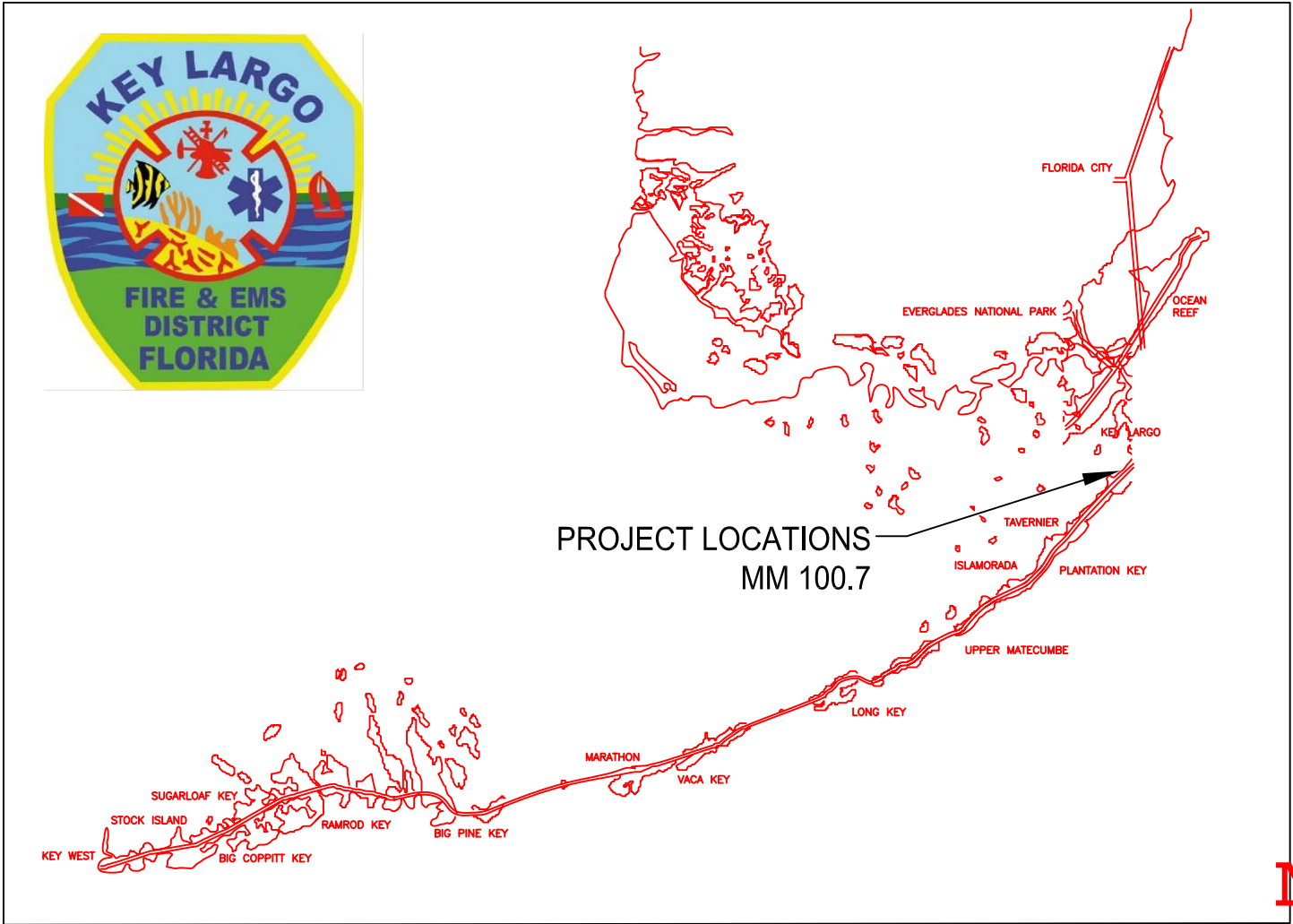



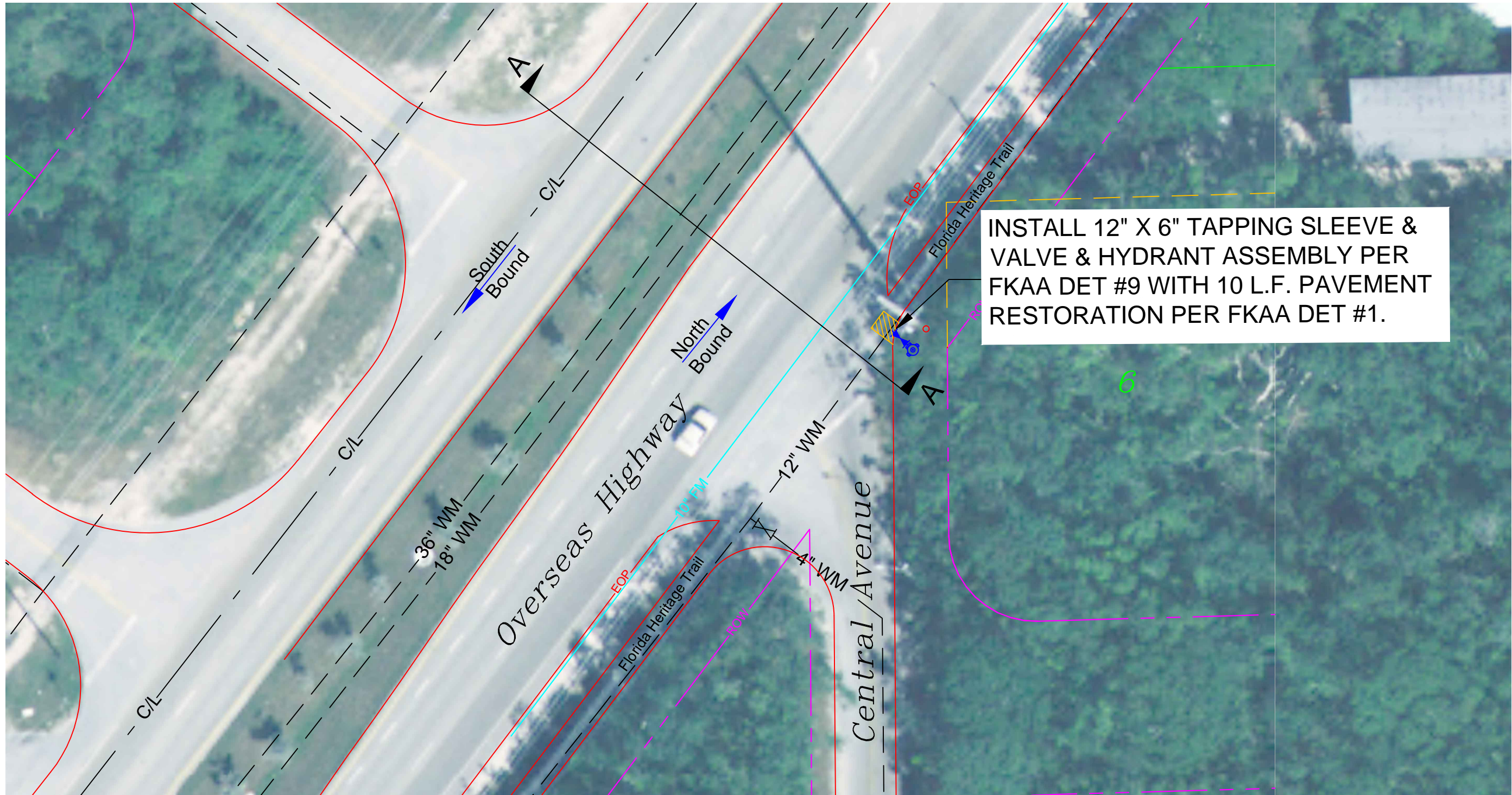
Key Largo
Fire Hydrant Installation
Key Largo, Florida
Island of Key Largo
Subdivision



LOCATION MAP

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Revisions:	
James C. Reynolds, PE Fl. License No. 46685	22972 Overseas Highway Cudjoe Key, Fl. 33042 305-394-5987 Jim@Reynoldsengeeningservices.com
	
Key Largo Fire Hydrant Central Avenue & US1 Key Largo, Florida	
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INSTALL 12" X 6" TAPPING SLEEVE & VALVE & HYDRANT ASSEMBLY PER FKAA DET #9 WITH 10 L.F. PAVEMENT RESTORATION PER FKAA DET #1.



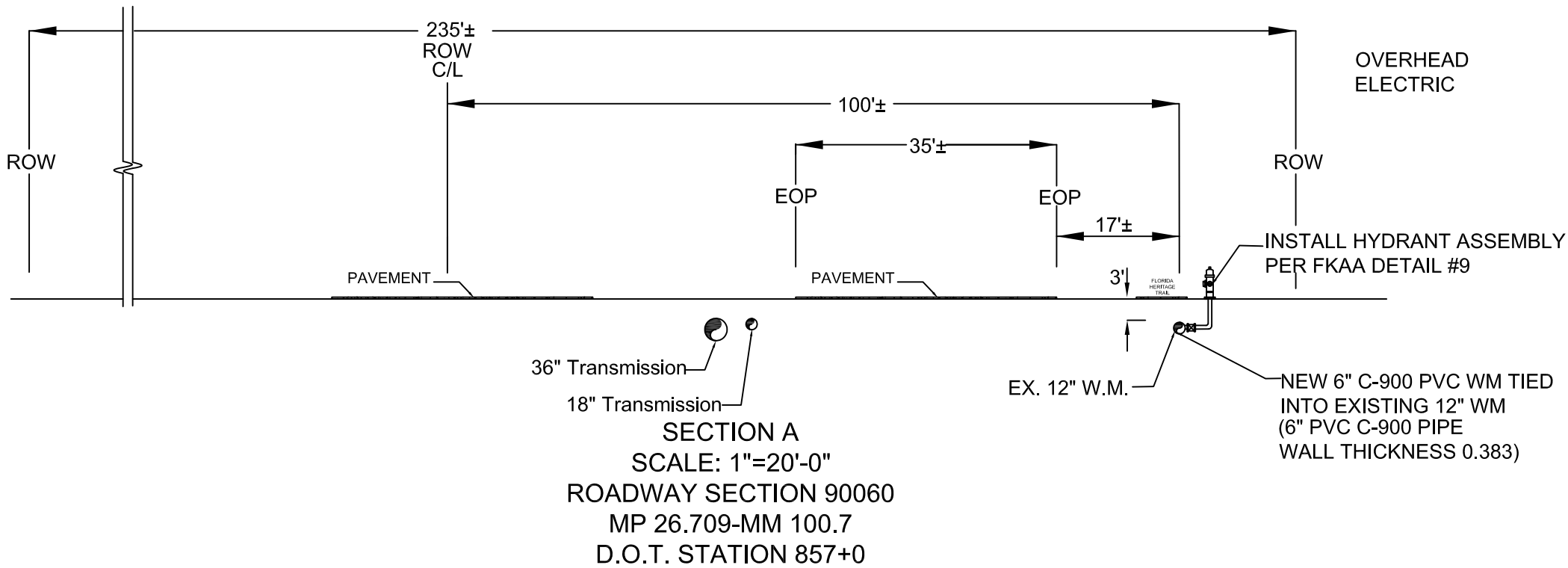
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NOTE:
 ALL WORK MUST CONFORM TO FKAA MINIMUM DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS.

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FLORIDA DEPARTMENT OF TRANSPORTATION GENERAL NOTES:

1. CONTACT THE LOCAL MAINTENANCE OFFICE (305) 289-4360 TO COORDINATE PRE-CONSTRUCTION MEETING FOURTEEN (14) WORKING DAYS AND TO PROVIDE FORTY-EIGHT (48) HOURS NOTIFICATION PRIOR TO BEGINNING PERMITTED WORK.
2. SUBMIT LANE CLOSURE REQUESTS AT THE LANE CLOSURE INFORMATION SYSTEM WEBSITE (<http://gis.atectrans.net/lcis/>) FOURTEEN (14) WORKING DAYS PRIOR TO BEGINNING WORK WITHIN THE FDOT RIGHT-OF WAY.
3. WORKING HOURS WITHIN THE STATE RIGHT-OF-WAY SHALL BE FROM 9:00 AM TO 4:00 PM, OR AS DIRECTED BY THE DEPARTMENT REPRESENTATIVE PRIOR TO COMMENCING WORK. THERE SHALL BE NO LANE CLOSURES ON WEEKENDS, HOLIDAYS AND SPECIAL EVENTS WITHOUT PRIOR WRITTEN APPROVAL..
4. VALIDITY OF THIS PERMIT IS CONTINGENT UPON OBTAINING REQUIRED PERMITS FROM ALL OTHER AGENCIES INVOLVED.
5. ALL WORK MUST BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE *FDOT UTILITY ACCOMMODATION MANUAL*, *FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION* AND *FDOT DESIGN STANDARDS*.
6. PERMITTEE IS CAUTIONED THAT UTILITIES MAY BE LOCATED WITHIN THE CONSTRUCTION AREA. CALL 811 TWO (2) DAYS PRIOR TO BEGINNING WORK.
7. SAFE TEMPORARY ACCESS TO ALL ADJACENT PROPERTIES MUST BE PROVIDED AND MAINTAINED AT ALL TIMES. ACCOMMODATIONS FOR INTERSECTING TRAFFIC WITHIN THE CONSTRUCTION ZONE MUST BE PROVIDED AND MAINTAINED AT ALL TIMES. NO ROAD OR STREET CROSSING SHALL BE BLOCKED OR UNDULY RESTRICTED AS DETERMINED BY THE FDOT DEPARTMENT REPRESENTATIVE. ALL ACCESSES SHALL REMAIN OPEN AT ALL TIMES.
8. NO UNSAFE AREA(S) FOR PEDESTRIANS WILL REMAIN DURING ANY TIME OF THE CONSTRUCTION. PEDESTRIAN CONTROL FOR CLOSURE OF ROADS AND SIDEWALKS SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE *FDOT DESIGN STANDARDS AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION*.
9. A COPY OF THE APPROVED PERMIT, APPROVED PLANS AND APPROVED LANE CLOSURE(S) MUST BE KEPT ON THE JOB SITE AT ALL TIMES DURING THE PERMITTED WORK.
10. IN THE EVENT THAT THE ROADWAY PAVEMENT IS DAMAGED, IT SHALL BE RESTORED IN FULL LANE TO MATCH OR EXCEED EXISTING CONDITIONS AND IN ACCORDANCE WITH THE LATEST EDITIONS OF THE *FDOT DESIGN STANDARDS AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION*.
11. OPEN CUTTING OF EXISTING PAVED DRIVEWAY CONNECTIONS AND SIDE STREETS SHALL BE RESTORED IN FULL LANE FROM EDGE OF PAVEMENT TO FDOT RIGHT-OF-WAY LINE.
12. THE USE OF STEEL PLATES WILL BE AT THE DISCRETION AND APPROVAL OF THE DEPARTMENT REPRESENTATIVE. PLATES MUST BE SECURED WITH SPIKES AND COMPACTED ASPHALT.
13. TYPE D4 FILTER FABRIC IS REQUIRED BY THE DEPARTMENT TO BE PLACED WHERE ANY MATERIAL THAT CAN, DURING THE PROJECT LIFE BE SUBJECTED TO HIGH WATER TABLE, WHETHER IT IS PLACED IN THE DRY OR IN THE WET AND REQUIRES A FULL ENCAPSULATION OF THE GRANULAR MATERIAL.
14. WHEN PERMITTED WORK IS WITHIN FIVE (5) FT OF THE EXISTING TREES' DRIP LINES, TREE PROTECTION MEETING THE LATEST EDITION OF THE *FDOT DESIGN STANDARD INDEX 544* MUST BE INSTALLED.
15. ROOT OR CANOPY TRIMMING REQUIRED TO REDUCE THE IMPACTS TO THE EXISTING VEGETATION MUST BE OVERSEEN BY A CERTIFIED ARBORIST.
16. FDOT APPROVED EROSION DEVICES MUST BE PLACED BEFORE PERMITTED WORK BEGINS AND MAINTAINED THROUGHOUT THE PROJECT.
17. ALL FINAL RESTORATION SHALL BE COORDINATED WITH THE DEPARTMENT REPRESENTATIVE. ALL PORTIONS OF THE STATE RIGHT-OF-WAY SHALL BE RESTORED WITHIN THIRTY (30) DAYS OF COMPLETION OF THE PERMITTED WORK.
18. WHEN FDOT ROADWAY IMPROVEMENTS HAVE COMMENCED OR BEEN COMPLETED PRIOR TO COMPLETION OF WORK PERMITTED UNDER THIS PERMIT, THIS PERMIT SHALL BECOME VOID.

ENVIRONMENTAL NOTES:

1. ENSURE APPROPRIATE EROSION CONTROL DEVICES ARE IN PLACE BEFORE WORK BEGINS AND ARE USED THROUGHOUT THE PROJECT.
2. NO CONTAMINATION ISSUES ARE EXPECTED GIVEN THE SCOPE OF THE PROJECT; HOWEVER, THE FOLLOWING PROTOCOL SHOULD BE IMPLEMENTED:
-IN THE EVENT THAT SOIL OR GROUNDWATER CONTAMINATION IS IDENTIFIED DURING EXCAVATION, THE APPLICANT IS TO CONTACT THE ASSISTANT CONTAMINATION IMPACT COORDINATOR AT (305) 470-5138 AND PROVIDE THE DEPARTMENT COPIES OF CONTAMINATION-RELATED DELIVERABLES SUBMITTED TO ENVIRONMENTAL REGULATORY AGENCIES. THE REPORTS ARE TO BE SUBMITTED TO THE DISTRICT CONTAMINATION IMPACT COORDINATOR AT 1000 N.W. 111TH AVENUE, MIAMI, FL 33172-5800 (ROOM #6109).



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Fire Hydrant-#16-01
Central Avenue & US1
Key Largo, Florida

TITLE:

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PVC PIPE RESTRAINT JOINT SCHEDULE

STANDARD DETAIL
DRAWING NO.
4 (1 OF 2)



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**Reynolds
Engineering
Services, Inc.**

FLCA No. 26597

Key Largo Fire Hydrants
Phase 5
Key Largo, Florida

TITLE:

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5/25/2016

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