SURFACE DRY (SSD) W/ NO STANDING WATER DURING APPLICATION).
12. APPLY A SCRUB COAT (FLUID PASTE) OF PATCHING MORTAR FILLING ALL PORES AND VOIDS. USE BONDING AGENT**, IN LIEU OF SCRUB COAT FOR OVERHEAD APPLICATIONS ONLY AND WITH PRIOR APPROVAL APPROVAL OF ENGINEER AND SPECIAL INSPECTOR.
13. WHILE SCRUB COAT OR BONDING AGENT IS STILL WET, APPLY PATCHING MORTAR. USING LOW OR HIGH VELOCITY IMPACT OR OTHER APPROVED INTIMATE CONTACT TECHNIQUE
14. FOR APPLICATIONS WHERE "X" IS GREATER THAN 1-1/2\", APPLY PATCHING MORTAR IN LIFTS. SCORE THE TOP SURFACE OF EACH PREVIOUS LIFT TO PRODUCE A ROUGHENED SURFACE OF THE NEXT LIFT. ALLOW EACH PRECEDING LIFT TO REACH FINAL SET (APPROX. 30-50 MINS). REPEAT STEPS 8 AND 9 FOR EACH LIFT. DO NOT EXCEED 8\"/>
15. FINISH REPAIR AREA IMMEDIATELY AFTER INITIAL SET. MATCH FINISH OF EXISTING ADJACENT AREAS. ALLOW AREA TO PROPERLY CURE
16. USE ALL PRODUCTS IN STRICT ACCORDANCE W/ MANUFACTURER'S RECOMMENDATIONS.
17. SEE PROCEDURE NOTES ABOVE FOR SPLICE LENGTH
18. ** FOR OVERHEAD APPLICATIONS ONLY: USE BONDING AGENT IN LIEU OF SCRUB COAT (FLUID PASTE). MIX, HANDLE AND APPLY BONDING AGENT IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. APPLY FRESH PATCHING MORTAR WHILE BONDING AGENT IS STILL WET OR WIN ACCEPTABLE "OPEN TIME". SEE MANUFACTURER'S WRITTEN RECOMMENDATIONS.

1 TYP. OVERHEAD AND VERTICAL CONCRETE SURFACES REPAIR (WITH EXPOSED REINFORCEMENT)

S-1.00 1 1/2\"/>

GENERAL CONCRETE REPAIR NOTES

1. SHORE THE EXISTING STRUCTURE 100% BEFORE STARTING ANY CONSTRUCTION WORK
2. IN THE EVENT THAT MORE THAN 15% OF THE CROSS SECTIONAL AREA NEEDS TO BE REMOVED, PRIOR TO THE REMOVAL THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR FURTHER INSTRUCTIONS.
3. REMOVE CONCRETE FROM AROUND OXIDIZED REINFORCING STEEL.
4. PROVIDE 1/2\"/>
5. MECHANICALLY REMOVE ALL LOOSE, DELAMINATED CONCRETE AND DEFICIENT CONCRETE WITH CHIPPING HAMMER TO SOUND CONCRETE. USE A MAXIMUM 15LB CHIPPING HAMMER AND A MAXIMUM 4 LB. SCALING HAMMER SO THAT THE AGGREGATE DOESN'T SUSTAIN MICRO FRACTURING.
6. EXTEND THE PERIMETER OF THE AREA TO BE REPAIRED AS REQUIRED TO EXPOSE REINFORCING STEEL A MINIMUM OF SIX INCHES FROM THE OXIDIZED PORTION AND NO MORE THAN 4 INCHES FROM THE SAWCUT EDGE OF SPALL.
7. IF MORE THAN HALF OF REBAR PERIMETER IS EXPOSED, MECHANICALLY UNDERCUT ALL REINFORCING WITH MAXIMUM 15LB CHIPPING HAMMER. PROVIDE MINIMUM 1/2\"/>
8. CREATE HORIZONTAL AND VERTICAL SURFACES WHERE CONCRETE HAS BEEN MECHANICALLY REMOVED. FEATHER EDGING OR REPAIRS SHALL NOT BE ACCEPTED.
9. IF NON-CORRODED REINFORCING STEEL IS EXPOSED DURING THE UNDERCUTTING PROCESS, CARE SHALL BE TAKEN NOT TO DAMAGE THE REINFORCING'S BOND TO SURROUNDING CONCRETE. IF BOND BETWEEN BAR AND CONCRETE IS BROKEN, UNDERCUTTING OF THE BAR IS REQUIRED.
10. CONTRACTOR SHALL USE EXTREME CAUTION NOT TO DAMAGE EXISTING STEEL. IF ANY STEEL IS DAMAGED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR ADDITIONAL INSTRUCTIONS ON THE APPLICABLE REPAIR. ANY STEEL THAT IS DAMAGED BY THE CONTRACTOR IS TO BE REPAIRED AT NO ADDITIONAL COST.
11. ALL HEAVY CORROSION AND SCALE SHALL BE REMOVED FROM THE REINFORCING BARS AS NECESSARY TO PROMOTE MAXIMUM BOND OR REPLACEMENT REPAIR MATERIAL.
12. WIRE BRUSH ALL EXPOSED STEEL REINFORCING TO REMOVE LOOSE CONCRETE. REMOVE ANY BOND INHIBITING MATERIALS (DIRT, CONCRETE SLURRY, LOOSELY BONDED AGGREGATES) BY ABRASIVE BLASTING OR HIGH PRESSURE WATER BLASTING WITH OR WITHOUT ABRASIVE.
14. REMAINING STEEL MUST DISPLAY ACCEPTABLE BONDING WITH EXISTING CONCRETE. IF BONDING IS LOST OR DAMAGED, ADDITIONAL STEEL SHALL BE EXPOSED UNTIL BONDED UNDAMAGED STEEL IS REACHED.
15. IF THE EXISTING REINFORCEMENT HAS LOST MORE THAN 20% OF ITS CROSS SECTION, A NEW BAR OF EQUAL SIZE (DIAMETER) SHALL BE DRILLED AND EPOXIED WITH AN EMBEDDED LENGTH AND/OR LAP SPLICE AS INDICATED IN THESE PLANS. IN NO CASE SHALL ANY REBAR BE PLACED WITH A COVER LESS THAN 3 INCHES.
16. IF IT IS DETERMINED THAT DAMAGE BY THE CONTRACTOR HAS ADVERSELY EFFECTED THE CAPACITY OF ANY STRUCTURAL COMPONENT, THE CONTRACTOR SHALL PROVIDE A LOAD RATING SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA AT NO ADDITIONAL COST
17. CHECK THE CONCRETE SURFACES AFTER CLEANING TO INSURE THAT THE SURFACE IS FREE FROM ADDITIONAL LOOSE AGGREGATE, OR THAT ADDITIONAL DAMAGED AREAS ARE NOT PRESENT.
18. SECURE ANY LOOSE REINFORCING IN PLACE BY TYING IT TO OTHER SECURED BARS.
19. MAINTAIN THE SUBSTRATE IN SATURATED, SURFACE DRY CONDITION OR APPLY BONDING AGENT TO THE CONCRETE SURFACE.
20. POUR BACK FULL DEPTH SECTION REPAIRS WITH AN APPROVED, PLASTIC AND WORKABLE CONCRETE MIX THAT ACHIEVES A STRENGTH OF MINIMUM 6000PSI AT 28 DAYS. THE WATER/CEMENT RATIO OF THE MIX SHALL NOT EXCEED 0.40 BY WEIGHT. SURFACES SHALL BE CURED USING A DISSIPATING CURING COMPOUND MEETING ASTM STANDARD C309 TYPE 10 AND SHALL HAVE A FUGITIVE DYE. THE COMPOUND SHALL BE PLACED AS SOON AS THE FINISHING IS COMPLETED OR AS SOON AS THE WATER HAS LEFT THE UNFINISHED CONCRETE.
21. PATCH PARTIAL DEPTH REPAIRS WITH A POLYMER MODIFIED VERTICAL REPAIR MORTAR SUCH AS SIKATOP 123 PLUS (7000PSI) OR A BY THE ECR APPROVED EQUAL PRODUCT PER MANUFACTURER'S RECOMMENDATIONS. FOLLOW MANUFACTURER'S RECOMMENDATIONS AND REPAIR PROCEDURE STRICTLY. CURE PER MANUFACTURER'S RECOMMENDATIONS
22. PATCH MATERIAL SHALL REACH AT LEAST 2/3 DESIGN STRENGTH PRIOR TO

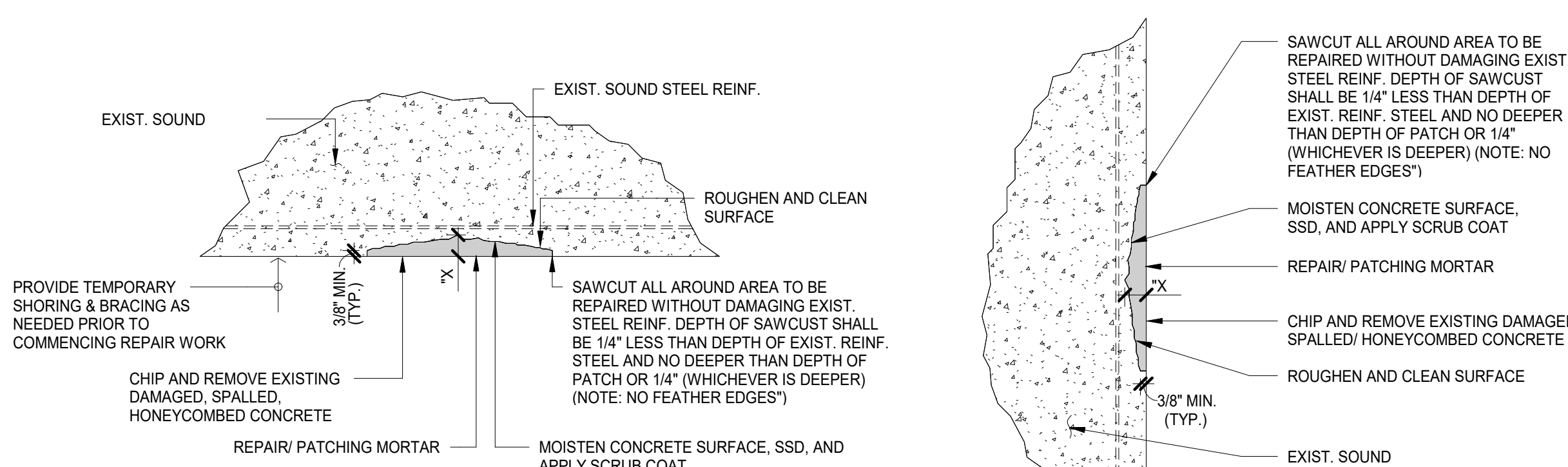
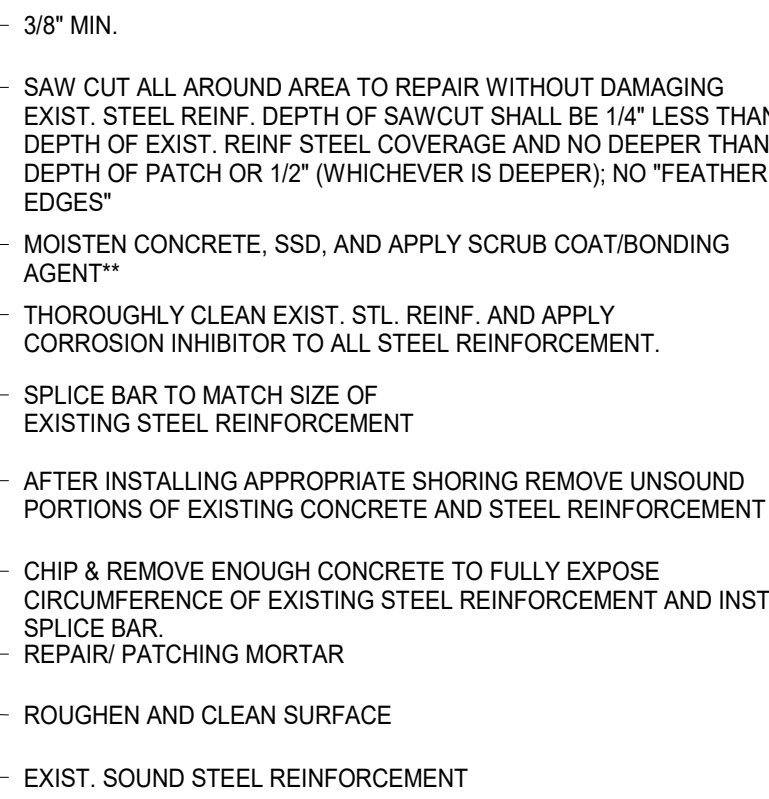
JOINT REPAIR NOTES:

1. JOINT REPAIRS SHALL BE COMPLETED PRIOR TO THE APPLICATION OF THE METHACRYLATE SEALER
2. REFER TO STANDARD SPECIFICATION 458 FOR INSTALLATION AND CONSTRUCTION REQUIREMENTS.
3. EXPANSION JOINT REPAIR PROCEDURES SHALL PROCEED AS OUTLINED BELOW:
 - A. REMOVE EXISTING JOINT EXPANSION MATERIAL. EXISTING BRIDGE DECK SHALL REMAIN
 - B. CLEAN EXISTING JOINT AND PROVIDE POURED JOINT WITH BACKER ROD SYSTEM (POURED JOINT MATERIAL WITH BACKER ROD) IN ACCORDANCE WITH STANDARD SPECIFICATION SECTION 458 AND 932.
 - C. REFER TO STANDARD INDEX NO.21110 FOR ADDITIONAL DETAILS AND INFORMATION.
4. INSTALLATION: THE JOINT SYSTEM INSTALLER SHALL BE LICENSED BY THE MANUFACTURER. A COPY OF THE LICENCING CONTRACT SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. INSTALLATION OF THE JOINT SYSTEM SHALL BE STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. THE EXISTING JOINT NOSING SHALL BE INSPECTED FOR CRACKS, SPALLS, UNSOUND MATERIAL, ETC. AND PROPERLY REPAIRED AS NEEDED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS PRIOR TO INSTALLING THE EXPANSION JOINT MATERIAL.
5. ACTUAL JOINT OPENING WILL VARY. MATCH EXISTING JOINT WIDTHS.
6. WARRANTY: THE CONTRACTOR SHALL PROVIDE THE OWNER (PORT DISTRICT 6 MAINTENANCE OFFICE, (ROADWAY/ROADSIDE UNIT) WITH A WRITTEN WARRANTY OF THE INSTALLED SYSTEM AGAINST LEAKAGE, ADHESIVE FAILURE, AND JOINT SYSTEM MATERIAL FAILURE. THE WARRANTY SHALL EXTEND FOR A PERIOD OF FIVE (5) YEARS AFTER THE DATE OF FINAL ACCEPTANCE.
7. VERIFY EXISTING JOINT OPENINGS BEFORE ORDERING JOINT MATERIAL. THE MINIMUM RECOMMENDED JOINT WIDTH AT THE TIME OF JOINT INSTALLATION IS 1 INCH. UNLESS OTHERWISE SPECIFIED BY THE MANUFACTURER. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF A JOINT WIDTH LESS THAN 1/2 INCH, OR MORE THAN 3 INCHES, IS ENCOUNTERED. THE BACKER ROD SHALL ACCOMMODATE ANY CHANGES IN JOINT WIDTH ALONG THE LENGTH OF THE JOINT, ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF THE JOINT WIDTH ALONG THE LENGTH OF THE JOINT VARIES BY MORE THAN 1/8\"/>
8. THE PRICE AND PAYMENT FOR TE EXPANSION JOINTS SHALL BE FULL COMPENSATION FOR ALL EQUIPMENT, LABOR, AND MATERIALS NECESSARY TO COMPLETE THE REMOVAL OF EXISTING EXPANSION JOINT MATERIAL, ANY REQUIRED REPAIRS OF THE JOINT NOSING, AND INSTALLATION OF

RESTORATION SHEET NOTES

GENERAL

1. AREAS OF EXISTING CONCRETE REQUIRING REPAIR ARE INDICATED IN THESE DRAWINGS.
2. AFTER REMOVAL OF AREAS OF LOOSE CONCRETE IDENTIFIED IN THESE DRAWINGS, ENGINEER WILL EXAMINE THE EXPOSED STRUCTURAL CONCRETE MEMBERS AND DETERMINE ANY FURTHER EXTEND OF REQUIRED CONCRETE REPAIR WORK.
3. NOTIFY THE SPECIAL INSPECTOR FOR OBSERVATION PRIOR TO ALL PHASES OF THE CONCRETE REPAIR WORK INCLUDING MIXING OF REPAIR PRODUCTS, SURFACE PREPARATION, APPLICATION OF BONDING AGENT AND REPAIR MORTAR.
4. THE GC SHALL BE RESPONSIBLE TO VERIFY AND CONFIRM ALL CONDITIONS INDICATED ON THE CONSTRUCTION DOCUMENTS AND INFORM THE OWNER AND MUENGINEERS, INC. IMMEDIATELY IF ANY DISCREPANCIES ARE BEING NOTED.
5. THE GC SHALL BE RESPONSIBLE TO SHORE AND SECURE ALL SEA WALL COMPONENTS TO PREVENT STRUCTURAL FAILURE OR COLLAPSE PRIOR TO STARTING ANY RESTORATION WORK.
6. COORDINATED AND SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE GENERAL CONTRACTOR, CONCRETE REPAIR CONTRACTOR, PRODUCT MANUFACTURER REPRESENTATIVE, SPECIAL INSPECTOR AND ENGINEER OR BEFORE BEGIN TO COMMENCEMENT

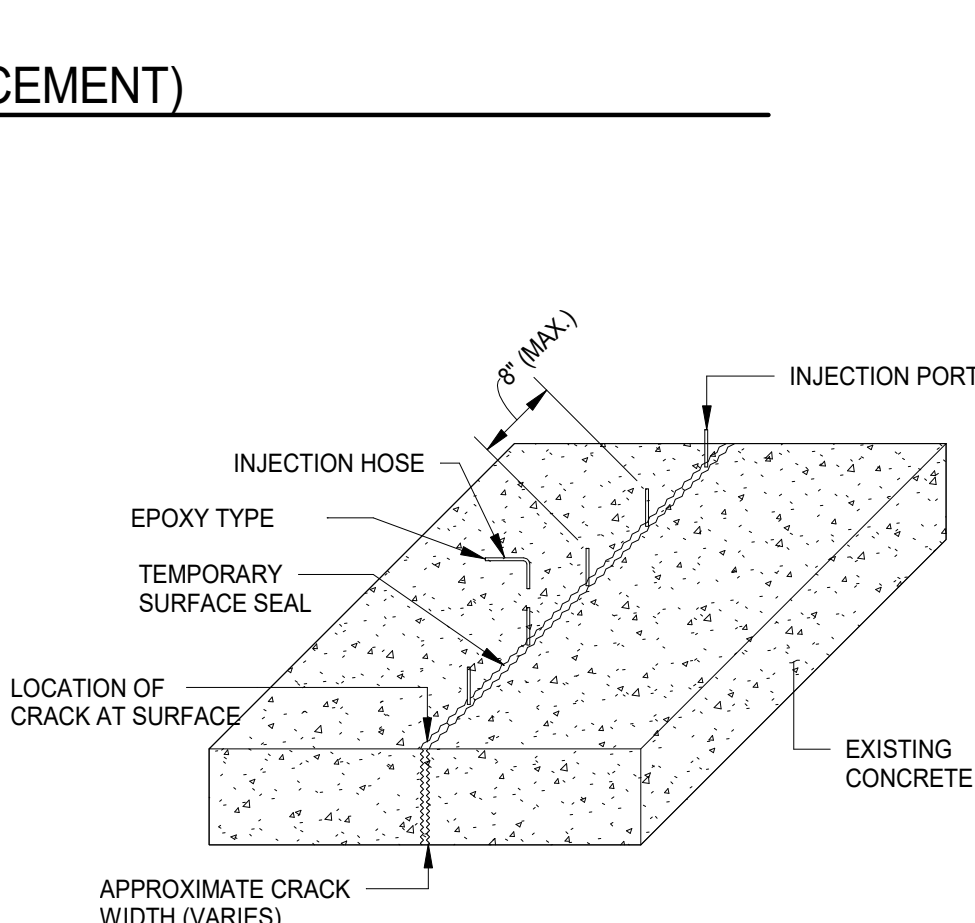


PROCEDURE & NOTES:

1. REMOVE UNNECESSARY LOADS AND PROVIDE ADEQUATE TEMPORARY SHORING AND BRACING TO STRUCTURAL MEMBERS TO REMOVE LOAD TO MEMBER WHICH IS TO BE REPAIRED. WHERE SHORING IS NOT PRACTICAL OR POSSIBLE, REMOVE EXISTING DETERIORATED CONCRETE AND COMPLETE REPAIRS IN SECTIONS SMALL ENOUGH NOT TO REQUIRE SHORING OR BRACING.
2. STRUCTURAL STABILITY SHALL BE MAINTAINED AT ALL TIMES
3. REMOVE LOOSE, UNSOUND AND HONEYCOMBED CONCRETE.
4. PREPARE CONCRETE SURFACE TO BE REPAIRED SUCH THAT THE SURFACE HAS A MINIMUM AMPLITUDE OF 1/4\", FREE OF DELAMINATIONS AND VOIDS, AND SQUARE ALL EDGES TO ENSURE A MINIMUM 3/8\"/>
5. CLEAN EXISTING CONCRETE SURFACE OF ALL DIRT, DUST AND OTHE DELETERIOUS MATERIALS SUCH THAT CONCRETE PORE STRUCTURE IS UNCLOGGED AND OPEN. USE BLASTING AND/OR VACUUMING METHODS TO ENSURE PORE STRUCTURE IS PROPERLY PREPARED. INSPECT ALL SURFACES FOR FOREIN MATERIALS WHICH MIGHT INHIBIT BOND.
6. MOISTEN CONCRETE SURFACES TO BE REPAIRED (SUBSTRATE SHALL BE SATURATED SURFACE DRY (SSD) W/ NO STANDING WATER DURING APPLICATION).
7. APPLY A SCRUB COAT (FLUID PASTE) OF PATCHING MORTAR FILLING ALL PORES AND VOIDS. USE BONDING AGENT**, IN LIEU OF SCRUB COAT FOR OVERHEAD APPLICATIONS ONLY AND WITH PRIOR APPROVAL APPROVAL OF ENGINEER AND SPECIAL INSPECTOR.
8. WHILE SCRUB COAT OR BONDING AGENT IS STILL WET, APPLY PATCHING MORTAR. USING LOW OR HIGH VELOCITY IMPACT OR OTHER APPROVED INTIMATE CONTACT TECHNIQUE
9. FOR APPLICATIONS WHERE "X" IS GREATER THAN 1-1/2\", APPLY PATCHING MORTAR IN LIFTS. SCORE THE TOP SURFACE OF EACH PREVIOUS LIFT TO PRODUCE A ROUGHENED SURFACE FOR THE NEXT LIFT. ALLOW EACH PRECEDING LIFT TO REACH FINAL SET (APPROX. 30 MINS.). REPEAT STEPS 4 & 5 FOR EACH LIFT. (NOTE: THIS STEP IS NOT APPLICABLE TO FORM-AND-CAST REPAIRS.
10. USE ALL PRODUCTS IN STRICT ACCORDANCE W/ MANUFACTURER'S RECOMMENDATIONS.
11. * FOR OVERHEAD APPLICATIONS ONLY: USE BONDING AGENT IN LIEU OF SCRUB COAT (FLUID PASTE). MIX, HANDLE AND APPLY BONDING AGENT IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. APPLY FRESH PATCHING MORTAR WHILE BONDING AGENT IS STILL WET OR WIN ACCEPTABLE "OPEN TIME". SEE MANUFACTURER'S WRITTEN RECOMMENDATIONS.

2 TYP. OVERHEAD AND VERTICAL CONCRETE SURFACES REPAIR (WITHOUT EXPOSED REINFORCEMENT)

S-1.00 1 1/2\"/>



NOTES:

- SEE TYPICAL EXPANSION JOINT WATERPROOFING DETAIL FOR ADDITIONAL INFORMATION
- FOLLOW THE MANUFACTURER'S SPECIFICATIONS AND INSTALLATION INSTRUCTIONS/RECOMMENDATIONS STRICTLY
- SEE S/S-1.00 FOR ADDITIONAL INFORMATION

4 EXPANSION JOINT RESTORATION DETAIL

S-1.00 3\"/>

3 TYP. DETAIL A EPOXY INJECT & SEAL CRACK REPAIR

S-1.00 3/4\"/>

CONCRETE REPAIR PRODUCT SCHEDULE			
APPLICATION	PRODUCT	MANUFACTURER	REMARKS
BONDING AGENT	ULTRABOND 2	ADHESIVES TECHNOLOGY CORP.	ONLY FOR PVERHEAD APPLICATIONS. USE SCRUB COAT FOR VERTICAL AND HORIZONTAL APPLICATIONS (OPEN AND UNCLG CONCRETE PORE STRUCTURE)
CORROSION INHIBITING COATING	CARBOZINC 859/ CARBOGUARD 893/ CARBOTHANE 133 VOC	CARBOLINE COMPANY	APPLY TO ALL EXPOSED SURFACES OF STEEL REINFORCING AND OTHER EMBEDDED STEEL MEMBERS
VERTICAL AND OVERHEAD REPAIRS	EUCOREPAIR/100 SIKAKUICK VOH PLANITOP XS	EUCLID CHEMICAL SIKA CORPORATION MAPEI	TROWEL APPLIED IN LIFTS. MAXIMUM LIFT THICKNESS NOT MORE THAN 1.5 INCHES. DO NOT EXCEED 8 INCHES TOTAL THICKNESS
HORIZONTAL REPAIRS	EXPRESS REPAIR	EUCLID CHEMICAL	TROWEL APPLIED IN LIFTS; MAXIMUM LIFT THICKNESS NOT MORE THAN 1.0 INCHES;
FORM-AND-CAST REPAIRS (FULL DEPTH)	EUCOREPAIR SCC PLANITOP 11SCC	EUCLID CHEMICAL MAPEI	UP TO 8 INCHES THICK APPLICATIONS; CONTACT ENGINEER OF RECORD FOR APPLICATIONS OF MORE THAN 8 INCHES THICKNESS

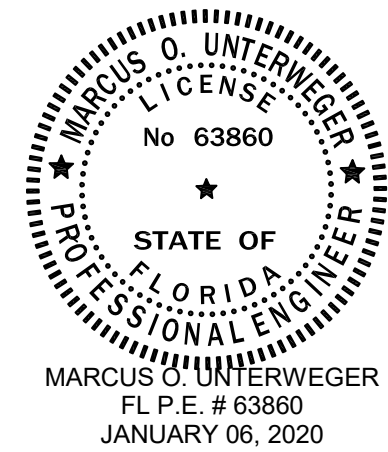
NOTES:

SUBMIT PRODUCT DATA SHEETS FOR PRODUCTS TO BE USED TO ENGINEER OF RECORD AND KEEP A COPY OF ALL CURRENT PRODUCT SHEETS ON SITE
SUBSTITUTIONS WILL BE CONSIDERED. PROPOSED SUBSTITUTIONS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO USE.

6 TYPICAL CONCRETE REPAIR PRODUCT SCHEDULE

S-1.00 12\"/>

NOTE: MUE18061201
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DETAILS AND VIEWS ON THIS SHEET ARE TO SCALE INDICATED WHEN PRINTED ON A 24\"/>



BAHIA MAR WALKWAY
801 Seabreeze Blvd
Fort Lauderdale, FL 33316

DATE: 08.06.2018

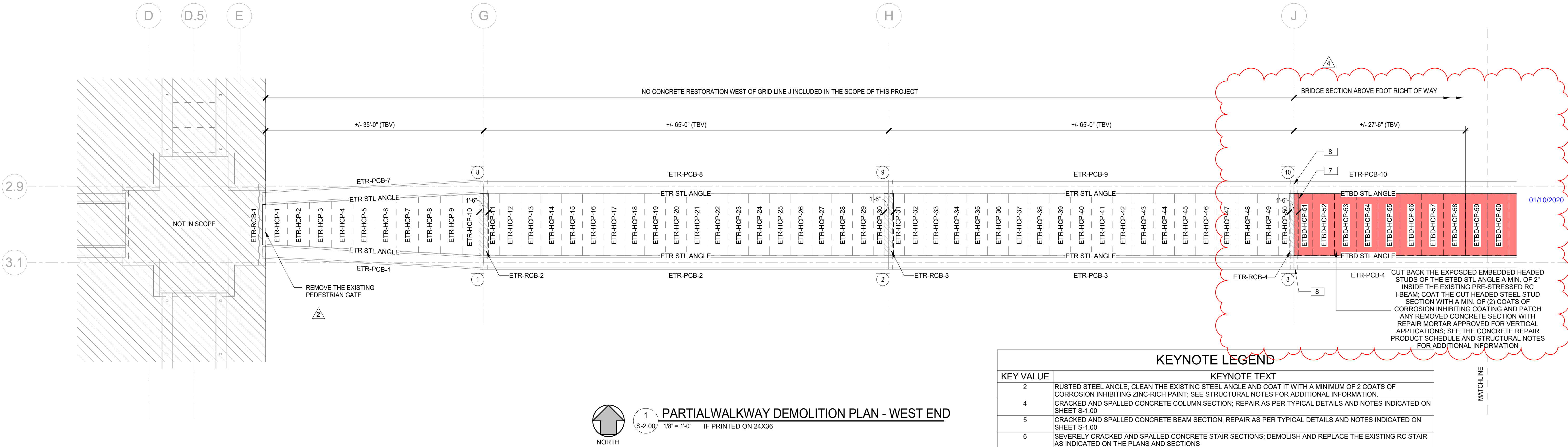
No.	Description	Date
2	GENERAL REVISIONS	08.21.18
3	GENERAL REVISIONS	10.28.19
4	FDOT COMMENTS	01.06.20

DRAWING:

**WALKWAY
DEMOLITION PLAN**

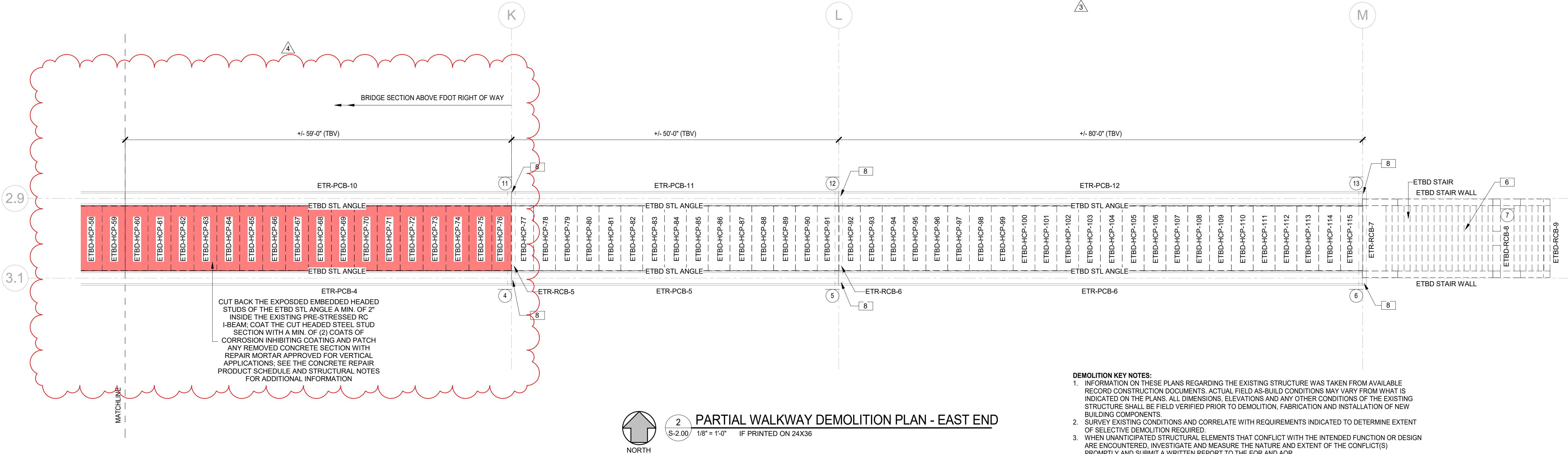
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S-2.00



1 PARTIAL WALKWAY DEMOLITION PLAN - WEST END

S-2.00 1/8" = 1'-0" IF PRINTED ON 24X36



2 PARTIAL WALKWAY DEMOLITION PLAN - EAST END

S-2.00 1/8" = 1'-0" IF PRINTED ON 24X36

- DEMOLITION KEY NOTES:**
- INFORMATION ON THESE PLANS REGARDING THE EXISTING STRUCTURE WAS TAKEN FROM AVAILABLE RECORD CONSTRUCTION DOCUMENTS. ACTUAL FIELD AS-BUILD CONDITIONS MAY VARY FROM WHAT IS INDICATED ON THE PLANS. ALL DIMENSIONS, ELEVATIONS AND ANY OTHER CONDITIONS OF THE EXISTING STRUCTURE SHALL BE FIELD VERIFIED PRIOR TO DEMOLITION. FABRICATION AND INSTALLATION OF NEW BUILDING COMPONENTS.
 - SURVEY EXISTING CONDITIONS AND CORRELATE WITH REQUIREMENTS INDICATED TO DETERMINE EXTENT OF SELECTIVE DEMOLITION REQUIRED.
 - WHEN UNANTICIPATED STRUCTURAL ELEMENTS THAT CONFLICT WITH THE INTENDED FUNCTION OR DESIGN ARE ENCOUNTERED, INVESTIGATE AND MEASURE THE NATURE AND EXTENT OF THE CONFLICT(S) PROMPTLY AND SUBMIT A WRITTEN REPORT TO THE EOR AND AOR.
 - VERIFY THE EXISTING CONDITIONS INDICATED ON THE CONSTRUCTION DOCUMENTS PRIOR TO COMMENCING WITH ANY DEMOLITION AND CONSTRUCTION.
 - NOTIFY THE AOR AND EOR OF ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND THE CONSTRUCTION DOCUMENTS.
 - VERIFY ALL DIMENSIONS AFFECTED BY EXISTING CONSTRUCTION PRIOR TO DEMOLITION.
 - VERIFY WITH THE EOR PRIOR TO REMOVING OR MODIFYING ANY STRUCTURAL MEMBERS THAT HAVE NOT BEEN INCLUDED IN THE STRUCTURAL CONSTRUCTION DOCUMENTS.
 - IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE REMOVAL OF ANY ELEMENT WILL NOT RESULT IN A STRUCTURAL DEFICIENCY OR UNPLANNED COLLAPSE OF ANY PORTION OF THE STRUCTURE OR ADJACENT STRUCTURES DURING SELECTIVE DEMOLITION ACTIVITIES.
 - CUT BACK THE EXPOSED EMBEDDED HEADED STUDS OF THE ETBD STL ANGLE A MIN. OF 2" INSIDE THE EXISTING PRE-STRESSED RC I-BEAM. COAT THE CUT HEADED STEEL STUD SECTION WITH A MIN. OF (2) COATS OF CORROSION INHIBITING COATING AND PATCH ANY REMOVED CONCRETE SECTION WITH REPAIR MORTAR APPROVED FOR VERTICAL APPLICATIONS. SEE THE CONCRETE REPAIR PRODUCT SCHEDULE AND STRUCTURAL NOTES FOR ADDITIONAL INFORMATION.

NOTE: MUE18061201
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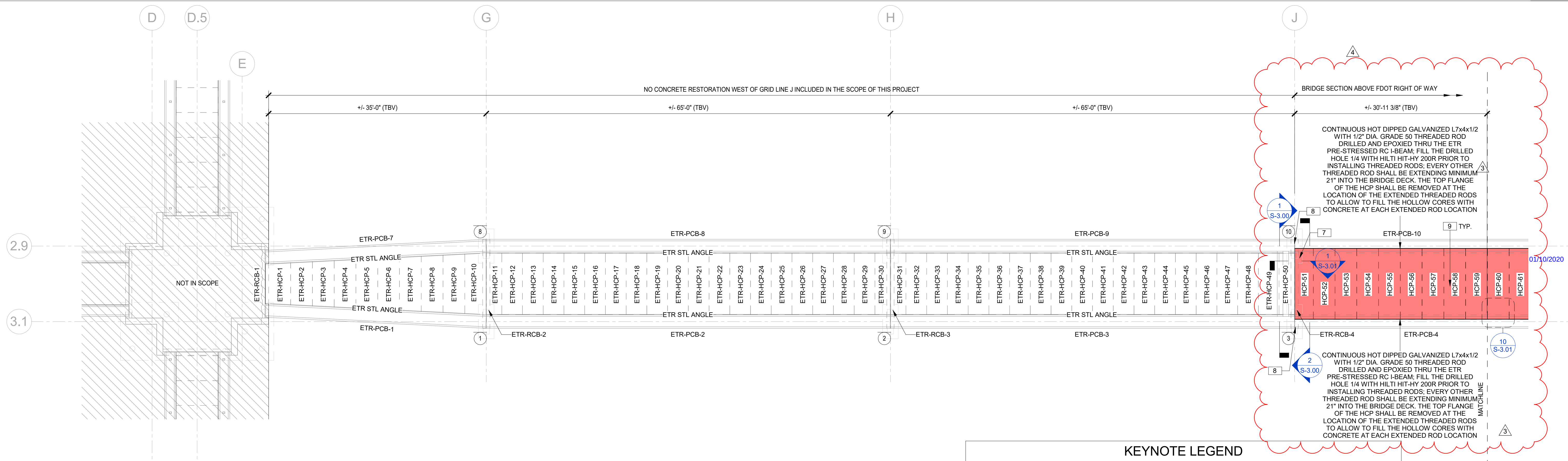
DATE: 08.06.2018

No.	Description	Date
2	GENERAL REVISIONS	08.21.18
3	GENERAL REVISIONS	10.28.19
4	FDOT COMMENTS	01.06.20

DRAWING:
**WALKWAY REPAIR
PLAN**

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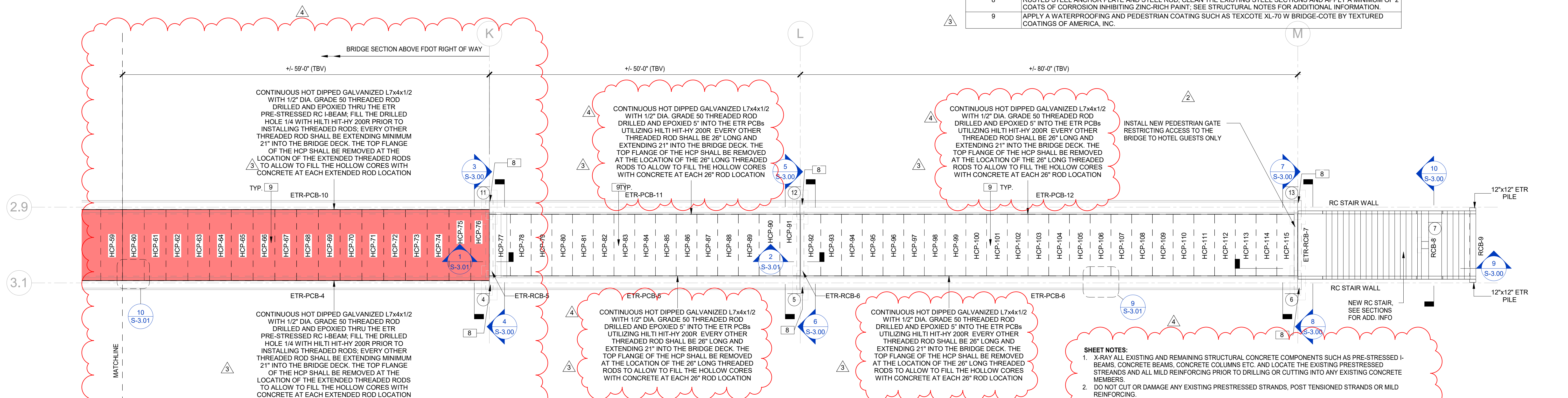


1 PARTIAL WALKWAY PLAN - WEST END

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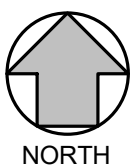


KEY VALUE	KEYNOTE TEXT
2	RUSTED STEEL ANGLE; CLEAN THE EXISTING STEEL ANGLE AND COAT IT WITH A MINIMUM OF 2 COATS OF CORROSION INHIBITING ZINC-RICH PAINT; SEE STRUCTURAL NOTES FOR ADDITIONAL INFORMATION.
4	CRACKED AND SPALLED CONCRETE COLUMN SECTION; REPAIR AS PER TYPICAL DETAILS AND NOTES INDICATED ON SHEET S-1.00
5	CRACKED AND SPALLED CONCRETE BEAM SECTION; REPAIR AS PER TYPICAL DETAILS AND NOTES INDICATED ON SHEET S-1.00
6	SEVERELY CRACKED AND SPALLED CONCRETE STAIR SECTIONS; DEMOLISH AND REPLACE THE EXISTING RC STAIR AS INDICATED ON THE PLANS AND SECTIONS
7	REMOVE TOPPING SLAB; REPAIR/REPLACE EXPANSION JOINT; POUR BACK THE TOPPING SLAB
8	RUSTED STEEL ANCHOR PLATE AND STEEL ROD; CLEAN THE EXISTING STEEL SECTIONS AND APPLY A MINIMUM OF 2 COATS OF CORROSION INHIBITING ZINC-RICH PAINT; SEE STRUCTURAL NOTES FOR ADDITIONAL INFORMATION.
9	APPLY A WATERPROOFING AND PEDESTRIAN COATING SUCH AS TEXCOTE XL-70 W BRIDGE-COTE BY TEXTURED COATINGS OF AMERICA, INC.



2 PARTIAL WALKWAY PLAN - EAST END

S-2.01/ 1/8" = 1'-0" IF PRINTED ON 24X36



- SHEET NOTES:**
- X-RAY ALL EXISTING AND REMAINING STRUCTURAL CONCRETE COMPONENTS SUCH AS PRE-STRESSED I-BEAMS, CONCRETE BEAMS, CONCRETE COLUMNS ETC. AND LOCATE THE EXISTING PRESTRESSED STRANDS AND ALL MILD REINFORCING PRIOR TO DRILLING OR CUTTING INTO ANY EXISTING CONCRETE MEMBERS.
 - DO NOT CUT OR DAMAGE ANY EXISTING PRESTRESSED STRANDS, POST-TENSIONED STRANDS OR MILD REINFORCING.
 - DAMAGED, CUT AND OR DRILLED THRU PRESTRESSED STRANDS, POST-TENSIONED STRANDS OR MILD REINFORCING MUST BE REPAIRED BY THE GC AT NO ADDITIONAL COST IF POSSIBLE OR REPLACED AT NO ADDITIONAL COST IF A REPAIR IS NOT STRUCTURALLY FEASIBLE AS PER MUENGINEERS ASSESSMENT.
 - SLAB CONTRACTION JOINTS ARE REQUIRED AND ARE INDICATED AS C.J. ON PLAN. CONTRACTION JOINTS MAY BE TOOLED OR SAW CUT. THE CONTROL JOINTS SHALL BE INSTALLED AS SOON AS THE CONCRETE IS WALKABLE BUT NO LONGER THAN FOUR HOURS OF PLACING THE CONCRETE. CONTRACTION JOINT LOCATION SHOWN MAY BE CHANGED AS REQUIRED FOR CONSTRUCTION SEQUENCING PROVIDED: THE MAXIMUM DISTANCE BETWEEN JOINTS IS LESS THAN 20' 6M; THE SLAB AREA BETWEEN JOINTS IS LESS THAN 400 SQUARE FEET / 36 SQUARE METERS; THE BOUNDED AREA IS AS SQUARE AS POSSIBLE AND IN NO CASE THE RATIO OF LONG SIDE TO SHORT SIDE EXCEED 1.5.
 - EXTERIOR WALKWAYS AND BALCONIES WHICH ARE TO REMAIN EXPOSED SHALL HAVE A CLEAR NON-FLAMMABLE, WATERPROOF MEMBRANE SUCH AS HYDROZO ENVIROSEAL 20 PENETRATING CONCRETE SEALER APPLIED TO THE TOP SURFACE OF THE CONCRETE.
 - HCP - INDICATES 6" HOLLOW CORE PRECAST CONCRETE PLANKS. PLANKS SHALL BE TOPPED WITH A 2" CONCRETE SLAB REINFORCED WITH GALVANIZED 6" X 6" - W1.4 X W1.4 WWF.
 - REINFORCING BARS SHOWN ON PLANS AS SOLID LINES ARE TOP BARS AND BARS SHOWN AS DASHED LINES ARE BOTTOM BARS UNLESS SPECIFICALLY SHOWN OTHERWISE.
 - APPLY A NEW WATERPROOFING AND PEDESTRIAN COATING SYSTEM SUCH AS MASTERPROTECT HB 400DOT (OR EOR APPROVED ALTERNATE) ON TOP OF THE EXISTING AND NEW TOPPING SLAB

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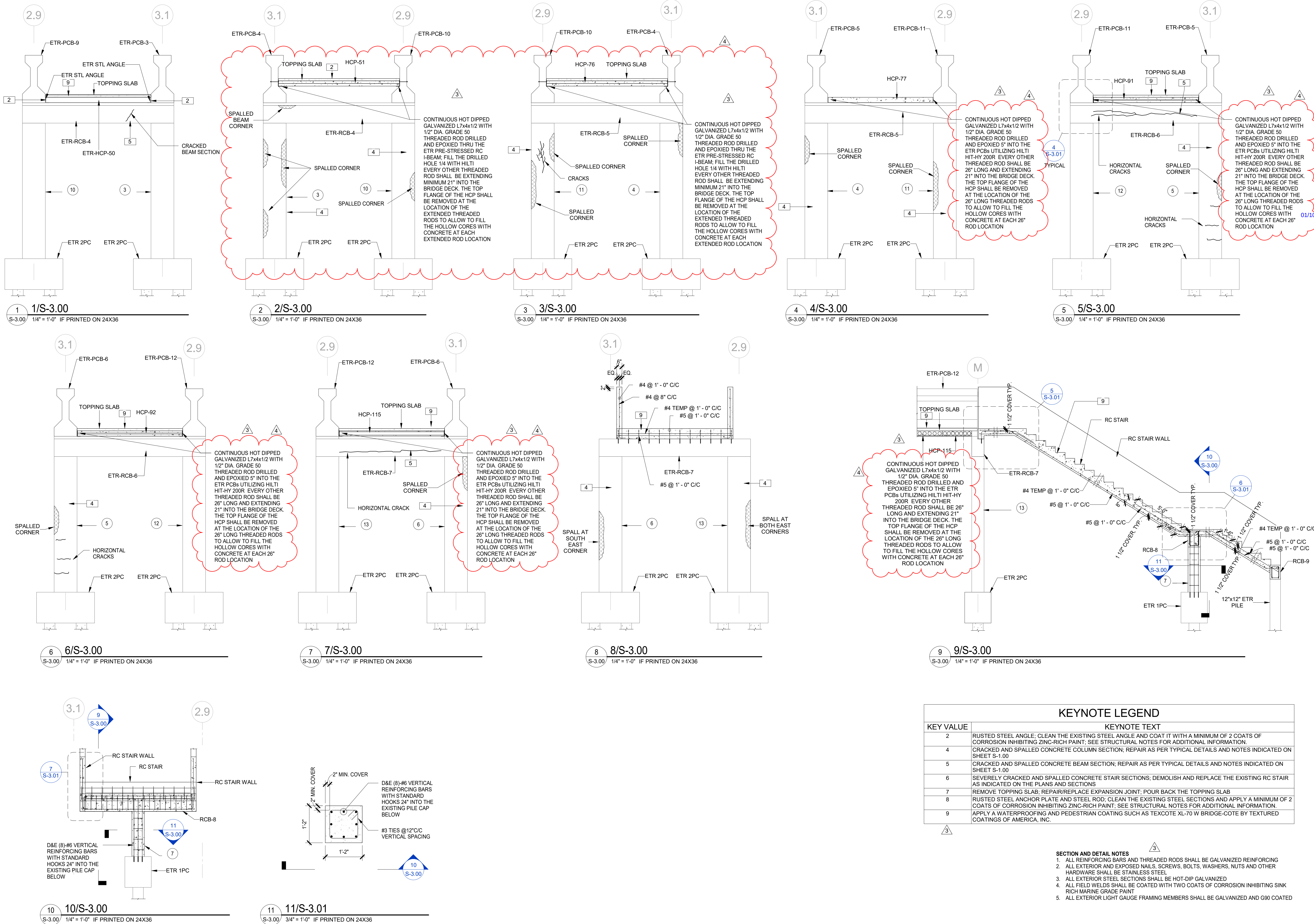
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4	FDOT COMMENTS	01.06.20

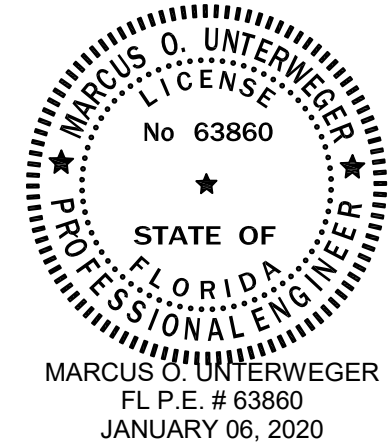
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DATE: 08.06.2018

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4	FDOT COMMENTS	01.06.20

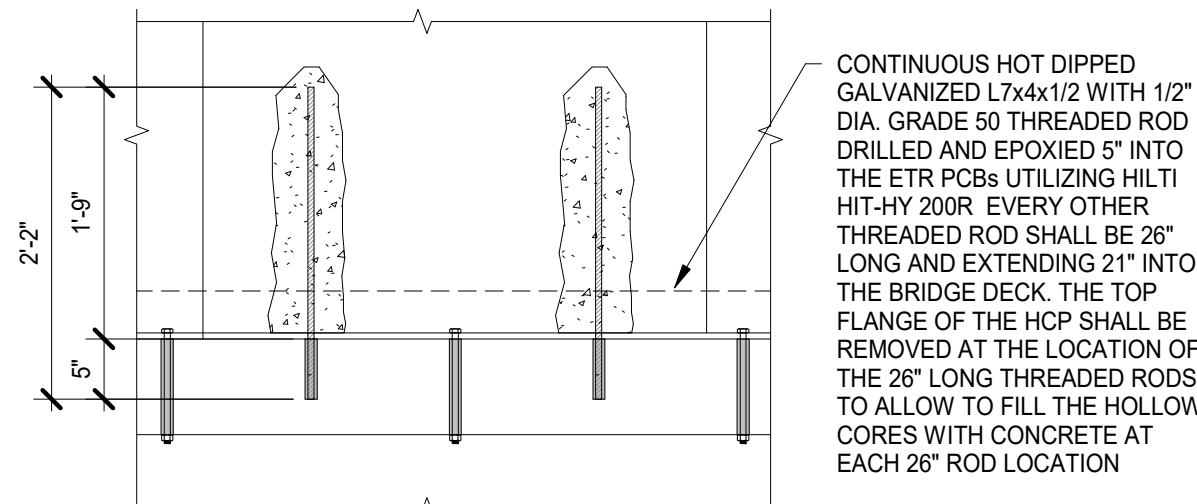
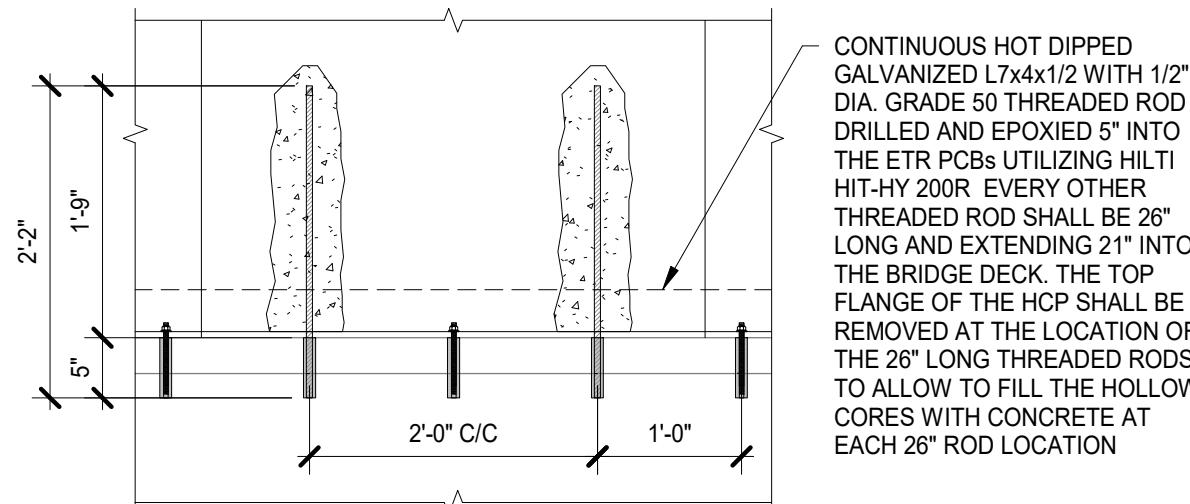
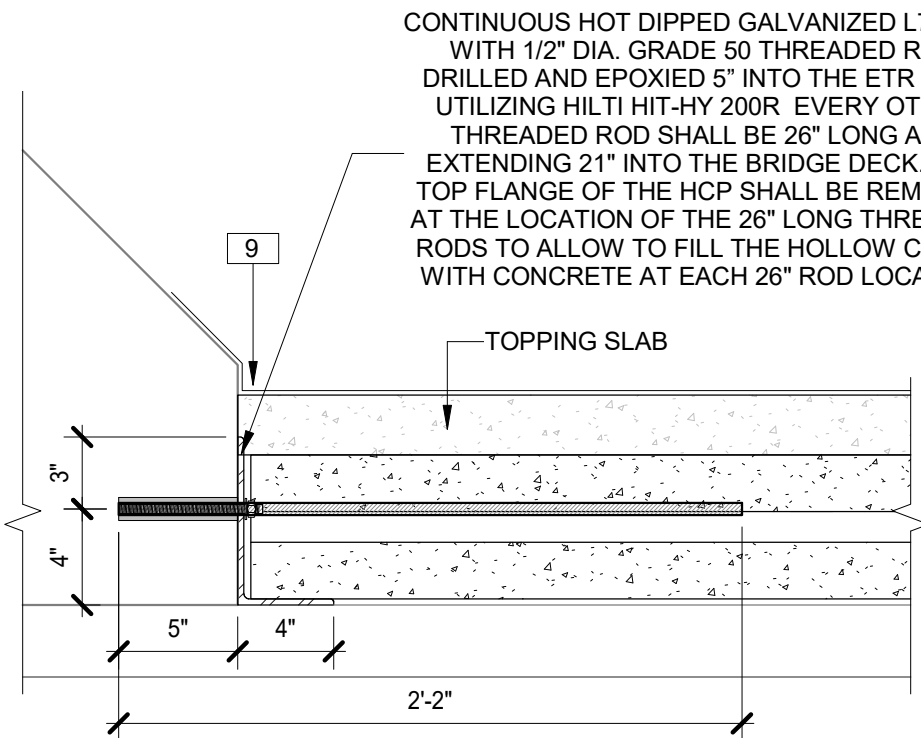
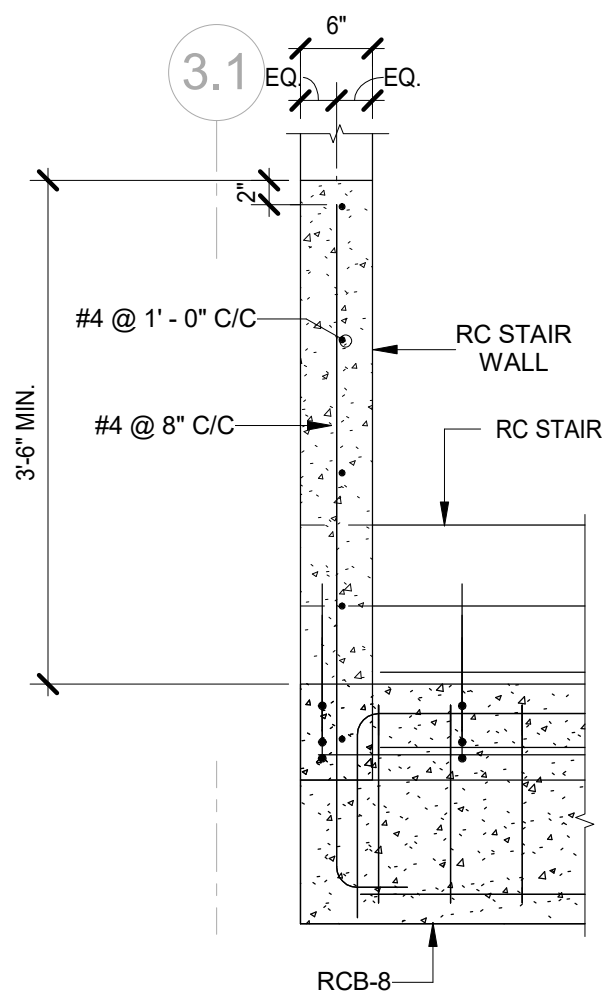
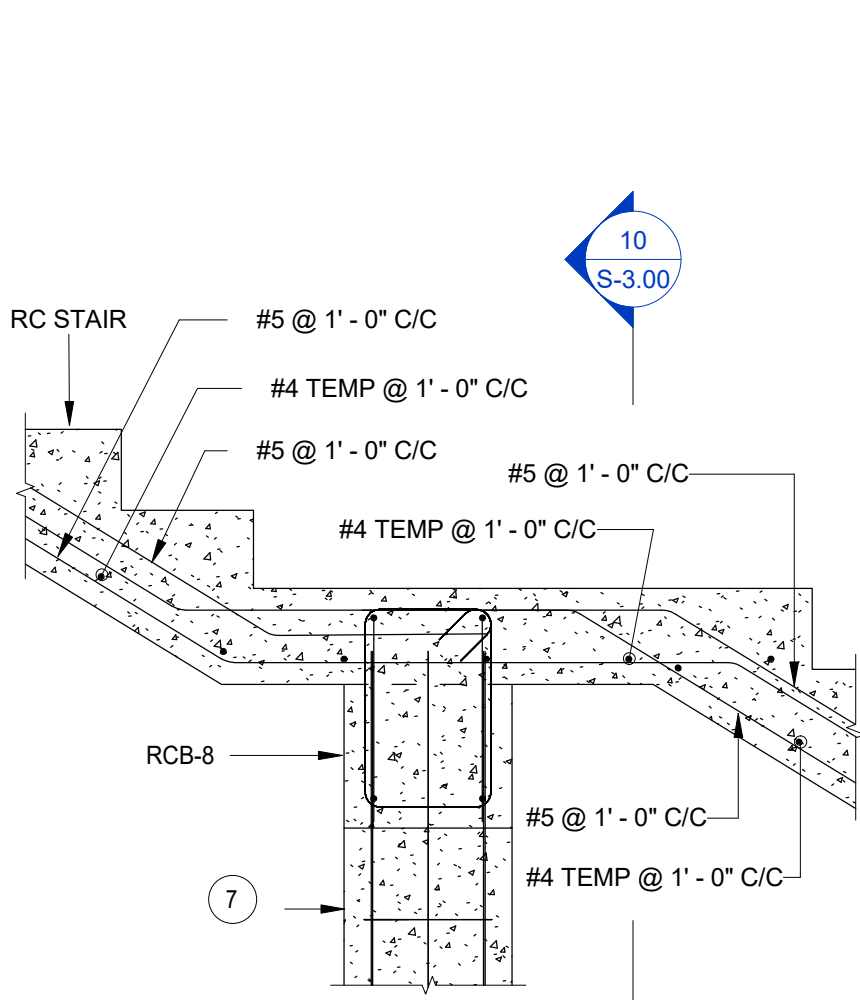
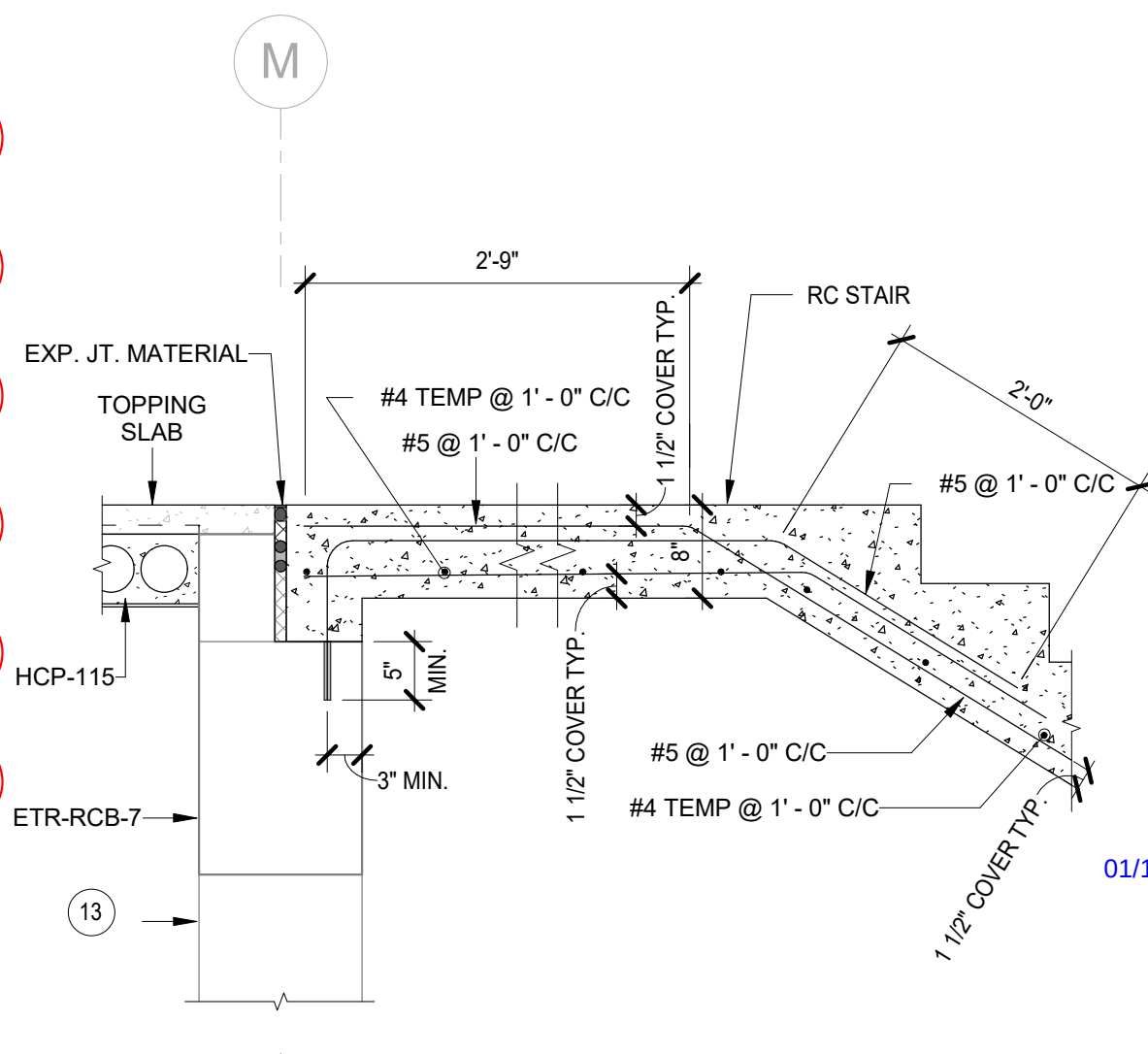
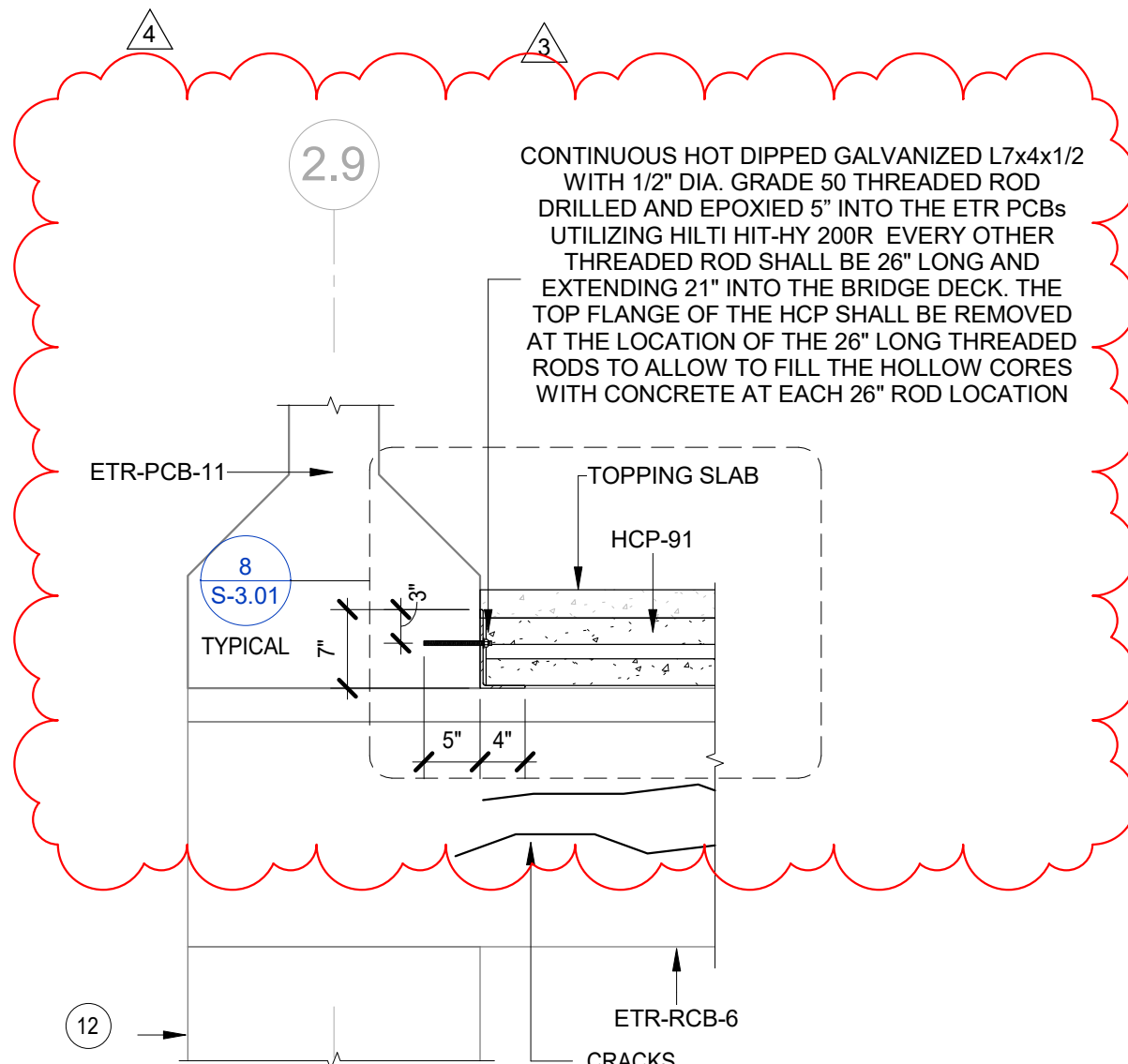
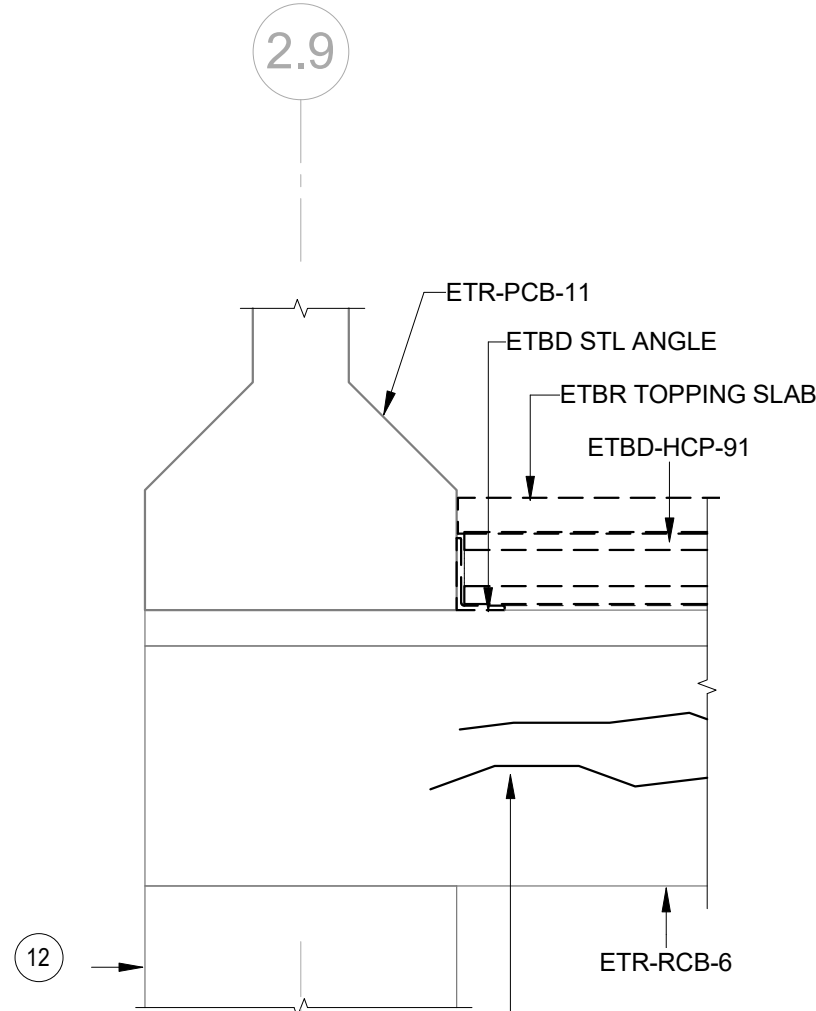
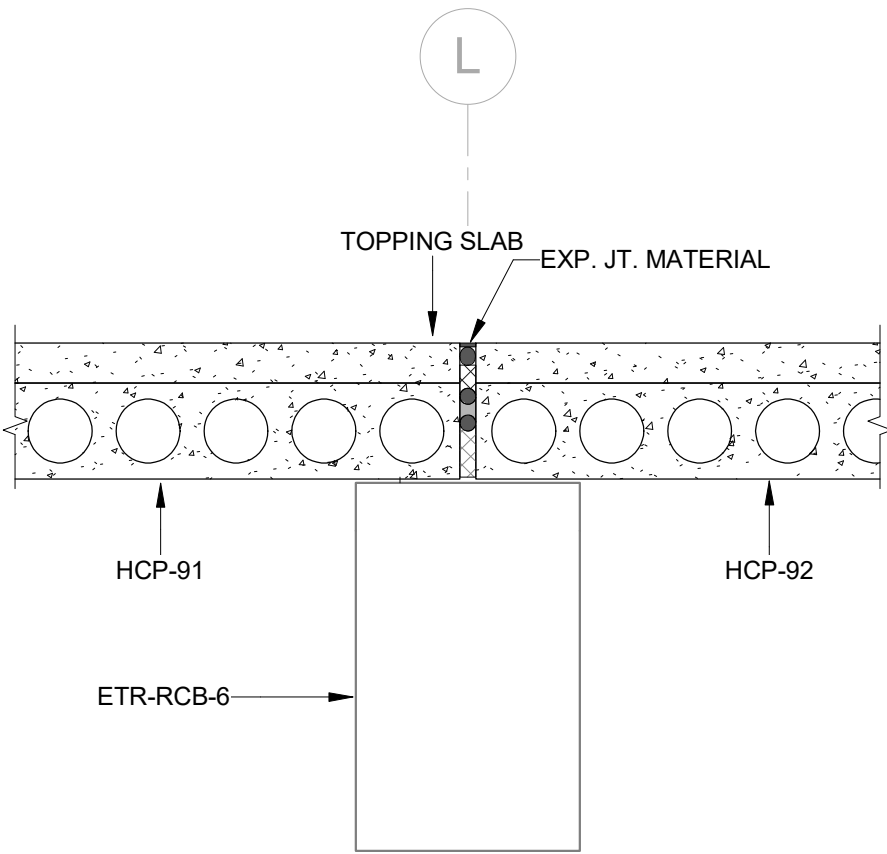
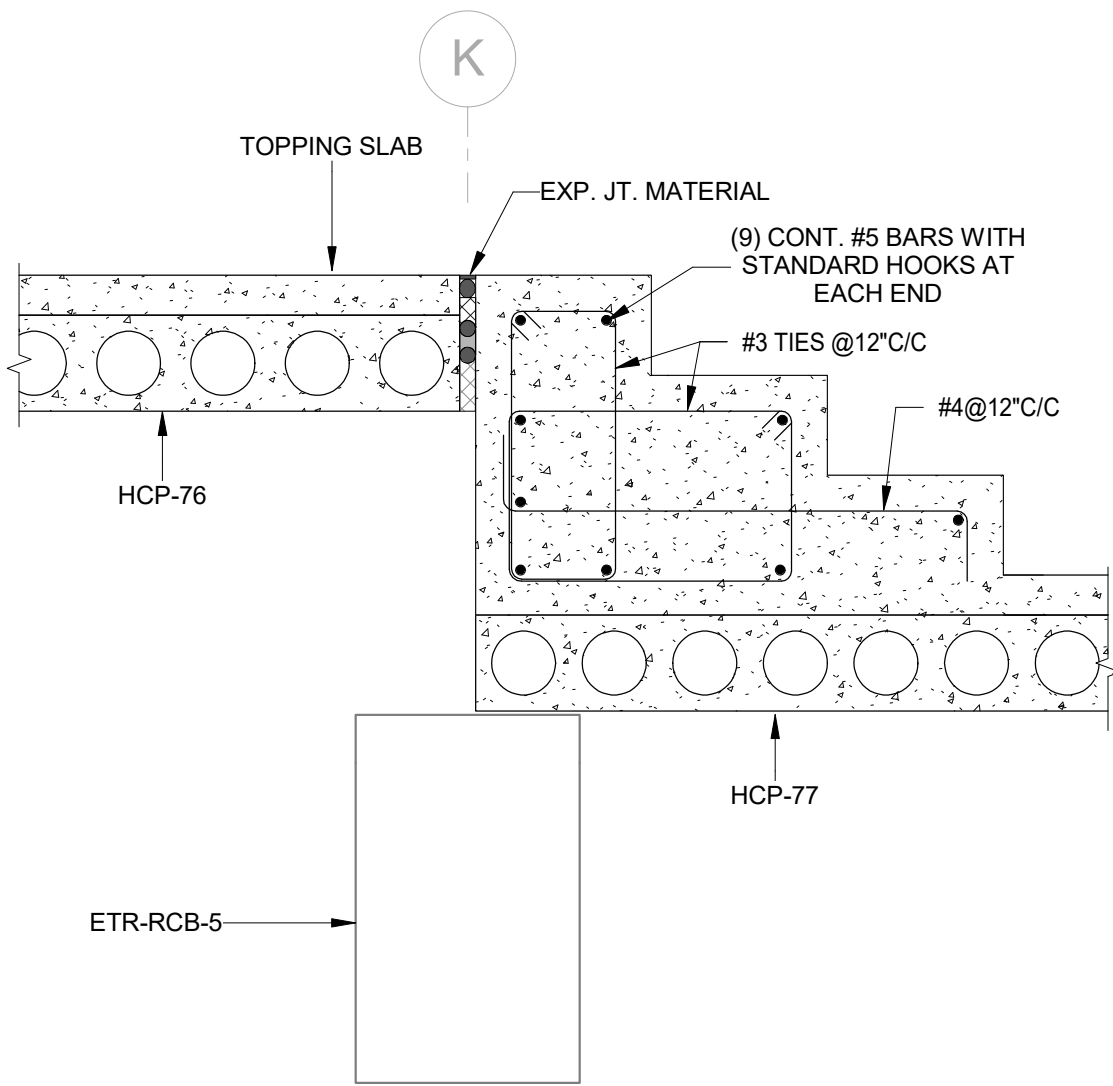
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**SECTION AND
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ETBD BRIDGE PLANK SCHEDULE					
IDENTITY MARK	TYPE DESCRIPTION	TYPE COMMENTS	IDENTITY COMMENTS	PHASE CREATED	PHASE DEMOLISHED
ETBD-HCP-51	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-52	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-53	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-54	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-55	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-56	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-57	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-58	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-59	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-60	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-61	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-62	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-63	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-64	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-65	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-66	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-67	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-68	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-69	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-70	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-71	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-72	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-73	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-74	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-75	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-76	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-77	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-78	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-79	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-80	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-81	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-82	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-83	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-84	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-85	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-86	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-87	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-88	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-89	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-90	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-91	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-92	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-93	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-94	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-95	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-96	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-97	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-98	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-99	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-100	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-101	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-102	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-103	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-104	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-105	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-106	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-107	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-108	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-109	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-110	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-111	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-112	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-113	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-114	6" HCP		5	EXISTING	DEMOLITION
ETBD-HCP-115	6" HCP		5	EXISTING	DEMOLITION

ETR BRIDGE PLANK SCHEDULE					
IDENTITY MARK	TYPE DESCRIPTION	TYPE COMMENTS	IDENTITY COMMENTS	PHASE CREATED	PHASE DEMOLISHED
ETR-HCP-1	6" HCP	1	2	EXISTING	None
ETR-HCP-2	6" HCP	1	2	EXISTING	None
ETR-HCP-3	6" HCP	1	2	EXISTING	None
ETR-HCP-4	6" HCP	1	2	EXISTING	None
ETR-HCP-5	6" HCP	1	2	EXISTING	None
ETR-HCP-6	6" HCP	1	2	EXISTING	None
ETR-HCP-7	6" HCP	1	2	EXISTING	None
ETR-HCP-8	6" HCP	1	2	EXISTING	None
ETR-HCP-9	6" HCP	1	2	EXISTING	None
ETR-HCP-10	6" HCP	1	2	EXISTING	None
ETR-HCP-11	6" HCP	1	2	EXISTING	None
ETR-HCP-12	6" HCP	1	2	EXISTING	None
ETR-HCP-13	6" HCP	1	2	EXISTING	None
ETR-HCP-14	6" HCP	1	2	EXISTING	None
ETR-HCP-15	6" HCP	1	2	EXISTING	None
ETR-HCP-16	6" HCP	1	2	EXISTING	None
ETR-HCP-17	6" HCP	1	2	EXISTING	None
ETR-HCP-18	6" HCP	1	2	EXISTING	None
ETR-HCP-19	6" HCP	1	2	EXISTING	None
ETR-HCP-20	6" HCP	1	2	EXISTING	None
ETR-HCP-21	6" HCP	1	2	EXISTING	None
ETR-HCP-22	6" HCP	1	2	EXISTING	None
ETR-HCP-23	6" HCP	1	2	EXISTING	None
ETR-HCP-24	6" HCP	1	2	EXISTING	None
ETR-HCP-25	6" HCP	1	2	EXISTING	None
ETR-HCP-26	6" HCP	1	2	EXISTING	None
ETR-HCP-27	6" HCP	1	2	EXISTING	None
ETR-HCP-28	6" HCP	1	2	EXISTING	None
ETR-HCP-29	6" HCP	1	2	EXISTING	None
ETR-HCP-30	6" HCP	1	2	EXISTING	None
ETR-HCP-31	6" HCP	1	2	EXISTING	None
ETR-HCP-32	6" HCP	1	2	EXISTING	None
ETR-HCP-33	6" HCP	1	2	EXISTING	None
ETR-HCP-34	6" HCP	1	2	EXISTING	None
ETR-HCP-35	6" HCP	1	2	EXISTING	None
ETR-HCP-36	6" HCP	1	2	EXISTING	None
ETR-HCP-37	6" HCP	1	2	EXISTING	None
ETR-HCP-38	6" HCP	1	2	EXISTING	None
ETR-HCP-39	6" HCP	1	2	EXISTING	None
ETR-HCP-40	6" HCP	1	2	EXISTING	None
ETR-HCP-41	6" HCP	1	2	EXISTING	None
ETR-HCP-42	6" HCP	1	2	EXISTING	None
ETR-HCP-43	6" HCP	1	2	EXISTING	None
ETR-HCP-44	6" HCP	1	2	EXISTING	None
ETR-HCP-45	6" HCP	1	2	EXISTING	None
ETR-HCP-46	6" HCP	1	2	EXISTING	None
ETR-HCP-47	6" HCP	1	2	EXISTING	None
ETR-HCP-48	6" HCP	1	2	EXISTING	None
ETR-HCP-49	6" HCP	1	2	EXISTING	None
ETR-HCP-50	6" HCP	1	2	EXISTING	None

NEW BRIDGE PLANK SCHEDULE					
IDENTITY MARK	TYPE DESCRIPTION	TYPE COMMENTS	IDENTITY COMMENTS	PHASE CREATED	PHASE DEMOLISHED
HCP-51	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-52	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-53	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-54	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-55	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-56	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-57	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-58	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-59	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-60	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-61	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-62	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-63	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-64	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-65	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-66	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-67	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-68	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-69	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-70	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-71	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-72	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-73	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-74	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-75	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-76	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-77	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-78	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-79	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-80	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-81	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-82	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-83	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-84	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-85	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-86	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-87	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-88	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-89	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-90	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-91	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-92	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-93	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-94	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-95	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-96	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-97	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-98	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-99	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-100	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-101	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-102	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-103	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-104	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-105	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-106	6" HCP	3	4	NEW CONSTRUCTION	None
HCP-107	6" HCP	3			



BAHIA MAR WALKWAY
801 Seabreeze Blvd
Fort Lauderdale, FL 33316

DATE:	08.06.2018
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DETAILS AND VIEWS ON THIS SHEET ARE TO SCALE INDICATED WHEN PRINTED ON A 24"x36" SIZE SHEET.