



Florida Department of Transportation

719 S. Woodland Boulevard
DeLand, Florida 32720-6834

RICK SCOTT
GOVERNOR

Mike Dew
SECRETARY

Addendum 2

ADVERTISEMENT NUMBER: RFP-DOT-17-18-5008-SQZ
DESCRIPTION: Sunrail Quiet Zone – Special Pavement Markings
DATE: March 12, 2018

You are hereby notified that the above referenced Request for Proposal (RFP) is modified as follows:

Exhibit A, Scope of Services has been modified. Pages 10, 13, and 14 of the Plans have been replaced in their entirety and the Technical Special Provision of the Supplemental Specification Package has been replaced in its entirety. An updated Exhibit A is attached to this Addendum 2.

Section 2) TIMELINE of the above mentioned RFP has been changed as follows:

ACTION / LOCATION	DATE	LOCAL TIME
DEADLINE FOR ALL QUESTIONS	4-9-2018	5:00 PM
QUESTIONS AND ANSWERS POSTED TO VBS	4-11-2018	5:00 PM
PROPOSALS DUE, ON OR BEFORE (Technical and Price Proposal)	4-17-2018	2:00 PM
PUBLIC OPENING (Price Proposal And Technical Proposal of lowest bidder)	4-17-2018	2:00 PM
PUBLIC MEETING OF TRC AND ADVISORS TO DETERMINE PASS/FAIL RECOMMENDATION	4-24-2018	3:00 PM
SELECTION MEETING	4-30-2018	9:00 AM
POSTING OF INTENDED AWARD	4-30-2018	1:00 PM

TO ACKNOWLEDGE RECEIPT OF THIS NOTICE AND ALL CHANGES, PLEASE SIGN AND RETURN BY E-FAX TO THIS OFFICE @ (850) 412-8092 PRIOR TO April 17, 2017 at 2:00PM

Name of Company: _____

Authorized Signature: _____ Date: _____

FAILURE TO FILE A PROTEST WITHIN THE TIME PRESCRIBED IN SECTION 120.57(3), F.S. SHALL CONSTITUTE A WAIVER OF PROCEEDINGS UNDER CHAPTER 120, F.S.

**State of Florida
Department of Transportation**



**Exhibit A, Scope of Services,
Plans and Specifications
SunRail Quiet Zone – Special
Pavement Markings**

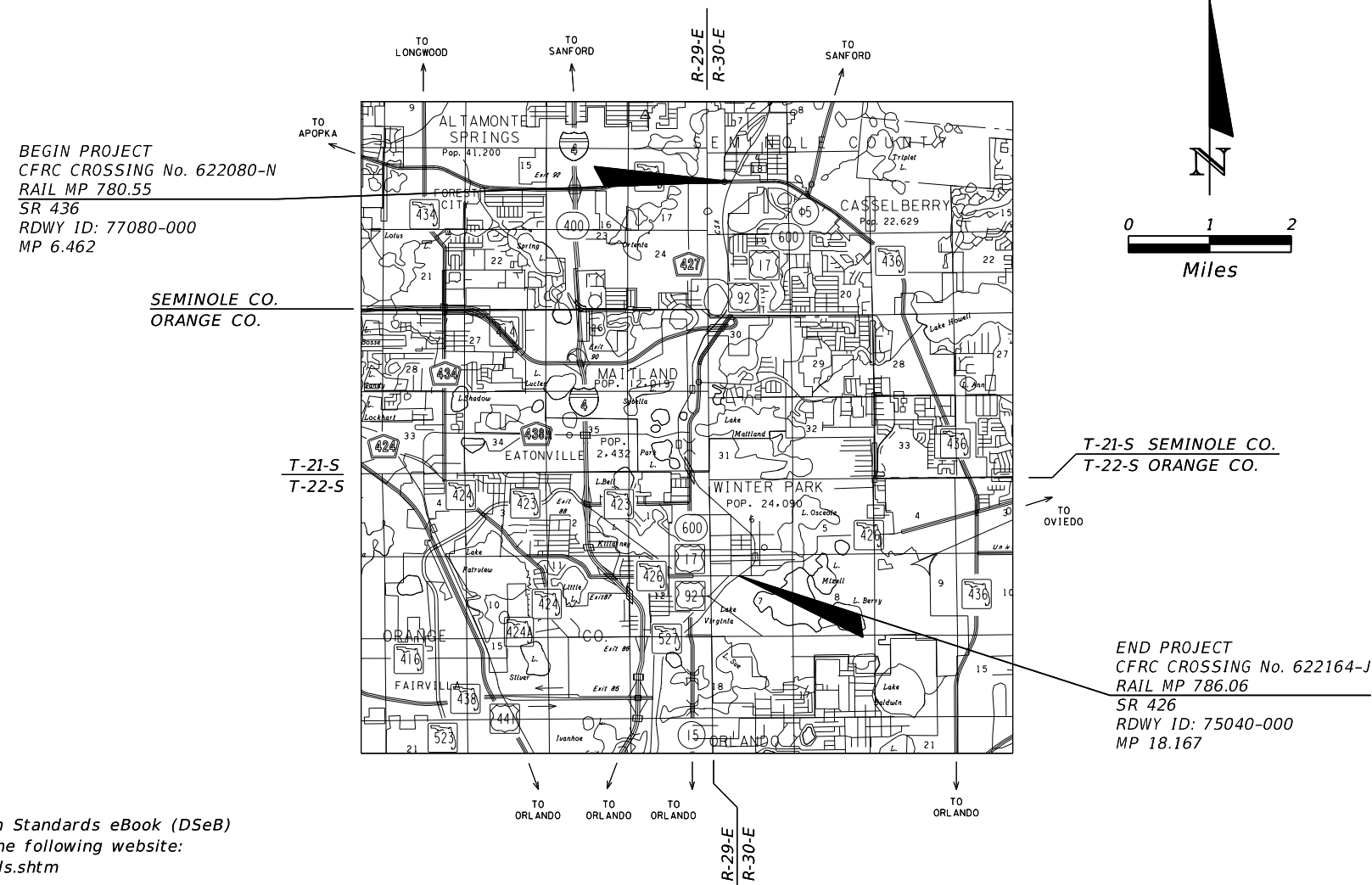
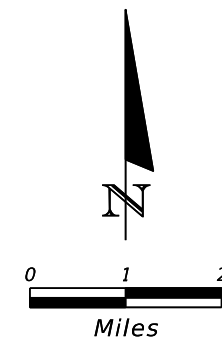
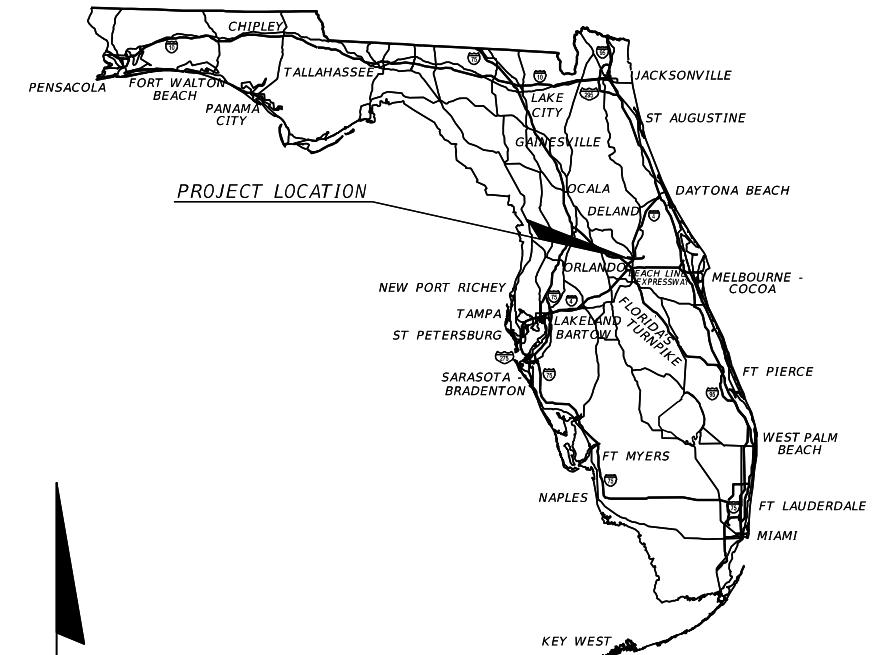
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 427956-1-72-27
ORANGE COUNTY 75040 (SR 426)
SEMINOLE COUNTY 77080 (SR 436)
CENTRAL FLORIDA RAIL CORRIDOR (CFRC)

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
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7	ROADWAY PLAN
8-9	STORMWATER POLLUTION PREVENTION PLAN
10-12	TRAFFIC CONTROL PLAN
13-14	SIGNING AND MARKING PLAN



BEGIN PROJECT
CFRC CROSSING No. 622080-N
RAIL MP 780.55
SR 436
RDWY ID: 77080-000
MP 6.462

SEMINOLE CO.
ORANGE CO.

T-21-S
T-22-S

T-21-S SEMINOLE CO.
T-22-S ORANGE CO.

END PROJECT
CFRC CROSSING No. 622164-J
RAIL MP 786.06
SR 426
RDWY ID: 75040-000
MP 18.167

ROADWAY PLANS
ENGINEER OF RECORD:

MATTHEW S. ROSS, P.E. NO.: 56977
HNTB CORPORATION
610 CRESCENT EXECUTIVE COURT
SUITE 400
LAKE MARY, FL 32746
(407) 805-0355
CONTRACT NO.: C-9L04
VENDOR NO.: VF431623092001
CERT. OF AUTH. NO.: 6500

FDOT PROJECT MANAGER:

ASHRAF A. ELMAGHRABY, M.Sc., P.E.

GOVERNING DESIGN STANDARDS:

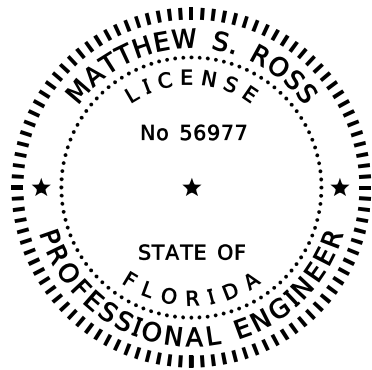
Florida Department of Transportation, FY2017-18 Design Standards eBook (DSeB) and applicable Design Standards Revisions (DSRs) at the following website: <http://www.fdot.gov/roadway/DesignStandards/Standards.shtm>

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, January 2018 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/implemented/SpecBooks>

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	18	1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



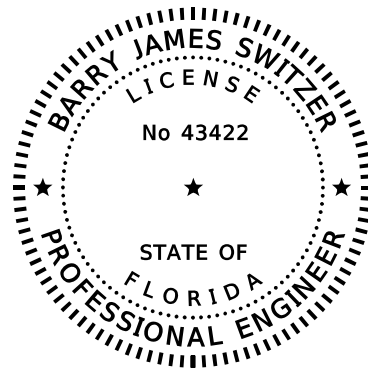
THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. THE SIGNATURE MUST BE VERIFIED ON THE ELECTRONIC DOCUMENTS.

HNTB CORPORATION
610 CRESCENT EXECUTIVE CT, SUITE 400
LAKE MARY, FL 32746
CERTIFICATE OF AUTHORIZATION: 6500
MATTHEW ROSS, P.E. NO. 56977

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
1	KEY SHEET
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
4-6	GENERAL NOTES
7	ROADWAY PLAN
10-12	TRAFFIC CONTROL PLAN



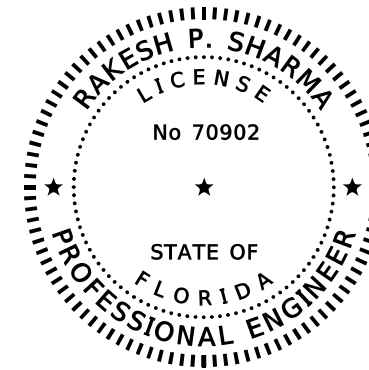
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HNTB CORPORATION
610 CRESCENT EXECUTIVE CT, SUITE 400
LAKE MARY, FL 32746
CERTIFICATE OF AUTHORIZATION: 6500
BARRY JAMES SWITZER, P.E. NO. 43422

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
2	SIGNATURE SHEET
8-9	STORMWATER POLLUTION PREVENTION PLAN



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HNTB CORPORATION
610 CRESCENT EXECUTIVE CT, SUITE 400
LAKE MARY, FL 32746
CERTIFICATE OF AUTHORIZATION: 6500
RAKESH P. SHARMA, P.E. NO. 70902

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
2	SIGNATURE SHEET
13-14	SIGNING AND MARKING PLAN

REVISIONS				HNTB CORPORATION 610 CRESCENT EXECUTIVE COURT SUITE 400, LAKE MARY, FL 32746 (407) 805-0355 CERT. OF AUTH. NO. 6500	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					CFRC	ORANGE / SEMINOLE	427956-1-72-27	

SIGNATURE SHEET

09/28/2017 12:43:07 PM

FLORIDA DEPARTMENT OF TRANSPORTATION PROPOSAL SUMMARY OF PAY ITEMS FOR PROPOSAL:						
LEAD PROJECT : 427956-1-72-27			DISTRICT : 05	COUNTY/SECTION :		
PROJECT(S) : 42795617227			COUNTY : ORANGE/SEMINOLE			
0001 SUMMARY OF PAVEMENT STRIPING (LARGE MACHINE) (LM)						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	42795617227	QUANTITY TOTAL
		0999- 2-	LUMP SUM CONTRACT, ALTERNATIVE BIDDING	LS	1.000	1.000

REVISIONS				ENGINEER OF RECORD: MATTHEW S. ROSS P.E. NO.: 56977 HNTB CORPORATION 610 CRESCENT EXECUTIVE COURT SUITE 400, LAKE MARY, FL 32746 (407) 805-0355 CERT. OF AUTH. NO. 6500	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		3
					CFRC	ORANGE / SEMINOLE	427956-1-72-27		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

GENERAL NOTES

- BENCHMARK DATUM USED FOR THE PLANS IS THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- EXISTING RIGHT-OF-WAY, TOPOGRAPHICAL FEATURES, CENTERLINE OF RAIL, AND BASELINE OF CONSTRUCTION INFORMATION WAS OBTAINED FROM FDOT FPID: 412994-4 AND USED AS A BASIS FOR THESE PLANS.
- THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh, AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
- NON-LOCATED/UNMARKED FDOT ITS FACILITIES, INCLUDING FIBER OPTIC COMMUNICATION AND TRAFFIC CONTROL SIGNAL LOOPS/DEVICES, MAY BE LOCATED WITHIN THE PROJECT LIMITS; MAKE TEMPORARY REPAIRS TO ANY DAMAGE TO A FACILITY WITHIN FOUR (4) HOURS OF THE OCCURRENCE. IF ASSISTANCE IS REQUIRED REGARDING ITS FACILITIES, CONTACT THE FDOT TRAFFIC OPERATIONS ITS MANAGER AT (386) 943-5000.

5. UTILITY CONTACTS:

SR 436		
COMPANY	CONTACT	TELEPHONE NUMBER
AT&T CORP/PEA	GREG JACOBSON	813-342-0512
CENTURY LINK	MARLON BROWN	863-452-3132
CHARTER COMMUNICATIONS	MARVIN USRY	407-532-8509
CITY OF ALTAMONTE SPRINGS	ED TORRES	407-571-8337
DUKE ENERGY FLORIDA, INC-DISTRIBUTION	ROBB BROWN	352-459-4671
FPL FIBERNET	VICTOR CORTORREAL	904-854-6139
LEVEL 3 COMMUNICATIONS, LLC	NETWORK RELATIONS	877-366-8344x2
SEMINOLE COUNTY	JAMES MONAHAN	407-655-5658
TECO PEOPLES GAS	BRUCE STOUT	407-420-2678
VERIZON BUSINESS	THOMAS CLARK	918-590-9903

SR 426		
COMPANY	CONTACT	TELEPHONE NUMBER
CENTURY LINK	MARLON BROWN	863-452-3132
CHARTER COMMUNICATIONS	MARVIN USRY	407-532-8509
CITY OF WINTER PARK- ELECTRIC	JERRY WARREN	407-599-3233
CITY OF WINTER PARK- WATER/ WASTEWATER	DAVID ZUSI	407-599-3233
ORLANDO TELEPHONE COMPANY	BILL LEAN	407-595-7329
TECO PEOPLES GAS	BRUCE STOUT	407-420-2678
VERIZON BUSINESS	THOMAS CLARK	918-590-9903

- THE INTENT OF THE PROPOSED DESIGN IS TO MAINTAIN EXISTING LANE WIDTHS AND LANE LINES. FIELD ADJUSTMENTS MAY BE REQUIRED.
- A "SPECIAL EVENT" IS DEFINED AS A FESTIVAL, FAIR, RUN, RACE, MOTORCADE, PARADE, CIVIC ACTIVITY, CULTURAL ACTIVITY, CHARITY OR FUND DRIVE, SPORTING EVENT OR SIMILAR ACTIVITY THAT COULD BE NEGATIVELY IMPACTED AS A RESULT OF THE WORK. SPECIAL EVENTS INCLUDE, BUT ARE NOT LIMITED TO, MAGIC BASKETBALL GAMES, AND EVENTS AT THE CAMPING WORLD STADIUM, AMWAY CENTER, AND THE DR. PHILLIPS CENTER FOR THE PERFORMING ARTS.

8. THE FOLLOWING TRAFFIC MONITORING SITES ARE WITHIN ONE-HALF MILE OF THE PROJECT LIMITS:

- SR 436
 TRAFFIC MONITORING SITE SITE NUMBER 770106, ROADWAY IDENTIFICATION NUMBER 77080-000, MP 6.601
 SITE INCLUDES VEHICLE DETECTORS IN ROADWAY AND BASE MOUNTED CABINET.
- TRAFFIC MONITORING SITE SITE NUMBER 775071, ROADWAY IDENTIFICATION NUMBER 77080-000, MP 6.339
 SITE INCLUDES VEHICLE DETECTORS IN ROADWAY AND BASE MOUNTED CABINET.
- SR 426
 TRAFFIC MONITORING SITE SITE NUMBER 750176, ROADWAY IDENTIFICATION NUMBER 75040-000, MP 18.279
 SITE INCLUDES VEHICLE DETECTORS IN ROADWAY AND BASE MOUNTED CABINET.
- TRAFFIC MONITORING SITE SITE NUMBER 755072, ROADWAY IDENTIFICATION NUMBER 75006-000, MP 1.572
 SITE INCLUDES VEHICLE DETECTORS IN ROADWAY AND BASE MOUNTED CABINET.
- TRAFFIC MONITORING SITE SITE NUMBER 755075, ROADWAY IDENTIFICATION NUMBER 75090-000, MP 0.200
 SITE INCLUDES VEHICLE DETECTORS IN ROADWAY AND BASE MOUNTED CABINET.
- TRAFFIC MONITORING SITE SITE NUMBER 755071, ROADWAY IDENTIFICATION NUMBER 75006-000, MP 1.204
 SITE INCLUDES ROAD TUBES.
- TRAFFIC MONITORING SITE SITE NUMBER 758038, ROADWAY IDENTIFICATION NUMBER 75000-051, MP 0.500
 SITE INCLUDES OFF SYSTEM ROAD TUBES.
- TRAFFIC MONITORING SITE SITE NUMBER 758037, ROADWAY IDENTIFICATION NUMBER 75000-050, MP 0.500
 SITE INCLUDES OFF SYSTEM ROAD TUBES.

CONTACT THE FDOT DISTRICT TRAFFIC DATA SECTION MANAGER, CHERYL BURKE, AT 386-943-5000.

REVISIONS				ENGINEER OF RECORD: MATTHEW S. ROSS P.E. NO.: 56977 HNTB CORPORATION 610 CRESCENT EXECUTIVE COURT SUITE 400, LAKE MARY, FL 32746 (407) 805-0355 CERT. OF AUTH. NO. 6500	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					CFRC	ORANGE / SEMINOLE	427956-1-72-27	

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GENERAL NOTES

RAIL NOTES

1. REPORT ALL RAILROAD EMERGENCY
SUNRAIL OPERATIONS AND CONTROL CENTER
1-877-235-7245
(1-877-CFL-RAIL)

2. SAFETY AWARENESS TRAINING AND SECURITY CLEARANCE:
SAFETY AWARENESS TRAINING AND SECURITY CLEARANCE IS REQUIRED FOR ALL PERSONNEL REQUIRING ACCESS TO THE CENTRAL FLORIDA RAIL CORRIDOR (CFRC) RAILROAD CORRIDOR. THIS TRAINING AND CLEARANCE CAN OCCUR PRIOR TO SCHEDULING THE PROJECT. ALL TRAINING MUST BE COMPLETE PRIOR TO THE DAY OF BEGINNING CONSTRUCTION.

ALL WORKERS ON THE CORRIDOR SHALL DISPLAY THE APPROPRIATE PHOTO IDENTIFICATION BADGE ISSUED BY THE DEPARTMENT VENDOR THAT PROVIDES THESE SERVICES ON BEHALF OF THE DEPARTMENT.

THE DEPARTMENT'S POLICY REGARDING BACKGROUND INVESTIGATIONS FOR THOSE INDIVIDUALS WHO REQUIRE AUTHORIZATION TO ENTER THE CFRC IS AS FOLLOWS:

"NO PERSON, WHETHER EMPLOYED BY VENDOR, CONTRACTOR, PERMIT HOLDER, ETC., AS APPLICABLE, OR A SUBCONTRACTOR OR SUPPLIER, MAY WORK WITHIN THE CENTRAL FLORIDA RAIL CORRIDOR (RAILROAD RIGHT OF WAY) UNLESS THAT PERSON HAS CLEARED A REASONABLE BACKGROUND CHECK WITHIN A REASONABLE TIME PRIOR TO BEGINNING WORK. UPON REQUEST FROM THE DEPARTMENT, VENDOR, CONTRACTOR, PERMIT HOLDER, ETC., AS APPLICABLE, SHALL PROVIDE WRITTEN DOCUMENTATION THAT THE PERSON CLEARED SAID BACKGROUND CHECK."

NOTE: THE DEPARTMENT IS NO LONGER REQUIRING WORKERS TO OBTAIN A BACKGROUND INVESTIGATION THROUGH E-RAILSAFE / E-VERIFILE. THE DEPARTMENT IS NO LONGER UNDER CONTRACT WITH E-RAILSAFE / E-VERIFILE.

IF A WORKER HOLDS A CURRENT CFRC E-RAILSAFE BADGE, THOSE CREDENTIALS ARE SUFFICIENT FOR AUTHORIZATION TO ENTER THE CFRC, UNTIL THE EXPIRATION DATE OF THE E-RAILSAFE BADGE.

3. ROADWAY WORKER PROTECTION TRAINING:
ROADWAY WORKER PROTECTION (RWP) TRAINING IS REQUIRED FOR ALL PERSONNEL WORKING WITHIN 25 FEET OF THE NEAREST RAIL WITHIN THE CFRC RAILROAD CORRIDOR. ALL WORKERS ON THE CORRIDOR SHALL CARRY ON THEIR PERSON AT ALL TIMES THE APPROPRIATE CERTIFICATION FOR ROADWAY WORKER PROTECTION TRAINING WHEN ON THE CORRIDOR.
RWP TRAINING WILL BE PROVIDED BY BOMBARDIER TRANSPORTATION NORTH AMERICA (BTNA). CONTACT PERSON FOR BTNA IS:

NATASHA FURNISS
SUNRAIL OPERATIONS & MAINTENANCE
BOMBARDIER TRANSPORTATION
801 SUNRAIL DRIVE
SANFORD, FL 32771
OFFICE: (407) 732.6708
NATASHA.FURNISS@US.TRANSPORT.BOMBARDIER.COM

4. EMPLOYEE-IN-CHARGE (EIC) / FLAGGING SERVICES:
THE CONTRACTOR SHALL NOT ENTER THE CFRC RIGHT-OF-WAY WITHOUT FIRST OBTAINING THE REQUIRED RAILROAD EIC / FLAGGING SERVICES.

CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING BTNA FOR EIC / FLAGGING SERVICES 45 DAYS PRIOR TO RAILROAD RIGHT-OF-WAY ENCROACHMENTS. THE DEPARTMENT WILL PAY FOR THIS SERVICE, HOWEVER THE CONTRACTOR IS RESPONSIBLE TO COORDINATE THE SERVICES WITH BTNA. THE CONTACT PERSON FOR BTNA IS:

NATASHA FURNISS
SUNRAIL OPERATIONS & MAINTENANCE
BOMBARDIER TRANSPORTATION
801 SUNRAIL DRIVE
SANFORD, FL 32771
OFFICE: (407) 732.6708
NATASHA.FURNISS@US.TRANSPORT.BOMBARDIER.COM

5. SIGNAL SUPPORT:
THE DEPARTMENT HAS HERZOG TECHNOLOGIES INC. (HTI) UNDER CONTRACT FOR MAINTAINING THE EXISTING WAYSIDE SIGNAL AND GRADE CROSSING WARNING SYSTEMS ON THE CFRC. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING HTI FOR SIGNAL SUPPORT. THE DEPARTMENT WILL PAY FOR THIS SERVICE HOWEVER THE CONTRACTOR IS RESPONSIBLE TO COORDINATE THE SERVICES WITH HTI. THE CONTACT PERSON FOR HTI IS:

YVETTE VARGAS
HERZOG TECHNOLOGIES INC.
801 SUNRAIL DRIVE
SANFORD, FL 32771
OFFICE: 407-562-2702
CELL: 817-374-3499
E-MAIL: YVARGAS@HERZOG.COM

6. RAILROAD PROTECTIVE LIABILITY INSURANCE:

WHEN THE CONSTRUCTION OF A RAILROAD GRADE CROSSING, RAILROAD OVERPASS OR UNDERPASS STRUCTURE, OR ANY OTHER WORK OR OPERATIONS WITHIN THE LIMITS OF THE RAILROAD RIGHT-OF-WAY, INCLUDING ANY ENCROACHMENTS THEREON FROM WORK OR OPERATIONS IN THE VICINITY OF THE RAILROAD RIGHT-OF-WAY, CONTRACTOR SHALL, IN ADDITION TO THE COMMERCIAL GENERAL LIABILITY INSURANCE COVERAGE REQUIRED, PROCURE AND MAINTAIN RAILROAD PROTECTIVE LIABILITY COVERAGE (ISO FORM CG 00 35) WHERE THE DEPARTMENT IS THE NAMED INSURED, AND CENTRAL FLORIDA COMMUTER RAIL COMMISSION, VOLUSIA COUNTY, SEMINOLE COUNTY, ORANGE COUNTY, OSCEOLA COUNTY, AND CITY OF ORLANDO, EACH IN THE STATE OF FLORIDA, ARE EACH AN ADDITIONAL INSURED, AND WHERE THE LIMITS ARE NOT LESS THAN \$2,000,000 COMBINED SINGLE LIMIT FOR BODILY INJURY AND/OR PROPERTY DAMAGE PER OCCURRENCE, AND WITH AN ANNUAL AGGREGATE LIMIT OF NOT LESS THAN \$6,000,000.

PRIOR TO ENTERING THE CFRC RIGHT-OF-WAY THE CONTRACTOR SHALL PROVIDE THE DEPARTMENT WITH AN ACORD CERTIFICATE OF LIABILITY INSURANCE REFLECTING THE COVERAGE DESCRIBED HEREIN. THE INSURANCE DESCRIBED HEREIN SHALL BE MAINTAINED THROUGH THE DURATION OF CONSTRUCTION. THE DEPARTMENT SHALL BE NOTIFIED IN WRITING WITHIN TEN DAYS OF ANY CANCELLATION, NOTICE OF CANCELLATION, RENEWAL, OR PROPOSED CHANGE TO ANY POLICY OR COVERAGE DESCRIBED HEREIN. THE DEPARTMENT'S APPROVAL OR FAILURE TO DISAPPROVE ANY POLICY/IES, COVERAGE, OR ACORD CERTIFICATES SHALL NOT RELIEVE OR EXCUSE ANY OBLIGATION TO PROCURE AND MAINTAIN THE INSURANCE REQUIRED HEREIN, NOR SERVE AS A WAIVER OF ANY RIGHTS THE DEPARTMENT MAY HAVE.

7. DEPARTMENT REVIEW:
THE CONTRACTOR SHALL SUBMIT TO THE DEPARTMENT A COPY OF THE PLANS AND SPECIFICATIONS, SHOP DRAWINGS FOR CONSTRUCTION, ALTERATION, ERECTION, INSTALLATION, DEMOLITION OR REMOVAL OF ANY STATE PROPERTY WITHIN THE RAILROAD CORRIDOR FOR DEPARTMENT REVIEW. THE PLANS AND SPECIFICATIONS SUBMITTED SHALL CONTAIN SUFFICIENT DETAIL TO ALLOW MEANINGFUL REVIEW.

SUBMIT DEMOLITION, ERECTION, EXCAVATION AND SHORING PLAN SIGNED AND SEALED BY THE SPECIALTY ENGINEER TO THE DEPARTMENT AT LEAST FOUR WEEKS PRIOR TO COMMENCING WORK. INCLUDE, AS PART OF THIS SUBMITTAL, SIGNED AND SEALED CALCULATIONS AND DETAILS FOR ANY FALSEWORK, BRACING OR OTHER CONNECTION SUPPORTING THE STRUCTURAL ELEMENTS SHOWN IN THE PLAN.

DEMOLITION: THE CONTRACTOR SHALL SUBMIT THE DETAILED PROCEDURE FOR DEMOLITION OF EXISTING STRUCTURES OVER OR ADJACENT TO TRACKS OR RIGHT-OF-WAY. THIS PROCEDURE SHALL INCLUDE A PLAN SHOWING THE LOCATIONS OF CRANES, HORIZONTALLY AND VERTICALLY, OPERATING RADII, WITH LOADING OR DISPOSAL LOCATIONS SHOWN, WITH ALL DIMENSIONS REFERENCED FROM THE CENTER LINE OF THE NEAR TRACK, INCLUDING BEAM PLACEMENT ON GROUND OR TRUCK LOADING STAGING PLAN. THE PLAN SHALL ALSO INCLUDE THE LOCATION, WITH RELEVANT DIMENSIONS, OF ALL TRACKS, OTHER RAILROAD FACILITIES; WIRES, POLES, ADJACENT STRUCTURES, OR BURIED UTILITIES THAT COULD BE AFFECTED, SHOWING THAT THE PROPOSED LIFTS ARE CLEAR OF THESE OBSTRUCTIONS. NO CRANE OR EQUIPMENT MAY BE SET ON THE RAILS OR TRACK STRUCTURE AND NO MATERIAL MAY BE DROPPED ON CFRC PROPERTY.

ERECTION: THE CONTRACTOR SHALL SUBMIT DETAILED PROCEDURE FOR ERECTION OF THE PROPOSED STRUCTURES OVER OR ADJACENT TO THE TRACKS OR RIGHT-OF-WAY. THIS PROCEDURE SHALL INCLUDE A PLAN SHOWING THE LOCATIONS OF CRANES, HORIZONTALLY AND VERTICALLY, OPERATING RADII, WITH STAGING LOCATIONS SHOWN, INCLUDING BEAM PLACEMENT ON GROUND OR TRUCK UNLOADING STAGING PLAN. PLAN SHOULD ALSO INCLUDE THE LOCATION OF ALL TRACKS, OTHER RAILROAD FACILITIES; WIRES, POLES, ADJACENT STRUCTURES, OR BURIED UTILITIES THAT COULD BE AFFECTED, SHOWING THAT THE PROPOSED LIFTS ARE CLEAR OF THESE OBSTRUCTIONS. NO CRANE OR EQUIPMENT MAY BE SET ON THE RAILS OR TRACK STRUCTURE.

EXCAVATION AND SHORING: SHORING PROTECTION SHALL BE PROVIDED WHEN EXCAVATING ADJACENT TO AN ACTIVE TRACK OR RAILROAD FACILITY OR AS DETERMINED BY CFRC. SHORING WILL BE PROVIDED IN ACCORDANCE WITH AREMA MANUAL FOR RAILWAY ENGINEERING, CHAPTER 8, PART 28.

SUBMIT DETAILED DRAWINGS OF THE SHORING SYSTEMS SHOWING SIZES OF ALL STRUCTURAL MEMBERS, DETAILS OF CONNECTIONS, AND DISTANCES FROM CENTERLINE OF TRACK TO FACE OF SHORING. DRAWING SHALL SHOW A SECTION SHOWING HEIGHT OF SHORING AND TRACK ELEVATION IN RELATION TO BOTTOM OF EXCAVATION.

8. CSXT REVIEW
CSXT SHALL REVIEW PLANS AND SPECIFICATIONS, SHOP DRAWINGS FOR CONSTRUCTION, ALTERATION, ERECTION, INSTALLATION, DEMOLITION OR REMOVAL OF ANY STATE PROPERTY WITHIN THE CFRC RAILROAD CORRIDOR.
THE FOLLOWING PROCEDURES SHALL APPLY:

- (I) THE CONTRACTOR SHALL SUBMIT TO CSXT A COPY OF THE PLANS AND SPECIFICATIONS FOR SUCH FACILITY OR STRUCTURE FOR CSXT'S REVIEW.
- (II) CSXT SHALL HAVE THIRTY (30) DAYS FROM RECEIPT OF SUCH WRITTEN SUBMITTAL IN WHICH TO REQUEST ADDITIONAL INFORMATION OR TO SEEK CLARIFICATION. IF CSXT REQUESTS SUCH ADDITIONAL INFORMATION OR SEEKS CLARIFICATION OF THE DECISION, THE CONTRACTOR SHALL WITHIN FIFTEEN (15) DAYS EITHER: (A) SUPPLY THE ADDITIONAL INFORMATION OR CLARIFICATION, OR (B) NOTIFY CSXT THAT NO ADDITIONAL INFORMATION OR CLARIFICATION IS NECESSARY AND WILL NOT BE PROVIDED.

CFRC GENERAL NOTES

REVISIONS				ENGINEER OF RECORD: MATTHEW S. ROSS P.E. NO.: 56977 HNTB CORPORATION 610 CRESCENT EXECUTIVE COURT SUITE 400, LAKE MARY, FL 32746 (407) 805-0355 CERT. OF AUTH. NO. 6500	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 5
DATE	DESCRIPTION	DATE	ROAD NO.		COUNTY	FINANCIAL PROJECT ID		
			CFRC		ORANGE / SEMINOLE	427956-172-27		

GENERAL NOTES

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RAIL NOTES

8. CSXT REVIEW CON'TD:

(III) WITHIN NINETY (90) DAYS FROM RECEIPT OF THE SUBMISSION OF THE PLANS TO CSXT PURSUANT TO PARAGRAPH (I), ABOVE OR WITHIN FORTY- FIVE (45) DAYS OF RECEIPT BY CSXT OF THE ADDITIONAL INFORMATION OR CLARIFICATION PROVIDED BY THE CONTRACTOR PURSUANT TO CLAUSE (II)(A), ABOVE, OR WITHIN FORTY-FIVE (5) DAYS OF RECEIPT BY CSXT OF NOTIFICATION FROM THE CONTRACTOR THAT NO ADDITIONAL INFORMATION OR CLARIFICATION WILL BE PROVIDED PURSUANT TO CLAUSE (II)(B), ABOVE, WHICHEVER TIME FRAME IS LATER, CSXT SHALL TRANSMIT ITS WRITTEN COMMENTS TO THE CONTRACTOR.

9. SITE SPECIFIC SAFETY PLAN AND EMERGENCY ACTION PLAN:
CONTRACTOR SHALL SUBMIT A SITE SPECIFIC SAFETY PLAN AND EMERGENCY ACTION PLAN DOCUMENTING THE SCOPE OF THE WORK, EQUIPMENT, POINT OF CONTACT, AND LIST OF PERSONNEL ON SITE, THEIR ROLES, PPE REQUIRED, STATUS OF REQUIRED TRAINING.

10. UTILITIES: BEFORE YOU DIG, CALL 811.

CONTACT SUNSHINE STATE ONE-CALL OF FLORIDA, INC. AS REQUIRED BY CHAPTER 556 OF THE FLORIDA STATUTE.

THE FOLLOWING CFRC BURIED FACILITIES ARE LOCATED ALONG THE RAILROAD CORRIDOR AND SHALL BE CONTACTED IN ADDITION TO CALLING 811:

RAILROAD SIGNAL FACILITIES:

CONTACT: YVETTE VARGAS
HERZOG TECHNOLOGIES INC.
801 SUNRAIL DRIVE
SANFORD, FL 32771
OFFICE: 407-562-2702
CELL: 817-374-3499
E-MAIL: YVARGAS@HERZOG.COM

CFRC COMMUNICATIONS:

CONTACT: THOMAS SIRICO
BOMBARDIER TRANSPORTATION
801 SUNRAIL DRIVE
SANFORD, FL 32771
CELL: 321-200-6662
OFFICE: 352-428-1147
THOMAS.SIRICO@US.TRANSPORT.BOMBARDIER.COM

11. TRACK MONITORING:

THE CONTRACTOR SHALL SUBMIT, FOR REVIEW AND APPROVAL, A DETAILED TRACK MONITORING PROGRAM TO DETECT BOTH HORIZONTAL AND VERTICAL MOVEMENT OF THE TRACK AND ROADBED, A MINIMUM OF 30 DAYS IN ADVANCE OF START OF WORK.

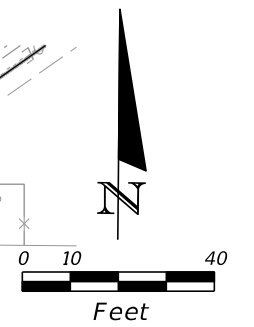
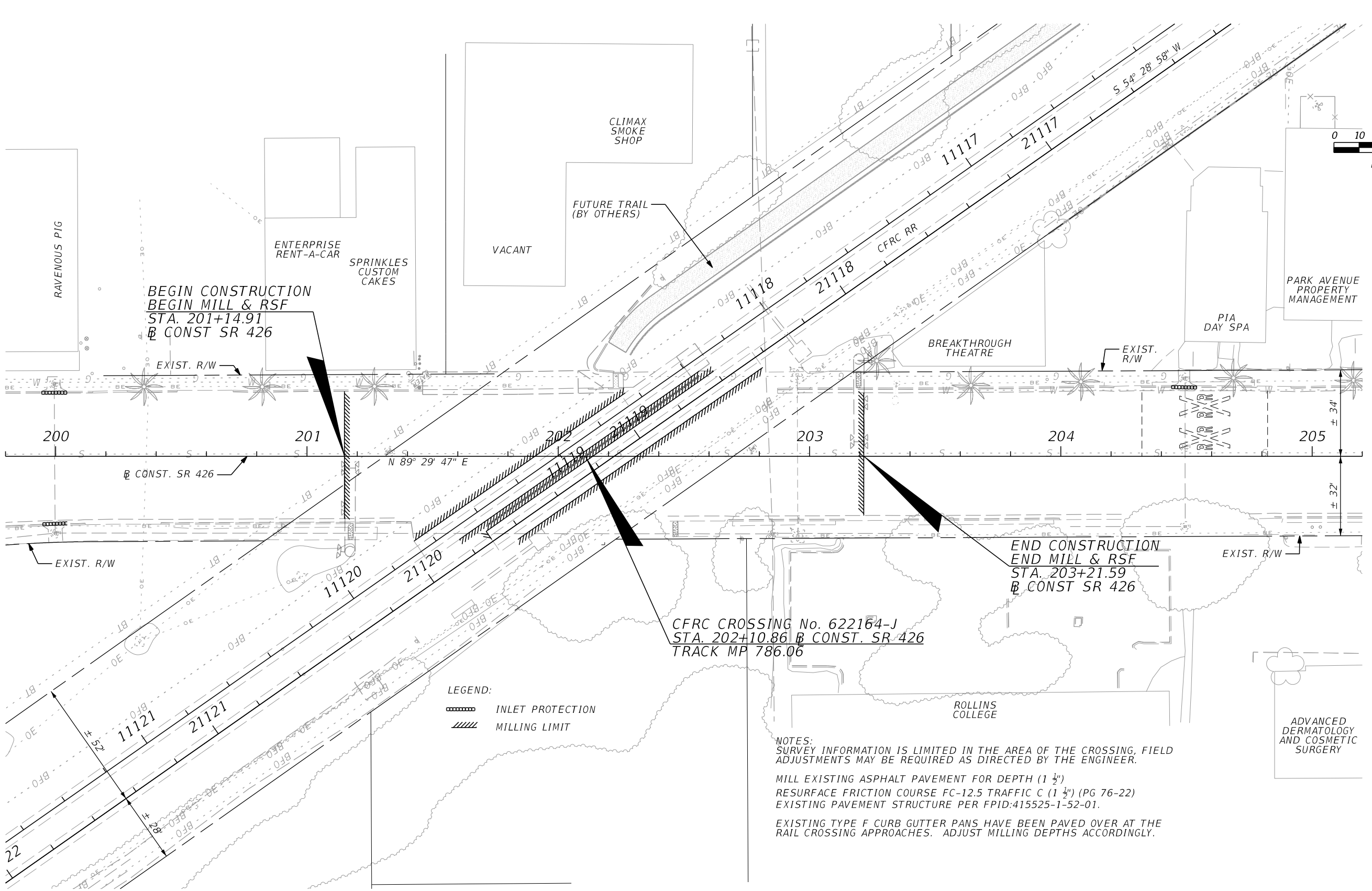
- (I) FOR THE INSTALLATION OF TEMPORARY OR PERMANENT SHORING SYSTEMS, INCLUDING BUT NOT LIMITED TO SOLDIER PILES AND LAGGING, AND INTERLOCKED STEEL SHEETING ON OR ADJACENT TO CFRC'S RIGHT-OF-WAY, THE CONTRACTOR MAY BE REQUIRED TO SUBMIT A DETAILED TRACK MONITORING PROGRAM FOR CFRC'S APPROVAL PRIOR TO PERFORMING ANY WORK NEAR CFRC'S RIGHT-OF-WAY.
- (II) THE PROGRAM SHALL SPECIFY THE SURVEY LOCATIONS, THE DISTANCE BETWEEN THE LOCATION POINTS, AND FREQUENCY OF MONITORING BEFORE, DURING, AND AFTER CONSTRUCTION. CFRC RESERVES TO THE RIGHT TO MODIFY THE SURVEY LOCATIONS AND MONITORING FREQUENCY AS NECESSARY DURING THE PROJECT.
- (III) THE SURVEY DATA SHALL BE COLLECTED IN ACCORDANCE WITH THE APPROVED FREQUENCY AND IMMEDIATELY FURNISHED TO THE ENGINEER FOR ANALYSIS.
- (IV) IF ANY MOVEMENT HAS OCCURRED AS DETERMINED BY THE ENGINEER, CFRC WILL BE IMMEDIATELY NOTIFIED. CFRC, AT ITS SOLE DISCRETION, SHALL HAVE THE RIGHT TO IMMEDIATELY REQUIRE ALL CONTRACTOR OPERATIONS TO BE CEASED, HAVE THE EXCAVATED AREA IMMEDIATELY BACKFILLED AND/OR DETERMINE WHAT CORRECTIVE ACTION IS REQUIRED. ANY CORRECTIVE ACTION REQUIRED BY CFRC OR PERFORMED BY CFRC INCLUDING THE MONITORING OF CORRECTIVE ACTION OF THE CONTRACTOR WILL BE AT PROJECT EXPENSE.

CFRC GENERAL NOTES

REVISIONS				ENGINEER OF RECORD: MATTHEW S. ROSS P.E. NO.: 56977 HNTB CORPORATION 610 CRESCENT EXECUTIVE COURT SUITE 400, LAKE MARY, FL 32746 (407) 805-0355 CERT. OF AUTH. NO. 6500	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					CFRC	ORANGE / SEMINOLE	427956-1-72-27	

GENERAL NOTES

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



- LEGEND:**
- INLET PROTECTION
 - MILLING LIMIT

NOTES:
 SURVEY INFORMATION IS LIMITED IN THE AREA OF THE CROSSING, FIELD ADJUSTMENTS MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
 MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1 1/2")
 RESURFACE FRICTION COURSE FC-12.5 TRAFFIC C (1 1/2") (PG 76-22)
 EXISTING PAVEMENT STRUCTURE PER FPID:415525-1-52-01.
 EXISTING TYPE F CURB GUTTER PANS HAVE BEEN PAVED OVER AT THE RAIL CROSSING APPROACHES. ADJUST MILLING DEPTHS ACCORDINGLY.

SR 426 (FAIRBANKS AVENUE)

REVISIONS				ENGINEER OF RECORD: MATTHEW S. ROSS P.E. NO.: 56977 HNTB CORPORATION 610 CRESCENT EXECUTIVE COURT SUITE 400, LAKE MARY, FL 32746 (407) 805-0355 CERT. OF AUTH. NO. 6500	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. 7
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					CFRC	ORANGE / SEMINOLE	427956-1-72-27		

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I. SITE DESCRIPTION:

(1) NATURE OF CONSTRUCTION ACTIVITY
 THE FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 5 IS PROPOSING TO PROVIDE SAFETY IMPROVEMENTS AT TWO (2) STATE ROAD CFRC CROSSINGS IN ORANGE AND SEMINOLE COUNTIES: SR 436 (SEMORAN BLVD.), AND SR 426 (FAIRBANKS AVE.). THE INTENT OF THIS PROJECT IS TO IMPLEMENT THE ROADWAY COMPONENTS OF THE PROPOSED CONCEPTUAL SAFETY IMPROVEMENTS. ROADWAY IMPROVEMENTS ARE LIMITED TO THE CROSSINGS AND IMMEDIATE ADJACENT ROADWAYS.

(2) SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES: MILLING, RESURFACING, AND SIGNING.
 (a) PREPARE A SITE SPECIFIC EROSION AND SEDIMENT CONTROL PLAN ALONG WITH A DETAILED CONSTRUCTION SCHEDULE TO INDICATE DATES OF MAJOR GRADING ACTIVITIES AND DETERMINE SEQUENCES OF TEMPORARY AND PERMANENT SOIL DISTURBING ACTIVITIES ON ALL PORTIONS OF THE PROJECT.
 (b) THE CONTRACTOR WILL BE REQUIRED TO MODIFY THE PLAN OR MATERIALS TO ADAPT TO SEASONAL VARIATIONS, CONSTRUCTION ACTIVITY VARIATIONS, OR AS DIRECTED BY THE ENGINEER.
 (c) APPLICABLE EROSION AND SEDIMENT CONTROL DEVICES AND IMPLEMENTATION PROCEDURES ARE SUPPLIED IN THE FDOT STANDARD INDEXES 104 AND 105 AND THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEW MANUAL (E&SC MANUAL).
 (d) THE ENGINEER IS RESPONSIBLE FOR DETERMINING IF ANY MODIFICATIONS OR ADDITIONAL CONTROLS ARE REQUIRED AND TO OBTAIN DEPLOYMENT SCHEDULES FOR THE IMPLEMENTATION OF ALL ADDITIONAL EROSION AND SEDIMENT CONTROL DEVICES FROM THE CONTRACTOR.

(3) GENERAL NOTES:
 (a) ALL EROSION AND SEDIMENT CONTROL DEVICES FOR EACH PHASE OF WORK ARE TO BE INSTALLED PRIOR TO BEGINNING WORK ON THAT PHASE.
 (b) INSTALL EROSION AND SEDIMENT CONTROL DEVICES WHERE LISTED IN THE CONTRACTOR'S APPROVED EROSION AND SEDIMENT CONTROL PLAN FOR PERIMETER CONTROLS BEFORE THE LAND IS DISTURBED.
 (c) PROVIDE SEDIMENT BARRIERS WHERE LISTED IN THE CONTRACTOR'S APPROVED EROSION AND SEDIMENT CONTROL PLAN FOR DITCH/SWALE CHECK DAMS DURING CONSTRUCTION.
 (d) PROVIDE INLET PROTECTION SYSTEMS AT INLET OPENINGS.
 (e) COVER OR STABILIZE DISTURBED AREAS AS SOON AS POSSIBLE.
 (f) DO NOT DISTURB AN AREA UNTIL IT IS NECESSARY FOR CONSTRUCTION TO PROCEED.
 (g) TIME CONSTRUCTION ACTIVITIES TO LIMIT IMPACT FROM SEASONAL CLIMATE CHANGES OR WEATHER EVENTS.
 (h) DO NOT REMOVE PERIMETER CONTROLS UNTIL ALL UPSTREAM AREAS ARE FULLY STABILIZED AND PERMANENT VEGETATION IS ESTABLISHED.

(4) PROJECT AREAS:
 THE ESTIMATED TOTAL PROJECT AREA IS 0.07 ACRES. THE ESTIMATED AREA TO BE DISTURBED DURING CONSTRUCTION ACTIVITIES IS 0.07 ACRES.

(5) RUNOFF COEFFICIENTS BEFORE C_w (B), DURING C_w (D) AND AFTER C_w (A) CONSTRUCTION:

RUNOFF COEFFICIENT FOR: GRASSED AREAS: $C=0.30$
 IMPERVIOUS ROADWAYS AND PAVED SHOULDER: $C=0.95$
 DISTURBED AREAS, EXPOSED SOIL, ETC., DURING CONSTRUCTION: $C=0.40$

WEIGHTED RUN-OFF COEFFICIENT:
 BEFORE: C_w (B) = 0.95 DURING: C_w (D) = 0.40 AFTER: C_w (A) = 0.95

THE RUN-OFF COEFFICIENT DURING CONSTRUCTION, C_w (D), IS CALCULATED ASSUMING THAT THE MAXIMUM ALLOWABLE AREA OF SOIL IS DISTURBED DURING CONSTRUCTION AND THE REMAINING AMOUNT IS THE EXISTING IMPERVIOUS AND GRASSED SHOULDER AREAS.

(6) DESCRIPTION OF SOIL OR QUALITY OF DISCHARGE:
 THE SOILS ARE POORLY DRAINED AND HAVE A HIGH WATER TABLE DEPTH.
 THE ROADWAY SOIL SURVEY IS CONTAINED IN THE SIGNALIZATION PLANS.

SOIL TYPE	HYDROLOGIC GROUP	DEPTH TO SHWE
24 - URBAN LAND	N/A	N/A

REFERENCE: USDA SOIL SURVEY OF SEMINOLE & ORANGE COUNTY, FLORIDA

(7) ESTIMATED DRAINAGE FLOW DIRECTION AND AVERAGE SLOPE OF DRAINAGE AREA FOR EACH OUTFALL:
 (a) SITE MAP: NOT TO BE INCLUDED WITH THESE SHEETS.
 (b) DRAINAGE MAPS OR MAPS WITH APPROPRIATE CONTOURS: NOT TO BE INCLUDED WITH THESE SHEETS.

(8) RECEIVING WATERS:
 N/A

(9) THE OUTFALLS ARE 303(d) LISTED, IMPAIRED WATERS FOR PARAMETERS SUCH AS N/A
 (a) N/A N/A N/A

DESCRIPTION	LATITUDE	LONGITUDE
N/A		

(11) SURFACE WATER IMPACTS ARE NOT ANTICIPATED WITHIN THE PROJECT LIMITS.

(12) DESCRIPTION OF STORMWATER MANAGEMENT: (EXISTING/PROPOSED)
 (a) EXISTING DRAINAGE FLOWS ARE TYPICALLY CONVEYED THROUGH STORM SEWER INLETS & PIPES, ROADSIDE DITCHES AND SIDEDRAINS ALONG THE PROJECT.
 (b) OFF-SITE RUNOFF SHOULD BE DIVERTED AWAY OR THROUGH THE CONSTRUCTION AREA, IF POSSIBLE. THIS ADDITIONAL FLOW, IF NOT DIVERTED, CAN ADD VOLUME AND SIZE TO STRUCTURAL PRACTICES, REQUIRING MORE FREQUENT MAINTENANCE AND LIMITING EFFECTIVENESS OF EROSION AND SEDIMENT CONTROLS.
 (c) THE CONTRACTOR WILL PROVIDE POLLUTION CONTROL BY IMPLEMENTING DUST CONTROL DURING ALL PHASES OF CONSTRUCTION. SEDIMENT CONTROL WILL BE ACCOMPLISHED BY USING STREET OR VACUUM SWEEPERS.
 (d) STORMWATER RUNOFF SHALL BE CONVEYED TO EITHER TEMPORARY SEDIMENT BASINS, CONTAINMENT SYSTEMS AND/OR TO PERMANENT STORMWATER MANAGEMENT FACILITIES (TREATMENT AND ATTENUATION PONDS). THE PROPOSED SEDIMENT BASINS, CONTAINMENT SYSTEMS AND/OR STORMWATER MANAGEMENT FACILITIES SHALL BE CONSTRUCTED DURING THE INITIAL PHASE OF CONSTRUCTION AND USED DURING CONSTRUCTION OF THE ROADWAY. THE OUTFALL STRUCTURES ARE TO BE PLUGGED WHEN TEMPORARY SEDIMENT BASINS, CONTAINMENT SYSTEMS OR PERMANENT STORMWATER MANAGEMENT FACILITIES ARE USED FOR EROSION AND SEDIMENT CONTROL.
 (e) TAKE ALL REASONABLE PRECAUTIONS TO PREVENT UNAUTHORIZED MATERIALS FROM ENTERING WETLANDS, WATERWAYS, OTHER SURFACE WATERS OR WATERS OF THE U.S.

II. CONTROLS:
 SEDIMENT AND EROSION CONTROLS

(1) WATER QUALITY MONITORING:
 (a) WATER QUALITY MONITORING SHALL BE CONDUCTED IN ACCORDANCE WITH THE SPECIAL CONDITIONS OF ANY ENVIRONMENTAL PERMIT OR BY THE CONTRACTOR UPON THE OBSERVATION THAT WATER QUALITY STANDARDS MAY BE VIOLATED BY THE CONTRACTOR'S ACTIVITIES. MONITORING LOCATIONS MAY BE SPECIFIED IN THE ENVIRONMENTAL PERMIT OR MAY BE DESIGNATED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.
 (b) THE ENGINEER WILL BE RESPONSIBLE FOR MONITORING ANY ACTIVITIES FOR VIOLATION OF WATER QUALITY STANDARDS AS THEY RELATE TO TURBIDITY (NO GREATER THAN 29 NEPHELOMETRIC TURBIDITY UNITS (NTU) ABOVE BACKGROUND OR GREATER THAN 0 NTU ABOVE BACKGROUND FOR DIRECT DISCHARGES TO OFW'S).
 (c) IF WATER QUALITY STANDARDS ARE VIOLATED, CONSTRUCTION SHALL BE STOPPED IMMEDIATELY, THE ENVIROMENTAL PERMIT CONDITIONS FOLLOWED AND EROSION AND SEDIMENT CONTROL DEVICES REEVALUATED AND APPROVED BY THE ENGINEER PRIOR TO ANY CONTINUATION OF ACTIVITY. MONITORING ACTIVITIES AND TURBIDITY READINGS SHALL BE RECORDED ON THE CONSTRUCTION INSPECTION REPORT AND CONTINUED UNTIL TURBIDITY READINGS FALL BELOW AN ACCEPTABLE LEVEL (LESS THAN 29 NTU'S ABOVE BACKGROUND OR LESS THAN 0 NTU'S ABOVE BACKGROUND FOR DIRECT DISCHARGES TO OFW'S).
 (d) WATER QUALITY MONITORING MAY BE CONDUCTED DURING ANY PHASE OF CONSTRUCTION AS DIRECTED BY THE ENGINEER.

REVISIONS				ENGINEER OF RECORD: BARRY JAMES SWITZER P.E. NO.: 43422 HNTB CORPORATION 610 CRESCENT EXECUTIVE COURT SUITE 400, LAKE MARY, FL 32746 (407) 805-0355 CERT. OF AUTH. NO. 6500	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 8
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					CFRC	ORANGE / SEMINOLE	427956-172-27	

(2) STRUCTURAL PRACTICES FOR EROSION AND SEDIMENT CONTROL

(a) INLET PROTECTION SYSTEM

PURPOSE: ANY OF A NUMBER OF SEDIMENT BARRIERS THAT EITHER PREVENT SEDIMENT FROM ENTERING AN INLET OR TRAP THE SEDIMENTS ONCE THEY ENTER THE INLET.

- (1) TYPICAL APPLICATIONS INCLUDE ROCK BARRIERS, FRAME AND FILTER BARRIERS, CURB INLET "SUMP" BARRIER, CURB INLET DIVERSION BERM, CURB AND GUTTER SEDIMENT CONTAINMENT SYSTEM OR CURB INLET INSET.
- (2) SHOULD BE INSTALLED ONLY WHEN CONSTRUCTION ACTIVITIES ARE ON-GOING AND ONLY WHERE SUMP CONDITIONS EXIST.
- (3) SHOULD NOT BE USED WHEN CONSTRUCTION IS COMPLETE AND SHOULD NOT BE USED IN AREAS WHERE FLOODING COULD ENCROACH INTO THE TRAVEL LANES.

III. OTHER CONTROLS:

(1) WASTE DISPOSAL

- (a) THE CONTRACTOR WILL PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT BOUNDARIES DURING CONSTRUCTION ACTIVITIES.
- (b) ALL FERTILIZER AND CHEMICAL CONTAINERS SHALL BE DISPOSED OF BY THE CONTRACTOR ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.
- (c) NO SOLID MATERIALS, INCLUDING BUILDING AND CONSTRUCTION MATERIALS, SHALL BE DISCHARGED TO WETLANDS OR BURIED ON SITE.
- (d) ALL SANITARY WASTE WILL BE COLLECTED FROM PORTABLE UNITS BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY STATE REGULATIONS.

(2) OFF-SITE VEHICLE TRACKING - WILL BE CONTROLLED BY THE FOLLOWING METHODS:

- (a) LOADED HAUL TRUCKS ARE TO BE COVERED BY A TARPULIN AT ALL TIMES.
- (b) EXCESS DIRT ON ROAD WILL BE REMOVED DAILY.

(3) STATE AND FEDERAL REGULATIONS: PERMITS WILL BE REQUIRED FROM THE FOLLOWING AGENCIES:

N/A: PERMIT EXEMPT PROJECT

(4) NON-STORMWATER (INCLUDING SPILL REPORTING)

THE CONTRACTOR WILL PROVIDE THE FDOT WITH AN EROSION AND SEDIMENT CONTROL PLAN THAT WILL INCLUDE SPILL CONTAINMENT, REPORTING, AND RESPONSES. THE PLAN SHALL SPECIFY WHAT MANAGEMENT PRACTICES AND CONTAINMENT METHODS WILL BE USED TO PREVENT POTENTIAL POLLUTANTS (FUEL, LUBRICANTS, HERBICIDES, ETC.) FROM SPILLING ONTO THE SOIL OR INTO THE SURFACE WATERS. IF A SPILL DOES OCCUR, OR IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED, CONTACT THE FDOT DISTRICT 5 HAZARDOUS WASTE COORDINATOR AT (386) 943-5000.

IV. MAINTENANCE:

MAINTAIN AND REPAIR ALL EROSION AND SEDIMENT CONTROL DEVICES AND REMOVE EROSION AND SEDIMENT CONTROL DEVICES WHEN NOTICE OF TERMINATION IS MAILED. REMOVE AND PROPERLY DISPOSE OF SEDIMENT BUILDUP THROUGH THE LIFE OF THE INSTALLED EROSION AND SEDIMENT CONTROL DEVICES.

- (1) ALL CONTROL MEASURES WILL BE MAINTAINED DAILY BY THE CONTRACTOR AND ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY, IT WILL BE INITIATED IMMEDIATELY.
- (2) SODDING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.
- (3) SYNTHETIC BALES SHALL BE MAINTAINED TO ENSURE THEIR USEFULNESS AND NOT BLOCK OR IMPEDE STORMWATER FLOW OR DRAINAGE.
- (4) STABILIZED CONSTRUCTION ENTRANCES SHALL BE MAINTAINED TO PREVENT CLOGGING OF ROCK BEDDING WHICH MAY IMPEDE THE USEFULNESS OF THE STRUCTURE.

V. INSPECTION:

- (1) INSTALL AND MAINTAIN RAIN GAUGES ON THE PROJECT SITE AND RECORD WEEKLY RAINFALL IN ACCORDANCE WITH THE NPDES PERMIT.
- (2) ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSPECTED DAILY BY CONTRACTOR'S PERSONNEL WHO ARE F.D.E.P. CERTIFIED STORMWATER MANAGEMENT INSPECTORS. ALL EROSION CONTROL DEVICES WILL BE INSPECTED WITHIN 24 HOURS OF A RAINFALL EVENT OF 0.5 INCHES OR GREATER.
- (3) COMPLETE ALL SWPPP INSPECTION REPORT FORMS REQUIRED FOR THE NPDES PERMIT.

VI. TRACKING AND REPORTING:

- (1) SUBMIT A WEEKLY REPORT TO THE DEPARTMENT DOCUMENTING THE DAILY INSPECTIONS AND MAINTENANCE OR REPAIRS TO THE EROSION AND SEDIMENT CONTROL DEVICES. MAINTAIN ALL REQUIRED REPORTS AND COMPLETE ALL SWPPP INSPECTION FORMS.
- (2) PREPARATION OF ALL THE CONTRACTOR'S REPORTS OF INSPECTION, MAINTENANCE AND REPAIRS REQUIRED FOR THE CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION, SHALL BE INCLUDED IN THE INDIVIDUAL COSTS OF THE EROSION AND SEDIMENT CONTROL DEVICES OR LUMP SUM COST OF THE PROJECT.
- (3) USE THE SWPPP CONSTRUCTION INSPECTION REPORT FORM # 650-040-03, FOR DAILY INSPECTIONS.

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REVISIONS				ENGINEER OF RECORD: BARRY JAMES SWITZER P.E. NO.: 43422 HNTB CORPORATION 610 CRESCENT EXECUTIVE COURT SUITE 400, LAKE MARY, FL 32746 (407) 805-0355 CERT. OF AUTH. NO. 6500	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						CFRC	ORANGE / SEMINOLE		427956-1-72-27

TEMPORARY TRAFFIC CONTROL CONSTRUCTION NOTES

1. THE EXISTING POSTED SPEEDS SHALL BE MAINTAINED AT ALL TIMES:
 SR 436- 40 MPH
 SR 426- 30 MPH
 SR 527- 30 MPH
2. LANE CLOSURES ARE RESTRICTED TO ACTIVE WORK PERIODS. NO LANE CLOSURES ARE ALLOWED DURING THE FOLLOWING TIMES:
 SR 436- 6:00 AM TO 11:00 PM
 SR 426- 6:00 AM TO 10:30 PM
3. UTILIZE PCMS'S TO NOTIFY THE PUBLIC OF UPCOMING LANE CLOSURES. SIGNS ARE TO BE INSTALLED THREE (3) DAYS IN ADVANCE OF LANE CLOSURES WITH THE FOLLOWING DISPLAYS:

DAILY (NIGHTLY) LANE CLOSURES	MM/DD TO MM/DD
-------------------------------------	----------------------

LOCATION TO BE APPROVED BY THE ENGINEER.

4. NOTIFY LYNX 3 BUSINESS DAYS IN ADVANCE OF LANE CLOSURES AND DETOUR IMPLEMENTATION;
 KEITH TILLET, 407-254-6207, KTILLET@GOLYNX.COM
 BRUCE DETWEILER, 407-254-6136, BDETWEILER@GOLYNX.COM

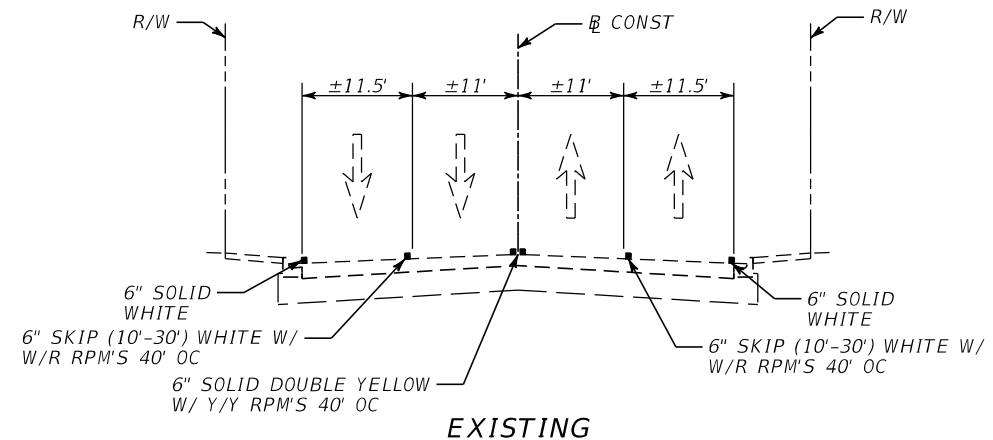
SR 436 TRAFFIC CONTROL PHASE NOTES

- PHASE I
 THE INTENT OF THIS PHASE IS TO CONSTRUCT PAVEMENT MARKINGS AND SIGNAGE.
1. CONSTRUCT THE PROPOSED PAVEMENT MARKINGS UTILIZING INDEX 613 OR 618 AS APPROPRIATE.
 2. CONSTRUCT THE PROPOSED SIGNAGE UTILIZING INDEX 612.

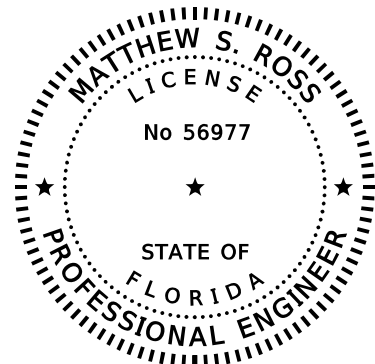
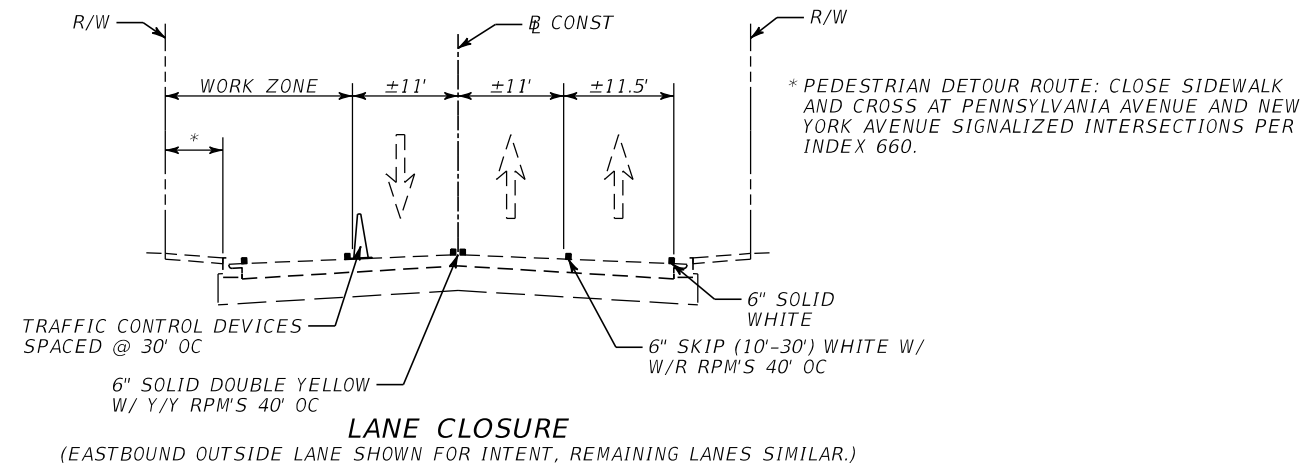
SR 426 TRAFFIC CONTROL PHASE NOTES

- PHASE I
 THE INTENT OF THIS PHASE IS TO MILL AND RESURFACE THE APPROACH ROADWAY AND APPLY THE DYNAMIC ENVELOPE PAVEMENT MARKINGS.
1. UTILIZE INDEX 616 TO INSTALL THE REQUIRED EROSION CONTROL MEASURES.
 2. UTILIZE INDICES 616 AND 660 TO MILL AND RESURFACE THE APPROACH ROADWAY.
 3. IMPLEMENT THE TEMPORARY DETOUR TO CONSTRUCT THE DYNAMIC ENVELOPE PAVEMENT MARKINGS. LANE CLOSURE TIMES ARE NOT APPLICABLE TO THE TEMPORARY DETOUR.

SR 426 TRAFFIC CONTROL PHASE TYPICALS



SR 426 TRAFFIC CONTROL PHASE TYPICALS



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

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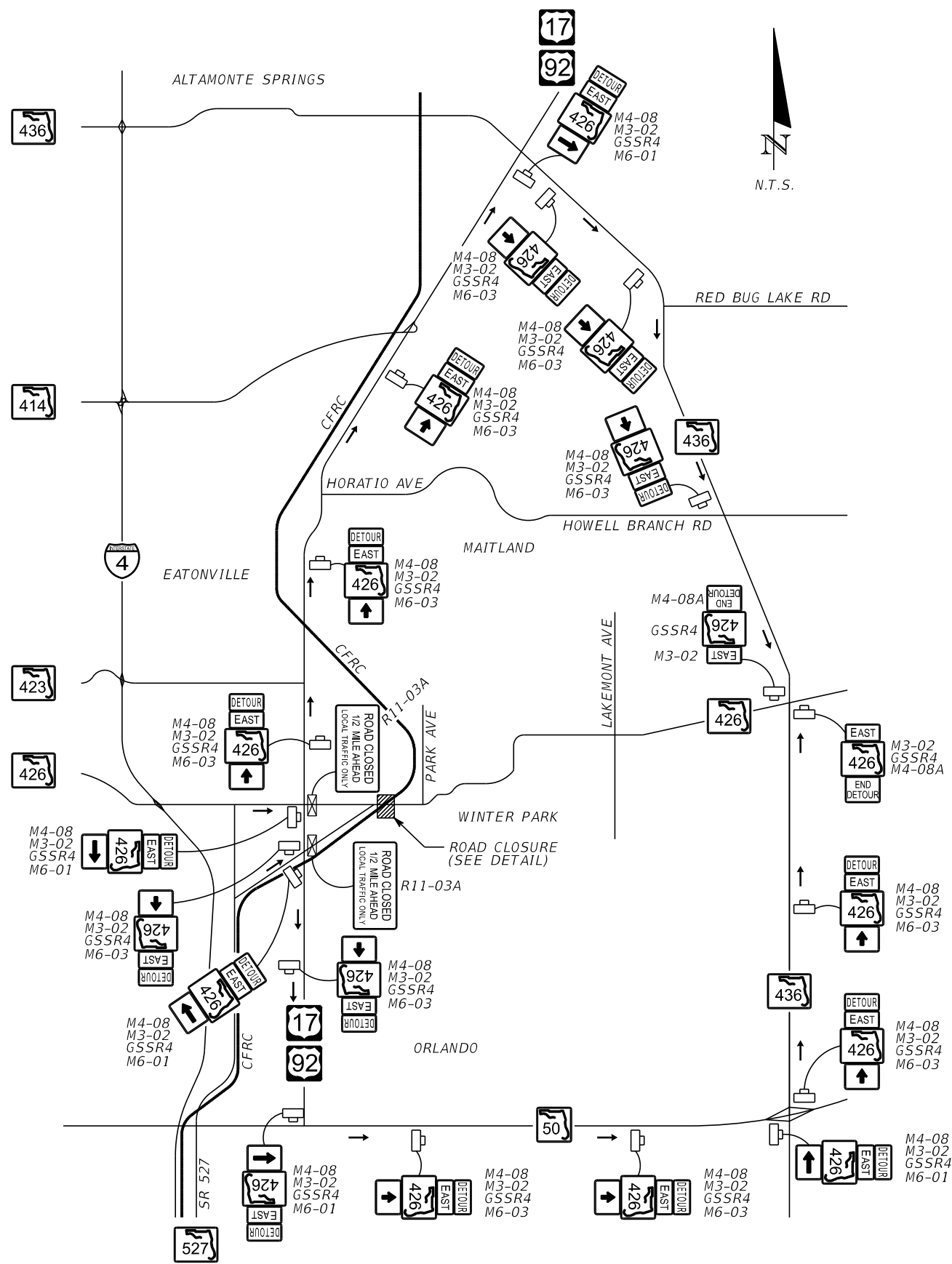
HNTB CORPORATION
 610 CRESCENT EXECUTIVE CT, SUITE 400
 LAKE MARY, FL 32746
 CERTIFICATE OF AUTHORIZATION: 6500
 MATTHEW ROSS, P.E. NO. 56977

CONSTRUCTION AND PHASE NOTES

REVISIONS				ENGINEER OF RECORD: MATTHEW S. ROSS P.E. NO.: 56977 HNTB CORPORATION 610 CRESCENT EXECUTIVE COURT SUITE 400, LAKE MARY, FL 32746 (407) 805-0355 CERT. OF AUTH. NO. 6500	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 10
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
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TRAFFIC CONTROL PLAN

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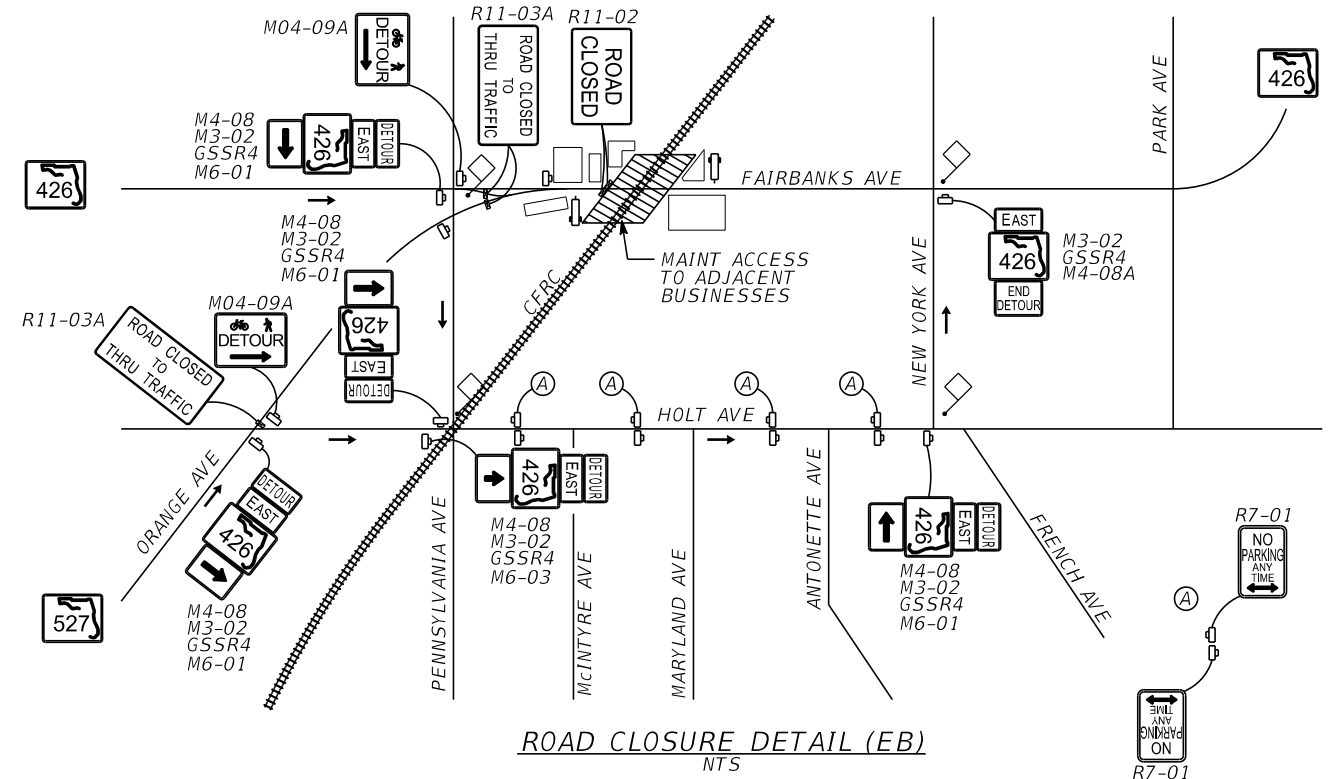


DETOUR NOTES:

- LANE CLOSURE TIMES NOTED IN THE TRAFFIC CONTROL NOTES ARE NOT APPLICABLE TO THE CLOSURE DETOUR. DAY, TIME AND DURATION ARE TO BE APPROVED BY THE ENGINEER. CLOSURE IS LIMITED TO A 12 HOUR OVERNIGHT MAXIMUM CONTINUOUS WORK PERIOD.
- UTILIZE PCMS TO NOTIFY THE TRAVELING PUBLIC OF UPCOMING DETOUR. SIGNS TO BE INSTALLED SEVEN DAYS IN ADVANCE OF CLOSURE. LOCATION TO BE APPROVED BY THE ENGINEER.



- REDUCE EASTBOUND SR 426 TO ONE THROUGH LANE UTILIZING INDEX 616. MAINTAIN THE LEFT TURN LANE.
- EASTBOUND SR 426 IS TO BE ROUTED SOUTH ON SR 15/ 600 (US 17-92) TO SR 50.
- REDUCE NORTHBOUND SR 527 TO ONE THROUGH LANE UTILIZING INDEX 616. MAINTAIN THE LEFT TURN LANE.
- NORTHBOUND SR 527 IS TO BE ROUTED NORTH ON SR 15/ 600 (US 17-92) TO SR 436.
- TEMPORARILY IMPLEMENT NO ON-STREET PARKING ON HOLT AVENUE FOR DURATION OF DETOUR.
- IMPLEMENT ROAD CLOSURE PER THE DETAIL.
- PROVIDE TRAFFIC CONTROL OFFICER AT THE PENNSYLVANIA AVENUE/SR 426/ORANGE AVENUE INTERSECTION, THE PENNSYLVANIA AVENUE/HOLT AVENUE INTERSECTION, HOLT AVENUE/ NEW YORK AVENUE INTERSECTION, AND THE NEW YORK AVENUE/ SR 426 INTERSECTION TO DIRECT TRAFFIC AND OVERRIDE THE SIGNAL FOR THE DURATION OF THE CLOSURE.
- CONTACT ROLLINS COLLEGE, KEN MILLER AT 407-646-2999, 72 HOURS IN ADVANCE OF IMPLEMENTING THE DETOUR FOR NOTIFICATION.



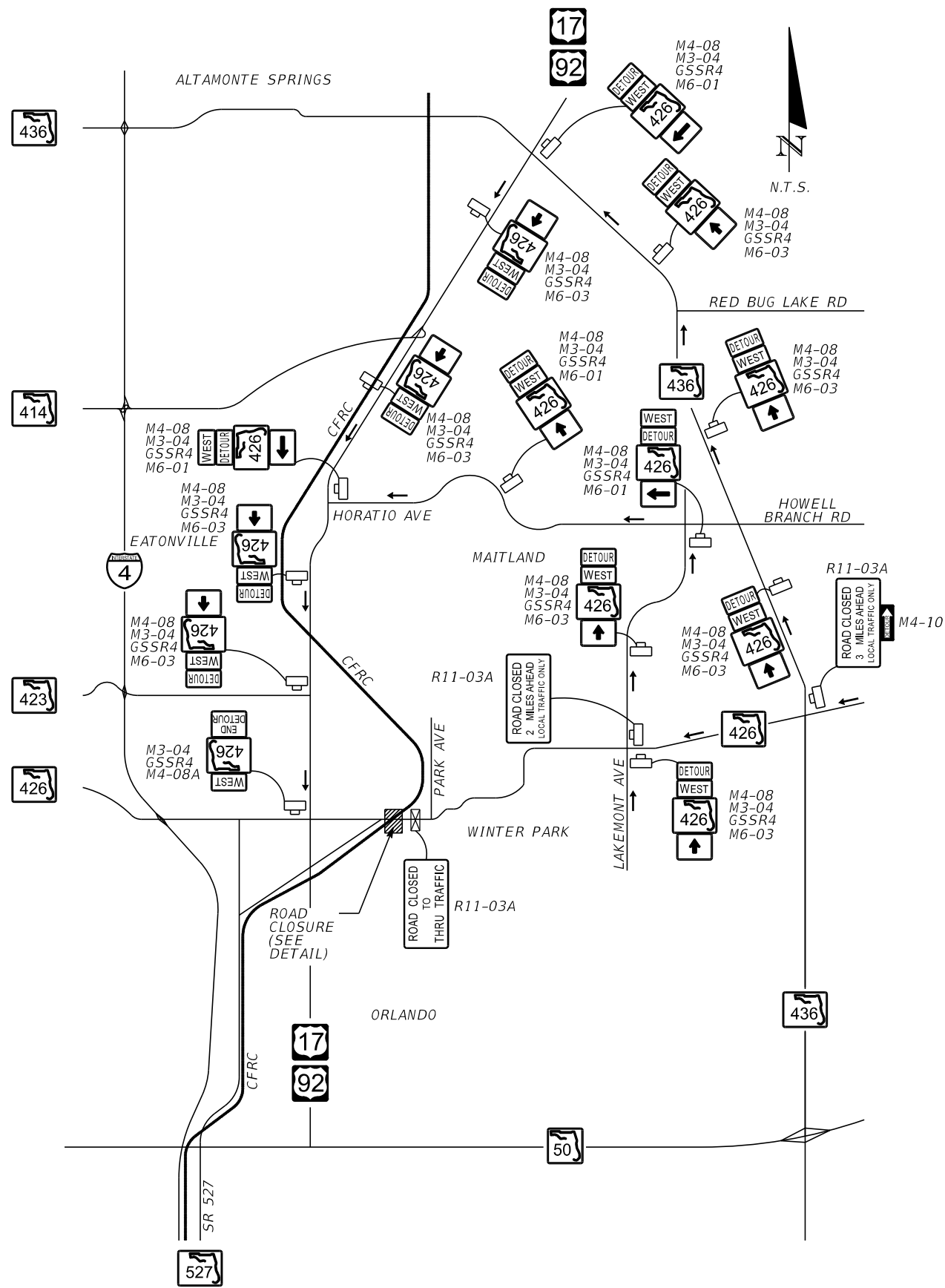
NOTE: EASTBOUND DETOUR, WESTBOUND DETOUR, AND ROAD CLOSURE DETAIL TO BE OPERATED CONCURRENTLY. THE DETOURS HAVE BEEN SEPARATED FOR CLARITY OF INTENT.

REVISIONS				ENGINEER OF RECORD: MATTHEW S. ROSS P.E. NO.: 56977 HNTB CORPORATION 610 CRESCENT EXECUTIVE COURT SUITE 400, LAKE MARY, FL 32746 (407) 805-0355 CERT. OF AUTH. NO. 6500	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 11
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					CFRC	ORANGE / SEMINOLE	427956-172-27	

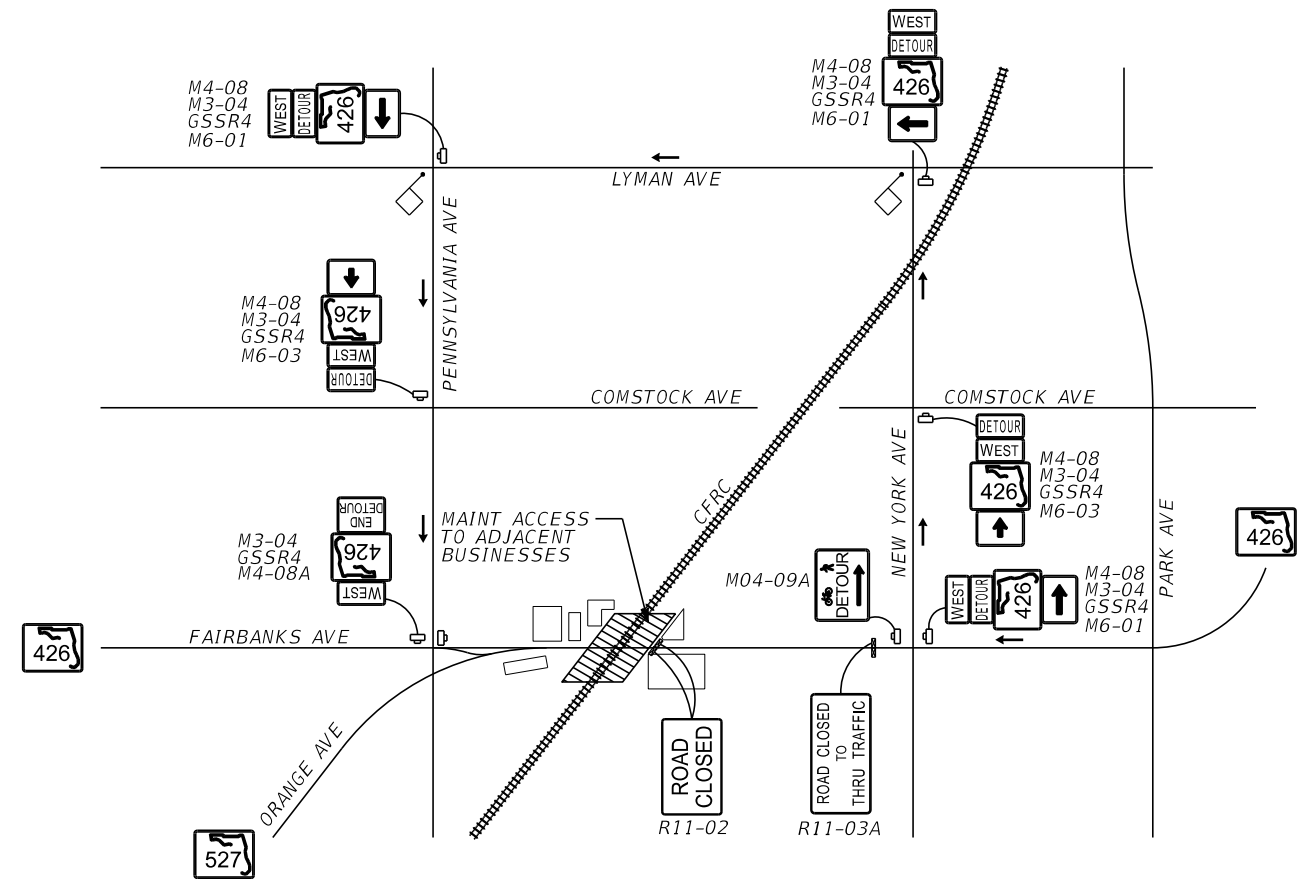
**SR 426 (FAIRBANKS AVENUE)
EASTBOUND DETOUR**

TRAFFIC CONTROL PLAN

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



- DETOUR NOTES:**
1. LANE CLOSURE TIMES NOTED IN THE TRAFFIC CONTROL NOTES ARE NOT APPLICABLE TO THE CLOSURE DETOUR. DAY, TIME AND DURATION ARE TO BE APPROVED BY THE ENGINEER. CLOSURE IS LIMITED TO A 12 HOUR OVERNIGHT MAXIMUM CONTINUOUS WORK PERIOD.
 2. REDUCE WESTBOUND SR 426 TO ONE THROUGH LANE UTILIZING INDEX 616 AT NEW YORK AVENUE. MAINTAIN THE LEFT TURN LANE.
 3. WESTBOUND SR 426 IS TO BE ROUTED NORTH ON SR 436 TO 15/ 600 (US 17-92).
 4. SUPPLEMENTARY DETOUR TO BE PROVIDED AT LAKEMONT AVENUE. LAKEMONT AVENUE TO BE ROUTED NORTH TO HORATIO AVENUE/ HOWELL BRANCH ROAD.
 5. IMPLEMENT ROAD CLOSURE PER THE DETAIL.
 6. PROVIDE TRAFFIC CONTROL OFFICER AT THE NEW YORK AVENUE/SR 426 INTERSECTION, NEW YORK AVENUE/ LYMAN AVENUE INTERSECTION AND LYMAN AVENUE/PENNSYLVANIA AVENUE INTERSECTION TO DIRECT TRAFFIC AND OVERRIDE THE SIGNAL FOR THE DURATION OF THE CLOSURE.
 7. CONTACT ROLLINS COLLEGE, KEN MILLER AT 407-646-2999, 72 HOURS IN ADVANCE OF IMPLEMENTING THE DETOUR FOR NOTIFICATION.



ROAD CLOSURE DETAIL (WB)
N.T.S.

LEGEND:

- ☐ TRAFFIC CONTROL OFFICER
- ☐ WORK ZONE SIGN
- ☒ TYPE III BARRICADE
- ▨ WORK ZONE
- ← DIRECTION OF DETOUR

- NORTH M3-01
- EAST M3-02
- SOUTH M3-03
- WEST M3-04

NOTE: EASTBOUND DETOUR, WESTBOUND DETOUR, AND ROAD CLOSURE DETAIL TO BE OPERATED CONCURRENTLY. THE DETOURS HAVE BEEN SEPARATED FOR CLARITY OF INTENT.

**SR 426 (FAIRBANKS AVENUE)
WESTBOUND DETOUR**

REVISIONS				ENGINEER OF RECORD: MATTHEW S. ROSS P.E. NO.: 56977 HNTB CORPORATION 610 CRESCENT EXECUTIVE COURT SUITE 400, LAKE MARY, FL 32746 (407) 805-0355 CERT. OF AUTH. NO. 6500	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 12
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					CFRC	ORANGE / SEMINOLE	427956-172-27	

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