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LAKE COUNTY

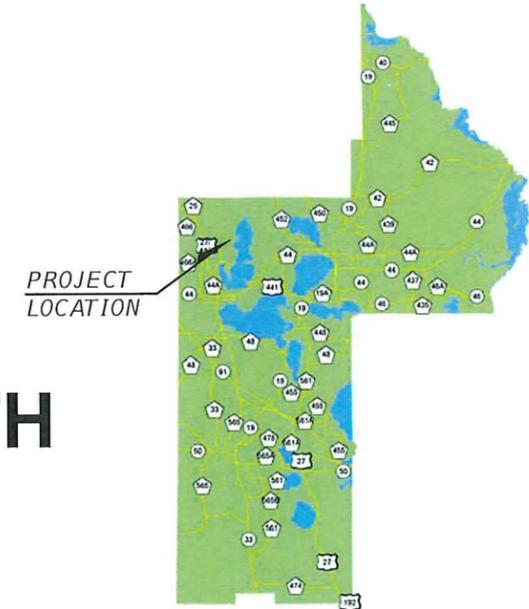
FLORIDA

# GRIFFIN VIEW DR. INTERSECTION WITH HARBOR HILLS BLVD. INTERSECTION IMPROVEMENTS

PROJECT NO. 10058

DECEMBER 2015

END PROJECT



PROJECT LOCATION

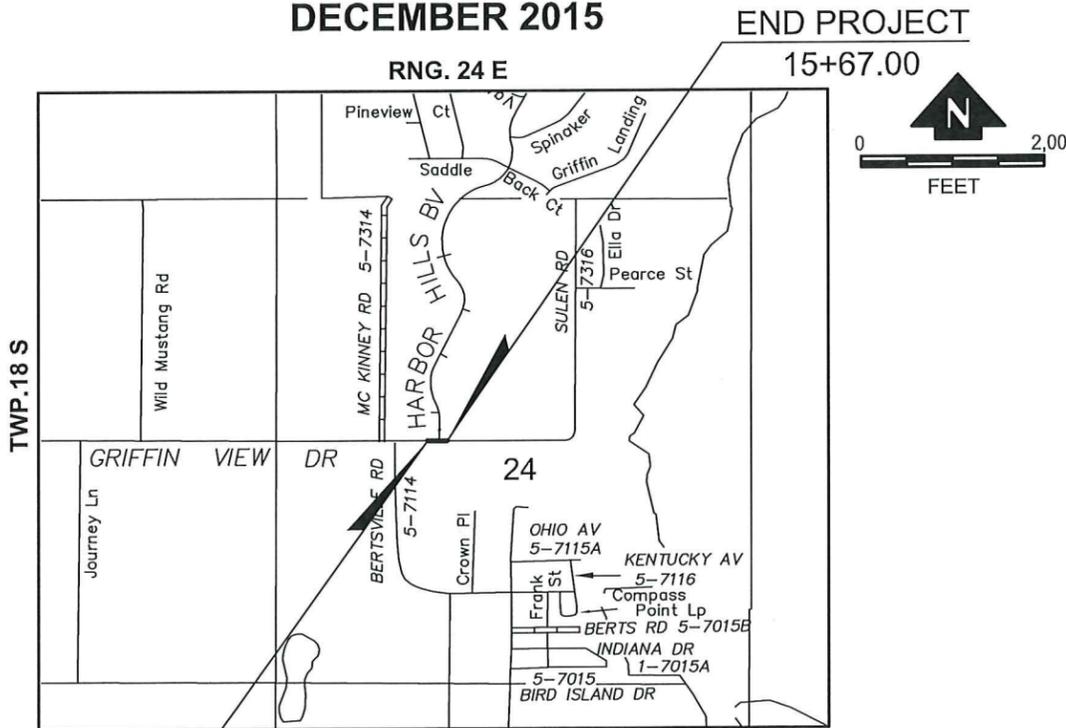
VICINITY MAP  
SEC. 24 , TWP. 18 S, RNG. 24 E

**SHEET INDEX**

NO.	DESCRIPTION
1	COVER SHEET
2	AERIAL MAP
3	GENERAL NOTES
4	LEGENDS
5	TYPICAL ROAD SECTIONS
6	IMPROVEMENT PLAN
7	SIGNING & PAVEMENT MARKING
8-10	CROSS SECTIONS
11	EXHIBIT "A" DRIVEWAY DETAILS

THE ENGINEER OF RECORD CERTIFIES THAT THIS DESIGN IS IN SUBSTANTIAL CONFORMANCE WITH THE STANDARDS ESTABLISHED PURSUANT TO THE FLORIDA DEPARTMENT OF TRANSPORTATION MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS" COMMONLY KNOWN AS THE "FLORIDA GREENBOOK".

APPLICABLE DESIGN STANDARDS MODIFICATIONS: 01-01-15 FOR DESIGN STANDARD MODIFICATIONS CLICK ON "DESIGN STANDARDS" AT THE FOLLOWING WED SITE:  
[HTTP://WWW.DOT.STATE.FL.US.RDDESIGN/](http://www.dot.state.fl.us/rddesign/)



**LAKE COUNTY  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION**  
350 N. SINCLAIR AVENUE  
TAVARES, FLORIDA 32778  
PHONE: (352) 253-6000

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN ALTERED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALE DATA.

BEGIN PROJECT  
STA 09+93.40

LOCATION MAP

PROJECT LENGTH IS BASED ON CL OF CONSTRUCTION

LENGTH OF PROJECT			KEY SHEET REVISIONS		
	LINEAR FEET	MILES	DATE	BY	DESCRIPTION
ROADWAY	574.00	0.109			
BRIDGES SIDEWALKS	0	0.000			
NET LENGTH OF PROJECT	574.00	0.109			
EXCEPTIONS	0	0.000			
GROSS LENGTH OF PROJECT	574.00	0.109			

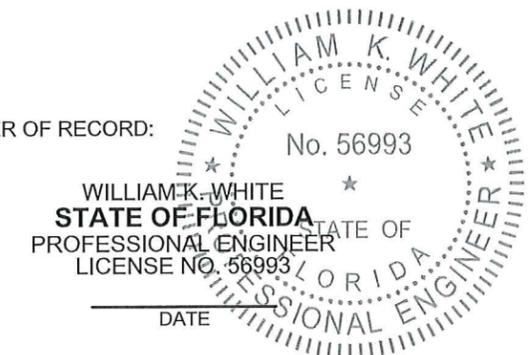
LAKE COUNTY PROJECT MANAGER: WILLIAM K. WHITE, P.E.

**Know what's below.  
Call before you dig.**

SUNSHINE STATE ONE CALL OF FLORIDA



ENGINEER OF RECORD:



DATE



**GENERAL NOTES**

A. ALL MATERIALS, INSTALLATION, TESTING, AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF LAKE COUNTY, FLORIDA AND THE FDOT UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS COMMONLY KNOWN AS THE "FLORIDA GREENBOOK" 2011 EDITION AND THE DESIGN STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE, AND UTILITY OPERATIONS ON THE STATE HIGHWAY SYSTEM, 2015 EDITION. WHERE THE SPECIFICATIONS CONFLICT, THE MAXIMUM REQUIREMENTS OF EITHER SPECIFICATION SHALL APPLY, UNLESS OTHERWISE DIRECTED BY THE ENGINEER OF RECORD.

B. ALL PROPOSED ELEVATIONS ARE SHOWN WITH A BORDER. (i.e.: XX.XX). ALL OTHER SPOT ELEVATIONS SHOWN ARE EXISTING. ALL VERTICAL DATUM IS N.A.V.D. 1988 DATUM.

C. PAVEMENT SHALL MEAN ALL ASPHALT AND BASE ASSOCIATED WITH A DRIVING SURFACE AS SHOWN ON THE CONSTRUCTION PLANS.

D. A CONSTANT SLOPE SHALL BE MAINTAINED BETWEEN DESIGNATED AREAS OF CUT AND FILL.

E. ALL FILL INCLUDING SUB GRADE AND/OR SUBBASE PLACED WITHIN PROPOSED ROAD RIGHT-OF-WAY OR EASEMENT SHALL BE COMPACTED AS FOLLOWS:

ROADWAY AREAS (UNDER PAVEMENT AND PAVED SHOULDERS) SHALL BE 98% MINIMUM DENSITY, AASHTO T-180, MINIMUM 40 LBR FOR EACH LIFT. EACH LIFT SHALL BE A MAXIMUM OF 6".

STABILIZED SHOULDERS SHALL BE TWELVE (12) INCHES DEEP, 98% MINIMUM DENSITY, AASHTO T-180, MINIMUM 40 LBR.

BEYOND THE STABILIZED SHOULDER, ALL FILL SHALL BE COMPACTED TO 95% MAXIMUM DENSITY.

F. UNLESS OTHERWISE NOTED, THE ESTABLISHED CLEAR ZONE IS TEN (10) FEET FROM NEW EDGE OF TRAVEL WAY. ALL ABOVE GROUND STRUCTURES SUCH AS MAIL BOXES, TRAFFIC CONTROL SIGNS, STREET SIGNS, ETC., ARE TO BE REMOVED AND REPLACED OUTSIDE OF THE CLEAR ZONE. THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF REMOVAL AND REPLACEMENT OF THESE STRUCTURES. DAILY ACCESS TO MAILBOXES SHALL BE MAINTAINED.

G. ALL WORK SHALL BE PERFORMED IN SUCH A MANNER THAT WILL SUCCESSFULLY ACCOMPLISH THE INTENDED DESIGN WITH MINIMAL IMPACT TO EXISTING CONDITIONS. ANY CONSTRUCTION ACTIVITY PERFORMED WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER OF RECORD THAT IS DEEMED EXCESSIVELY DISRUPTIVE TO EXISTING CONDITIONS OF THE SURROUNDING AREA AND/OR SIGNIFICANTLY DEVIATES FROM THE LIMITS OF CONSTRUCTION AS SET FORTH BY THESE CONSTRUCTION PLANS SHALL BE CONSIDERED AS PART OF THE ORIGINAL WORK AND NO ADDITIONAL COMPENSATION SHALL BE GIVEN TO RESTORE THE DISTURBED AREA(S).

H. APPARENT ERRORS, DISCREPANCIES OR OMISSIONS SHALL BE BROUGHT TO THE ENGINEER OF RECORD'S ATTENTION WITHIN A REASONABLE TIME FRAME, LESS THAN 48 HOURS AFTER DISCOVERED. ADVANTAGE WILL NOT BE TAKEN OF APPARENT ERROR OR OMISSION IN THE DRAWINGS OR SPECIFICATIONS, AND THE ENGINEER SHALL BE PERMITTED TO MAKE CORRECTIONS AND INTERPRETATIONS AS MAY BE DEEMED NECESSARY FOR FULFILLMENT OF THE INTENT OF THE DESIGN.

I. CONTRACTOR SHALL VERIFY ALL EXISTING ROADWAY CROSS-SLOPES.

**PUBLIC NOTIFICATION**

A. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO ALL RESIDENCES ADJACENT TO THE PROJECT LIMITS. WITHIN A MINIMUM OF 14 CALENDAR DAYS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL PROVIDE TO THE COUNTY A COPY OF THE NOTIFICATION WITH A LIST OF THE PARTIES CONTACTED. THIS NOTICE SHALL INCLUDE, AT A MINIMUM, THE ANTICIPATED CONSTRUCTION SCHEDULE, MAINTENANCE OF TRAFFIC PLAN AND ANY IMPACTS, PERMANENT OR TEMPORARY, TO THE SUBJECT RESIDENCE AND ITS ADJACENT AREA. CONTRACTOR SHALL PROVIDE CONTACT INFO INCLUDING NAME OF PROJECT MANAGER AND TELEPHONE NUMBER.

B. CONTRACTOR SHALL ALSO INSTALL PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGNS (PCMS, F.D.O.T. INDEX 670) ON COUNTY ROAD IF IMPACTED BY CONSTRUCTION, ONE (1) WEEK PRIOR TO CONSTRUCTION IN ORDER TO INFORM RESIDENTS AND ROADWAY USERS OF THE IMPENDING CONSTRUCTION. THE PCMS SHALL DISPLAY LANE CLOSURE INFORMATION INCLUDING BUT NOT LIMITED TO ANTICIPATED LANES TO BE CLOSED, EXTENT OF LANE CLOSURE (I.E. "NEXT 3 MILES"), DAILY HOURS OF CLOSURE, AND TEMPORARY SPEED RESTRICTIONS.

**UTILITIES**

A. THE UTILITIES SHOWN IN THE CONSTRUCTION PLANS MAY NOT BE ALL OF THE UTILITIES ON SITE. UNLESS OTHERWISE NOTED, THE LOCATION OF UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. CALL SUNSHINE STATE 1-CALL OF FLORIDA, INC. @ 1-800-432-4770 TO CONFIRM UTILITY LOCATIONS.

B. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITIES PRIOR TO CONSTRUCTION AND COORDINATING UTILITY RELOCATION WITH THE PROJECT CONSTRUCTION.

C. ONLY THOSE UTILITIES SHOWN HERON THAT WERE VISIBLE AT THE TIME OF THE SURVEY WERE LOCATED. NO ATTEMPT WAS MADE TO LOCATE UNDERGROUND UTILITIES. AN ASCE QUALITY A OR B DESIGNATION WILL BE NECESSARY BEFORE ANY ONSITE WORK TAKES PLACE. CONTACT SUNSHINE ONE CALL AT 811 FOR FURTHER INFORMATION.

**UTILITY CONTACTS:**

BRAD LABELLE, P.E. PHONE: 727-372-0155

ALAN KIMBLY PHONE: 352-569-9644

HARBOR WATERWORKS, INC.  
6915 PERRINE RANCH ROAD  
NEW PORT RICHEY, FL 34655

SUMTER ELECTRIC COOPERATIVE, INC.  
330 S US HWY 301  
SUMTERVILLE, FL 33585

WADE MATHEWS PHONE: 352-516-3824

KIRBY SMITH PHONE: 352-326-1722

COMCAST CABLEVISION  
8130 CR 44 LEG A  
LEESBURG, FL 34788

CENTURY LINK  
319 SE BROADWAY, ROOM 408  
OCALA, FL 34470

**STRIPING & SIGNING**

A. ALL PAVEMENT MARKING SHALL BE LEAD AND SOLVENT FREE THERMOPLASTIC, UNLESS OTHERWISE NOTED.

B. ALL PAVEMENT MARKING SHALL CONFORM TO THE LATEST EDITION OF F.D.O.T. STANDARDS, THE M.U.T.C.D., 2009 R1&R2, AND LAKE COUNTY SPECIFICATIONS. WHERE THE SPECIFICATIONS CONFLICT, THE MAXIMUM REQUIREMENTS SHALL APPLY UNLESS OTHERWISE DIRECTED BY THE ENGINEER OF RECORD.

C. STRIPING SHALL BE REFLECTORIZED.

D. ALL CENTERLINE STRIPING SHALL HAVE REFLECTIVE RAISED PAVEMENT MARKINGS (RPM'S) PER F.D.O.T. STANDARDS INDEX 17352, UNLESS OTHERWISE NOTED.

E. ALL TRAFFIC CONTROL SIGNS THAT ARE DISTURBED SHALL BE REPLACED.

F. ALL STRIPING, SIGNING, AND SIGNAL WORK SHALL BE COORDINATED WITH LAKE COUNTY TRAFFIC OPERATIONS. CONTRACTOR SHALL NOTIFY LAKE COUNTY TRAFFIC OPERATIONS (352) 742-1766 AT LEAST 2 BUSINESS DAYS PRIOR TO THE COMMENCEMENT OF ANY STRIPING, SIGNING, OR SIGNAL WORK.

G. THE CONTRACTOR SHALL SELF INSPECT ALL ROAD MARKINGS USING THE JANUARY 26, 2011 FLORIDA METHOD OF TEST FOR TRAFFIC STRIPING RETRO REFLECTIVITY DESIGNATION: FM 5-541 OR THE LATEST EDITIONS NOW IN FORCE OR HEREAFTER ADOPTED; TO TEST AND CERTIFY WIDTH, THICKNESS, COLOR AND RETRO REFLECTIVITY. THE RESULTS SHALL BE SUBMITTED TO THE COUNTY BY THE CONTRACTOR, AND COUNTY RESERVES THE RIGHT TO VERIFY ALL TEST RESULTS. THE COUNTY'S TEST SHALL BE FINAL AND BINDING.

H. ALL SIGNS AND SIGNAL EQUIPMENT TO BE REMOVED ARE THE PROPERTY OF LAKE COUNTY. THESE ITEMS SHALL BE RETURNED TO LAKE COUNTY TRAFFIC OPERATIONS OR DISPOSED OF BY THE CONTRACTOR AT LAKE COUNTY TRAFFIC OPERATIONS' DIRECTION.

I. ALL MATERIALS AND HARDWARE SHALL BE F.D.O.T. APPROVED AND PRE-APPROVED BY LAKE COUNTY TRAFFIC OPERATIONS PRIOR TO INSTALLATION.

J. EXISTING STRIPING DESIGNATED FOR REMOVAL SHALL BE MILLED AND RESURFACED IN ACCORDANCE WITH FDOT REQUIREMENTS AND SPECIFICATIONS, SECTION A711-7.

K. MATERIAL/ SIGN BLANKS & FACING SHALL BE .080 GAUGE.

L. WITH THE EXCEPTION OF THE STREET NAME SIGNS, ALL SIGNS SHALL CONFORM IN COLOR, SIZE, LEGEND AND LOGO WITH SPECIFICATION IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

M. STOP SIGN MINIMUM 30" x 30", MINIMUM HIGH INTENSITY PRISMATIC SHEETING OR GREATER. SHEETING FOR ALL SIGNS SHALL BE HIGH INTENSITY PRISMATIC OR GREATER.

N. SIGN PLACEMENT SHALL BE IN ACCORDANCE WITH THE MUTCD (SECTIONS 2A-21 THROUGH 2A-27) WITH RESPECT TO THE EDGE OF ROAD, HEIGHT, ECT.

O. POLES SHOULD BE BURIED TO A MINIMUM DEPTH OF 2 1/2' (30") ALLOWING 7' TO BOTTOM OF SIGN FROM THE LEVEL OF THE TRAVELED ROADWAY.

P. POLES ARE NOT TO BE CONCRETED IN PLACE.

Q. SIGN POSTS SHALL BE GALVANIZED STEEL U-CHANNEL POLES, NOT LESS THAN 12" IN LENGTH (14' TO 16' FOR SEVERE SHOULDER DROP-OFFS), WITH MINIMUM WEIGHT OF 3 LBS. PER FOOT, OR SQUARE TUBE, MINIMUM 1 3/4" GALVANIZED STEEL, MINIMUM 14 GAUGE, DRILL 1/2" HOLE ON 1" CENTERS FULL LENGTH.

**EROSION AND SEDIMENT CONTROL**

A. ALL INLETS, MITERED END SECTIONS, AND END WALLS SHALL BE PROTECTED WITH SOD (5" OF SOD IN ALL DIRECTIONS) PER F.D.O.T. DESIGN STANDARDS INDEX NO. 104, INDEX 281, AND AS SHOWN ON THE CONSTRUCTION PLANS.

B. THE LOCATION OF THE MINIMUM REQUIRED EROSION AND SEDIMENT CONTROL MEASURES, SUCH AS SILT FENCES AND TURBIDITY BARRIERS, ARE SUMMARIZED ON THE PLAN SHEETS.

D. SOD SHALL BE PLACED IMMEDIATELY AROUND NEW MITERED END SECTIONS AND AREAS SUBJECT TO EROSION PER FDOT INDEX 281.

E. ALL DISTURBED AREAS SHALL BE SODDED, UNLESS OTHERWISE NOTED. CONTRACTOR IS RESPONSIBLE FOR WATERING AND MAINTAINING SOD UNTIL FULLY ESTABLISHED AND AS ADDITIONALLY SHOWN ON THE CONSTRUCTION PLANS.

**EROSION AND SEDIMENT CONTROL (CONT.)**

F. SOD SHALL BE REPLACED WITH ORIGINAL TYPE ON ALL RESIDENTIAL LOTS AND AS SHOWN ON PLANS.

G. THE CONTRACTOR SHALL OBTAIN AN NPDES STORMWATER PERMIT PRIOR TO CONSTRUCTION.

H. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE IN WRITING A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) TO THE COUNTY FOR APPROVAL PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES.

I. EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLAN SHEETS SHALL BE PLACED PRIOR TO OR AS THE FIRST STEP IN CONSTRUCTION AND ARE THE MINIMUM REQUIRED. ADDITIONAL CONTROLS SHALL BE FURNISHED AS NEEDED AT NO ADDITIONAL COST. MATERIALS FROM WORK ON THESE PROJECTS SHALL BE CONTAINED AND NOT ALLOWED TO COLLECT ON ANY OFF PERIMETER AREAS OR IN WATERWAYS. SILT FENCES, TURBIDITY BARRIERS, AND OTHER ESSENTIAL EROSION CONTROL MEASURES MUST REMAIN IN PLACE AND IN GOOD CONDITION AT ALL LOCATIONS IN THE CONSTRUCTION PLANS OR AS REQUIRED UNTIL SOILS ARE STABILIZED, VEGETATION HAS BEEN ESTABLISHED AND THE CONTRACT IS COMPLETE. MEASURES SHOWN ARE THE MINIMUM REQUIRED, AND THE CONTRACTOR SHALL ENSURE THAT THERE IS NO DIRECT OR INDIRECT DISCHARGE OF CONSTRUCTION MATERIALS INTO OFF SITE AREAS OR WATERWAYS ETC.. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED AT THE COMPLETION OF CONSTRUCTION.

J. PEGGED SOD SHALL BE PLACED ON ALL SLOPES 3:1 OR STEEPER.

**TREES AND LANDSCAPING**

A. ALL TREES ARE TO REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.

B. CONTRACTOR SHALL REPLACE LANDSCAPING THAT IS REMOVED OR DESTROYED WITHIN THE LIMITS OF CONSTRUCTION.

C. TREES SHALL BE TRIMMED TO RIGHT-OF-WAY LINE OR WITHIN 8' OF EOP TO A HEIGHT OF 18', WHICHEVER IS LESS.

**DRIVEWAYS**

A. DRIVEWAYS SHALL BE PAVED WITHIN THE RIGHT-OF-WAY.

B. SINGLE RESIDENTIAL DRIVES SHALL MATCH EXISTING WIDTH AND BE A MINIMUM OF 10.0' WIDE WITH AN 8.0' RADIUS FOR ASPHALT OR 4' x 8' WEDGE FOR CONCRETE.

C. DRIVEWAYS SHALL NOT EXCEED 14% SLOPE.

**SURVEY**

A. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL CONTROL AND BENCHMARK DATA BEFORE CONSTRUCTION. DISCREPANCIES IN DATA SHALL BE BROUGHT TO THE ATTENTION OF THE LAKE COUNTY SURVEY MANAGER AT (352) 253-6049.

B. ALL (P.R.M.'s) IRONS AND MONUMENTS SHOWN ON PLANS, OR FOUND, SHALL BE PRESERVED. THOSE SHOWN IN PROPOSED PAVEMENT SHALL BE PROTECTED WITH A CAST IRON VALVE BOX.

C. PUBLIC LAND CORNERS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED OR DISTURBED THE COUNTY SURVEYOR SHALL BE IMMEDIATELY NOTIFIED.

D. CONTRACTOR IS TO PROVIDE TWO (2) SETS OF HARD COPY AS-BUILT DRAWINGS ALONG WITH ONE ELECTRONIC FILE, PERFORMED BY A SURVEY AND MAPPER LICENSED IN THE STATE OF FLORIDA. THE AS-BUILT DRAWING SHALL DEPICT ALL DRAINAGE INFORMATION AND INCLUDE EDGE OF PAVEMENT ELEVATIONS FOR THE ROADWAY.

**ADD NOTE:**

ALL HORIZONTAL CONTROL SHOWN ON PLANS IS RELATIVE TO NORTH AMERICAN DATUM 1983, 1990 ADJUSTMENT (NAD 83/90), STATE PLANE COORDINATE SYSTEM, FLORIDA EAST ZONE.

**TRAFFIC CONTROLS**

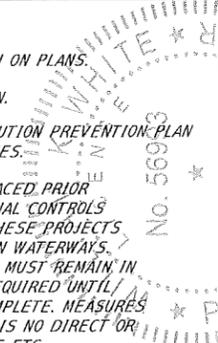
A. EXISTING STREETS AND DRIVEWAYS SHALL BE MAINTAINED TO LOCAL TRAFFIC AND PROPERTY OWNERS.

B. CONTRACTOR SHALL SUBMIT DETAILED MAINTENANCE OF TRAFFIC PLANS FOR REVIEW AND APPROVAL. ALL ROADS SHALL BE OPEN TO TRAFFIC WITH NO PERMANENT LANE CLOSURES ALLOWED. CONTRACTOR SHALL CONFORM TO THE LATEST EDITIONS OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS, INDEX 600 - 660 AS APPLICABLE.

C. ANY TEMPORARY ROAD CLOSURE REQUIRES AUTHORIZATION REQUEST MADE TO LAKE COUNTY ROAD OPERATIONS AT (352) 253-4480 AND WITH AT LEAST THREE (3) DAYS NOTICE PRIOR TO CLOSURE. CONTRACTOR MUST SUPPLY A DETOUR PLAN WHEN REQUESTING CLOSURE. NO CLOSURE SHALL TAKE PLACE WITHOUT APPROVAL OF THE DETOUR PLAN. CONTRACTOR SHALL SUPPLY ALL SIGNAGE ASSOCIATED WITH CLOSURE AND DETOUR.

D. IF EXISTING VEHICLE DETECTION LOOPS ARE DAMAGED DURING CONSTRUCTION, CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN TEMPORARY DETECTION LOOPS.

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STATE OF FLORIDA  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
PROFESSIONAL ENGINEER  
WILLIAM K. WHITE, P.E. NO. 5693  
DECEMBER 18, 2015  
960 N SINCLAIR AVE. TAVARES, FLORIDA 32778

S. - 24	T. - 185	R. - 24E	REVISION:	DATE
SURVEYED: RJT	DATE:	DATE:		
FIELD BOOK: WKW	DATE: 12/18/15	DATE: 12/18/15		
DESIGNED: WKW	DATE: 12/18/15	DATE: 12/18/15		
DRAWN: RLS/ KGN	DATE: 12/18/15	DATE: 12/18/15		
APPROVED: WKW	DATE: 12/18/15	DATE: 12/18/15		

GRIFFIN VIEW DR. INTERSECTION WITH HARBOR HILLS BLVD. INTERSECTIONS IMPROVEMENTS GENERAL NOTES

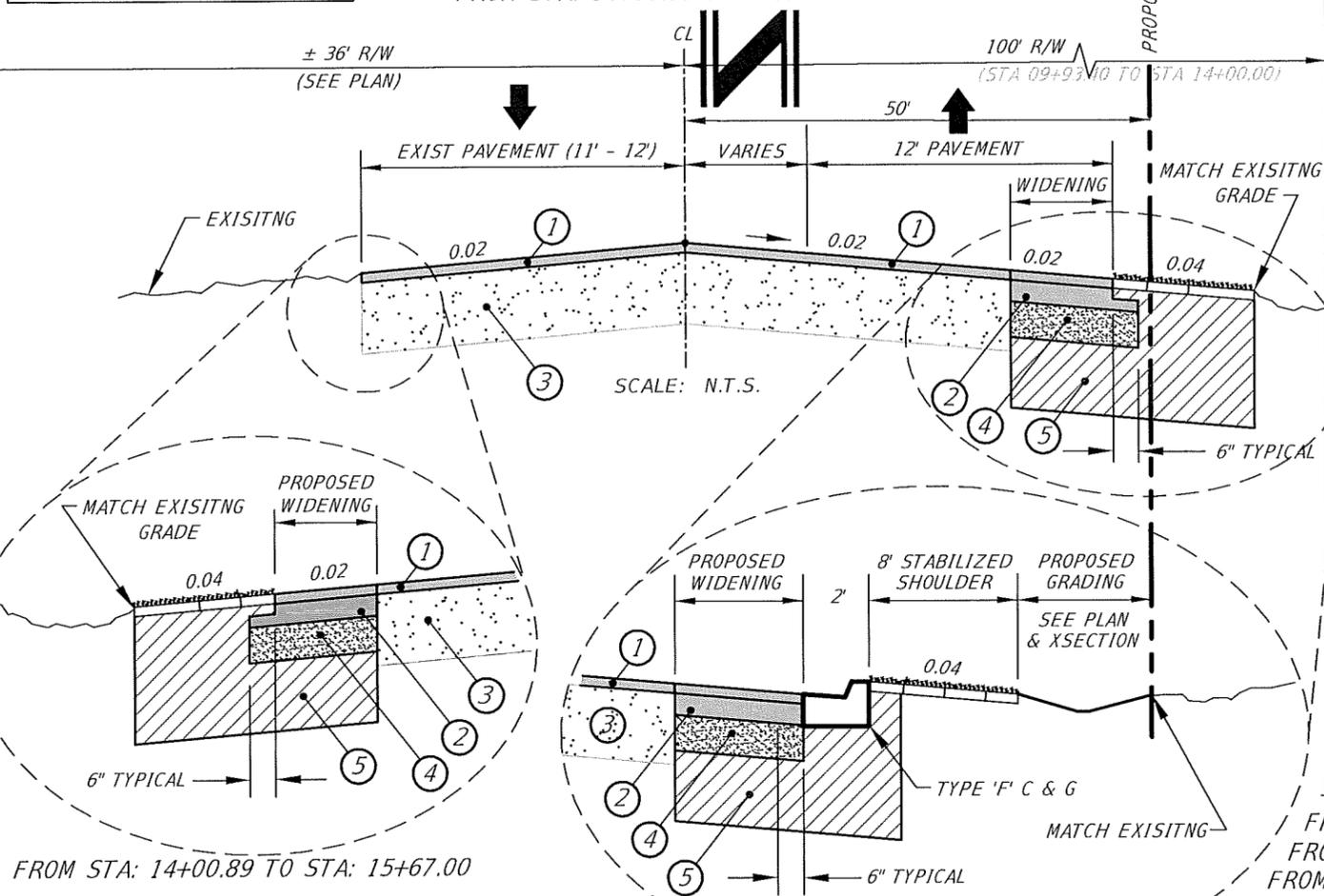
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SHEET: 3



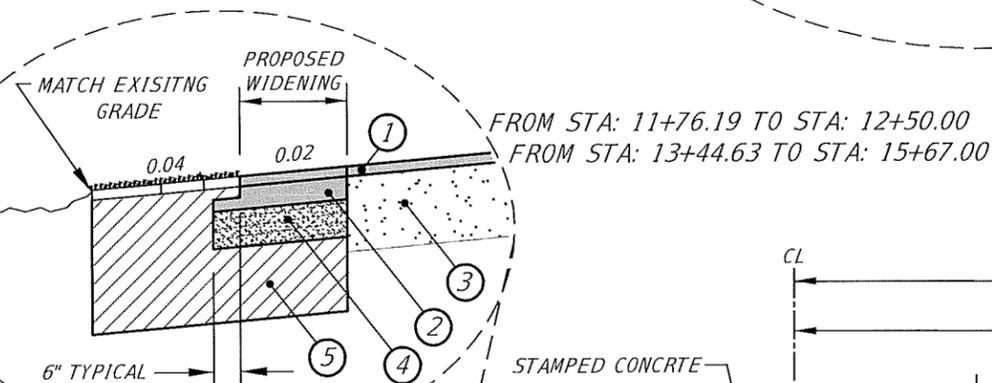
**GRIFFIN VIEW DRIVE - ROAD SECTION**

FROM STA: 9+93.40 TO STA: 11+73.19  
 FROM STA: 12+96.74 TO STA: 13+44.63  
 FROM STA: 14+00.89 TO STA: 15+67.00

**POSTED SPEED 30 MPH**



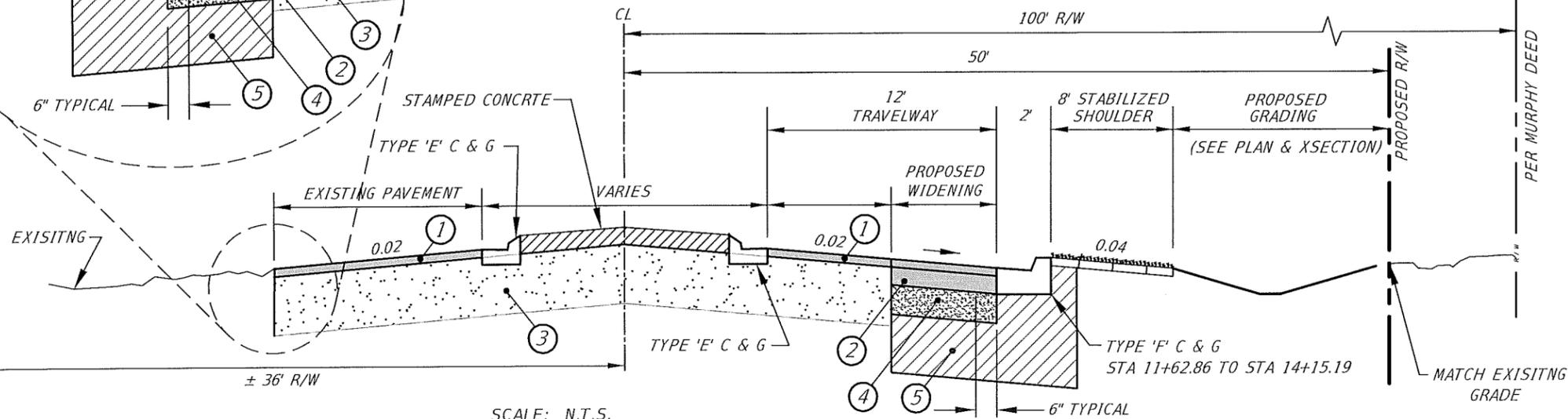
FROM STA: 14+00.89 TO STA: 15+67.00



FROM STA: 11+76.19 TO STA: 12+50.00  
 FROM STA: 13+44.63 TO STA: 15+67.00

**GRIFFIN VIEW DRIVE - ROAD SECTION (W/ ISLAND)**

FROM STA: 11+73.19 TO STA: 12+96.74  
 FROM STA: 13+44.63 TO STA: 14+00.89



**KEY:**

- ① 1" TYPE SP-9.5 SUPERPAVE ASPHALT
- ② FOR WIDENING 2 FEET OR GREATER:  
USE TYPE SP-12.5 SUPERPAVE ASPHALT (2" MIN.) FLUSH WITH LEVEL COURSE/ MILLED SURFACE
- ③ EXISTING ASPHALT AND BASE
- ④ 10" LIMEROCK IN 2 LIFTS, 98% COMPACTION\* LBR 100, EACH LIFT, AASHTO T-180, PRIMED & SANDED
- ⑤ 12" STABILIZED SUBGRADE, 98% COMPACTION\*, LBR 40, AASHTO T-180

\* USE OF STATIC ROLLER IS REQUIRED FOR THE COMPACTION OF THE BASE AND SUBBASE. USE OF VIBRATORY ROLLER IS NOT ALLOWED.

**NOTES:**

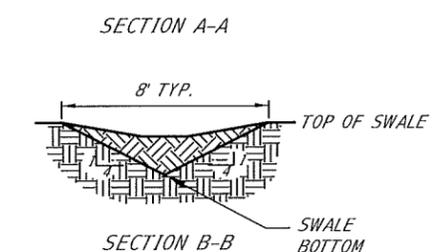
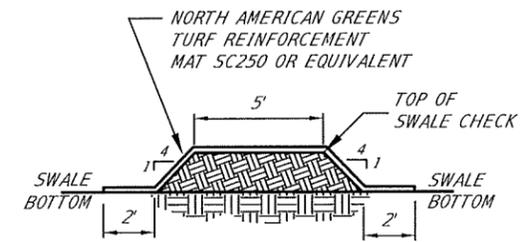
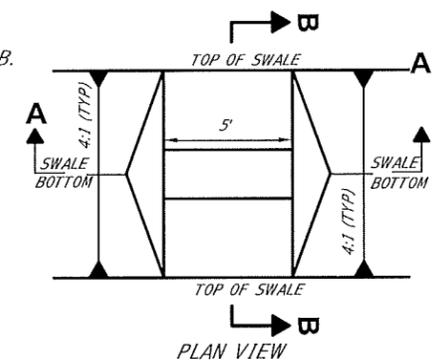
1. MILLING EXISTING ASPHALT 1" AVG. DEPTH
2. ALL STRIPING TO BE LEAD & SOLVENT FREE THERMOPLASTIC UNLESS OTHERWISE NOTED.
3. SOD ALL DISTURBED AREAS.
4. MAXIMUM DESIGN SPEED IS 35 MPH.
5. FOR DESIGN SPEEDS OF 20 MPH, 25 MPH, AND 30 MPH, UTILIZE TWO (2) 1 INCH STRUCTURAL COURSES.  
FOR DESIGN SPEEDS OF 35 MPH AND 35 MPH, UTILIZE 1 INCH STRUCTURAL COURSE WITH 1 INCH FRICTION COURSE.
6. FOR MARSHALL MIX UTILIZE FDOT LOCAL AGENCY SPECIFICATIONS; FOR SUPERPAVE UTILIZE TRAFFIC LEVEL B.

**WIDENING WITH CURB**

FROM STA: 11+25.00 TO STA: 11+73.19  
 FROM STA: 12+96.74 TO STA: 13+44.63  
 FROM STA: 13+93.44 TO STA: 14+15.19

**NO WIDENING RIGHT SIDE**

FROM STA: 14+15.19 TO STA: 15+67.00



**SWALE CHECK TYPICAL**

SCALE: N.T.S.

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STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 WILLIAM K. WHITE, P.E. NO. 56993  
 DECEMBER 18, 2015

DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING DIVISION  
 LAKE COUNTY  
 FLORIDA  
 350 N SINCLAIR AVE. TAVARES, FLORIDA 32778

REVISION:	DATE
R. - 24E <td></td>	
T. - 18S <td></td>	
S. - 24 <td></td>	
SURVEYED: RIT	DATE:
FIELD BOOK:	PAGE:
DESIGNED: WKW	DATE: 12/18/15
DRAWN: RLS/ KGN	DATE: 12/18/15
APPROVED: WKW	DATE: 12/18/15

GRIFFIN VIEW DR. INTERSECTION WITH  
 HARBOR HILLS BLVD.  
 INTERSECTIONS IMPROVEMENTS  
 TYPICAL ROAD SECTIONS

JOB NO.: 10058MASTER  
 SHEET: 5