

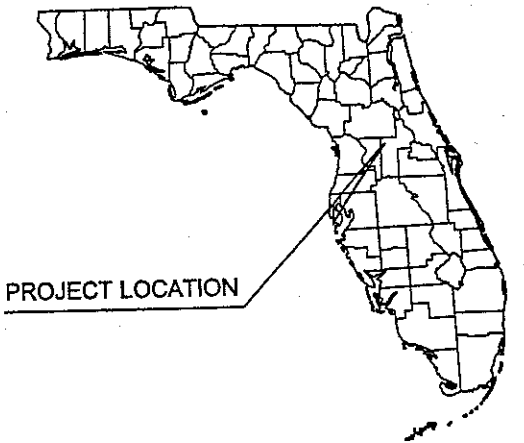
Denik

# SIGNALIZATION PLANS FOR VILLAGE CROSSROADS U.S. 27 / 441 and FENNELL BOULEVARD

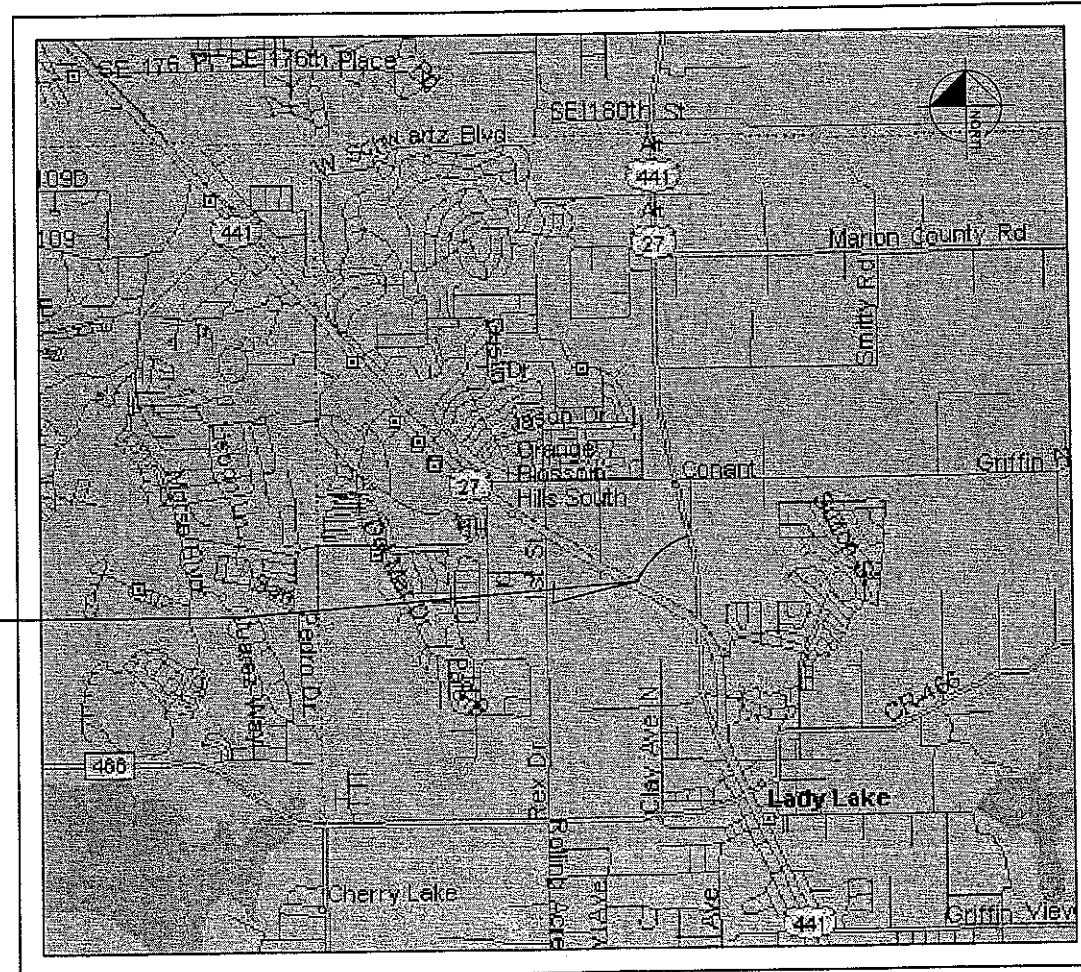
SECTION 11230000, MILEPOST 0.801

TOWN OF LADY LAKE, FL

APRIL, 2007



PROJECT LOCATION



PROJECT LOCATION


**SHEET INDEX**

| SHEET NO. | DESCRIPTION                |
|-----------|----------------------------|
| T1        | KEY SHEET                  |
| T2        | TABULATION OF QUANTITIES   |
| T3        | GENERAL NOTES              |
| T4        | SIGNALIZATION PLAN         |
| T5        | STRIPING MODIFICATION PLAN |
| T6        | STRAIN POLE SCHEDULE       |
| T7        | GUIDE SIGN WORK SHEET      |

APPLICABLE DESIGN STANDARDS MODIFICATIONS: 01/01/07  
FOR DESIGN STANDARDS MODIFICATIONS GO TO THE FOLLOWING WEB SITE:  
<http://www.dot.state.fl.us/rddesign/>

**VICINITY MAP**  
N.T.S.

GOVERNING STANDARDS AND SPECIFICATIONS:  
FLORIDA DEPARTMENT OF TRANSPORTATION,  
DESIGN STANDARDS DATED 2006,  
AND STANDARD SPECIFICATIONS FOR ROAD  
AND BRIDGE CONSTRUCTION DATED 2007,  
AS AMENDED BY CONTRACT DOCUMENTS.

PREPARED BY  
 **Kimley-Horn  
and Associates, Inc.**  
© 2007 KIMLEY-HORN AND ASSOCIATES, INC.  
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*Ronald C. Hildebrand*  
4/27/07  
RONALD C. HILDEBRAND, P.E.  
FL P.E. # 41936

Drawing name: D:\CADD\049372002 - Lady Lake - 42 Acre Site\CADD\CIVIL\CONST\SIGNAL\T1-KEYSHEET.dwg T1 Apr 26, 2007 4:58pm by don.mrother  
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APRIL 2007  
ENGINEER'S PROJECT No. 049372002

# TABULATION OF QUANTITIES

| PAY ITEM NO. | DESCRIPTION   | UNIT | SHEET NO. |       |      |       | TOTAL |       |
|--------------|---|------|-----------|-------|------|-------|-------|-------|
|              |   |      | T4        |       | T5   |       | PLAN  | FINAL |
|              |   |      | PLAN      | FINAL | PLAN | FINAL |       |       |
| 630-1-12     | CONDUIT (FURNISH & INSTALL) (ABOVEGROUND)               | LF   | 1375      |       | --   |       | 1375  |       |
| 630-1-14     | CONDUIT (FURNISH) (UNDERGROUND JACKED)                  | LF   | 315       |       | --   |       | 315   |       |
| 632-7-1      | CABLE (SIGNAL) (FURNISH & INSTALL)                      | PI   | 1         |       | --   |       | 1     |       |
| 634-4-112    | SPAN WIRE ASSEMBLY (DIAGONAL)                           | PI   | 1         |       | --   |       | 1     |       |
| 635-1-11     | PULL AND JUNCTION BOXES (F&I)                           | EA   | 11        |       | --   |       | 11    |       |
| 635-1-16     | PULL AND JUNCTION BOXES (F&I) (FIBER OPTIC) (OVERSIZED) | EA   | 1         |       | --   |       | 1     |       |
| 639-1-22     | ELECTRICAL POWER SERVICE (UNDERGROUND)                  | AS   | 1         |       | --   |       | 1     |       |
| 639-2-1      | ELECTRICAL SERVICE WIRE                                 | LF   | 150       |       | --   |       | 150   |       |
| 641-41-112   | PRESTRESSED CONCRETE POLE (TYPE NII SERVICE POLE)       | EA   | 1         |       | --   |       | 1     |       |
| 641-17-152   | PRESTRESSED CONCRETE POLE (TYPE N-VIII)                 | EA   | 1         |       | --   |       | 1     |       |
| 641-17-154   | PRESTRESSED CONCRETE POLE (TYPE N-VIII)                 | EA   | 1         |       | --   |       | 1     |       |
| 650-51-313   | SIGNAL TRAFFIC (F&I) (3 SECT. 1 WAY) (L.E.D.)           | AS   | 10        |       | --   |       | 10    |       |
| 659-106      | SIGNAL HEAD AUXILIARIES (TUNNEL VISORS)                 | EA   | 30        |       | --   |       | 30    |       |
| 660-1-101    | LOOP DETECTOR, INDUCTIVE                                | EA   | 12        |       | --   |       | 12    |       |
| 660-1-102    | LOOP DETECTOR, INDUCTIVE (DELAY)                        | EA   | 2         |       | --   |       | 2     |       |
| 660-2-102    | LOOP ASSEMBLY (TYPE B) (6'x6')                          | AS   | 8         |       | --   |       | 8     |       |
| 660-2-106    | LOOP ASSEMBLY (TYPE F) (6'x40')                         | AS   | 6         |       | --   |       | 6     |       |
| 670-5-110    | CNTL ASSEM ACT SS F&I NEMA                              | AS   | 1         |       | --   |       | 1     |       |
| 685-128      | SYSTEM AUXILIARIES (INTERFACE PANEL)                    | EA   | 1         |       | --   |       | 1     |       |
| 699-1-1      | INTERNALLY ILLUMINATED SIGN                             | EA   | 4         |       | --   |       | 4     |       |
| 700-46-11    | REMOVE SIGN ASSEMBLY                                    | AS   | --        |       | 2    |       | 2     |       |
| 706-3        | REFLECTIVE PAVEMENT MARKERS (WHITE/RED)                 | EA   | --        |       | 12   |       | 12    |       |
| 711-11-121   | THERMO., (STD) (WHITE) (SOLID) (6")                     | LF   | --        |       | 137  |       | 137   |       |
| 711-11-125   | THERMO., (STD) (WHITE) (SOLID) (24")                    | LF   | --        |       | 220  |       | 220   |       |
| 711-11-151   | THERMO., (STD) (WHITE) (DOTTED/GUIDELINE) (6")          | LF   | --        |       | 48   |       | 48    |       |
| 711-11-170   | THERMO., (STD) (WHITE) (ARROWS)                         | EA   | --        |       | 4    |       | 4     |       |
| 711-17       | THERMO., (REMOVE)                                       | SF   | --        |       | 288  |       | 288   |       |
| 999-2        | GENERATOR PAD (3'x3'x4")                                | EA   | --        |       | 1    |       | 1     |       |

Drawing name: Q:\CADD\049372002 - Lady Lake - 42 Acre Site\CADD\CIVIL\CONSTR\SIGNAL\CROSSROADS\_LL\_Signal.dwg T2 Apr 27, 2007 9:39am by: don.mocher.  
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PLOD C. HORN  
 4/27/07

|   |  |   |                          |
|---|--|---|--------------------------|
| SCALE AS NOTED<br>DESIGNED BY dcm<br>DRAWN BY dcm<br>CHECKED BY RCH | DESIGN ENGINEER<br>Ronald C. Hildebrand, P.E.<br>FLORIDA REGISTRATION NUMBER:<br>41936 | SEAL  | REVISIONS<br>No. DATE BY |
| TABULATION OF QUANTITIES  |  | VILLAGE CROSSROADS<br>TOWN OF LADY LAKE<br>FLORIDA  |                          |
| DATE<br>April, 2007   |  | PROJECT NO.<br>049372002  |                          |
| SHEET NUMBER<br>T2  |  | Kimley-Horn and Associates, Inc.<br>3580 Maguire Boulevard, Suite 200, Orlando, FL 32803<br>Phone: (407) 898-1811 Fax: (407) 898-4791<br>WWW.KIMLEY-HORN.COM CA 0000686 |                          |

Drawing name: O:\CADD\049372002 - Lady Lake - 42 Acre Site\CADD\CIVIL\CONST\SIGNAL\CROSSROADS\_LL\_Signal.dwg T3 Apr 26, 2007 4:59pm by: don.mroacher  
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GENERAL

- The Contractor shall verify color codes for signal cable with Steve Bollinger, Lake County Traffic Operations, 352-742-1766 before ordering.
- The Contractor is required to inspect the installation of the traffic signals in accordance with FDOT Specification 105-5.10. The Contractor shall coordinate the final acceptance inspection in accordance with FDOT Specification 611-2.2 with the Engineer at least ten days in advance. Steve Bollinger of Lake County Traffic Operations at (352) 742-1766 and Roy Marlin of FDOT at (386) 943-5318 should also be contacted ten days before the inspection is to be performed so they may be present.
- It should be noted that no test borings were made where conduit runs are to be installed by directional boring, or trenching. It shall be the Contractor's responsibility to examine job site conditions before submitting bid proposals in accordance with Section 2-4 of the Specifications. The Contractor shall hand dig the first 4 feet at each pole location to verify there are no utility conflicts.
- A pre-construction meeting shall be scheduled with Lake County Traffic Operations, (352) 742-1766, prior to any construction.
- All materials and hardware shall be F.D.O.T. approved, and pre-approved by Lake County Traffic Operations.
- The Contractor shall furnish Lake County Traffic Operations with emergency contacts and phone numbers and have an I.M.S.A. Level II or III certified signal technician on call within a two hour maximum response time.
- The Contractor shall furnish Lake County Traffic Operations two complete sets of As-Built Plans that include conduit and pull box locations, at final inspection.
- The Contractor shall notify Lake County Traffic Operations and FDOT 2 business days prior to beginning construction.

CONDUITS / PULL BOXES / CABLING

- All signal cable, loop cable, and communication cable shall be installed in separate pull boxes.
- Pull boxes and covers shall be FDOT approved of non-metallic construction with recessed cover logo "Traffic Signal" or "Fiber Optic" as appropriate.
- Multiple conduit runs in the same trench shall be Jack and bored or directional bored for the first conduit only. Subsequent conduit runs shall be paid for as underground.
- Conduit under reconstructed driveways shall be placed prior to placing pavement and shall be paid as underground conduit.
- Signal cable shall be attached to messenger wire using proper size spiral wrap.
- A fiber optic pull box and conduit into the controller assembly shall be furnished and installed.
- 'F' Type loops shall be 40' long by 6' wide and extend 5' beyond the stop line.

TIMINGS / CONTROLLER

- The controller cabinet assembly shall be a Lake County Naztec Regional TS-2 with a TS-1 controller, ethernet enabled for the Lake County closed loop system. The additional equipment and accessories for the fiber optic cable interconnect shall be furnished and installed as part of the controller assembly.
- The controller shall be wired for future S.O.P. 10 Operation.
- Delay times shall be set to 10 seconds.
- Spare cabinet conduit shall be stubbed and capped in the nearest pull box.
- Grounding for the controller assembly shall measure 25 ohms or less.
- The mounting of the electrical service to the traffic signal cabinet shall be prohibited.
- A manual pushbutton cord shall be furnished in the controller cabinet.
- The cabinet door shall open away from the intersection, within the FDOT right-of-way.

SIGNAL HEADS

- All signal displays including pedestrian signals shall be LED.
- All signal head assemblies shall be black cast aluminum.
- All signal head assemblies shall include tunnel visors.
- The use of "Jones" plugs shall be prohibited.


STREET NAME SIGNS

- All internally illuminated street name signs shall be illuminated by LED's installed one foot below the messenger cable, powered by a separate circuit breaker, and be installed in accordance with the Internally Illuminated Street Name Sign Detail for Lake County Public Works.

PAY ITEM NOTE

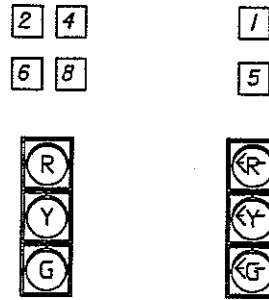
- The Contractor shall be responsible for contacting the power company providing the electrical power, to determine if any additional fees are required to connect power and for connection of power. If required, the fee shall be included as part of bid item payment for electrical service assembly.

*R. C. Hildebrand*  
 4/27/07

|   |                            |
|---|----------------------------|
| DATE  | April, 2007                |
| PROJECT NO.   | 049372002                  |
| SHEET NUMBER  | T3                         |
| VILLAGE CROSSROADS  |                            |
| SIGNALIZATION<br>GENERAL NOTES  |                            |
| DESIGN ENGINEER   | Ronald C. Hildebrand, P.E. |
| FLORIDA REGISTRATION NUMBER   | 41936                      |
| SCALE   | AS NOTED                   |
| DESIGNED BY   | date                       |
| DRAWN BY  | date                       |
| CHECKED BY  | date                       |
| SEAL  |                            |
| <br>Kimley-Horn and Associates, Inc.<br>2007 KIMLEY-HORN AND ASSOCIATES, INC.<br>3650 Maguire Boulevard, Suite 200, Lake County, Florida 32803<br>Phone: (407) 894-4791<br>WWW.KIMLEY-HORN.COM CA 00000896 |                            |

# SIGNAL DISPLAY DETAILS

ALL SIGNAL INDICATIONS SHALL BE L.E.D.



3-SECT., 1-WAY  
8 AS

650-51-313

659-106

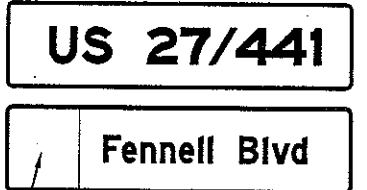
30 EA

3-SECT., 1-WAY  
2 AS

650-51-313

## SIGN DETAILS

INTERNALLY ILLUMINATED STREET NAME SIGNS (DOUBLE-SIDED)  
SEE SHEET T7 FOR DETAILS



699-1-1

"TOWN OF LADY LAKE" LOGO

### NOTES :

1. MAJOR STREET IS U.S. 27/441. MINOR STREET IS FENNEL BOULEVARD.
2. POWER SERVICE POINT SHALL BE VERIFIED AFTER A SITE VISIT WITH A POWER SERVICE REPRESENTATIVE.
3. FLASHING OPERATION : 2 AND 6 YELLOW. ALL OTHER HEADS RED.
4. INITIAL S.O.P. 7 PHASING. INTERSECTION SHALL BE WIRED FOR FUTURE S.O.P. 10 PHASING.
5. FOR STRIPING REVISIONS TO THE INTERSECTION, SEE SHEET T5.

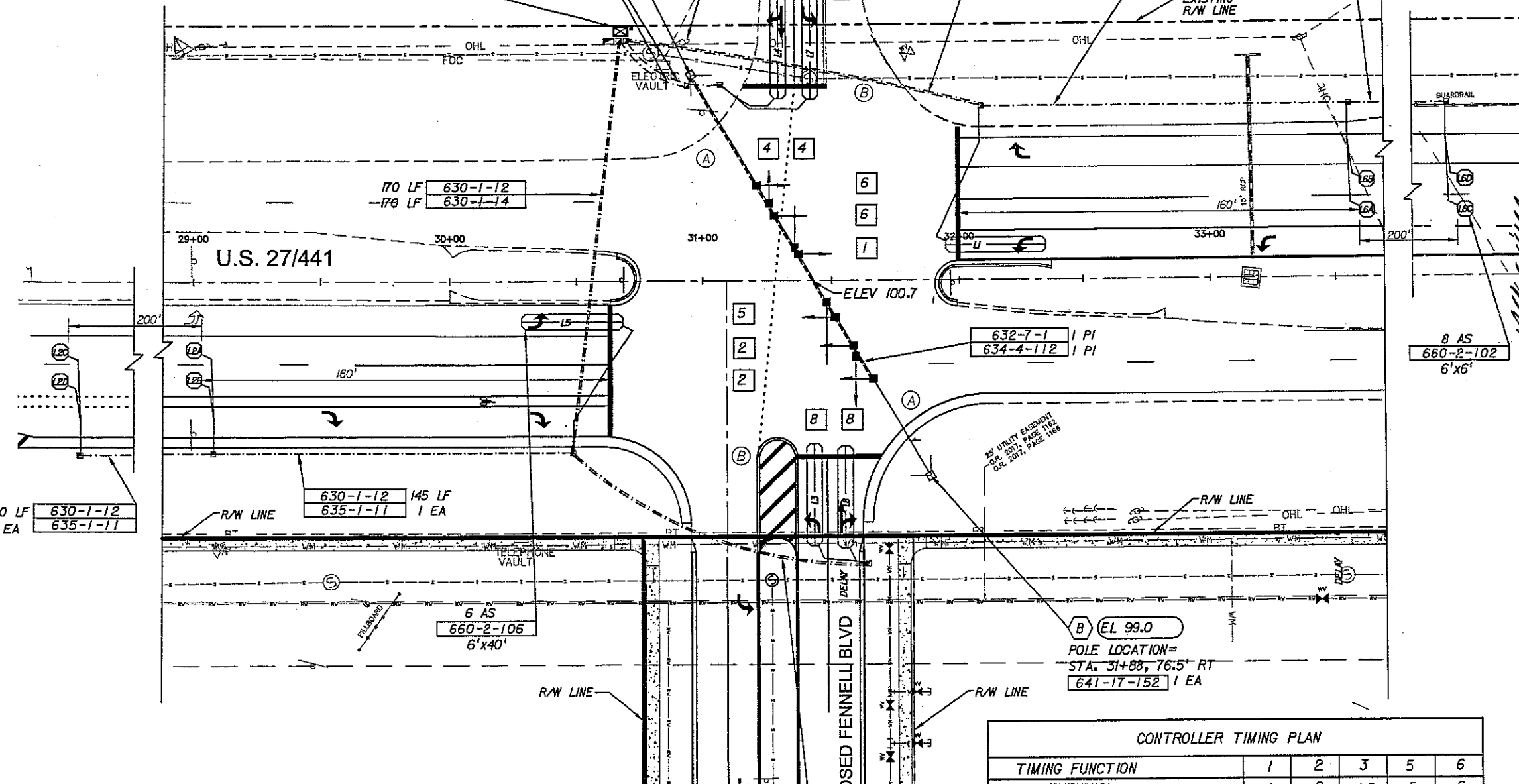
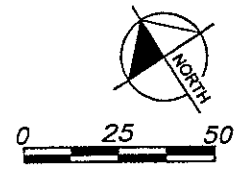
|                  |           |
|------------------|-----------|
| 15 LF            | 630-1-12  |
| 2 EA             | 635-1-11  |
| (OVERSIZED) 1 EA | 635-1-16  |
| 1 AS             | 639-1-22  |
| 150 LF           | 639-2-1   |
| 1 EA             | 641-4-112 |
| 12 EA            | 660-1-101 |
| 2 EA             | 660-1-102 |
| 1 AS             | 670-5-110 |
| 1 EA             | 685-128   |
| 1 EA             | 999-2*    |

\* PAY ITEM 999-2 (GENERATOR PAD 3'x3'x4') IS REQUIRED BY LAKE COUNTY.

A EL 98.0  
POLE LOCATION=  
STA. 30+96, 80.5' LT  
630-1-12 10 LF  
641-17-154 1 EA

80 LF 630-1-12  
2 EA 635-1-11

PRELIMINARY POWER SERVICE POINT  
EXISTING FPC POWER POLE #B200348



| DETECTORS FOR LOOPS |              |              |                    |                 |                  |
|---------------------|--------------|--------------|--------------------|-----------------|------------------|
| LOOP                | NO. OF LOOPS | NO. OF DETS. | DETECTOR OPERATION | TIMING FUNCTION | SECONDS OF DELAY |
| L1                  | 1            | 1            | NORMAL             | TF1             | -                |
| L2A,L2B,L2C,L2D     | 4            | 4            | NORMAL             | TF2             | -                |
| L3                  | 1            | 1            | NORMAL             | TF3             | -                |
| L4                  | 1            | 1            | DELAY              | TF3             | 10               |
| L5                  | 1            | 1            | NORMAL             | TF5             | -                |
| L6A,L6B,L6C,L6D     | 4            | 4            | NORMAL             | TF6             | -                |
| L7                  | 1            | 1            | NORMAL             | TF3             | -                |
| L8                  | 1            | 1            | DELAY              | TF3             | 10               |

| CONTROLLER TIMING PLAN  |     |      |     |     |      |
|-------------------------|-----|------|-----|-----|------|
| TIMING FUNCTION         | 1   | 2    | 3   | 5   | 6    |
| MOVEMENT(S)             | 1   | 2    | 4,8 | 5   | 6    |
| MINIMUM GREEN (INITIAL) | 5   | 16   | 5   | 5   | 16   |
| EXTENSION (PASSAGE)     | 3   | 3    | 3   | 3   | 3    |
| MAXIMUM GREEN I         | 25  | 63   | 28  | 19  | 69   |
| MAXIMUM GREEN II *      | -   | -    | -   | -   | -    |
| YELLOW                  | 4.4 | 4.8  | 3.5 | 4.4 | 4.8  |
| ALL RED                 | 1.0 | 1.0  | 1.0 | 1.0 | 1.0  |
| PEDESTRIAN WALK         | -   | -    | -   | -   | -    |
| FLASH DON'T WALK        | -   | -    | -   | -   | -    |
| RECALL                  | -   | MIN  | -   | -   | MIN  |
| DETECTOR FUNCTION       | NL  | LOCK | NL  | NL  | LOCK |

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DESIGN ENGINEER: Ronald C Hildebrand, P.E.  
FLORIDA REGISTRATION NUMBER: 41936

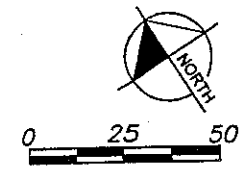
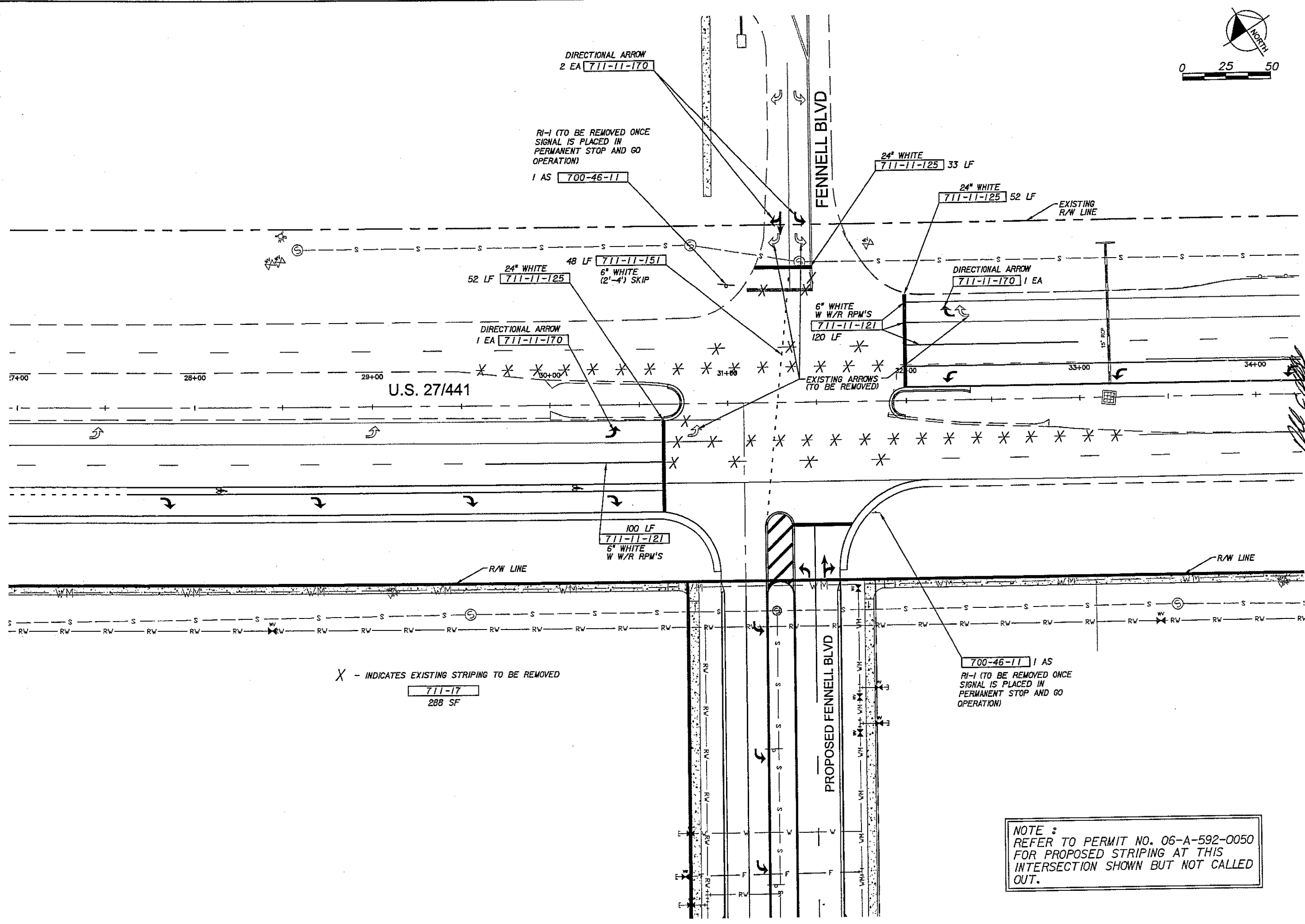
SCALE AS NOTED  
DESIGNED BY: [blank]  
DRAWN BY: [blank]  
CHECKED BY: [blank]

SIGNALIZATION PLAN

VILLAGE CROSSROADS

DATE: April, 2007  
PROJECT NO. 049372002  
SHEET NUMBER T4

Drawing name: d:\CADD\049372002 - Lady Lake - 42 Acre Site\CADD\CIVIL\CONST\SIGNAL\CROSSROADS\_LL\_stripping.dwg 15-stripping by: don.maocher  
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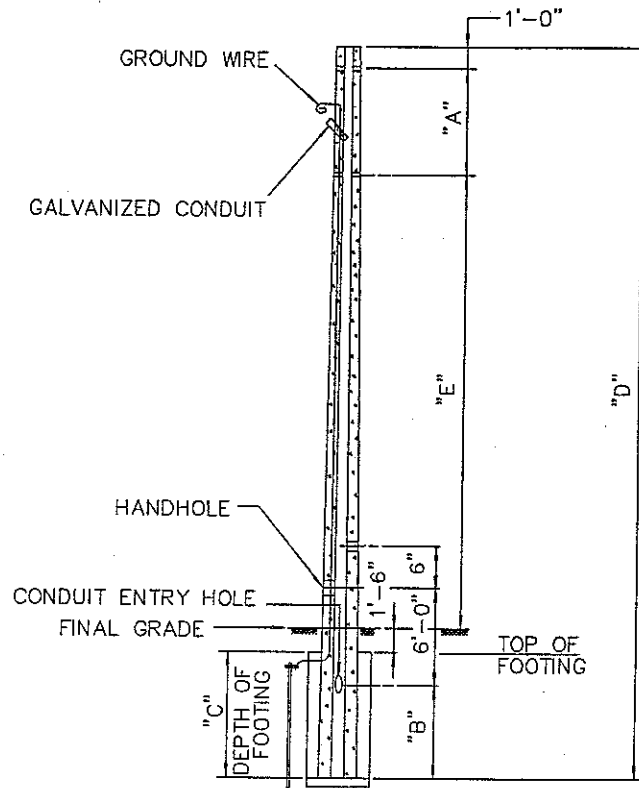


X - INDICATES EXISTING STRIPING TO BE REMOVED  
 711-17  
 288 SF

NOTE:  
 REFER TO PERMIT NO. 06-A-592-0050  
 FOR PROPOSED STRIPING AT THIS  
 INTERSECTION SHOWN BUT NOT CALLED  
 OUT.

|  |              |   |      |
|--|--------------|---|------|
| SCALE AS NOTED<br>DESIGNED BY: dcm<br>DRAWN BY: dcm<br>CHECKED BY: RCH |              | DESIGN ENGINEER<br>Ronald C Hildebrand, P.E.<br>FLORIDA REGISTRATION NUMBER:<br>41936   | SEAL |
| VILLAGE CROSSROADS<br>STRIPING MODIFICATION<br>PLAN                    |              |   |      |
| TOWN OF LADY LAKE<br>FLORIDA   |              | Kimley-Horn<br>and Associates, Inc.<br>2007 KIMLEY-HORN AND ASSOCIATES, INC.<br>3550 Maguire Boulevard, Suite 200, Orlando, FL 32803<br>Phone: (407) 868-1511 Fax: (407) 864-7791<br>WWW.KIMLEY-HORN.COM CA 0000896 |      |
| DATE   | APR 27, 2007 | REVISIONS   | BY   |
| PROJECT NO.  | 049372002    |   |      |
| SHEET NUMBER   | T5           |   |      |

Drawing name: Q:\CADD\049372002 - Lady Lake - 42 Acre Site\CADD\CIVIL\CROSSROADS\CROSSROADS\_L1\_Signol.dwg 16 Apr 26, 2007 3:45pm by: dbh,macher  
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DETAIL OF PRESTRESSED CONCRETE

STRAIN POLE NOTES

1. THIS DESIGN IS FOR A SPAN WIRE ASSEMBLY WITH TWO POINTS ATTACHMENT. INSTALLATION SHALL BE IN ACCORDANCE WITH THE 2007 EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. DESIGN PARAMETERS:
  - COHESIONLESS SOIL
  - SOIL FRICTION ANGLE = 29 DEGREES
  - SOIL WEIGHT (SUBMERGED) = 45.6 pcf
  - DESIGN WIND SPEED = 80 mph
3. ALL LABOR, MATERIALS, AND EXPENSES FOR DESIGN, FURNISHING AND INSTALLING THESE POLES SHALL BE INCLUDED IN BID ITEMS 641-17-152 AND 641-17-154.
4. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SPECIFIED.

| CONCRETE STRAIN POLE SCHEDULE |          |          |        |    |    |    |    |      |            |       |                    |                     |                                  |  |
|-------------------------------|----------|----------|--------|----|----|----|----|------|------------|-------|--------------------|---------------------|----------------------------------|--|
| POLE DATA                     |          |          |        |    |    |    |    |      |            |       | CABLE DATA         |                     | MINIMUM MOMENT CAPACITY (KIP-FT) |  |
| STATION / OFFSET              | POLE NO. | SPAN NO. | TYPE   | A  | B  | C  | D  | E    | ITEM NO.   | QUAN. | CATENARY SIZE (in) | MESSENGER SIZE (in) |                                  |  |
| 30+96, 80.5' LT               | A        | A-B      | N-VIII | 10 | 15 | 16 | 54 | 25.5 | 641-17-154 | 1     | 3/8"               | 1/2"                | 346                              |  |
| 31+88, 76.5' RT               | B        | A-B      | N-VIII | 10 | 14 | 15 | 52 | 24.5 | 641-17-152 | 1     | 3/8"               | 1/2"                | 338                              |  |
|                               |          |          |        |    |    |    |    |      |            |       |                    |                     |                                  |  |
|                               |          |          |        |    |    |    |    |      |            |       |                    |                     |                                  |  |
|                               |          |          |        |    |    |    |    |      |            |       |                    |                     |                                  |  |
|                               |          |          |        |    |    |    |    |      |            |       |                    |                     |                                  |  |

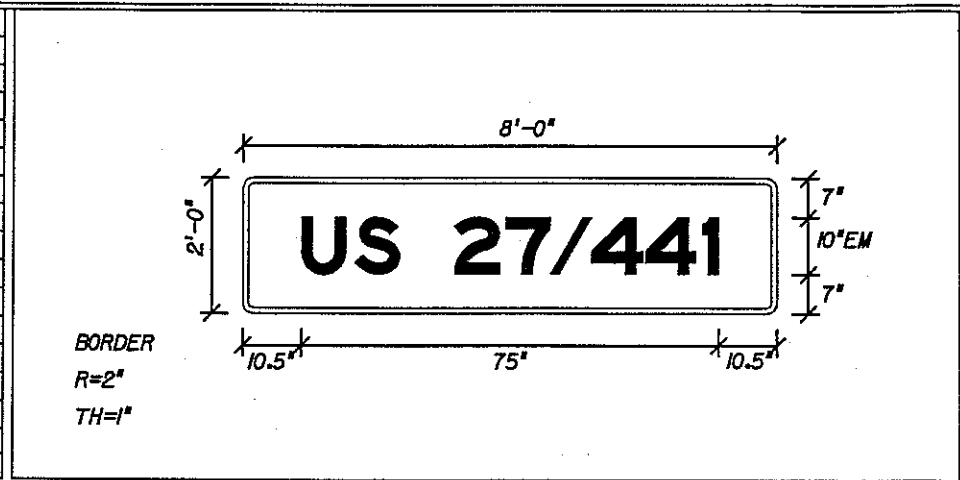
*Rob Case*  
 4/26/07

|   |  |
|---|--|
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| DESIGN ENGINEER:  | Robin E. Case, P.E.<br>FLORIDA REGISTRATION NUMBER:<br>63004 |
| SCALE:  | AS NOTED   |
| DESIGNED BY:  | dbh  |
| DRAWN BY:   | dbh  |
| CHECKED BY:   | RCH  |
| STRAIN POLE SCHEDULE  |  |
| VILLAGE CROSSROADS FLORIDA<br>TOWN OF LADY LAKE   |  |
| DATE:   | April, 2007  |
| PROJECT NO.:  | 049372002  |
| SHEET NUMBER:   | T6   |
| REVISIONS:  | NO.  |
| DATE:   | BY:  |

|                       |       |   |     |    |
|-----------------------|-------|---|-----|----|
| SIGN NUMBER           | A     |   |     |    |
| QUANTITY              | 2     |   |     |    |
| WIDTH                 | 8'-0" |   |     |    |
| HEIGHT                | 2'-0" |   |     |    |
| BORDER WIDTH          | 1"    |   |     |    |
| BORDER RADIUS         | 2"    |   |     |    |
| BACKGROUND COLOR      | Green |   |     |    |
| LEGEND & BORDER COLOR | White |   |     |    |
| STATION(S)            | none  |   |     |    |
| SYMBOL(S)             | X     | Y | WID | HT |
|                       |       |   |     |    |
|                       |       |   |     |    |
|                       |       |   |     |    |
|                       |       |   |     |    |

|             |              |             |         |
|-------------|--------------|-------------|---------|
| SIGN NUMBER | CLEARANCE    | COLUMN SIZE | AVERAGE |
|             | EDGE OF LANE |             | LENGTH  |
|             |              |             |         |
|             |              |             |         |

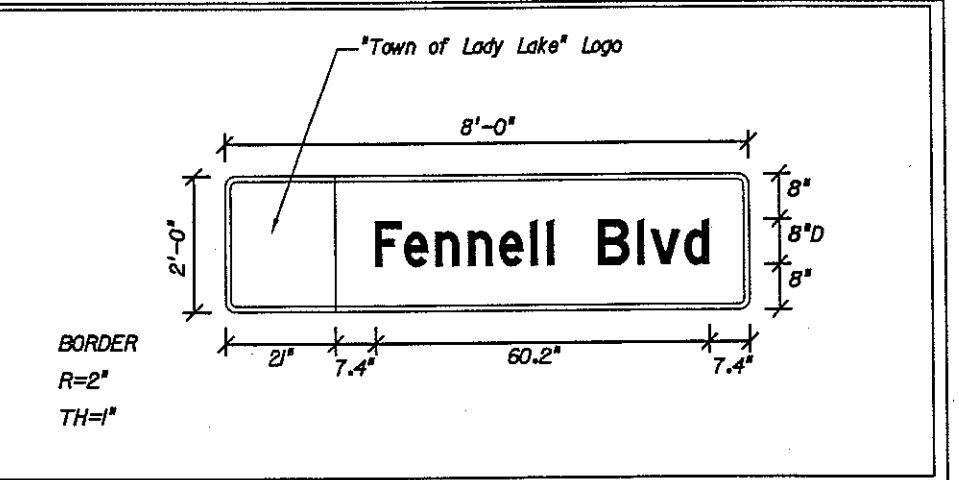


|       |      |     |   |    |     |   |     |     |      |   |      |     |  |  |  |
|-------|------|-----|---|----|-----|---|-----|-----|------|---|------|-----|--|--|--|
| COPY  |      | U   | S |    | 2   | 7 | /   | 4   | 4    | 1 |      | L   |  |  |  |
| SPACE | 10.5 | 9.5 | 8 | 10 | 9.2 | 8 | 7.3 | 9.6 | 10.5 | 3 | 10.5 | 7.5 |  |  |  |
| COPY  |      |     |   |    |     |   |     |     |      |   |      |     |  |  |  |
| SPACE |      |     |   |    |     |   |     |     |      |   |      |     |  |  |  |
| COPY  |      |     |   |    |     |   |     |     |      |   |      |     |  |  |  |
| SPACE |      |     |   |    |     |   |     |     |      |   |      |     |  |  |  |
| COPY  |      |     |   |    |     |   |     |     |      |   |      |     |  |  |  |
| SPACE |      |     |   |    |     |   |     |     |      |   |      |     |  |  |  |
| COPY  |      |     |   |    |     |   |     |     |      |   |      |     |  |  |  |
| SPACE |      |     |   |    |     |   |     |     |      |   |      |     |  |  |  |

|                       |       |   |     |    |
|-----------------------|-------|---|-----|----|
| SIGN NUMBER           | B     |   |     |    |
| QUANTITY              | 2     |   |     |    |
| WIDTH                 | 8'-0" |   |     |    |
| HEIGHT                | 2'-0" |   |     |    |
| BORDER WIDTH          | 1"    |   |     |    |
| BORDER RADIUS         | 2"    |   |     |    |
| BACKGROUND COLOR      | Green |   |     |    |
| LEGEND & BORDER COLOR | White |   |     |    |
| STATION(S)            | none  |   |     |    |
| SYMBOL(S)             | X     | Y | WID | HT |
|                       |       |   |     |    |
|                       |       |   |     |    |
|                       |       |   |     |    |
|                       |       |   |     |    |

|             |              |             |         |
|-------------|--------------|-------------|---------|
| SIGN NUMBER | CLEARANCE    | COLUMN SIZE | AVERAGE |
|             | EDGE OF LANE |             | LENGTH  |
|             |              |             |         |
|             |              |             |         |

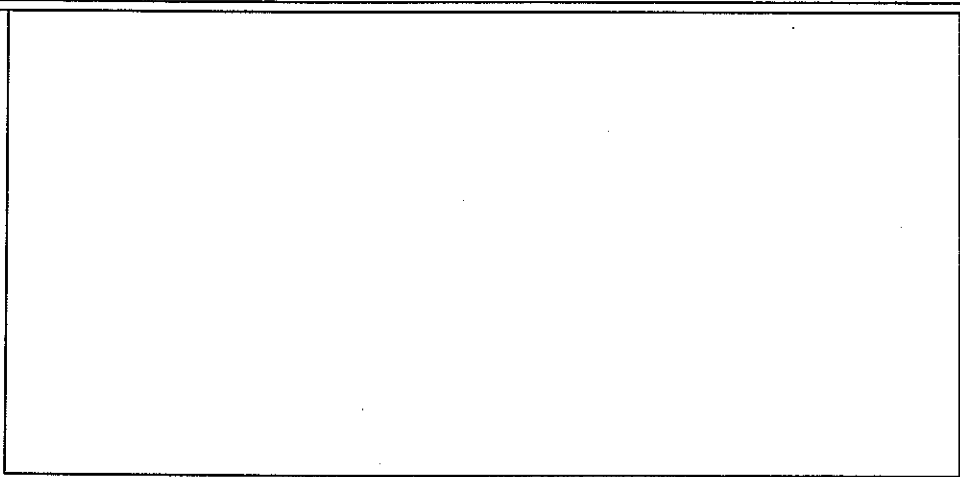


|       |      |     |     |   |     |     |     |     |   |   |     |     |     |     |      |
|-------|------|-----|-----|---|-----|-----|-----|-----|---|---|-----|-----|-----|-----|------|
| COPY  |      | F   | e   | n | n   | e   | l   | l   | B | i | v   | d   | L   |     |      |
| SPACE | 28.4 | 5.4 | 5.7 | 6 | 5.6 | 5.7 | 2.9 | 1.3 | 8 | 7 | 2.5 | 5.9 | 4.3 | 7.4 | 60.2 |
| COPY  |      |     |     |   |     |     |     |     |   |   |     |     |     |     |      |
| SPACE |      |     |     |   |     |     |     |     |   |   |     |     |     |     |      |
| COPY  |      |     |     |   |     |     |     |     |   |   |     |     |     |     |      |
| SPACE |      |     |     |   |     |     |     |     |   |   |     |     |     |     |      |
| COPY  |      |     |     |   |     |     |     |     |   |   |     |     |     |     |      |
| SPACE |      |     |     |   |     |     |     |     |   |   |     |     |     |     |      |
| COPY  |      |     |     |   |     |     |     |     |   |   |     |     |     |     |      |
| SPACE |      |     |     |   |     |     |     |     |   |   |     |     |     |     |      |

|                       |   |   |     |    |
|-----------------------|---|---|-----|----|
| SIGN NUMBER           |   |   |     |    |
| QUANTITY              |   |   |     |    |
| WIDTH                 |   |   |     |    |
| HEIGHT                |   |   |     |    |
| BORDER WIDTH          |   |   |     |    |
| BORDER RADIUS         |   |   |     |    |
| BACKGROUND COLOR      |   |   |     |    |
| LEGEND & BORDER COLOR |   |   |     |    |
| STATION(S)            |   |   |     |    |
| SYMBOL(S)             | X | Y | WID | HT |
|                       |   |   |     |    |
|                       |   |   |     |    |
|                       |   |   |     |    |
|                       |   |   |     |    |

|             |              |             |         |
|-------------|--------------|-------------|---------|
| SIGN NUMBER | CLEARANCE    | COLUMN SIZE | AVERAGE |
|             | EDGE OF LANE |             | LENGTH  |
|             |              |             |         |
|             |              |             |         |

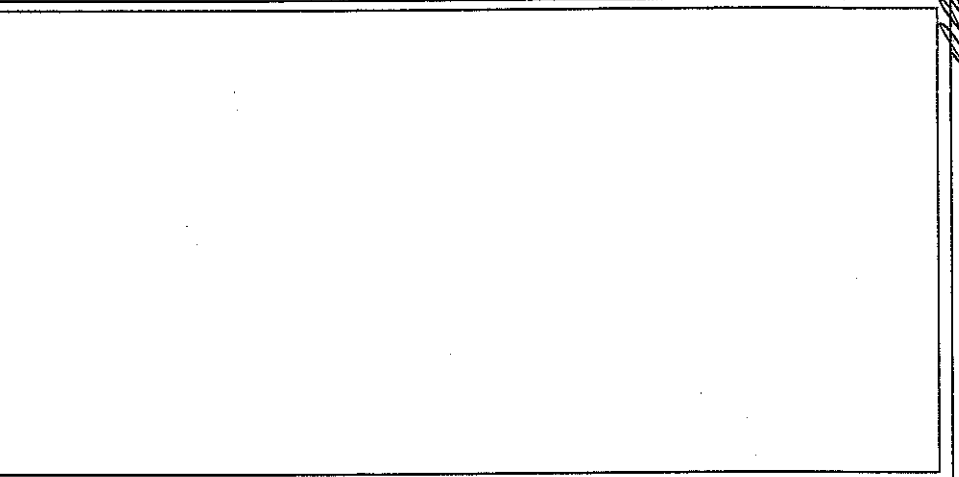


|       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| COPY  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SPACE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| COPY  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SPACE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| COPY  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SPACE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| COPY  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SPACE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| COPY  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SPACE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|                       |   |   |     |    |
|-----------------------|---|---|-----|----|
| SIGN NUMBER           |   |   |     |    |
| QUANTITY              |   |   |     |    |
| WIDTH                 |   |   |     |    |
| HEIGHT                |   |   |     |    |
| BORDER WIDTH          |   |   |     |    |
| BORDER RADIUS         |   |   |     |    |
| BACKGROUND COLOR      |   |   |     |    |
| LEGEND & BORDER COLOR |   |   |     |    |
| STATION(S)            |   |   |     |    |
| SYMBOL(S)             | X | Y | WID | HT |
|                       |   |   |     |    |
|                       |   |   |     |    |
|                       |   |   |     |    |
|                       |   |   |     |    |

|             |              |             |         |
|-------------|--------------|-------------|---------|
| SIGN NUMBER | CLEARANCE    | COLUMN SIZE | AVERAGE |
|             | EDGE OF LANE |             | LENGTH  |
|             |              |             |         |
|             |              |             |         |



|       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| COPY  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SPACE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| COPY  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SPACE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| COPY  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SPACE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| COPY  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SPACE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| COPY  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SPACE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

DATE
REVISIONS
BY

**Kinley-Horn and Associates, Inc.**  
 3860 Maguire Boulevard, Suite 200, Orlando, FL 32803  
 Phone: (407) 995-7511 Fax: (407) 995-7971  
 WWW.KHLEY-HORN.COM CA 00008596

DESIGN ENGINEER: Ronald C. Hildebrand, P.E.  
 FLORIDA REGISTRATION NUMBER: 41936

SCALE: AS NOTED  
 DESIGNED BY: don  
 DRAWN BY: don  
 CHECKED BY: don

**VILLAGE CROSSROADS**  
GUIDE SIGN WORK SHEET

TOWN OF LADY LAKE, FLORIDA

DATE: April, 2007  
 PROJECT NO.: 049372002  
 SHEET NUMBER: T7