

**FLORIDA DEPARTMENT OF TRANSPORTATION**  
**BRIDGE MANAGEMENT SYSTEM**  
**Inspection/CIDR Report**  
(TRAFFIC SIGNAL MAST ARM INSPECTION REPORT)

Structure ID: 70M085

Inspection

DISTRICT: D5 - Deland

INSPECTION DATE: 3/20/2026 BEYA

|                   |                                   |                       |                                               |
|-------------------|-----------------------------------|-----------------------|-----------------------------------------------|
| BY:               | Ayres Associates                  | STRUCTURE NAME:       | US-1 SB at SR-405                             |
| OWNER:            | 1 State Highway Agency            | YEAR BUILT:           | 2009                                          |
| MAINTAINED BY:    | 4 City/Municipal Hwy Agy          | SECTION NO.:          | 70 030 101                                    |
| STRUCTURE TYPE:   | 3 Steel - Traffic Signal Mast Arm | MP:                   | 0.892                                         |
| LOCATION:         | 0.5 Mile South of SR-406          | ROUTE:                | 00001                                         |
| SERV. TYPE ON:    | Traffic Signal Mast Arm           | FACILITY CARRIED:     | US-1(Hopkins Av)SB                            |
| SERV. TYPE UNDER: | 1 Highway                         | FEATURE INTERSECTED:  | SR-405 (South St)                             |
| MAST ARM CODE:    | 2                                 | MAST ARM DESCRIPTION: | Mast arm is inside the mast arm boundary area |

☐ FUNCTIONALLY OBSOLETE☐ STRUCTURALLY DEFICIENT

TYPE OF INSPECTION: Regular NBI

DATE FIELD INSPECTION WAS PERFORMED: ABOVE WATER: 3/20/2026 UNDERWATER: N/A

SUFFICIENCY RATING: -1  
HEALTH INDEX: 97.78

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**INSPECTION DATE: 3/20/2026 BEYA**

|                                                   |                                                                     |
|---------------------------------------------------|---------------------------------------------------------------------|
| BY: Ayres Associates                              | STRUCTURE NAME: US-1 SB at SR-405                                   |
| OWNER: 1 State Highway Agency                     | YEAR BUILT: 2009                                                    |
| MAINTAINED BY: 4 City/Municipal Hwy Agy           | SECTION NO.: 70 030 101                                             |
| STRUCTURE TYPE: 3 Steel - Traffic Signal Mast Arm | MP: 0.892                                                           |
| LOCATION: 0.5 Mile South of SR-406                | ROUTE: 00001                                                        |
| SERV. TYPE ON: Traffic Signal Mast Arm            | FACILITY CARRIED: US-1(Hopkins Av)SB                                |
| SERV. TYPE UNDER: 1 Highway                       | FEATURE INTERSECTED: SR-405 (South St)                              |
| MAST ARM CODE: 2                                  | MAST ARM DESCRIPTION: Mast arm is inside the mast arm boundary area |

- ☐ THIS BRIDGE CONTAINS FRACTURE CRITICAL COMPONENTS
- ☐ THIS BRIDGE IS SCOUR CRITICAL
- ☐ THIS REPORT IDENTIFIES DEFICIENCIES WHICH REQUIRE PROMPT CORRECTIVE ACTION
- ☐ FUNCTIONALLY OBSOLETE ☐ STRUCTURALLY DEFICIENT

TYPE OF INSPECTION: Regular NBI

DATE FIELD INSPECTION WAS PERFORMED: ABOVE WATER: 3/20/2026 UNDERWATER: N/A

**OVERALL NBI RATINGS:**

|                                                                    |                      |
|--------------------------------------------------------------------|----------------------|
| DECK: N N/A (NBI)                                                  | CHANNEL: N N/A (NBI) |
| SUPERSTRUCTURE: 7 Good                                             | CULVERT: N N/A (NBI) |
| SUBSTRUCTURE: 7 Good                                               | SUFF. RATING: -1     |
| PERF. RATING: Performance Rating Not applicable or not calculable. | HEALTH INDEX: 97.78  |

**FIELD PERSONNEL / TITLE / NUMBER:**

**INITIALS**

Howell, Tim - Bridge Inspector (CBI #00338) (lead)

TPH

Vieau, Dick - Assistant Bridge Inspector

**REVIEWING BRIDGE INSPECTION SUPERVISOR:**

Maslyn, Rick - Bridge Inspector (CBI #00271)

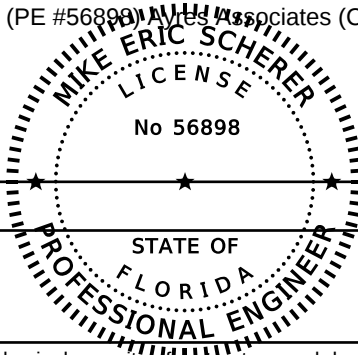
RM

**CONFIRMING REGISTERED PROFESSIONAL ENGINEER:**

Scherer, Michael - Professional Engineer (PE #56898) Ayres Associates (CA #4356)  
 8875 Hidden River Pkwy  
 Suite 200  
 Tampa FL 33637

SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_



THIS ITEM HAS BEEN DIGITALLY  
 SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL.

PRINTED COPIES OF THIS DOCUMENT ARE  
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 AND THE SIGNATURE MUST BE VERIFIED  
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This report contains information relating to the physical security of a structure and depictions of the structure. This information is confidential and exempt from public inspection pursuant to sections 119.071(3)(a) and 119.071(3)(b), Florida Statutes. Only the cover page of this report may be inspected and copied.

**FLORIDA DEPARTMENT OF TRANSPORTATION**  
**BRIDGE MANAGEMENT SYSTEM**  
**Inspection/CIDR Report**  
**(TRAFFIC SIGNAL MAST ARM INSPECTION REPORT)**

**Structure ID: 70M085**  
**DISTRICT: D5 - Deland**

**Inspection**

**INSPECTION DATE: 3/20/2026 BEYA**

**All Elements**

**MISCELLANEOUS : Other Elements**

| Str Unit | Elem/Env | Description         | Qty1 | %1  | Qty2 | %2 | Qty3 | %3 | Qty4 | %4 | T Qty  |
|----------|----------|---------------------|------|-----|------|----|------|----|------|----|--------|
| UNIT 0   | 8480 / 4 | Mast Arm Foundation | 1    | 100 | 0    | .  | 0    | .  | 0    | .  | 1 (EA) |

**Element Inspection Notes:**

8480/4 This element consists of 1 foundation.

**INCIDENTAL:**

F1 - There is a heavy accumulation of debris and moisture below the base plate around the anchor bolts viewed with a borescope thru the terminal compartment. The anchor bolts and leveling nuts could not be directly viewed thru the debris. NEW. Refer to Photo 1. REPAIR.

**FOUNDATION MEASUREMENTS:**

Grout Pad (Non-Structural): F1= Yes

Base Plate Thickness: F1 = 1 1/2 in.

Bolt Diameter: F1 = 2 in.

Nut Height: F1 = 2 in.

Washer Thickness: F1 = 1/4 in. (above baseplate, not visible below)

Average Distance Bottom of Base Plate to Foundation: F1 = 2 3/4 in.

Average Estimated Stand-Off Distance: F1 = 3/4 in.

**MISCELLANEOUS : Other Elements**

| Str Unit | Elem/Env | Description             | Qty1 | %1  | Qty2 | %2 | Qty3 | %3  | Qty4 | %4 | T Qty     |
|----------|----------|-------------------------|------|-----|------|----|------|-----|------|----|-----------|
| UNIT 0   | 8481 / 4 | Metal Mast Arm Vertical | 0    | .   | 0    | .  | 1    | 100 | 0    | .  | 1 (EA)    |
| UNIT 0   | 1900 / 4 | Distortion              | 0    | .   | 0    | .  | 1    | 100 | 0    | .  | 1 (EA)    |
| UNIT 0   | 7000 / 4 | Damage                  | 0    | .   | 0    | .  | 1    | 100 | 0    | .  | 1 (EA)    |
| UNIT 0   | 8518 / 4 | Galvanized Steel        | 124  | 100 | 0    | .  | 0    | .   | 0    | .  | 124 sq.ft |

**Element Inspection Notes:**

8481/4 This element consists of 1 vertical.

NOTE: The vertical has a properly connected ground wire.

**CS3 (1900/7000):**

V1 - The compartment access flange has impact damage on the west side 12 in. H x 3 in. W with 1 in. of distortion. NO CHANGE. Refer to Photos 2 & 3. (1 EA) REPAIR

**PREVIOUS CORRECTIVE ACTION EVALUATION:**

V1 - Repair the column compartment access flange. The compartment access flange has not been repaired since the 01/2026 Accident Inspection.

V1 - Replace the missing compartment cover neoprene gasket & missing attachment bolts. The missing cover gasket and attachment bolts have been replaced since the 01/2026 Accident Inspection.

The following thickness measurements were taken below access hatch and below the moment connection:

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**Inspection**

**INSPECTION DATE: 3/20/2026 BEYA**

V1 = 0.325 in.

Length of mast arm vertical member in linear feet.

V1 - 21.0 ft.

1900/4 Refer to Parent Element

7000/4 Refer to Parent Element

8518/4 Refer to Parent Element

**MISCELLANEOUS : Other Elements**

| Str Unit | Elem/Env | Description               | Qty1 | %1  | Qty2 | %2  | Qty3 | %3 | Qty4 | %4 | T Qty     |
|----------|----------|---------------------------|------|-----|------|-----|------|----|------|----|-----------|
| UNIT 0   | 8484 / 4 | Metal Mast Arm Horizontal | 0    | .   | 2    | 100 | 0    | .  | 0    | .  | 2 (EA)    |
| UNIT 0   | 1020 / 4 | Connection                | 0    | .   | 2    | 100 | 0    | .  | 0    | .  | 2 (EA)    |
| UNIT 0   | 8518 / 4 | Galvanized Steel          | 286  | 100 | 0    | .   | 0    | .  | 0    | .  | 286 sq.ft |

**Element Inspection Notes:**

8484/4 This element consists of 2 horizontals.

CS2 (1020):

V1/H1 - Moment Connection Bolts #5 & #6 are loose. NO CHANGE. Refer to Photos 4 & 5. (1 EA) REPAIR.

V1/H1 - The moment connection has a gap up to 1/16 in. wide between the plates at Bolts #5 and #6 (previously Bolt #6 only). INCREASE. Refer to Photo 5. REPAIR.

V1/H2 - The moment connection has a gap up to 1/16 in. wide between the plates at Bolts #1 and #2 (previously noted at Bolt #1 only), but all bolts are tight. INCREASE. Refer to Photo 6. (1 EA)

INCIDENTAL:

V1/H1 - The horizontal arm interior has a heavy accumulation of bird nesting material viewed with a borescope thru the arm drain hole. D-meter readings at 3 in., 12 in. & 24 in. from the moment connection taken at the 5, 6 and 7 o'clock positions did not indicate any reduction in section at this time. NEW. Refer to Photo 7. REPAIR.

PREVIOUS CORRECTIVE ACTION EVALUATION:

V1H1 - properly tighten the loose moment connection bolts 5 & 6 per FDOT Spec 649-7. No repairs have been made since the 01/2026 Accident Inspection.

V1H2 - close the gap between moment connection plates at Bolt 1 per FDOT Spec 649-7. No repairs have been made since the 01/2026 Accident Inspection.

The following thickness measurements were taken on each horizontal member at the moment connection:

V1/H1 = 0.185 in.

V1/H2 = 0.325 in.

Length of mast arm horizontal members in linear feet:

V1/H1 - 38.0 ft.

V1/H2 - 55.0 ft.

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Minimum Vertical Clearance:

V1/H1 - 17.4 ft. (to west signal)

V1/H2 - 16.7 ft. (to street sign)

1020/4      Refer to Parent Element

8518/4      Refer to Parent Element

**Total Number of ADE Elements\*: 3**

\*excluding defects/protective systems

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**Inspector Recommendations**

**UNIT: UNIT 0      MISCELLANEOUS**

**ELEMENT/ENV: 8480 / 4 Mast Arm Foundation**

**ELEM CATEGORY: Other Elements**

| CONDITION<br>STATE                                                                                   |                    |                                    | PRIORITY |
|------------------------------------------------------------------------------------------------------|--------------------|------------------------------------|----------|
| 1                                                                                                    | MMS Quantity: 1 mh | Element Estimated Quantity: 1 (EA) | 3        |
| WORK ORDER RECOMMENDATION:                                                                           |                    |                                    |          |
| F1 - Remove grout ring paint anchor bolts & leveling nuts & install wire screen per FDOT Spec.649-8. |                    |                                    |          |

**ELEMENT/ENV: 8481 / 4 Metal Mast Arm Vertical**

**ELEM CATEGORY: Other Elements**

| CONDITION<br>STATE                                |                    |                                    | PRIORITY |
|---------------------------------------------------|--------------------|------------------------------------|----------|
| 3                                                 | MMS Quantity: 1 mh | Element Estimated Quantity: 1 (EA) | 3        |
| WORK ORDER RECOMMENDATION:                        |                    |                                    |          |
| V1 - Repair the column compartment access flange. |                    |                                    |          |

**ELEMENT/ENV: 8484 / 4 Metal Mast Arm Horizontal**

**ELEM CATEGORY: Other Elements**

| CONDITION<br>STATE                                                                              |                    |                                    | PRIORITY |
|-------------------------------------------------------------------------------------------------|--------------------|------------------------------------|----------|
| 2                                                                                               | MMS Quantity: 1 mh | Element Estimated Quantity: 1 (EA) | 3        |
| WORK ORDER RECOMMENDATION:                                                                      |                    |                                    |          |
| V1H1 & V1H2 - Install screening to prevent bird nesting in the arms & moment connection plates. |                    |                                    |          |
| 2                                                                                               | MMS Quantity: 2 mh | Element Estimated Quantity: 2 (EA) | 3        |
| WORK ORDER RECOMMENDATION:                                                                      |                    |                                    |          |
| V1H1 - Replace moment connection bolts #5 & 6 with new A325 bolts 7 in. L x 1.0 in. Dia.        |                    |                                    |          |

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**Inspection**

**INSPECTION DATE: 3/20/2026 BEYA**

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**Structure Notes**

Maintaining Agency:

City of Titusville

Kevin Cook, P.E.  
Public Works Director  
2910 Garden Street  
Titusville, FL 32780  
321-567-3846  
kevin.cook@titusville.com

Joseph M. Arena  
Traffic/Electrical Maintenance Supervisor  
101 N. Singleton Av.  
Titusville FL, 32796  
Ph. 321-567-3820  
joey.arena@titusville.com

This structure does not have plans available.

The structure date of 2009 is based on a review of historical imagery from Google Earth.

**INSPECTION NOTES:**            **BEYA**            **3/20/2026**

A 40 ft. insulated bucket truck was utilized for inspection.

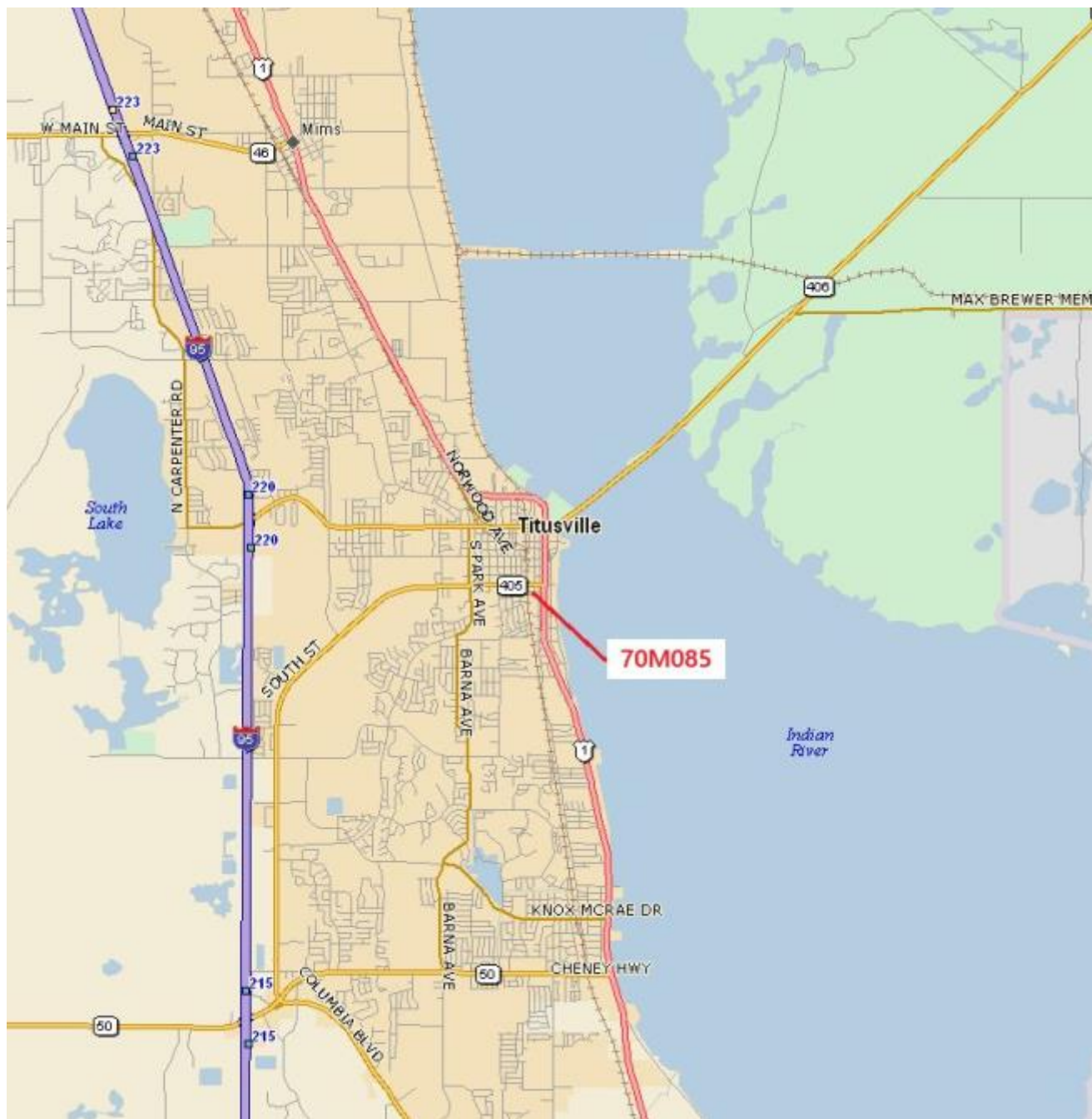
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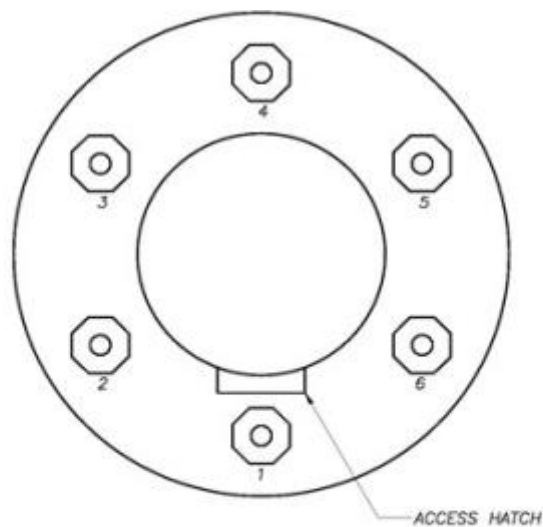
**US-1 (Hopkins Ave.) SB at SR-405 (South St.) - 0.5 Miles South of SR-406 (Garden St.)**

**FLORIDA DEPARTMENT OF TRANSPORTATION**  
**BRIDGE MANAGEMENT SYSTEM**  
**Inspection/CIDR Report**  
 (TRAFFIC SIGNAL MAST ARM INSPECTION REPORT)

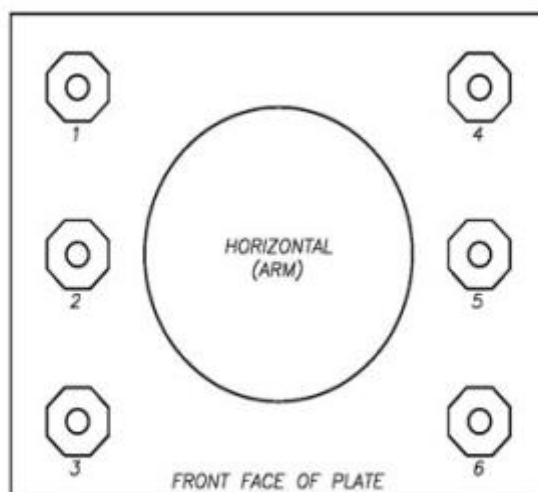
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TSMA ANCHOR BOLT NUMBERING SCHEME



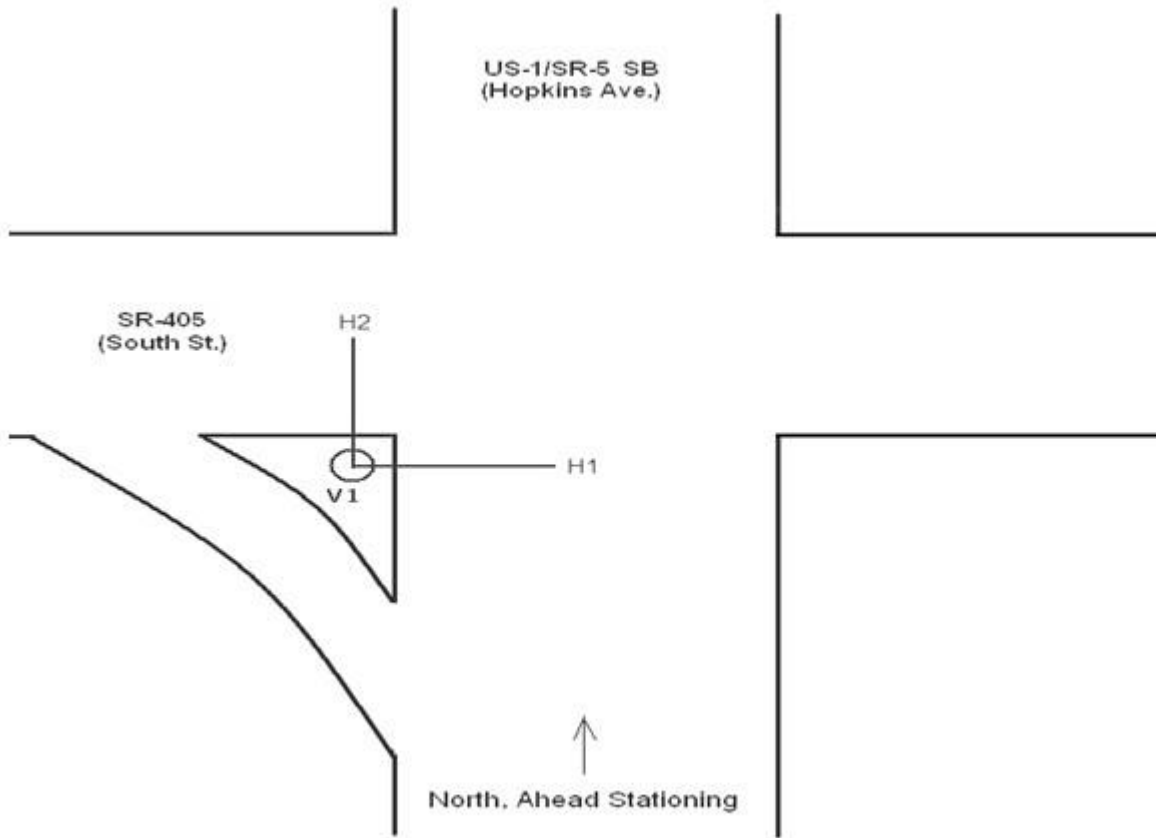
TSMA MOMENT CONNECTION BOLT NUMBERING SCHEME

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Intersection Layout

Intersection Layout

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Intersection Overview (Looking South)

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**Photo 1: Element 8480 / Mast Arm Foundation**

F1 - Debris and moisture below base plate.

**REPAIR RECOMMENDATION:**

F1 - Remove grout ring paint anchor bolts & leveling nuts & install wire screen per FDOT Spec.649-8.

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INSPECTION DATE: 3/20/2026 BEYA



**Photo 2: Element 8481 / Mast Arm Vertical**

V1 - Overview compartment access flange with impact damage.

**REPAIR RECOMMENDATION:**

V1 - Repair the column compartment access flange.

**FLORIDA DEPARTMENT OF TRANSPORTATION  
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Inspection/CIDR Report  
(TRAFFIC SIGNAL MAST ARM INSPECTION REPORT)**

Structure ID: 70M085  
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Inspection

INSPECTION DATE: 3/20/2026 BEYA



**Photo 3: Element 8481 / Mast Arm Vertical**

V1 - Close-up of compartment access flange with impact damage.

**REPAIR RECOMMENDATION:**

V1 - Repair the column compartment access flange.

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(TRAFFIC SIGNAL MAST ARM INSPECTION REPORT)

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Inspection

INSPECTION DATE: 3/20/2026 BEYA



**Photo 4: Element 8484 / Mast Arm Horizontal**

V1/H1 - Overview of loose moment connection bolts #5 & 6 and gap between plates.

**REPAIR RECOMMENDATION:**

V1/H1 - Replace moment connection bolts #5 & 6 with new A325 bolts 7 in. L x 1.0 in. Dia.

FLORIDA DEPARTMENT OF TRANSPORTATION  
BRIDGE MANAGEMENT SYSTEM  
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Structure ID: 70M085  
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Inspection

INSPECTION DATE: 3/20/2026 BEYA



**Photo 5: Element 8484 / Mast Arm Horizontal**

V1/H1 - Close-up of loose moment connection bolt and gap between plates.

**REPAIR RECOMMENDATION:**

V1H1 - Replace moment connection bolts #5 & 6 with new A325 bolts 7 in. L x 1.0 in. Dia.

FLORIDA DEPARTMENT OF TRANSPORTATION  
BRIDGE MANAGEMENT SYSTEM  
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Inspection

INSPECTION DATE: 3/20/2026 BEYA



**Photo 6: Element 8484 / Mast Arm Horizontal**

V1/H2 - Overview of moment connection gap between plates at Bolts #1 and #2.

REPAIR RECOMMENDATION:  
None.

**FLORIDA DEPARTMENT OF TRANSPORTATION  
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DISTRICT: D5 - Deland**

**Inspection**

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**Photo 7: Element 8484 / Mast Arm Horizontal**

V1/H1 - Bird nesting material inside horizontal arm interior.

**REPAIR RECOMMENDATION:**

V1H1 & V1H2 - Install screening to prevent bird nesting in the arms & moment connection plates.

# FLORIDA DEPARTMENT OF TRANSPORTATION BRIDGE MANAGEMENT SYSTEM

REPORT ID: INSP005

Structure ID: 70M085

## Inspection/CIDR Report TRAFFIC SIGNAL MAST ARM

DATE PRINTED: 4/27/2026

### Description

#### Structure Unit Identification

Bridge/Unit Key: 70M085 1  
Structure Name: US-1 SB at SR-405  
Description: TSMA  
Type: M - Main

#### Structure Identification

Admin Area: Space Coast  
District (2): D5 - Deland  
County (3): (70) Brevard  
Location (9): 0.5 Mile South of SR-406  
FIPS State/Region (1): 12 Florida Region 4-Atlanta  
NBIS Bridge Len (112): N - Does not meet NBI Length  
Maint. Resp. (21): 4 City/Municipal Hwy Agcy  
Owner (22): 1 State Highway Agency  
Previous Structure:  
2nd Previous Structure:  
Replacement Structure:

#### Age and Service

Year Built (27): 2009  
Year Reconstructed (106): 0  
Type of Service On (42a): Traffic Signal Mast Arm  
Under (42b): 1 Highway

#### Structure Type and Material

Main Span Material (43A): 3 Steel  
Main Span Design (43B): Traffic Signal Mast Arm

#### NBI Rating

Superstructure (59): 7 Good  
Substructure (60): 7 Good

#### General Structure Information

Electrical Devices: Traffic control sys only  
Maintenance Yard: 590-Cocoa (590)

Mast Arm Managing Agency ID:  
Mast Arm Code: 2  
Mast Arm Description: Mast arm is inside the mast arm boundary area

### Appraisal

#### Minimum Vertical Clearance

Over Structure (53): 99.99 ft  
Under (reference) (54a): H Hwy beneath struct  
Under (54b): 0 ft

#### Minimum Lateral Underclearance

Reference (55a): H Hwy beneath struct  
Right Side (55b): 0 ft  
Left Side (56): 0 ft

### Schedule

#### Current Inspection

Inspection Date: 03/20/2026  
Inspector: KNAAATH - Tim Howell  
Bridge Group: CAT71  
Alt. Bridge Group:  
Primary Type: Regular NBI  
Review Required: ☒

#### Next Inspection Date Scheduled

NBI: 03/20/2031  
Element: 03/20/2031  
Other/Special:  
Inventory Photo Update Due: 03/31/2031

#### Inspection Types Performed

NBI ☒ Element ☒ Other Special ☐

#### Inspection Intervals Required (92) Frequency (92) Last Date (93) Inspection Resources

|               |                          |             |                 |                  |
|---------------|--------------------------|-------------|-----------------|------------------|
| Other Special | <input type="checkbox"/> | mos         | 01/21/2026      | Crew Hours: 1    |
| NBI           |                          | 60 mos (91) | 03/20/2026 (90) | Flagger Hours: 0 |
|               |                          |             |                 | Helper Hours: 0  |
|               |                          |             |                 | Snooper Hours: 0 |

# FLORIDA DEPARTMENT OF TRANSPORTATION BRIDGE MANAGEMENT SYSTEM

REPORT ID: INSP005

Structure ID: 70M085

## Inspection/CIDR Report TRAFFIC SIGNAL MAST ARM

DATE PRINTED: 4/27/2026

**Elements**

Inspection Date: 03/20/2026      BEYA

**MISCELLANEOUS : Other Elements**

| Str Unit | Elem/Env | Description         | Qty1 | %1  | Qty2 | %2 | Qty3 | %3 | Qty4 | %4 | T Qty  |
|----------|----------|---------------------|------|-----|------|----|------|----|------|----|--------|
| UNIT 0   | 8480 / 4 | Mast Arm Foundation | 1    | 100 | 0    | .  | 0    | .  | 0    | .  | 1 (EA) |

**MISCELLANEOUS : Other Elements**

| Str Unit | Elem/Env | Description             | Qty1 | %1  | Qty2 | %2 | Qty3 | %3  | Qty4 | %4 | T Qty     |
|----------|----------|-------------------------|------|-----|------|----|------|-----|------|----|-----------|
| UNIT 0   | 8481 / 4 | Metal Mast Arm Vertical | 0    | .   | 0    | .  | 1    | 100 | 0    | .  | 1 (EA)    |
| UNIT 0   | 1900 / 4 | Distortion              | 0    | .   | 0    | .  | 1    | 100 | 0    | .  | 1 (EA)    |
| UNIT 0   | 7000 / 4 | Damage                  | 0    | .   | 0    | .  | 1    | 100 | 0    | .  | 1 (EA)    |
| UNIT 0   | 8518 / 4 | Galvanized Steel        | 124  | 100 | 0    | .  | 0    | .   | 0    | .  | 124 sq.ft |

**MISCELLANEOUS : Other Elements**

| Str Unit | Elem/Env | Description               | Qty1 | %1  | Qty2 | %2  | Qty3 | %3 | Qty4 | %4 | T Qty     |
|----------|----------|---------------------------|------|-----|------|-----|------|----|------|----|-----------|
| UNIT 0   | 8484 / 4 | Metal Mast Arm Horizontal | 0    | .   | 2    | 100 | 0    | .  | 0    | .  | 2 (EA)    |
| UNIT 0   | 1020 / 4 | Connection                | 0    | .   | 2    | 100 | 0    | .  | 0    | .  | 2 (EA)    |
| UNIT 0   | 8518 / 4 | Galvanized Steel          | 286  | 100 | 0    | .   | 0    | .  | 0    | .  | 286 sq.ft |

**Total Number of ADE Elements\*: 3**

\*excluding defects/protective systems

**Inspection Information****Inspection Date:** 03/20/2026**Type:** Regular NBI**Inspector:** KNAAATH - Tim Howell**Inspection Notes:** A 40 ft. insulated bucket truck was utilized for inspection.**Structure Notes**

Maintaining Agency:

City of Titusville

Kevin Cook, P.E.  
Public Works Director  
2910 Garden Street  
Titusville, FL 32780  
321-567-3846  
kevin.cook@titusville.com

Joseph M. Arena  
Traffic/Electrical Maintenance Supervisor  
101 N. Singleton Av.  
Titusville FL, 32796  
Ph. 321-567-3820  
joey.arena@titusville.com

This structure does not have plans available.

The structure date of 2009 is based on a review of historical imagery from Google Earth.

**Schedule Notes**

# FLORIDA DEPARTMENT OF TRANSPORTATION BRIDGE MANAGEMENT SYSTEM

REPORT ID: INSP005

Structure ID: 70M085

## Inspection/CIDR Report TRAFFIC SIGNAL MAST ARM

DATE PRINTED: 4/27/2026

### Under Route Information

#### Roadway Identification

NBI Structure No (8): 70M085  
 Position/Prefix (5): A - 1st Route Under  
 Kind Hwy (Rte Prefix): 2 U.S. Numbered Hwy  
 Design Level of Service: 1 Mainline  
 Route Number/Suffix: 00001 / 0 N/A (NBI)  
 District (2): D5 - Deland  
 County (3): (70) Brevard  
 Place Code (4): Titusville  
 Feature Intersect (6): SR-405 (South St)  
 Roadway Name: US-1/SR-5 (Hopkins Ave)  
 Mile Point (11): 0.892  
 Latitude (16): 028d36'28.5"      Long (17): 080d48'30.5"

#### Roadway Traffic and Accidents

Lanes (28): 2      Medians: 0      Speed: 40 mph

#### Roadway Classification

Nat. Hwy Sys (104): 1 On the NHS  
 National base Net (12): 1 - On Base Network  
 LRS Inventory Rte (13a): 70 030 101      Sub Rte (13b): 00  
 Functional Class (26): 14 Urban Other Princ  
 Federal Aid System: ON  
 Defense Hwy (100): 0 Not a STRAHNET hwy  
 Direction of Traffic (102): 1 1-way traffic  
 Emergency: ☒

#### Roadway Clearances

Vertical (10): 0 ft  
 Horiz. (47): 0 ft      Roadway (51): 0 ft  
 Truck Network (110): 0 Not part of natl netwo  
 Toll Facility (20): 3 On free road  
 Fed. Lands Hwy (105): 0 N/A (NBI)

# FLORIDA DEPARTMENT OF TRANSPORTATION BRIDGE MANAGEMENT SYSTEM

REPORT ID: INSP005

Structure ID: 70M085

## Inspection/CIDR Report TRAFFIC SIGNAL MAST ARM

DATE PRINTED: 4/27/2026

### Under Route Information

#### Roadway Identification

NBI Structure No (8): 70M085  
 Position/Prefix (5): B - 2nd Route Under  
 Kind Hwy (Rte Prefix): 3 State Hwy  
 Design Level of Service: 1 Mainline  
 Route Number/Suffix: 00405 / 0 N/A (NBI)  
 District (2): D5 - Deland  
 County (3): (70) Brevard  
 Place Code (4): Titusville  
 Feature Intersect (6): SR-405 (South St)  
 Roadway Name: SR-405 (South St.)  
 Mile Point (11): 5.384  
 Latitude (16): 028d36'28.5"      Long (17): 080d48'30.5"

#### Roadway Traffic and Accidents

Lanes (28): 2      Medians: 0      Speed: 30 mph

#### Roadway Classification

Nat. Hwy Sys (104): 0 Not on NHS  
 National base Net (12): 0 - Not on Base Network  
 LRS Inventory Rte (13a): 70 160 000      Sub Rte (13b): 00  
 Functional Class (26): 16 Urban Minor Arterial  
 Federal Aid System: ON  
 Defense Hwy (100): 0 Not a STRAHNET hwy  
 Direction of Traffic (102): 2 2-way traffic  
 Emergency: ☒

#### Roadway Clearances

Vertical (10): 0 ft  
 Horiz. (47): 0 ft      Roadway (51): 0 ft  
 Truck Network (110): 0 Not part of natl netwo  
 Toll Facility (20): 3 On free road  
 Fed. Lands Hwy (105): 0 N/A (NBI)