

ITEM SEGMENT OVERVIEW

Item Segment: [408286-7 Display Map](#)
 Description: **SR 80 AT US 27 NEW INTERCHANGE**

| | | | |
|------------------------|---------------------------------|----------------------|--------------------|
| Version Displayed: | AD (ADOPTED) | As of: | 01/29/14, 06.54.14 |
| Version Requested: | G1 (TENTATIVE) | Managing District: | 01 |
| Current Status: | 096 - CONST.COMPLETE 01/09/2014 | Geographic District: | 01 |
| Transportation System: | INTRASTATE STATE HIGHWAY | County: | 07 - HENDRY |
| Box Item: | N | Emergency: | N |
| Work Mix: | 0230 - INTERCHANGE (NEW) | Contract Type: | 1 - TO BE LET |
| Project Length: | .981 | Measurement Type: | E - ENGLISH |
| Project Manager: | CES-NEM-RWH | Old Item: | |

Status History

| | | | |
|----------|-----|----------------------|------------|
| Current: | 096 | CONST.COMPLETE | 01/09/2014 |
| Prior: | 090 | UNDER CONSTRUCTION | 09/19/2011 |
| | 070 | CONTRACT EXECUTED | 07/12/2011 |
| | 060 | AWARDED | 06/28/2011 |
| | 040 | BIDS RECEIVED | 05/25/2011 |
| | 030 | ADVERTISED | 04/22/2011 |
| | 020 | PLANS&ROW IN TALLA. | 03/30/2011 |
| | 014 | ROW ACQUISITION BEG. | 05/13/2010 |
| | 005 | ADOPTED, NOT BEGUN | 06/29/2009 |
| | 000 | CANDIDATE LINE ITEM | 10/29/2008 |

Item Comments

7125\05-EXCESS LFR IS TO REMAIN PROGRAMMED ON PH 22 UNTIL
 THE CONTRACT & JPA IS CLOSED OUT.
 56 01= GLADES ELECTRIC

Item Segment Comments

| | |
|------------------------------|--------------------|
| T1455 | (Misc) |
| SEE WP45 FOR MOWING & LITTER | (Misc) |
| PE UNDER 408286-2 | (Misc) |
| INITIAL / MAIL JAN 2011 | (Segment Comments) |
| LITTER REMOVAL DI 22,641.96 | (Segment Comments) |
| MOWING DI 98,586.44 | (Segment Comments) |
| SUB TOTAL ** 121,228.40 | (Segment Comments) |
| CONTINGENCY DI 150,000.00 | (Segment Comments) |
| TOTAL 271,228.40 | (Segment Comments) |

Item Segment Groups

| | |
|------|-------------------------------|
| OVST | FHWA OVERSIGHT |
| REDI | RURAL ECONOM DEVEL INITIATIVE |
| SIS | STRATEGIC INTERMODAL SYSTEM |

Roadways

| | | | | | | | |
|---------------------|--------------------|---------------------|---------------------------|--------------|------|-------|-------|
| Roadway ID: | 07010000 | SR No: | SR 80 | US No: | | Desc: | SR-80 |
| Beginning Point: | 30.841 | Ending Point: | 31.822 | Length: | .981 | | |
| Lanes Existing: | 2 | Lanes Improved: | 0 | Lanes Added: | 0 | | |
| Proposed X-Sect: | | Roadway Side: | C | | | | |
| Federal Aid System: | NHS NON-INTERSTATE | Federal Hwy System: | NHS | | | | |
| Place Code: | | Functional Class: | 02 - RURAL PRIN ART OTHER | | | | |

Comments:
 US 27 WILL BE SHIFTED EAST AND SR 80 WILL INTERSECT US 27
 AT 31.897 AFTER CONSTRUCTION

Total Lane Miles: 1.962

PSM SCHEDULE

[View Schedule by Start Date](#)
[View Schedule by Activity](#)
[View Schedule by Crosswalk Phase](#) (opens a new window)

FINANCIAL INFORMATION: Item Segment 408286-7

For details click on highlighted Financial Project or Phase Group; then use your Back button to return to this screen

| Phase | Version | Scheduled Start Date | Financial Project | Status | Programmed | Authorized | Committed | Present Day Cost |
|-----------------------|-------------------------|--------------------------------------|-----------------------------------|------------------------|----------------------------|----------------------------|---------------------------|----------------------------------|
|-----------------------|-------------------------|--------------------------------------|-----------------------------------|------------------------|----------------------------|----------------------------|---------------------------|----------------------------------|

FLORIDA DEPARTMENT OF TRANSPORTATION
 DISTRICT ONE VERTICAL CONTROL SURVEY REPORT
 BENCH MARK COVER SHEET - DATUM N.G.V.D. 1929

ROAD SECTION NO. 07030-000

408286-7-52-01 N/A S.R. 80 / S.R. 25 (U.S. 27) Hendry
Financial Project ID: **State Job No. (Old):** **S.R. No.** **County:**

PROJECT DESCRIPTION (FROM SYSTEM): SR80
FROM: 4700' West of S.R. 25 (U.S. 27)
TO: SR 25 (U.S. 27)
 AND
SR25 (US27)
FROM: 4000' West of Flaghole Road
TO: 3000' South of Glades County Line

SECTION(S) - 12 **TOWNSHIP -** 43 **S** **RANGE -** 32 **E**
SECTION(S) - 7 **TOWNSHIP -** 43 **S** **RANGE -** 33 **E**

| LINE NO. | BEGINNING MARK DESCRIPTION | ENDING MARK DESCRIPTION | LINE LENGTH | ALLOWABLE ERROR | ACTUAL ERROR | ADJUSTMENT PER FOOT |
|----------|----------------------------|-------------------------|-------------|-----------------|--------------|---------------------|
| 1 | BM 52 RESET | BM 58 RESET | 17,261' | 0.0904' | 0.015' | -0.0000008690' |
| 1 | BM 58 RESET | BM 52 RESET | 8,722' | 0.0643' | -0.009' | 0.0000010319' |

ELEVATIONS ADJUSTED BY PROPORTIONATE RELATIONSHIP OF ERROR TO LENGTH OF RUN.

NOTES:

LINE 1: ORIGINATES AT RECOVERED F.D.O.T. BENCH MARK "BM 52 RESET" AND RUNS EASTERLY THROUGH SECONDARY CONTROL AND SET F.D.O.T. BENCHMARK "BM666" ADJUSTING INTO RECOVERED F.D.O.T. BENCH MARK "BM 58 RESET".

LINE 2: ORIGINATES AT RECOVERED F.D.O.T. BENCH MARK "BM 58 RESET" AND RUNS SOUTHERLY THROUGH SECONDARY CONTROL AND SET F.D.O.T. BENCHMARKS "BM 692", "BM 685", "BM 675" AND "BM 657" ADJUSTING INTO RECOVERED F.D.O.T. BENCH MARK "BM 58 RESET".

BENCH LINE TABULATION AND ADJUSTMENT

Line 1

| BM No. | Unadjusted Elevation (ft) | Distance (ft) | Amount of Correction (ft) | Adjusted Elevation (ft) | Published Elevation (ft) |
|-------------|---------------------------------|------------------|---------------------------------|-------------------------------|--------------------------------|
| BM 52 RESET | | | | | 20.274 |
| BM 51A | 19.791 | 1006.51 | -0.001 | 19.790 | |
| CP1 | 24.306 | 1301.67 | -0.001 | 24.305 | |
| CP19 | 23.758 | 2401.28 | -0.002 | 23.756 | |
| CP20 | 23.339 | 3504.78 | -0.003 | 23.336 | |
| BM 666 | 22.290 | 4045.54 | -0.004 | 22.286 | |
| CP21 | 27.916 | 4418.4 | -0.004 | 27.912 | |
| CP14 | 35.644 | 5643.09 | -0.005 | 35.639 | |
| CP13 | 24.710 | 6941.5 | -0.006 | 24.704 | |
| CP10 | 23.165 | 8545.27 | -0.007 | 23.158 | |
| CP12 | 24.586 | 9449.17 | -0.008 | 24.578 | |
| CP18 | 27.959 | 14303.08 | -0.012 | 27.947 | |
| CP17 | 22.714 | 15297.8 | -0.013 | 22.701 | |
| CP16 | 21.348 | 16367.94 | -0.014 | 21.334 | |
| BM 58 RESET | 16.853 | 17261.19 | -0.015 | 16.838 | 16.838 |

From BM 52 RESET To BM 58 RESET

Line Length = 17261.19 ft = 3.2692 mi

BM 58 RESET Published Elevation 16.838

BM 58 RESET Actual Elevation 16.853

Actual Difference = -0.015 ft

Allowable Difference: $0.05 * \text{sqr}(3.2692)$ = 0.0904 ft

Adjustment per Foot: -0.000008690 ft/ft

Bench Line Filename:
408286_SR80.xls

BENCH LINE TABULATION AND ADJUSTMENT

Line 2

| BM No. | Unadjusted Elevation (ft) | Distance (ft) | Amount of Correction (ft) | Adjusted Elevation (ft) | Published Elevation (ft) |
|-------------|---------------------------------|------------------|---------------------------------|-------------------------------|--------------------------------|
| BM 58 RESET | | | | | 16.838 |
| BM 692 | 18.743 | 1203.5 | 0.001 | 18.744 | |
| BM 685 | 19.287 | 1990.66 | 0.002 | 19.289 | |
| BM 675 | 18.908 | 2935.37 | 0.003 | 18.911 | |
| RAPTOR1 | 19.585 | 3432.33 | 0.004 | 19.589 | |
| BM 657 | 20.085 | 4559.87 | 0.005 | 20.090 | |
| CP22 | 23.424 | 4727.94 | 0.005 | 23.429 | |
| CP15 | 46.481 | 6190.75 | 0.006 | 46.487 | |
| BM 52 RESET | 20.265 | 8722.15 | 0.009 | 20.274 | 20.274 |

From BM 58 RESET To BM 52 RESET

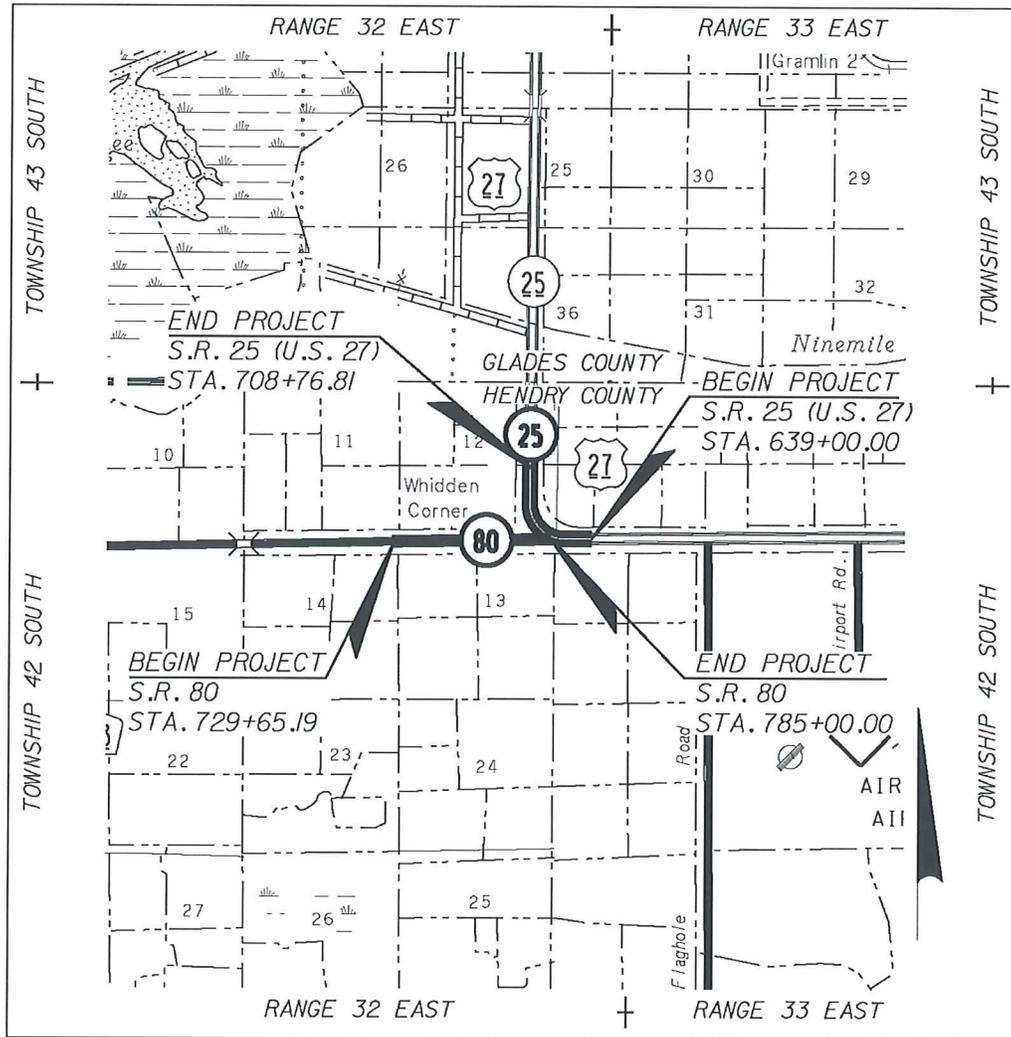
Line Length = 8722.15 ft = 1.6519 mi

BM 52 RESET Published Elevation 20.274
 BM 52 RESET Actual Elevation 20.265
 Actual Difference = 0.009 ft

Allowable Difference: $0.05 * \text{sqr}(1.6519) = 0.0643$ ft

Adjustment per Foot: 0.0000010319 ft/ft

Bench Line Filename:
408286_SR80.xls



HARDEE COUNTY, FLORIDA
LOCATION MAP

NOT TO SCALE

Hyatt Survey Services, Inc. LB 7203

FIRM NAME & L.B. No.

11007 8th Ave. East
 Bradenton, FL 34212

STREET ADDRESS, CITY, STATE, ZIP

Russell P. Hyatt PSM 5303

SURVEYORS NAME & LICENSE No.

[Handwritten Signature]

SURVEYORS SIGNATURE

SEAL

1/27/14

DATE

FIELD SURVEY DATE: January 2014

NOT VALID UNLESS SIGNED AND EMBOSSED WITH SURVEYORS SEAL

Florida Department of Transportation District One

Vertical Control Data Sheet

DATUM

NGVD 1929 X

NAVD 1988

Monument Name or Designation: BM 657 Elevation feet: 20.090

State Road No.: U.S. 27 County: HENDRY

Section: 7 Township: 43S Range: 33E Roadway Section I.D.: 07030-000

Establishing Firm: HYATT SURVEY SERVICES, INC. Field Book No.: 002480

Established: 1 / 03 / 14 Recovered: / / Financial Project ID: 408286-7

State Plane Coordinates:

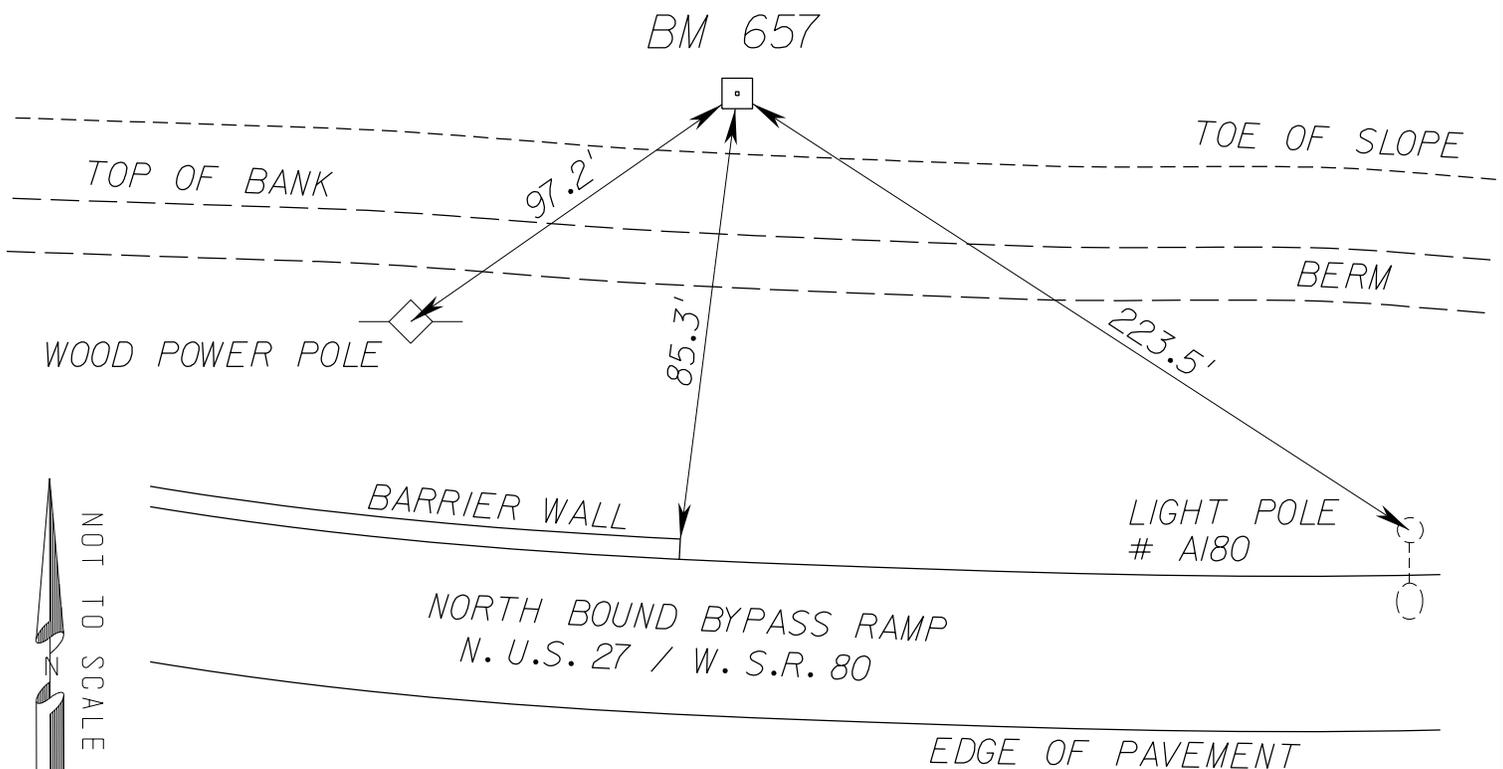
(Nearest Foot) N (Y): = 879817.9 E (X): = 630976.0

Base Line Station and Offset: STA. 656+88.8 225.1' RT.

Description of Monument: SET STANDARD 4"X4" F.D.O.T CONCRETE
MONUMENT WITH A BRASS DISK STAMPED BM 657

Distance and Direction from Nearest Intersection: 0.25 MILES EAST
ALONG U.S. 27 FROM THE INTERSECTION OF S.R. 80 AND U.S. 27

Field Location Sketch



Florida Department of Transportation District One

Vertical Control Data Sheet

DATUM

NGVD 1929 X

NAVD 1988

Monument Name or Designation: BM 666 Elevation feet: 22.286

State Road No.: U.S. 27 County: HENDRY

Section: 7 Township: 43S Range: 33E Roadway Section I.D.: 07030-000

Establishing Firm: HYATT SURVEY SERVICES, INC. Field Book No.: 002480

Established: 1 / 03 / 14 Recovered: / / Financial Project ID: 408286-7

State Plane Coordinates:

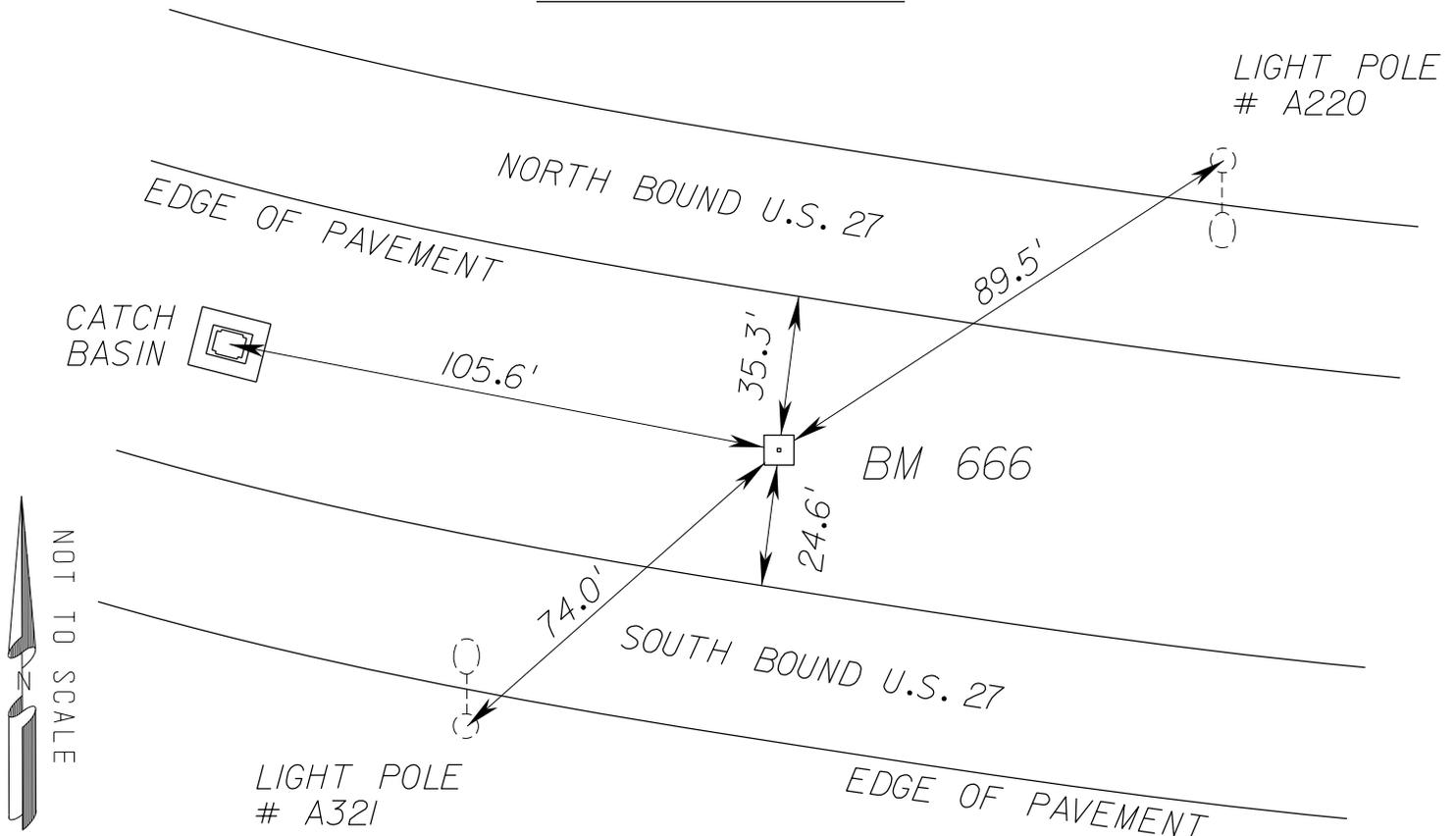
(Nearest Foot) N (Y): = 879765.4 E (X): = 630052.5

Base Line Station and Offset: STA. 666+39.4 3.2' LT.

Description of Monument: SET STANDARD 4"X4" F.D.O.T CONCRETE
MONUMENT WITH A BRASS DISK STAMPED BM 666

Distance and Direction from Nearest Intersection: 580 FEET SOUTHEAST
ALONG U.S. 27 FROM THE INTERSECTION OF S.R. 80 AND U.S. 27

Field Location Sketch



Florida Department of Transportation District One
Vertical Control Data Sheet

DATUM

NGVD 1929 X

NAVD 1988

Monument Name or Designation: BM 675 Elevation feet: 18.911

State Road No.: U.S. 27 County: HENDRY

Section: 12 Township: 43S Range: 32E Roadway Section I.D.: 07030-000

Establishing Firm: HYATT SURVEY SERVICES, INC. Field Book No.: 002480

Established: 1 / 03 / 14 Recovered: / / Financial Project ID: 408286-7

State Plane Coordinates:

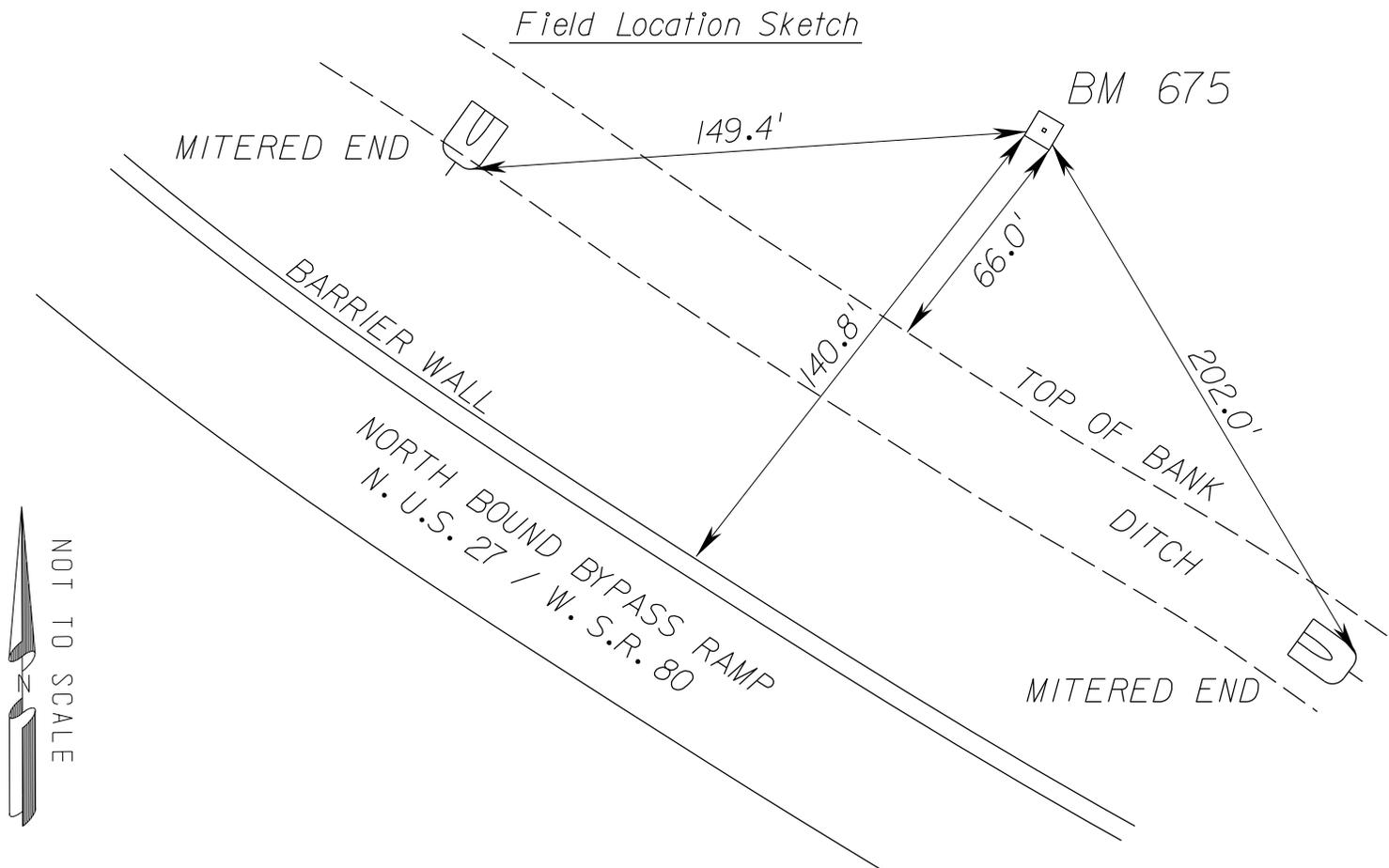
(Nearest Foot) N (Y): = 880596.9 E (X): = 629786.5

Base Line Station and Offset: STA. 675+00 479' RT.

Description of Monument: SET STANDARD 4"X4" F.D.O.T CONCRETE
MONUMENT WITH A BRASS DISK STAMPED BM 675

Distance and Direction from Nearest Intersection: 196 FEET NORTHWEST
ALONG U.S. 27 FROM THE INTERSECTION OF S.R. 80 AND U.S. 27

Field Location Sketch



Florida Department of Transportation District One

Vertical Control Data Sheet

DATUM

NGVD 1929 X

NAVD 1988

Monument Name or Designation: BM 685 Elevation feet: 19.289

State Road No.: U.S. 27 County: HENDRY

Section: 12 Township: 43S Range: 32E Roadway Section I.D.: 07030-000

Establishing Firm: HYATT SURVEY SERVICES, INC. Field Book No.: 002480

Established: 1 / 03 / 14 Recovered: / / Financial Project ID: 408286-7

State Plane Coordinates:

(Nearest Foot) N (Y): = 881272.3 E (X): = 629328.3

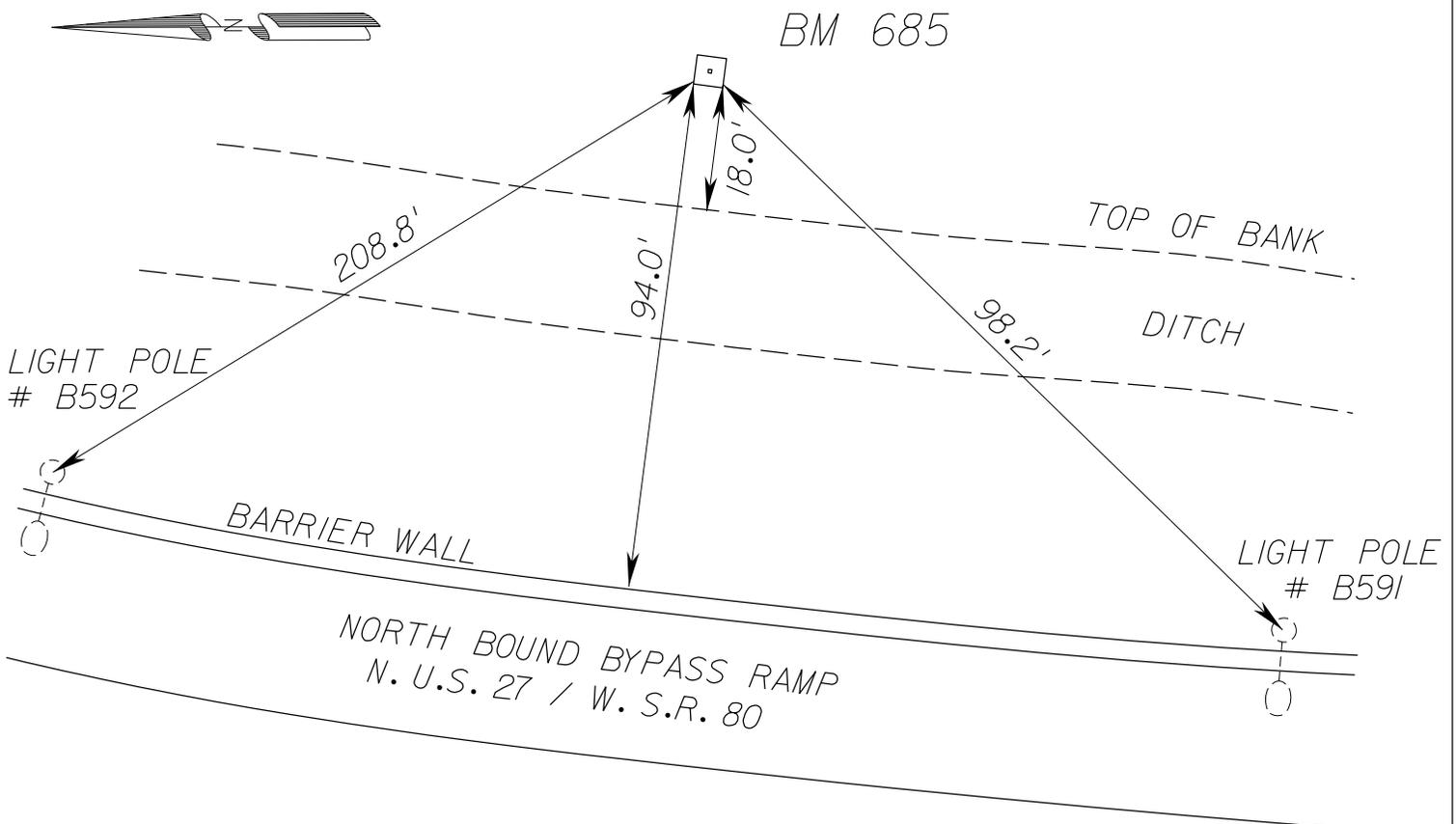
Base Line Station and Offset: STA. 685+15.7 265.8' RT.

Description of Monument: SET STANDARD 4"X4" F.D.O.T CONCRETE
MONUMENT WITH A BRASS DISK STAMPED BM 685

Distance and Direction from Nearest Intersection: 0.2 MILES NORTH
ALONG U.S. 27 FROM THE INTERSECTION OF S.R. 80 AND U.S. 27

Field Location Sketch

NOT TO SCALE



Florida Department of Transportation District One

Vertical Control Data Sheet

DATUM

NGVD 1929 X

NAVD 1988

Monument Name or Designation: BM 692 Elevation feet: 18.744

State Road No.: U.S. 27 County: HENDRY

Section: 12 Township: 43S Range: 32E Roadway Section I.D.: 07030-000

Establishing Firm: HYATT SURVEY SERVICES, INC. Field Book No.: 002480

Established: 1 / 03 / 14 Recovered: / / Financial Project ID: 408286-7

State Plane Coordinates:

(Nearest Foot) N (Y): = 881960.7 E (X): = 629268.1

Base Line Station and Offset: STA. 692+20.7 202.1' RT.

Description of Monument: SET STANDARD 4"X4" F.D.O.T CONCRETE
MONUMENT WITH A BRASS DISK STAMPED BM 692

Distance and Direction from Nearest Intersection: 0.35 MILES NORTH
ALONG U.S. 27 FROM THE INTERSECTION OF S.R. 80 AND U.S. 27

Field Location Sketch

