

PS&E



Lessons Learned

PS&E Lessons Learned

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A short video on the importance of CPR

CPR



Consistent



Consistent



Success is the natural consequence of consistently applying basic fundamentals. Jim Rohn

Consistent



There must be consistency in direction. W. Edwards Deming

Consistent



Consistent



Predictable

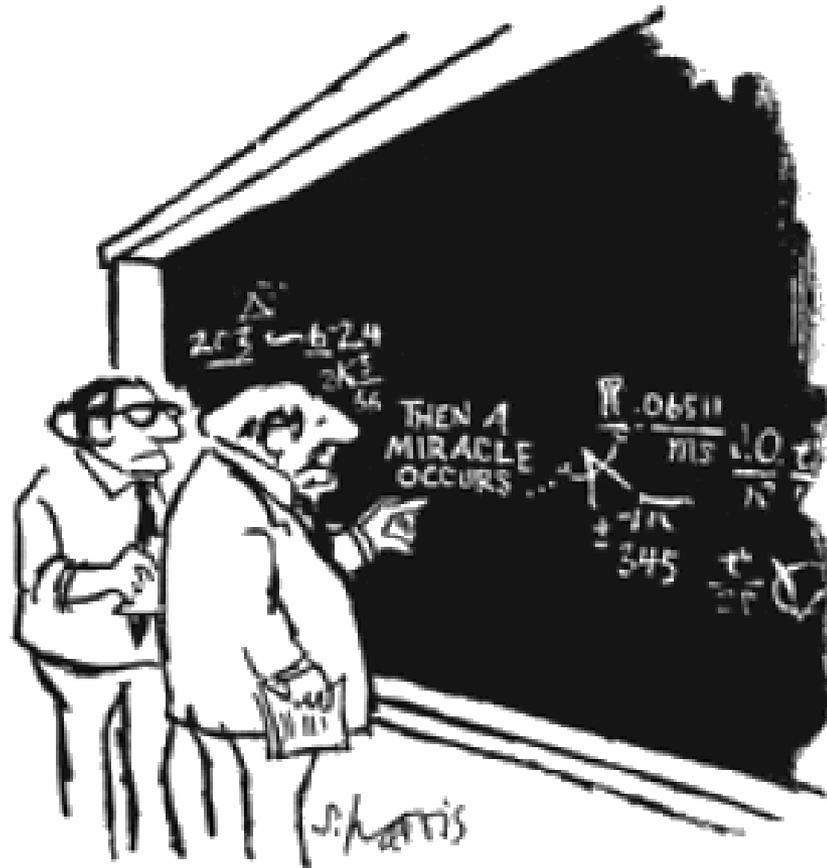


Pre dict a ble [pri-dik-tuh-buh-l] *adjective*

Predictable



Predictable



"I think you should be more explicit here in step two."

Of, relating to, or being something that repeats or is repeated

Predictable

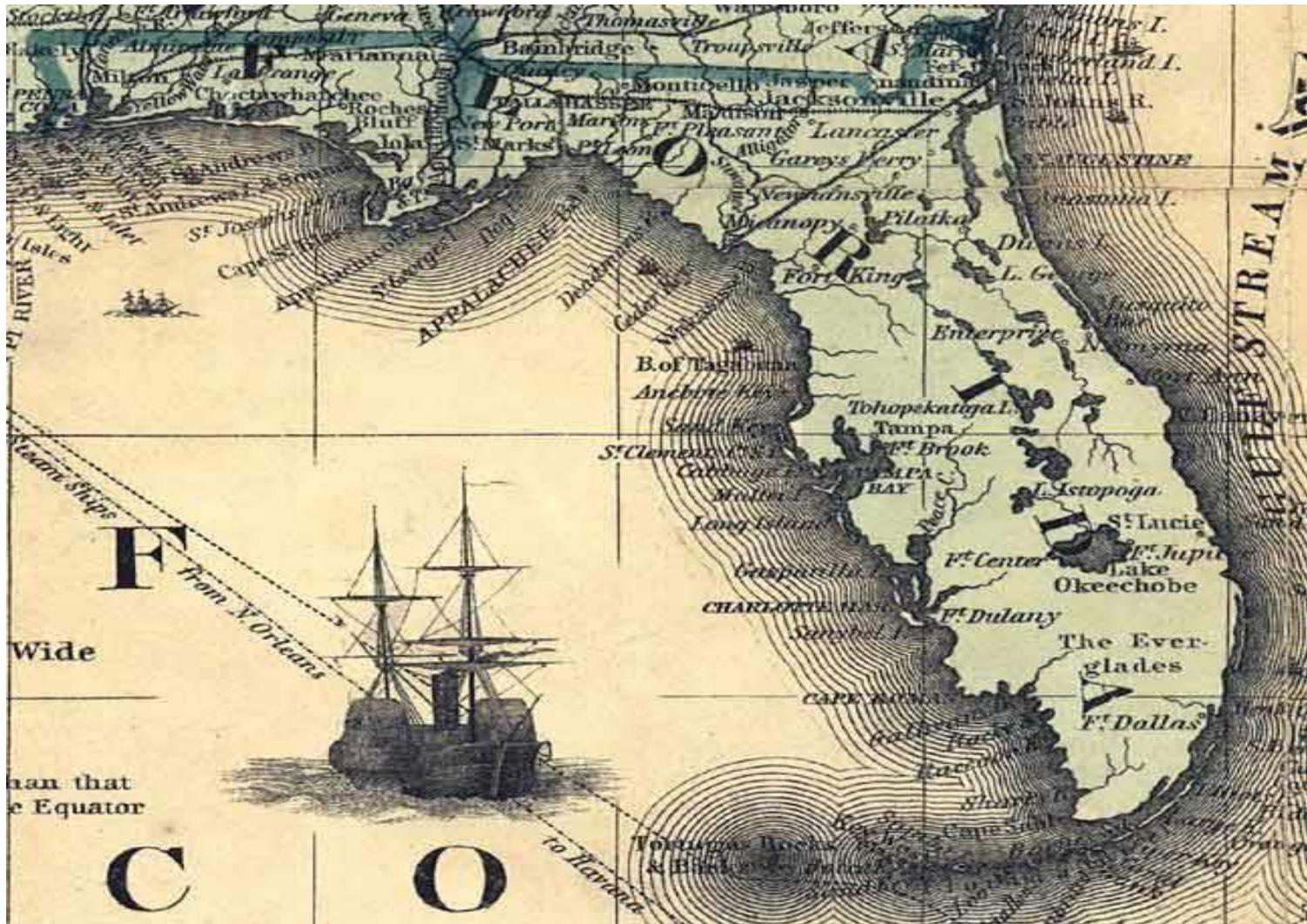


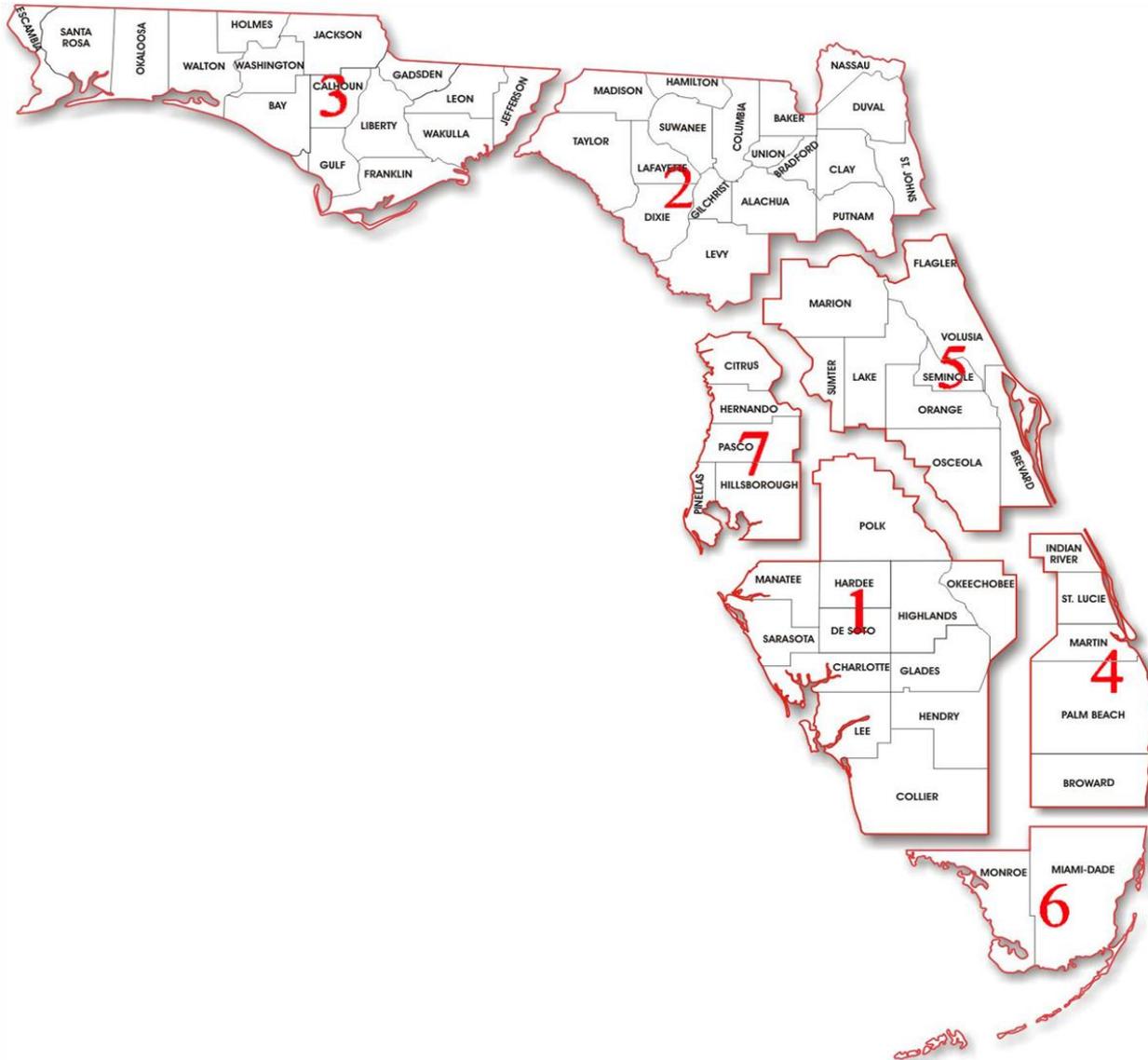
Repeatable



Repeatable







Naming Convention



Naming Convention

Submittal (directories)

xxxxxx15201

xxxxxx15201Etc.

xxxxxx15201Rev1

FTP Directories

Create folder (12345615201) and subdirectories (name the folder either Permits, Utility Work Schedules, Asbestos Abatement Plan or Contamination Assessment Report as applicable)

Do not create folders for projects that do not have permits, utility work schedules, asbestos abatement plan or contamination assessment report (empty folders).

FTP Directories

To view this FTP site in Windows Explorer: press Alt, click **View**, and then click **Open FTP Site in Windows Explorer**.

[Up to higher level directory](#)

05/07/2014 08:50AM

Directory [Permits](#)

05/07/2014 01:24PM

Directory [UWS Work Schedules](#)

FTP Directories

[Up to higher level directory](#)

03/31/2014 01:31PM

3,708,013 [Contamination Assessment Report.pdf](#)

04/16/2014 08:19AM

Directory [Utility Work Schedules](#)

Transmittal Memo

Alternative Contracts need to be identified. Lump Sum, SLLS, SLPQ, A+B, etc.

and

BDIs should be identified, also.

Key Sheet

Basis of horizontal alignment (if other than Baseline of Survey) not defined.

Governing Standards and Specifications

A required note: The scale of these plans may have changed due to reproduction.

Key Sheet

Index of Sheets out of order.

Roadway plans sheets shall be assembled per the

PPM Vol. 2-3.6

Length of Project

Length of project computed incorrectly due to:

using begin/end construction

or

rounding incorrectly

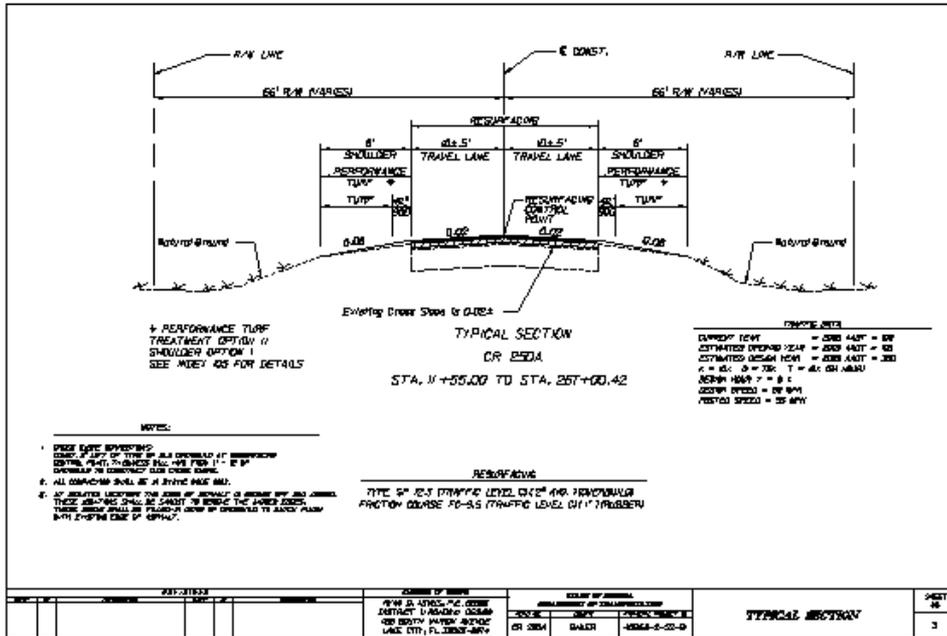
or

math errors

The PPM Vol.2 -3.2.3

Typical Sections

Per the PPM Vol. 2-6.2.3a Mandatory Information.



Typical Sections

Per the PPM Vol. 2-6.2.3a Mandatory Information.

Cross slopes of roadway pavement, shoulder surfaces, sidewalks and bridge decks shall be expressed as a decimal part of a foot vertical per foot horizontal. These cross slopes shall be rounded to two decimal places, i.e., 0.02, 0.06. (See *Volume 1, Chapter 2*).

Typical Sections

Per the PPM Vol. 2-6.2.11 Mandatory Information.

Template dimensions: For widening projects, the existing pavement width shall be shown as a +/- dimension, and the base widening width shall be shown with an asterisk. Note 3, of ***Standard Notes for Typical Section Sheets (Exhibit 6-1)***, shall be shown as near to this noted asterisk as possible.

NOTE: For typical sections with varying dimensions, the dimensions shall be clearly indicated on the plan-profile sheets.

Typical Sections

Missing required note on widening.

Per the PPM Vol. 2 Ch. 6 Exhibit 6-1.3(On widening projects): Actual width of base widening may vary due to actual existing pavement width. Contractor may elect to place uniform width base widening strip at no additional cost to the Department.

Typical Sections

Missing required note on shoulders.

Per the PPM Vol. 2 Ch. 6 Exhibit 6-1.2 (Under paved shoulders): At the contractor's option, this area may be constructed of base material at no additional compensation.

Plan Sheets

R/W not dimensioned. Per the PPM Vol. 2-10.2.7.1. Right of way lines shall be shown. Right of way **shall be** dimensioned only if the applicable typical section shows a varying dimension from the baseline or centerline.

Dimensions of the R/W line shall be from the centerline or baseline, if survey and construction lines are parallel; otherwise it shall be dimensioned from the construction centerline.

Plan Sheets

Traveled way not dimensioned. Per the PPM Vol. 2-10.2.7.3. At locations along the alignment where traveled way dimensions change, or begin to change, the station and dimensions of the traveled way shall be shown.

Plan Sheets

Curve data - Per PPM Vol. 2 Chapter 10.2.2 In cases where the curve extends over more than one sheet, the curve data shall be repeated on each sheet showing the curve.

Plan Notes

A short video on the importance of plan notes

Plan Notes



PPM Vol. 2-10.4 General Notes for Roadway Plan and Roadway Plan-Profile Sheets

General notes are intended to be used to clarify design detail, construction practices or method for payment. **General notes should be kept to a minimum.** Only those notes that are job specific should be used. General notes should only be used to detail uniqueness and not to broaden or curtail requirements in the specifications. **Notes that restate the standard specifications or standard indexes shall not be used.** This will help to place proper emphasis on those notes that are job specific and avoid discrepancy of documents.

GENERAL:

- I. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH FOOT DESIGN STANDARDS DATED 2013, INDEX 600 SERIES.
2. THE ARROWS DENOTE DIRECTION OF TRAFFIC ONLY AND DO NOT REFLECT PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
3. ALL DESIGNATED TURN LANES, SHOWN IN BOTH TRAFFIC CONTROL PLANS AND DETAILS FOR EACH PHASE, TO RECEIVE PAINTED ARROWS PER INDEX 17346.
4. ALL EXISTING WARNING, GUIDE "NEXT SIGNAL" "ROUTE MARKERS" AND REGULATORY SIGNS SHALL BE MAINTAINED VISIBLE AT ALL TIMES. CONFLICTING SIGNS SHALL BE COVERED, RELOCATED OR REMOVED AND STOCKPILED FOR EACH PHASE'S TRAFFIC PATTERN.
5. SHIFTS BETWEEN PHASES SHALL OCCUR ONLY DURING OFF PEAK HOURS, UNLESS OTHERWISE NOTED IN PLAN OR APPROVED BY THE ENGINEER.
6. THE CONTRACTOR SHALL MAINTAIN VISIBLE STREET NAMES DURING CONSTRUCTION OPERATIONS IN ORDER TO FACILITATE EMERGENCY VEHICLE TRAFFIC.
7. THE CONTRACTOR SHALL NOT CLOSE ANY TWO CONSECUTIVE SIDE STREETS IN ANY GIVEN PHASE UNLESS OTHERWISE NOTED IN PLAN OR APPROVED BY THE ENGINEER.
8. LOCATIONS OF WORK ZONE ACCESS TO BE DETERMINED BY THE CONTRACTOR. THE CONTRACTOR SHALL SUBMIT A WRITTEN WORK ZONE ACCESS PLAN FOR EACH PHASE OF CONSTRUCTION TO THE ENGINEER PRIOR TO ACCESSING THE WORK ZONES.
9. THE CONTRACTOR IS ADVISED THAT ADDITIONAL TEMPORARY PAVEMENT WILL BE NEEDED TO PROVIDE SUFFICIENT WIDTH FOR PHASE II LEFT TURN LANES. LOCATIONS FOR THIS ADDITIONAL PAVEMENT IS SHOWN ON THE TRAFFIC CONTROL PLANS FOR PHASE I-B. THIS ADDITIONAL PAVEMENT WILL BE GRADED AT A 2 PERCENT CROSS SLOPE FOR DRAINAGE INTO THE TEMPORARY DITCH. PAYMENT FOR THIS ADDITIONAL WIDENING IS INCLUDED IN PAY ITEM 102-1.
10. THE REGULATORY SPEED FOR S.R. 50 IS 45 M.P.H. DURING ALL PHASES OF CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN SAFE PEDESTRIAN ACCESS TO EXISTING TEMPORARY OR PROPOSED SIDEWALKS AT ALL TIMES.
- II. THE CONTRACTOR SHALL STAGE S.R. 50 CONSTRUCTION TO MAINTAIN PEDESTRIAN TRAFFIC ON TEMPORARY PAVED SIDEWALKS IN ACCORDANCE WITH FOOT INDEX 600. THE CONTRACTOR SHALL MAINTAIN 5' WIDE SIDEWALK ON NORTH SIDE OF S.R. 50 AND 8' WIDE SIDEWALK ON SOUTH SIDE OF S.R. 50, UNLESS DIRECTED OTHERWISE BY THE ENGINEER. COST FOR TEMPORARY SIDEWALKS AND CROSSWALKS ARE CONSIDERED INCIDENTAL TO SPECIAL DETOUR PAY ITEMS (102-2-XX)
12. BUSINESS ENTRANCE SIGNS AND BUSINESS NAME SIGNS SHOWN IN PHASE IB SHALL ALSO BE IN PLACE FOR PHASE IA.
13. BUSINESS ENTRANCE SIGNS AND BUSINESS NAME SIGNS SHOWN IN PHASE 2A SHALL REMAIN IN PLACE UNTIL THE END OF PHASE 2B.
14. PARK MANOR AND O'BERRY HOOVER ROAD: STAGE CONSTRUCT PARK MANOR AND O'BERRY HOOVER ROAD WORK AREA USING INDEX 603 AND 604.
15. PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGNS ARE TO BE PLACED TWO WEEKS BEFORE OPERATION OF NEW SIGNALIZATION AT LAKE BERGE RD. AND ONE WEEK BEFORE TEMPORARY SIDE STREET DETOURS.
16. PROJECT INFORMATION SIGNS ARE REQUIRED IN ACCORDANCE WITH INDEX 600, SHEET 7 OF 13 AND ARE TO BE PAID FOR UNDER ITEM 102-1 MAINTENANCE OF TRAFFIC - LUMP SUM. PROJECT INFORMATION TO BE INCLUDED ON THE SIGN WILL BE ESTABLISHED AT THE PRECONSTRUCTION CONFERENCE.
18. TEMPORARY PAVEMENT FOR SIDEWALKS AND TEMPORARY RAMPS SHALL MEET REQUIREMENT FOR 304 & 3/0 INCLUDING DETECTABLE WARNING SURFACE, SLOPES ND SURFACE.
19. TEMPORARY PAVEMENT FOR TEMPORARY PROFILE GRADE TRANSITIONS AT PAVED INTERSECTIONS IS TO BE CONSTRUCTED OF MULTIPLE LIFTS OF VARIABLE DEPTH ASPHALT IN ACCORDANCE WITH INDEX 600 AS IT APPLIES TO DROPOFFS IN WORK ZONES.
20. A LANE MAY BE CLOSED ONLY DURING THE FOLLOWING TIMES:
 S.R. 50 WESTBOUND 10:00 PM TO 6:00 AM
 S.R. 50 EASTBOUND 10:00 PM TO 7:00 AM
 SIDE STREETS 10:00 PM TO 6:00 AM
 LANE MAY ONLY BE CLOSED DURING ACTIVE WORK PERIODS. LENGTH OF LANE CLOSURE SHALL ALSO BE LIMITED TO 1 MILE (MAXIMUM).

SIGNALS:

- 2/ THE CONTRACTOR SHALL NOTIFY MR. XXX XXXXXX, XXXXXX COUNTY SIGNALS & SIGNING DIVISION (407-836-8085) 48 HOURS PRIOR TO ANY MODIFICATION OR CHANGES IN THE EXISTING TRAFFIC SIGNALS.
22. CONSTRUCTION OF OVERBUILD OR TEMPORARY PAVEMENT SHALL NOT EXCEED LIMITS OF INDEX 600, DROPOFFS IN WORK ZONES.
23. BOTH PROPOSED AND TEMPORARY SIGNALS SHALL BE INSTALLED AND MADE OPERATIONAL PRIOR TO THE REMOVAL OF THE EXISTING SYSTEM AND SHALL BE ADJUSTED TO THE TRAFFIC NEEDS FOR EACH CONSTRUCTION PHASE.
24. TEMPORARY SIGNALS SHALL BE INSTALLED AND MAINTAINED AS NECESSARY UNTIL PROPOSED SIGNALS ARE OPERATIONAL AND ACCEPTED BY THE ENGINEER. SIGNALIZED INTERSECTIONS MUST HAVE PEDESTRIAN SIGNALS INSTALLED AS NECESSARY. COST TO BE INCLUDED IN 102-10 TEMPORARY SIGNALIZATION AND MAINTENANCE OF INTERSECTION.

TEMPORARY STRIPING:

25. AFTER REMOVAL OF TEMPORARY PAVEMENT, THE CONTRACTOR SHALL RESTORE SIDE STREETS TO THEIR ORIGINAL CONDITION PRIOR TO CONSTRUCTION. ALL LABOR AND MATERIALS REQUIRED FOR THIS RESTORATION WILL BE CONSIDERED INCIDENTAL TO MAINTENANCE OF TRAFFIC PAY ITEM 102-1. THIS INCLUDES, BUT NOT LIMITED TO, REPLACEMENT OF ALL CURB/GUTTER, SIDEWALK AND ANY SOD PREVIOUSLY DISTURBED BY THIS TEMPORARY PAVEMENT, AS WELL AS REMOVAL OF TEMPORARY STRIPING AND REPLACEMENT OF PERMANENT STRIPING IN ALL AREAS AFFECTED OUTSIDE THE LIMITS OF CONSTRUCTION.
26. TEMPORARY REFLECTIVE PAVEMENT MARKERS TO SUPPLEMENT PAVEMENT MARKINGS PER INDEX 600 SERIES.
27. CONTRACTOR SHALL INSTALL AND MAINTAIN 24" WHITE STOP BARS WHEREVER SHOWN ON THE TRAFFIC CONTROL PLANS AND DETAIL SHEETS. PAYMENT FOR THESE STOP BARS WILL BE MADE UNDER PAY ITEM 710-11-125.
28. ALL CONFLICTING TRAFFIC STRIPING SHALL BE REMOVED BY WATER BLASTING METHOD ONLY. IF EXISTING OR TEMP. PAVEMENT IS DAMAGED DURING WATER BLASTING, IT SHALL BE REPAIRED AND MADE FLUSH TO THE ADJACENT ASPHALT. PAYMENT FOR THIS WORK WILL BE CONSIDERED INCIDENTAL TO PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
- DRAINAGE:**
29. ALL EARTHWORK OPERATIONS, TEMPORARY PIPE, TEMPORARY CROSS DRAINS, INSTALLATION AND REMOVAL OF TEMPORARY CAPS FOR PERMANENT DRAINAGE STRUCTURES, SUITABLE BACKFILL MATERIAL AND ALL ASSOCIATED ACCESSORIES SUCH AS WIRE MESH, CLAMPS, ETC. REQUIRED TO INSTALL AND MAINTAIN THE TEMPORARY DRAINAGE SYSTEM WILL BE CONSIDERED INCIDENTAL TO THE MAINTENANCE OF TRAFFIC PAY ITEM 102-1.
30. THE TEMPORARY DITCHES CONSTRUCTED IN PHASE IB SHALL REMAIN THROUGH THE COMPLETION OF PHASE II.
31. AT THE COMPLETION OF PHASE II CONSTRUCTION AND PRIOR TO THE COMMENCEMENT OF PHASE III CONSTRUCTION, THE TEMPORARY INLETS, ELBOWS AND ALL TEMPORARY PIPE ARE TO BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. TEMPORARY CROSS DRAINS ARE TO BE COMPLETELY FILLED WITH FLOWABLE FILL. TEMPORARY SOD IN THE DITCH IS TO BE REMOVED PRIOR TO PHASE III EMBANKMENT CONSTRUCTION. ALL COSTS ASSOCIATED WITH THIS WORK IS TO BE CONSIDERED INCIDENTAL TO THE MAINTENANCE OF TRAFFIC PAY ITEM 102-1.
32. UPON COMPLETION OF FILLING TEMPORARY DRAINAGE PIPES, OPENINGS IN PERMANENT STRUCTURES WITH TEMPORARY PIPE ARE TO BE PLUGGED USING BRICK AND MORTAR TO ENSURE A WATERTIGHT SEAL. THIS WORK IS CONSIDERED TO BE INCIDENTAL TO THAT SPECIFIC INLET PAY ITEM.
33. CONTRACTOR WILL BE REQUIRED TO MAINTAIN POSITIVE DRAINAGE AT ALL TIMES. THIS MAY REQUIRE MODIFYING NEW DRAINAGE STRUCTURES, AS SHOWN IN INDEX 201, SHEET 2 OF 5, TO ACCEPT STORM RUNOFF PRIOR TO FINAL COURSE OF FRICTION COURSE.
34. YARD DRAINS & TRENCH DRAINS SHALL BE REGULARLY MAINTAINED AND KEPT FREE OF DEBRIS.
35. ADJUST SIDE SLOPES AS NECESSARY AT YARD DRAIN LOCATIONS TO ENSURE PROPER INSTALLATION AND FUNCTION.
36. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN MINIMUM 2-YR FLOWS AT ALL TIMES AT THE FOLLOWING LOCATIONS:
 STA. 527+50 - 8'x6' CBC - Q = 132 CFS
 STA. 556+80 - (3110'x10') CBC - Q = 181 CFS
 STA. 681+00 - (2) 8'x6' CBC - Q = 56 CFS
 STA. 710+10 - (2112'x8') CBC - Q = 220 CFS
37. THE CONTRACTOR MAY CLOSE ONE BARREL AT A TIME USING A TEMPORARY DAM OR DIVERSION
 PIPE. XXXXXXXXXXXX COUNTY XXXXXXXXXXXX XXXXXXXXXXXX (XXXXXXXX):
38. THE CONTRACTOR SHALL NOTIFY THE XXXXX A MINIMUM OF TWO WEEKS PRIOR TO CONSTRUCTION AT SR XXXX.
39. ALL CHANGES AT SR 408 TO THE TRAFFIC CONTROL PLANS MUST BE APPROVED BY THE XXXXXX.

XXX BUS RAPID TRANSIT SERVICE:

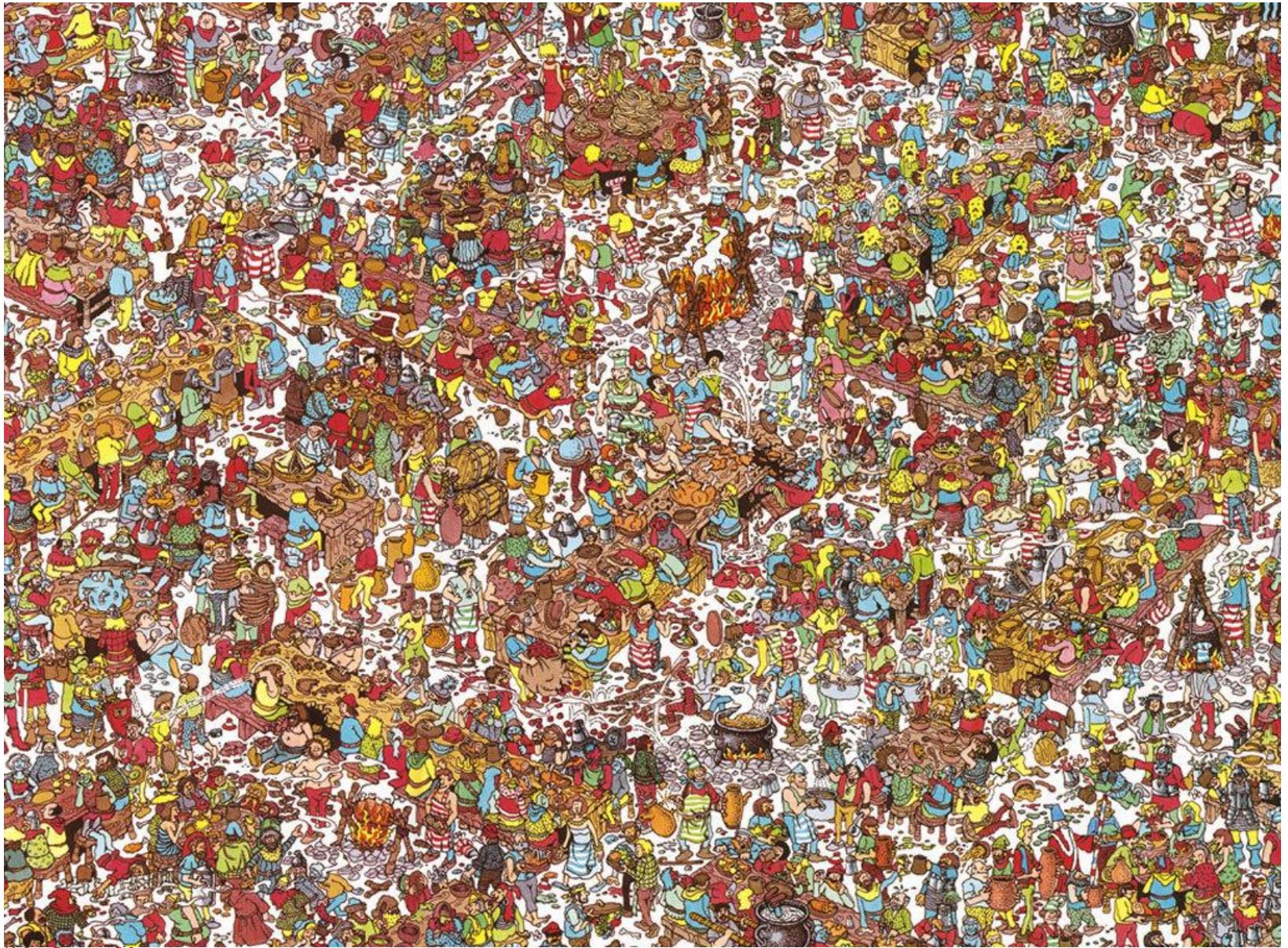
40. THE CONTRACTOR MUST PLAN FOR BUS STOPS TO REMAIN IN USE, INCLUDING PEDESTRIAN ACCESS UTILIZING TEMP. SIDEWALK TO AND FROM THE STOPS. INDIVIDUALS WHO REQUIRE ACCESS TO THE BUS CANNOT BE DENIED THIS ACCESS DURING THE CONSTRUCTION PERIOD.
41. LYNX WILL CONTINUE TO PROVIDE BUS SERVICE FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL MAINTAIN VEHICULAR AND PEDESTRIAN ACCESS TO ALL BUS STOPS DURING ALL PHASES OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY LYNX ONE (1) WEEK PRIOR TO IMPLEMENTING AM LANE CLOSURE, TRAFFIC SHIFT OR DETOUR TO COORDINATE ANY BUS ROUTE RE-ROUTING OR BUS STOP RELOCATION.
42. ADVANCE NOTICE OF LANE CLOSURES OR INTERSECTION CLOSURES AND RESTRICTIONS SHOULD BE SHARED WITH LYNX WITH AT LEAST 7 DAYS NOTICE, WHERE POSSIBLE. NOTIFICATION SHOULD BE SENT TO THE ASSISTANT CHIEF SUPERVISOR AT (407) 254-6207 (XXXXXXXXXX@LYNX.COM) WITH A COPY TO THE CHIEF SUPERVISOR AT (407)254-6223 (XXXXXXXXXX@LYNX.COM) AND THE BUS STOP COORDINATOR AT (407)254-6136 (XXXXXXXXXX@LYNX.COM).
43. ACCESS TO LYNX BUSES SHOULD REMAIN OPEN, BUSES MAKE TURNING MOVEMENTS IN YOUR PROJECT AREA. THESE MANEUVERS WILL NEED TO BE POSSIBLE THROUGHOUT CONSTRUCTION. THE LYNX ROUTE SYSTEM MAP IS AVAILABLE ONLINE AT WWW.XXXXXX.COM.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TRAFFIC CONTROL PLAN GENERAL NOTES	SHEET NO. 69
ROAD NO.	COUNTY	FINANCIAL PROJECT ID		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 60G 15-23.003, F.A.C.



Boilerplate

Found on a recent set of bridge repair plans:

5. The new self lubricating plates shall meet Section 964 of the Standard Specifications.

This outdated spec is from 2004. In the current FDOT Specifications, there is no Section 964.

Special Items

- * Pay item 523 Patterned pavement

Per the PPM Vol. 1-2.1.6.2, prior to the installation of patterned pavement crosswalks in intersections on the State Highway System, a Maintenance Memorandum of Agreement **shall** be entered into with the local government agency requesting this aesthetic enhancement to the project.

Pay Item Notes

Key flags we look for:

“Includes the cost of...”

Specification changes

Redundant statements

Specifications Changing

“Fence - Includes the cost of proposed swing gate and gate for walkway. Includes the cost of removal of existing fence. “

“Gates are a separate pay item (See 550-5).”

This note is redundant to FDOT Specification 550.

CPR

Another short video on the importance of CPR

CPR



Plan Notes

Missing Note

Per the PPM - The first General Note **shall always** identify the project benchmark datum.)

Plan Notes

All public land corners and primary network control survey monuments are to be protected by the contractor. Corners and monuments within the work zone and in danger of being damaged, destroyed or covered shall be properly referenced by a registered land surveyor in accordance with the minimum technical standards of the Florida Board of Professional Land Surveyor (sic) prior to the beginning of work. Upon project completion the contractor shall restore all such corners and monuments and shall furnish to the District Location Surveyor signed and sealed copy of the land surveyor's reference drawing. Include all cost of referencing, restoring and preserving corners and monuments in the bid price for item 101-1 mobilization.

Plan Notes

Here is the proper note.

Per the PPM Vol. 2 Exhibit 10-1, If any Public Land Corner within the limits of construction is in danger of being destroyed and has not been properly referenced, immediately notify the Engineer in conjunction with the District Location Surveyor.

Plan Notes

The contractor is to maintain and keep street name identification visible during construction operations, in order to facilitate emergency vehicle traffic.

This note is redundant to FDOT Specifications 102.

Plan Notes

The contractor shall place retro-reflective pavement markers at all locations where new paint is applied. Placement of retro-reflective pavement markers shall be in accordance with index 17352.

This note is redundant to FDOT Design Standards index 17352 and index 600 13 of 13 and FDOT Specifications 706-4.

Plan Notes

At no time shall the contractor close any two consecutive side streets or median openings.

This note is redundant to FDOT Specifications 102 and 8-3.4, 8-4.3, etc.

Plan Notes

The contractor shall maintain pedestrian traffic on at least one side of SRxxx at all times. Refer to index 660 for pedestrian control for closure of sidewalks.

This note is redundant to FDOT Specifications 102-1, 102-5.5, 8-3.4, ADA and FDOT Design Standards 660 and 600.

Plan Notes

...mix of 80% sand and 20% muck...

This note is prescriptive.

Plan Notes

Conduit under reconstruction of sidewalk shall be placed prior to placing pavement.

This note is prescriptive.

CPR

The final short video on the importance of CPR.

CPR

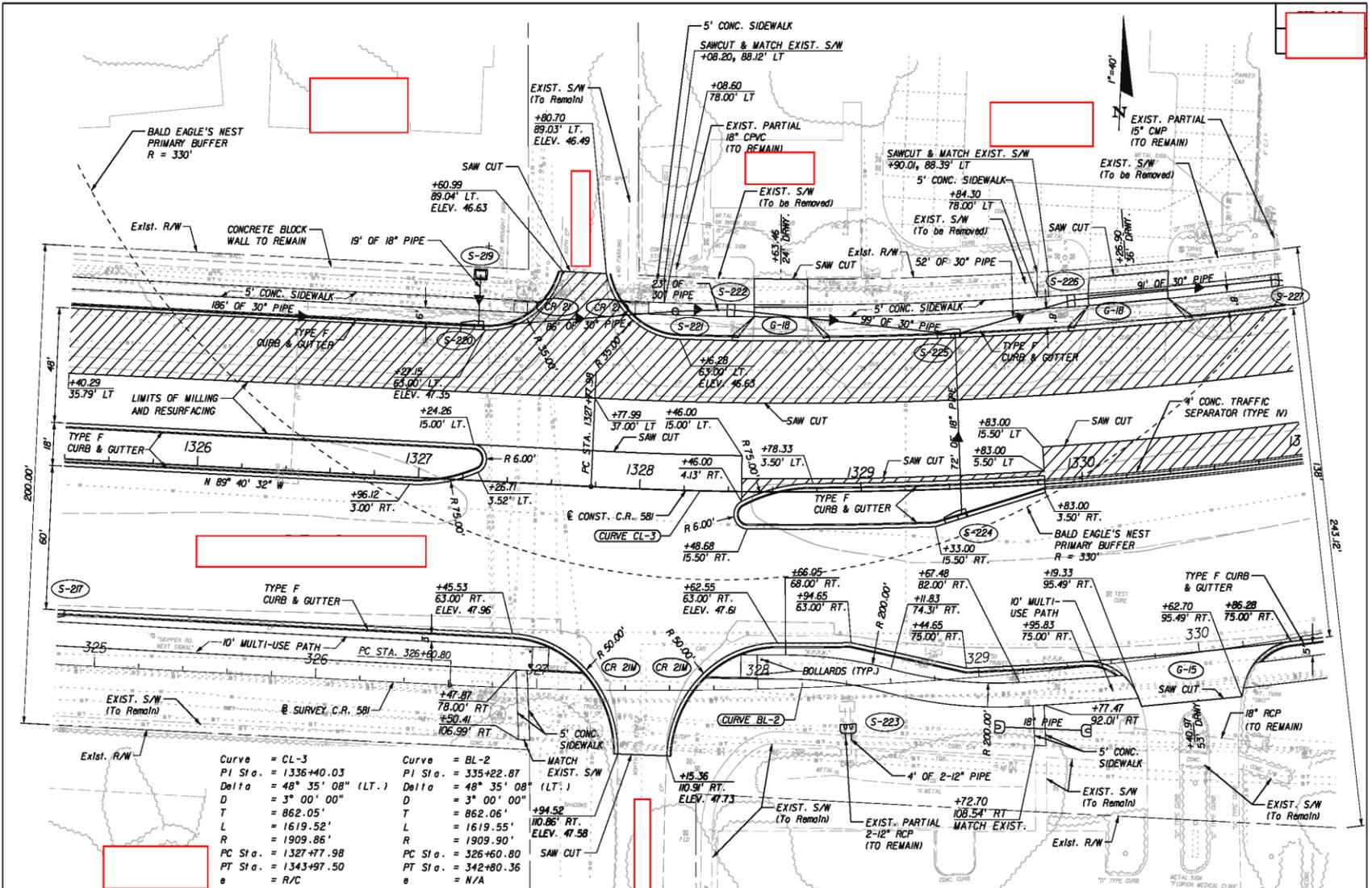


One More Thing

The contractor's attention is directed to the presence of a bald eagle nest near the project site. Refer to the construction plans for approximate location. The contractor will implement the following protection measures:

A. Maintain a buffer of at least 330 feet (100 meters) between Construction activities and any bald eagle Nest site.

B. Construction between 330 and 660 feet of any bald eagle nest site will either occur outside of the nesting season. The non-nesting season is May 16 through September 30; or a qualified biologist approved by the project engineer, will monitor the nest in accordance with the USFWS September 2007 bald eagle: monitoring guidelines. Any work will stop immediately if disturbance is observed to the eagles or their fledglings, as per the guidelines specifications or the biologist's best judgment. Work will continue to cease until the contractor properly coordinates the issue with the USFWS and receives their approval to continue with construction in the area. Roadway construction from station 1321+06 to station 1334+02 is between 330 to 660 feet of a known bald eagle nest site.



Curve = CL-3	Curve = BL-2	MATCH EXIST. S/W
PI Sta. = 1336+40.03	PI Sta. = 335+22.87	
Delta = 48° 35' 08" (LT.)	Delta = 48° 35' 08" (LT.)	
D = 3' 00' 00"	D = 3' 00' 00"	
T = 862.05'	T = 862.06'	
L = 1619.52'	L = 1619.55'	
R = 1909.86'	R = 1909.90'	
PC Sta. = 1327+77.98	PC Sta. = 326+60.80	
PT Sta. = 1343+97.50	PT Sta. = 342+80.36	
e = R/C	e = N/A	

LEGEND
PAVEMENT WIDENING & RECONSTRUCTION

NO.	DATE	REVISIONS DESCRIPTION	APPROVED	PROJECT NO.	SHEET NO.

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6915-23.003, F.A.C.





PS&E Lessons Learned

Sean Masters

Joe Nalley