

**FDOT DISTRICT THREE
HIGHWAY BEAUTIFICATION
MAINTENANCE MEMORANDUM OF AGREEMENT**

THIS AGREEMENT (the "Agreement"), made and entered into as of the ___ day of _____, 20__, by and between the STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION, a component agency of the State of Florida, hereinafter called the "Department" and LEON COUNTY, FLORIDA, a charter county and political subdivision of the State of Florida, existing under the Laws of Florida, hereinafter called the "County".

WITNESSETH

WHEREAS, the Department owns right-of-way consisting of road improvements and grassed areas abutting the State Highway System thereon located throughout Leon County, Florida (the "Project Highway"); and

WHEREAS, the Department has responsibility for operation and maintenance of the State Highway System; and

WHEREAS, the Project Highway is beautified by improvements which enhance its aesthetic quality; and

WHEREAS, the County has agreed to install and maintain within the Project Highway certain sign improvements in accordance with the provisions below (the "Welcome Sign Improvements"); and

WHEREAS, the Department is authorized pursuant to Section 334.044, Florida Statutes, to enter into contracts and agreements; and

WHEREAS, the parties hereto recognize the need for entering into an agreement designating and setting forth the responsibilities of each party in maintaining the Welcome Sign Improvements; and

WHEREAS, the County has authorized its officers to execute this Agreement on its behalf,

NOW THEREFORE, for and in consideration of the mutual benefits that flow each to the other, the parties covenant and agree as follows:

1. The County shall install and maintain the Welcome Sign Improvements to the Project Highway as specified in the Construction Plans and Specifications attached hereto as Exhibit "A", and the Maintenance Plan attached hereto as Exhibit "B", all of which are hereby incorporated herein and made a part hereof by this reference and all of the work in connection therewith being hereinafter referred to as the "Project". The County shall not modify the Project without prior written approval of the Department.

2. In the event that any portion of the Project is at any time determined by the Department to not be in conformance with all applicable laws, rules, procedures and guidelines of the Department, or is determined to be interfering with the safe and efficient operation of any transportation facility, or is otherwise determined to present a danger to public health, safety, or welfare, said portion shall be immediately brought into departmental compliance at the sole cost and expense of the County.

3. The Department recognizes that the County must comply with Section 129.07, Florida Statutes. This Agreement shall not be construed to modify, in any way, the County's obligations under those statutes.

4. Maintenance of the Project shall be subject to periodic inspections by the Department. In the event that any of the aforementioned responsibilities are not carried out or are otherwise determined by the Department not to be in conformance with the applicable Project standards, the Department may terminate this Agreement in accordance with paragraph 10(a).

5. The Department's Area Maintenance Office shall be notified forty-eight hours in advance of the County's commencement of any scheduled construction or maintenance activities pertaining to the Project. Emergency repairs to any improvements associated with the Project shall be performed without delay and the Area Maintenance Office notified immediately. The Area Maintenance Engineer with responsibility for the Project Highway is Greg Ouzts located at 17 Commerce Boulevard Midway, Florida, 32343, telephone number (850) 922-7900.

6. Prior to any major Project construction or reconstruction activity, the County shall submit plans of the proposed work to all utilities with facilities within the limits of work for their review and comment. The County shall resolve any conflicts and/or concerns raised by the utilities prior to commencement of such activities. Prior to commencing any field activity on this Project, the County shall notify all the utilities of their work schedule enabling facilities to be field located and marked to avoid damage.

7. If the County desires to position vehicles, equipment, or personnel, or to perform maintenance activities closer than fifteen feet to the edge of pavement within the Project Highway, or to close a traffic lane within the Project Highway, Maintenance of Traffic shall be in accordance with the Project plans and all Departmental Maintenance of Traffic Regulations. The permittee shall have Maintenance of Traffic certified personnel supervise the set up and operation of such Maintenance of Traffic devices at the site of the construction or maintenance activity.

8. The Department will require the County to cease operations and remove all personnel and equipment from the Project Highway if any actions on the part of the County or representatives of the County violate the conditions or intent of this Agreement as determined by the Department.

9. It is understood between the parties hereto that any or all of the Project may be removed, relocated or adjusted at any time in the future as determined to be necessary by the Department in order that the adjacent state road be widened, altered or otherwise changed to meet with the future

criteria or planning of the Department. The Department shall give the County notice regarding such removal, relocation or adjustment and the County shall be allowed sixty calendar days to remove all or part of the Project at its own cost. The County will own that part of the Project it removes. If, after the sixty calendar days removal period, the County has failed to satisfactorily remove, relocate, or adjust the Project improvements, the Department may remove, relocate or adjust such Project improvements as it deems best. Wherever the County removes the Project improvements pursuant to this Agreement, the County shall restore the surface of the affected portion of the Project Highway to the same safe and trafficable condition as existed prior to installation of such Project improvements.

10. This Agreement may be terminated under any one of the following conditions:

- (a) By the Department if the County, following fifteen working days written notice, fails to perform its maintenance responsibilities under this Agreement.
- (b) By the County following sixty calendar day's written notice.
- (c) By the Department following sixty calendar day's written notice.

11. Within sixty days following a notice to terminate pursuant to 10(a) or 10(b), if the Department requests, the County shall, at its expense, remove the Project and restore the Project Highway to the same safe condition existing prior to installation of the Project. If the Department does not request such restoration or terminates this Agreement pursuant to 10(c), the Department, at its expense, may remove, relocate or adjust the Project as it deems best.

12. The Department's District Secretary shall decide all questions, difficulties, and disputes of any nature whatsoever that may arise under or by reason of this Agreement, the prosecution, or fulfillment of the service hereunder and the character, quality, amount, and value thereof; and his decision upon all claims, questions, and disputes shall be final. Nothing in this paragraph, however, shall be deemed to be a waiver of the County's sovereign immunity nor shall it be deemed a waiver of the County's rights with regard to any legal recourse available to the County in the event of the Department's breach of this Agreement.

13. This Agreement embodies the entire agreement and understanding between the parties hereto and there are no other agreements or understandings, oral or written, with reference to the subject matter hereof that are not merged herein and superseded hereby.

14. This Agreement may not be assigned or transferred by the County, in whole or in part without consent of the Department.

15. This Agreement shall be governed by and construed in accordance with the laws of the State of Florida.

16. All notices, demands, requests or other instruments shall be given by depositing the same in the U.S. Mail, postage prepaid, registered or certified with return receipt:

- (a) If to the Department, address to FDOT Midway Operations Center 17 Commerce Blvd. Midway, Florida 32343 or at such other address as the Department may from time to time designate by written notice to the County; and
- (b) If to the County address to Director of Public Works, Leon County Public Works Department, 2280 Miccosukee Road, Tallahassee, FL 32308, or at such other address as the County may from time to time designate by written notice to the Department.

All time limits provided hereunder shall run from the date of receipt of all such notices, demands, requests and other instruments.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the day and year first above written.

LEON COUNTY, FLORIDA

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

By: _____
Parwez Alam
County Administrator

By: _____
James T. Barfield P.E.
District Three Secretary

ATTEST:
Bob Inzer, Clerk of Court
Leon County, Florida

Attest: _____
Executive Secretary (SEAL)

BY: _____

Approved as to Form:
Leon County Attorney's Office

Legal Review:

BY: _____
Herbert W. A. Thiele, Esq.
County Attorney

Office of the General Counsel, District 3

1. DESIGN SPECIFICATION: DESIGN ACCORDING TO FOOT STRUCTURES MANUAL (CURRENT EDITION), STANDARD SPECIFICATION FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, AASHTO 2001. SEE FDOT STANDARDS INDEX 11200 FOR ADDITIONAL INFORMATION.

2. DESIGN LOAD: DESIGN WIND SPEED 110 MPH

3. DESIGN WAS BASED ON 5' X 8' SPECIAL SIGN PANEL TO BE PROVIDED BY OTHERS.

4. STRUCTURAL STEEL: ALL STEEL SHALL MEET THE REQUIREMENTS OF ASTM A36. STEEL BOLTS, NUTS, AND WASHERS SHALL MEET THE REQUIREMENTS OF ASTM A325. ALL STEEL SHAPES, ANGLES, TEES, PLATES, BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 902-9

PROCEDURE FOR ASSEMBLY OF STEEL BASE CONNECTION:

- A. ASSEMBLE POST TO STUB WITH BOLTS AND WITH ONE FLAT WASHER ON EACH BOLT BETWEEN PIECES.
- B. SHIM AS REQUIRED TO PLUMB POST (SEE SHIM DETAIL).
- C. TIGHTEN ALL 3/4" DIAMETER BOLTS THE MAXIMUM POSSIBLE WITH 1'-0" TO 1'-3" WRENCH TO BED WASHERS AND SHIMS AND TO CLEAN BOLT THREADS THEN LOOSEN EACH BOLT IN TURN AND RE-TIGHTEN IN A SYSTEMATIC ORDER TO A 550 LB-IN TORQUE.
- D. BURR THREADS AT JUNCTION WITH NUT USING A CENTER PUNCH TO PREVENT NUT LOOSENING.
- E. SECTIONS SHOWN ARE FOR INSTALLATION ON RIGHT SHOULDER. FOR LEFT SHOULDER PLATE SLOT BEVELS ARE OPPOSITE HAND FROM THAT SHOWN.

5. ALUMINUM MATERIAL: ALL ALUMINUM MATERIALS SHALL MEET THE REQUIREMENTS OF THE ALUMINUM ASSOCIATION'S ALLOY 6061-T6 AND ALSO THE FOLLOWING ASTM SPECIFICATIONS: SHEETS AND PLATES, B209; EXTRUDED TUBE, BARS, RODS AND SHAPES, B221; AND STANDARD STRUCTURAL SHAPES, B308. NO STENCILING PERMITTED ON SHEETS. ALUMINUM WELDING RODS SHALL MEET THE REQUIREMENTS OF ALUMINUM ASSOCIATION ALLOY NO. 5554 FILLER WIRE. ALUMINUM BOLTS, NUTS, AND LOCK WASHERS SHALL MEET REQUIREMENTS OF THE ALUMINUM ASSOCIATION'S ALLOY 2024-T4 (ASTM F468). THE BOLTS SHALL HAVE AN ANODIC COATING AT LEAST 0.0002" THICK AND BE CARBONATE SEALED. LOCK WASHERS SHALL MEET THE REQUIREMENTS OF ALUMINUM ASSOCIATION ALLOY 7075-T6 (ASTM B221). NUTS SHALL MEET THE REQUIREMENTS OF ALUMINUM ASSOCIATION ALLOY 6061-T6 OR 6262-19 (ASTM A67). SEE STANDARD 11200.

ALUMINUM SLIP BASE NOTES:

- A. USE SLEEVES WITH AN INSIDE DIAMETER (I.D.) NO MORE THAN 1/16" LARGER THAN THE OUTSIDE DIAMETER (O.D.) OF THE COLUMN.
- B. SLEEVE BOLTS: ASTM A-307, 3/4" DIA. GALVANIZED STEEL BOLT (WITH LOCK NUTS) OR ALLOY 2024-T4 OR 6061-T6 (ASTM B-211).
- C. BASE BOLTS, NUTS, AND WASHERS: HIGH STRENGTH ASTM-A325 WITH ASTM B303 SCS, TYPE II ELECTROPLATED ZINC COATING.
- D. ASSEMBLE THE SLIP BASE CONNECTION IN THE FOLLOWING MANNER:
 - 1. CONNECT COLUMN TO SLEEVE USING TWO (2) 3/4" DIAMETER MACHINE BOLTS
 - 2. ASSEMBLE TOP BASE PLATE TO STUB BASE PLATE USING HIGH STRENGTH BOLTS WITH THREE (3) HARDENED WASHERS PER BOLT. ONE OF THE THREE WASHERS PER BOLT AND TWO BOLT KEEPER PLATES GO BETWEEN THE BASE PLATES
 - 3. USE SHIM STOCK AS REQUIRED TO PLUMB THE COLUMN
 - 4. TIGHTEN ALL BOLTS TO THE MAXIMUM POSSIBLE WITH A 12" TO 15" WRENCH. (THIS WILL BED THE WASHERS AND SHIMS AND CLEAR THE BOLT THREADS).
 - 5. LOOSEN EACH BOLT ONE TURN AND USING A CALIBRATED WRENCH RE-TIGHTEN TO ATTAIN A 29 FT-LBS (345 IN-LBS) TORQUE UNDER THE SUPERVISION OF THE PROJECT ENGINEER.
 - 6. BURR THREADS AT JUNCTION WITH NUT USING A CENTER PUNCH TO PREVENT NUT LOOSENING
 - 7. USE GALVANIZED STEEL SHIMS TO OBTAIN A TIGHT FIT BETWEEN THE COLUMN FACE AND THE SLEEVE. PLACE SHIMS IN ALL QUADRANTS BETWEEN THE 3/4" DIAMETER SLEEVE BOLTS. USE SHIMS THAT ARE 1" SHORTER THAN THE HEIGHT OF THE SLEEVE.

6. TOLERANCES: ALL ABOVE MATERIALS SHALL BE IN ACCORDANCE WITH THE GOVERNING ASTM SPECIFICATIONS

7. ALL HOLES IN FUSE PLATE SHALL BE DRILLED. ALL PLATE CUTS SHALL, PREFERABLY, BE SAW CUTS. HOWEVER, FLAME CUTTING WILL BE PERMITTED PROVIDED ALL EDGES ARE ROUND METAL PROJECTING BEYOND THE PLATE FACE WILL NOT BE ALLOWED.

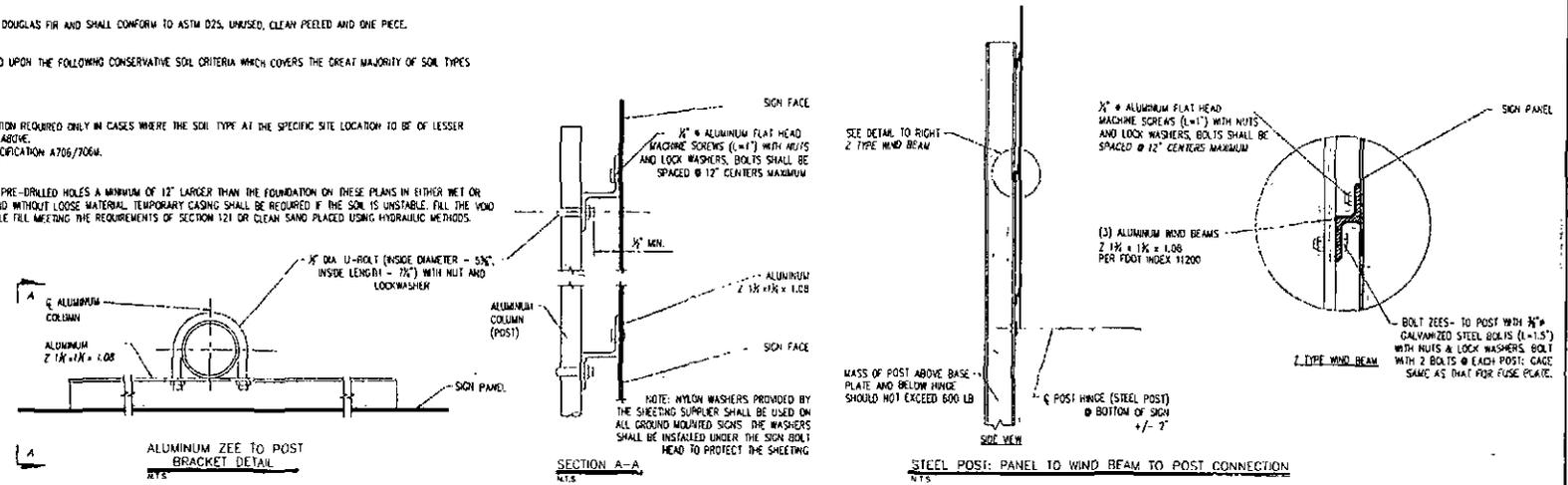
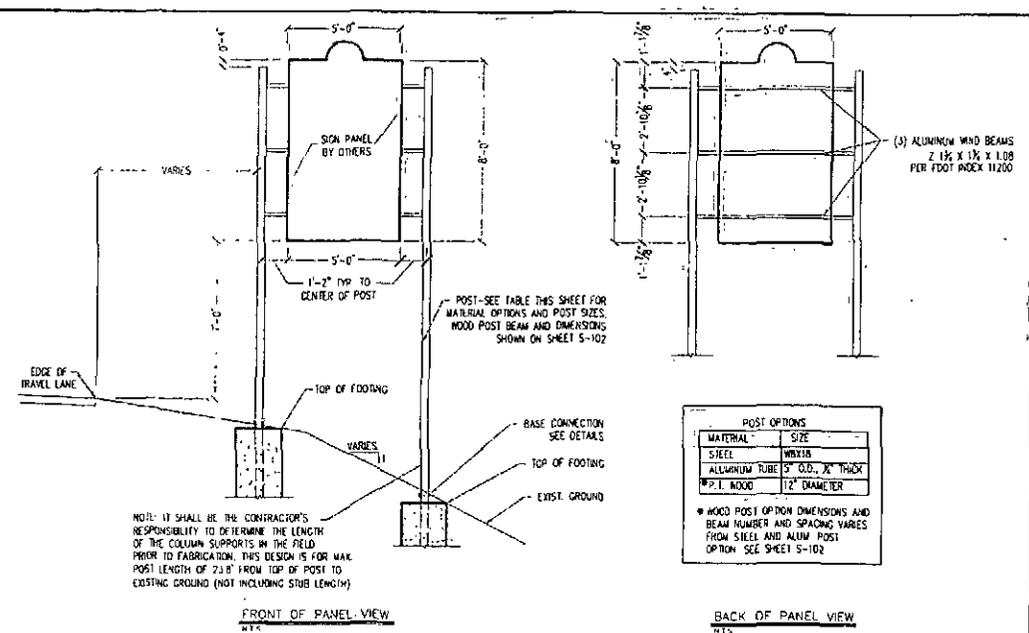
8. OVERTIGHTENED HIGH STRENGTH BOLTS IN BASE CONNECTIONS WILL NOT BE ACCEPTED. ALL OTHER BOLTS AND ZEE TO POST BOLTS SHALL BE TIGHTENED IN ACCORDANCE WITH SECTION 700 OF THE SPECIFICATIONS.

9. WELDING: ALL WELDING SHALL BE IN ACCORDANCE WITH AWS STRUCTURAL WELDING CODES FOR STEEL AND ALUMINUM, THE AASHTO STANDARD SPECIFICATIONS FOR WELDING STRUCTURAL STEEL HIGHWAY BRIDGES.

10. TIMBER COLUMN/BEAMS SHALL BE SOUTHERN PINE OR DOUGLAS FIR AND SHALL CONFORM TO ASTM D25, UNKUS, CLEAN PEELED AND ONE PIECE.

FOUNDATION NOTES:

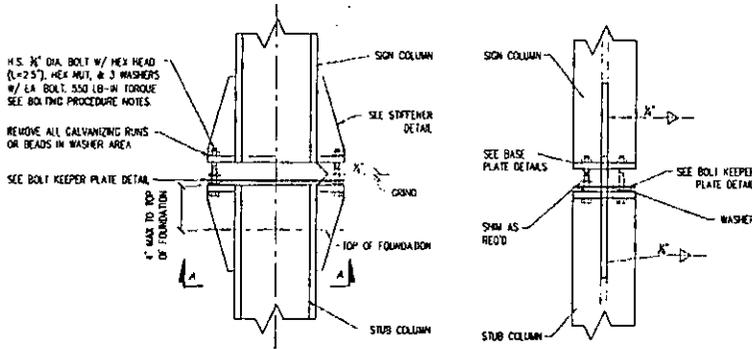
- A. SIGN FOUNDATION IS PRE-DESIGNED AND IS BASED UPON THE FOLLOWING CONSERVATIVE SOIL CRITERIA WHICH COVERS THE GREAT MAJORITY OF SOIL TYPES FOUND IN LEON COUNTY:
 - CLASSIFICATION = SAND (COHESIONLESS)
 - FRICTION ANGLE = 30 DEGREES
 - UNIT WEIGHT = 50 PCF
 - ADDITIONAL ANALYSIS OR RE-DESIGN OF FOUNDATION REQUIRED ONLY IN CASES WHERE THE SOIL TYPE AT THE SPECIFIC SITE LOCATION TO BE OF LESSER STRENGTH THAN THE DESIGN PROPERTIES SHOWN ABOVE.
- B. REINFORCING BARS SHALL CONFORM TO ASTM SPECIFICATION A706/706M.
- C. CLASS 1 CONCRETE SHALL BE USED. FC = 3000 PSI
- D. ALL REINFORCING SHALL BE GRADE 60.
- E. CONTRACTOR MAY USE PRECAST FOUNDATIONS IN PRE-DRILLED HOLES A MINIMUM OF 12" LARGER THAN THE FOUNDATION ON THESE PLANS IN EITHER WET OR DRY CONDITIONS. THE HOLES SHALL BE CLEAN AND WITHOUT LOOSE MATERIAL. TEMPORARY CASING SHALL BE REQUIRED IF THE SOIL IS UNSTABLE. FILL THE VOID AROUND THE PRECAST FOUNDATION WITH FLOWABLE FILL MEETING THE REQUIREMENTS OF SECTION 121 OR CLEAN SAND PLACED USING HYDRAULIC METHODS.



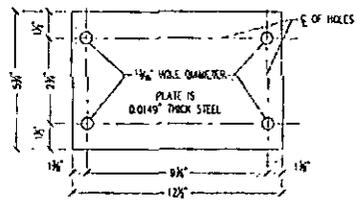
DATE: <u> </u>	BY: <u> </u>	DESCRIPTION: <u> </u>	ENGINEER OF RECORD: <u> </u>	<p>REGISTRE SLIGER ENGINEERING, INC. CIVIL AND STRUCTURAL ENGINEERING CONSULTANTS CERT. OF AUTHORIZATION # 9072 1827 N. Broadway Street, Tallahassee, FL 32307 PHONE: (850) 934-4351 - FAX: (850) 934-4352</p>	<p>LEON COUNTY DEPARTMENT OF PUBLIC WORKS 2210 MIDCOURTWAY ROAD, TALLAHASSEE, FL 32308 PHONE: (850) 488-8003 - FAX: (850) 488-1260</p>	<p>GENERAL NOTES AND SIGN DATA</p> <p>PROJECT NAME: <u> </u></p> <p>LEON COUNTY WELCOME SIGNS</p>	<p>SHEET NO. <u> </u></p> <p>PAGE <u>5</u> OF <u>8</u></p>
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Exhibit A

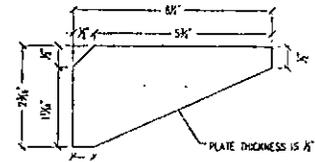
ATTACHMENT # 1



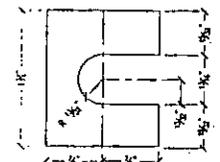
STEEL BASE CONNECTION
WTS



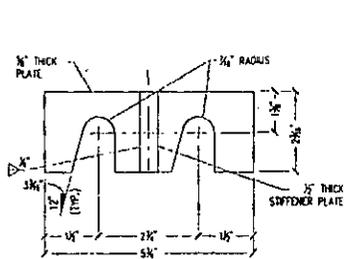
STEEL BOLT KEEPER PLATE
WTS



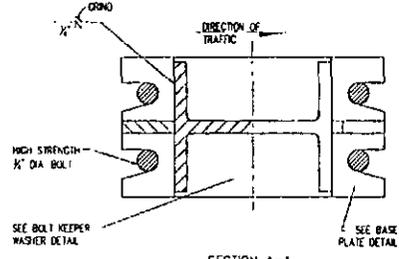
STEEL STIFFENER PLATE DETAIL
WTS



SHIM DETAIL
WTS



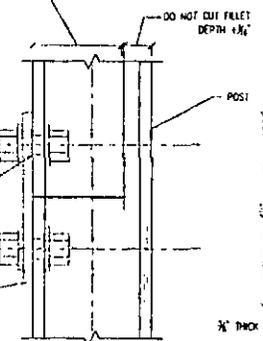
STEEL BASE PLATE
WTS



STEEL POST DETAILS

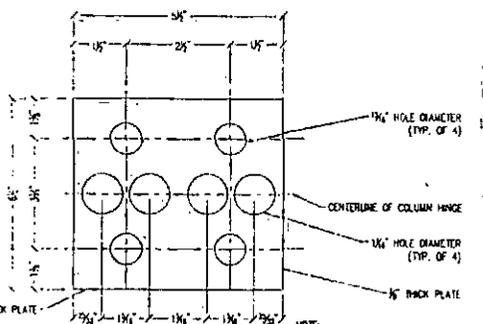
FOR MORE INFORMATION SEE FOOT OR OK STANDARD 11200

SAW CUT POST FLANGE AND WEB, IF POST IS CUT AFTER GALVANIZING REPAIR THE CUT SURFACE IN ACCORDANCE WITH SECTION 562.



STEEL HINGE DETAILS
WTS

FLANGE HOLES FOR FUSE AND HINGE PLATE SHALL BE DRILLED OR SUB-PUNCHED AND REAMED. H.S BOLTS 3/4\"/>



STEEL FUSE PLATE

NOTE:
1. FUSE PLATE BOLTS SHALL BE TIGHTENED IN ACCORDANCE W/ SECTION 700 OF THE SPECIFICATIONS.
2. ALL DIMENSIONS ARE TO CENTER LINE OF HOLE.

DATE	BY	DESCRIPTION

ENGINEER OF RECORD:

JACQUES REGISTE, P.E.
P.E. #13393



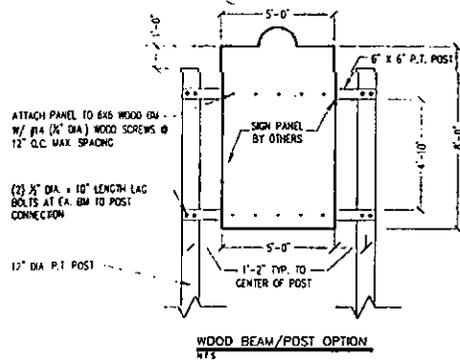
REGISTE, SLIGER ENGINEERING, INC.
L.L.V. AND STRUCTURAL ENGINEERING CONSULTANTS
CERT. OF AUTHORIZATION # 4490
1427 W. Birmingham Street - Tallahassee, FL 32303
PHONE: (904) 894-4521 - FAX: (904) 221-4545



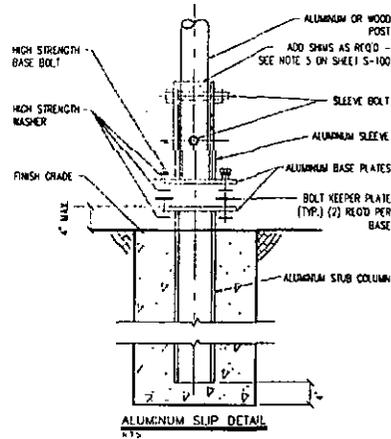
LEON COUNTY DEPARTMENT OF PUBLIC WORKS
2280 MIDCOURT ROAD, TALLAHASSEE, FLORIDA 32308
PHONE (904) 488-8005 • FAX (904) 488-1240

STEEL POST DETAILS
PROJECT NAME:
LEON COUNTY WELCOME SIGNS

SHEET NO.
S-101

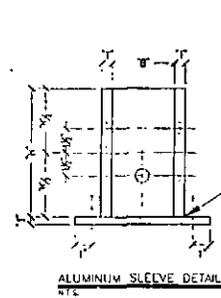


WOOD BEAM/POST OPTION
475

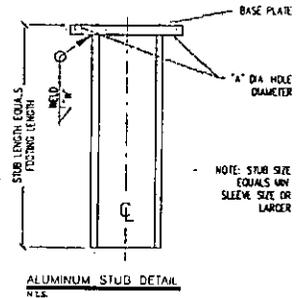


ALUMINUM SLIP DETAIL
475

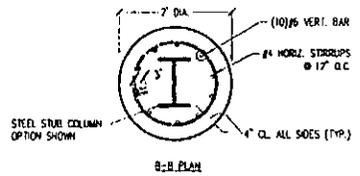
COLUMN MATERIAL	COLUMN SIZE	SLEEVE (MAX)	SLEEVE WALL	SLEEVE HEIGHT	WELD	BASE PLATE LxI	RADIUS "R"	BASE BOLT (SIZE/LENGTH)	BASE BOLT TORQUE		HOLE SIZE "A"
									FT.-LBS	INCH.-LBS	
ALUMINUM	5" O.D. 3/4" THICK	5 1/2" DIA	3/8"	7"	3/8"	8 x 3 1/2"	3/4"	3/4" x 3 1/2"	20	345	1 1/8"
P.T. WOOD	12" DIA	12 1/2" DIA	3/8"	7"	3/8"	16 1/2" x 1"	1/2"	3/4" x 3 1/2"	20	345	1 1/8"



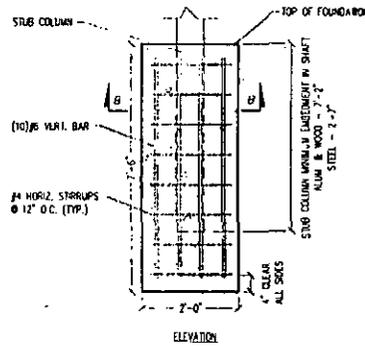
ALUMINUM SLEEVE DETAIL
475



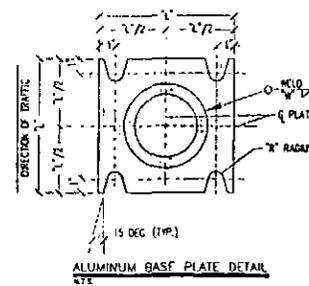
ALUMINUM STUB DETAIL
475



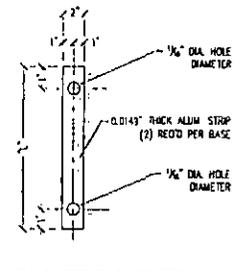
FOUNDATION DATA
475



ELEVATION



ALUMINUM BASE PLATE DETAIL
475



ALUMINUM BOLT KEEPER PLATE DETAIL
475

ALUMINUM & WOOD POST DETAILS
FOR MORE INFORMATION, SEE FOOT DESIGN STANDARD 11860.

DATE: _____	DESCRIPTION: _____	ENGINEER OF RECORD: JACQUES REGISTE, P.E. P.E. #15327	 REGISTE, SLIGER ENGINEERING, INC. CIVIL AND STRUCTURAL ENGINEERING CONSULTANTS CERT. OF AUTHORIZATION # 1070 1127 N. Bronough Street, Tallahassee, FL 32303 PHONE: (904) 934-1521 • FAX: (904) 934-4263	 LEON COUNTY DEPARTMENT OF PUBLIC WORKS 2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308 PHONE (904) 488-8005 • FAX (904) 488-1280	ALUM., WOOD POST & FDN DETAILS PROJECT NAME: LEON COUNTY WELCOME SIGNS	SHEET NO. S-102
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Exhibit B – Leon County Welcome Sign Maintenance Schedule

All Leon County signs are inventoried (tagged) after installation and the information is entered into a computerized sign inventory database for routine inspections and maintenance. The sign condition rating is based upon a visual inspection and a measurement of the signs retroreflectivity by means of a retroreflectometer reading.

Inspection of the Leon County Welcome Signs will be performed at least twice annually by the Leon County Division of Operations. Sign condition deficiencies identified during routine inspections will be corrected through actions such as sign washing, sign repair and if necessary replacement of signs and posts.