



QA Program

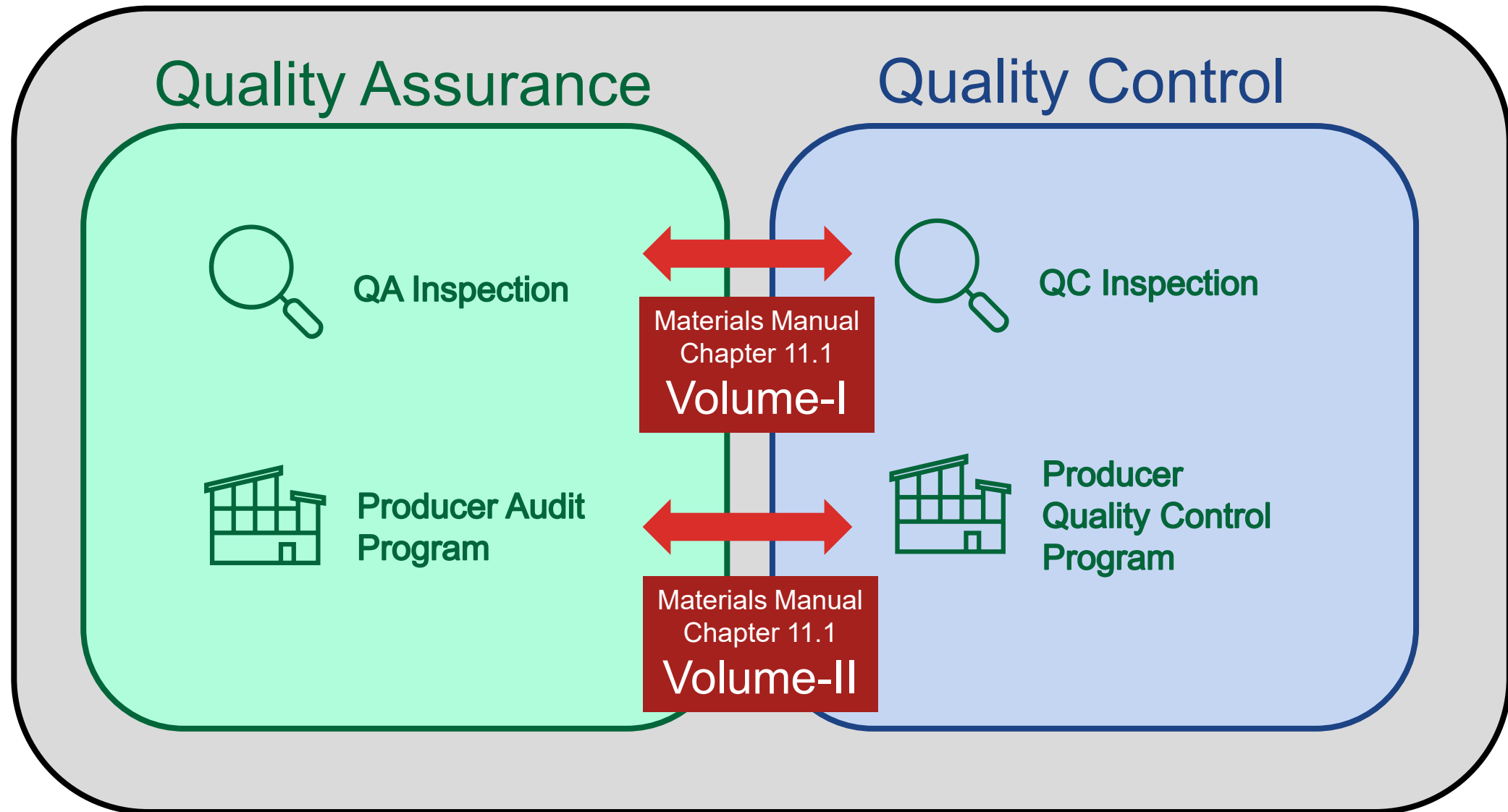
Adrian R Steele

Structural Metal QA Program Manager

Structural Metals and Coating
Quality Assurance Program

State Materials Office

Structural Metals and Coatings Quality Program





Producer Audits

- **Material Manual Chapter 11 – Volume II**
 - **Table 1**
 - **Facilities audited once every two years**

Table 1 - Materials Included in Chapter 11.1
Steel Bridge Pedestrian Truss Category 1
Steel Bridge Advanced
Bridge Machinery
Bridge Forgings
Bridge Castings
Bridge Bearings (Rocker, Roller, Pot, Disc, Spherical, Sliding, Guide)
Modular Joints (Expansion and Finger)
Overhead Gantries
Overhead Spans / Trusses
Overhead Cantilevers
Overhead Monotubes
Guardrail (Thrie-Beam, W-Beam)
Shop Painting
Shop Metalizing



Producer Audits

- Material Manual Chapter 11 – Volume II
 - Fabricators are no longer audited for these items
 - DCE Memorandum 24-04
- Stairs
- Stay-In-Place Forms (with Polymer coating)
- Stay-In-Place Forms (without Polymer coating)
- Laminated Bearing Pads
- Ancillary Bearing Pads
- Steel Mast Arm
- Steel Strain Pole
- Steel CCTV Pole
- Aluminum J-Arms
- Aluminum Light Poles
- Steel Mast Lighting (High Mast Lighting, Conventional Lighting)
- Steel Railing
- Aluminum Railing
- Drainage (Welded gratings, inlets, frames)
- Drainage (Cast manhole, grating, inlets, frames)
- Coated Steel Fence (Aluminized, PVC, Powder)
- Galvanizing
- Powder Coating



Producer Audits

- Material Manual Chapter 11 – Volume II
 - List of fabrication facilities can be found in MAC
 - Search Production Facilities selecting
 - Material Type
 - QC Plan Status = Accepted



Materials Acceptance and Certification System

Dashboard Reports STRG/UGS Inspections Facilities: Production Facilities MAC Spec Evaluations Material C

Create Production Facility Profile My Production Facilities Search

Filter Options

Company Managing District Material Type

Contact

Brand Name Product

Physical Location Updated Since

Currently selected criteria will yield 1816 results

Aggregate
Aluminum J-Arms
Aluminum Light Poles
Aluminum Railing
Asphalt
Asphalt Binder
Asphalt Emulsions
Bridge Bearings
Bridge Castings
Bridge Forgings
Bridge Machinery
CCTV Pole
Cement
Coated Steel Fence
Drainage Castings
Drainage Welded
Elastomeric Bearing Pads
Fiber Reinforced Polymers
Fly Ash

Facility Type Production Facility Status QC Plan Status

Search Clear Search

Use the filter options to display a list of Production Facilities

Production Facility PC-FL-007 - Excell Coatings, Inc.

Locations

QC Plans [1]

Products [0]

Mix Designs [0]

Documents [0]



Producer Audits

- Material Manual Chapter 11 – Volume II
 - Table 2
 - Facility Qualification Requirements

Table 2 - Required Production Facility Accreditation	
Structural Category	Accepted Accreditation Program
Steel Bridge Pedestrian Truss Category 1	AISC Simple Bridge
Steel Bridge Advanced	AISC Advanced Bridge with Fracture Control Endorsement
Bridge Machinery, Bridge Bearings, Modular Joints, Overhead Gantry, Overhead Spans/Trusses, Overhead Cantilevers, Overhead Monotubes	AISC Component Manufacturer or AWS Welding Fabricator
Bridge Forgings, Bridge Castings, Guardrail	ISO 9001 (2015)
Shop Painting	AISC Sophisticated Paint Endorsement or AMPP QP3
Shop Metalizing	AMPP QP6



Producer Audits

- **Material Manual Chapter 11 – Volume II**
 - **Table 3**
 - **Minimum Direct Experience Requirements for QC Management**

Table 3 - Minimum Direct Experience Required for QC Management	
Material Types	QC Management
Steel Bridge Pedestrian Category 1, Steel Bridge Advanced	5 yrs. experience, and an active AWS CWI, and Pre-installation Verification Certificate
Bridge Bearings, Bridge Machinery, Modular Joints	5 yrs. experience, and an active AWS CWI
Bridge Forgings, Bridge Castings	5 yrs. experience
Overhead Gantries, Overhead Spans/Trusses, Overhead Cantilevers, Overhead Monotubes	3 yrs. experience, and an active AWS CWI, and Pre-Installation Verification Certificate
Guardrail	3 yrs. experience, and an active AWS CWI, or active AWS CAWI, or AWS D1.1 Endorsement, or AWS D1.6 Endorsement, or Annual Audit by FDOT approved QA Firm
Shop Painting	3 yrs. experience, and an active AMPP Certified Coating Inspector
Shop Metalizing	3 yrs. Experience, and an active AMPP Certified Coating Inspector



QA Inspections

- Material Manual Chapter 11 – Volume I
 - Commercial Inspection Program
 - 3 Parallel Contracts
 - CAH03 – Pennoni Engineering
 - CAG71 – KTA – Tator Inc.
 - CAG77 – WSP USA Inc.
- ~50 inspectors
- 221 Task Work Orders Issued
- Daily Reporting
- 70 Fabricators
- Managed by SMO
- Funded by Districts

The screenshot displays the FDOT Commercial Inspection System web application. The interface includes a top navigation bar with the FDOT logo, the title 'STATE MATERIALS OFFICE COMMERCIAL INSPECTION SYSTEM', and buttons for 'Sign In/Out', 'Cont. Dev', and 'Exit'. The main content area is organized into several sections: 'REPORTS' with buttons for 'Edit and Approve Inspection Reports', 'Print and Publish Approved Reports', and 'Training Videos'; 'CONTRACTS' with 'Construction Contracts' and 'Inspection Contracts'; 'TEAMS AND PEOPLE' with 'Manufacturer Locations', 'Companies', and 'People'; 'REFERENCES' with 'Keywords', 'Structure Types', and 'Inspection Items'; and 'INSIGHTS' with 'Search Image Database' and 'Analyses and Insights'. A 'Bullet Board' on the right side contains several announcements, including 'Materials Manual Section 11.1.16.1', 'Facility Qualification Update', 'Arcosa Sumterville Distortion Control Plan', 'Image Attachment Issue Resolved', and another 'Image Attachment Issue'. At the bottom, there is a 'DEFAULTS' section with dropdown menus for 'I am:' (set to 'Halim Kerim Bas - WSP USA Inc.') and 'I am located at:' (set to 'Field Work - General - (Job Site) (* Field Work - General Location)'). The footer contains application version information (1.17, 2022), minimum screen resolution (1400x1050), authorization details (ID: 1, Username: halim, Access Level: [A]), and status indicators for 'Num Lock' and 'Online with SharePoint'.

FDOT Commercial Inspection System

FDOT STATE MATERIALS OFFICE COMMERCIAL INSPECTION SYSTEM

Sign In/Out Cont. Dev Exit

REPORTS

- Edit and Approve Inspection Reports
- Print and Publish Approved Reports
- Training Videos

CONTRACTS

- Construction Contracts
- Inspection Contracts

TEAMS AND PEOPLE

- Manufacturer Locations
- Companies
- People

REFERENCES

- Keywords
- Structure Types
- Inspection Items

INSIGHTS

- Search Image Database
- Analyses and Insights

Bullet Board

- Materials Manual Section 11.1.16.1**
Fabricators may buy bolts from the manufacturers with the Rotational Capacity (RoCap) Testing already performed and use these test results in lieu of in-house testing. PIV testing requirements remain unchanged.
6/24/2024 4:31:04 PM
- Facility Qualification Update**
G2 Highway Signs and Structures (Miami Gardens, FL) is now qualified to fabricate Overhead Gantry structures for FDOT.
6/11/2024 7:35:21 AM
- Arcosa Sumterville Distortion Control Plan**
Arcosa Sumterville has provided an updated Distortion Control Plan (QCT-001) to be used with any current WPS with single pass fillet weld restrictions.
6/7/2024 10:09:41 AM
- Image Attachment Issue Resolved**
The issue regarding image attachments are resolved.
4/17/2024 2:24:13 PM
- Image Attachment Issue**

DEFAULTS

Select your name and your current reporting location here. This information will be used to populate your new reports. The system will remember your selection until the release of the next version. If no selection is made here the system will still try to predict the manufacturer and the inspector name from prior report of the Task Work Order.

I am: Halim Kerim Bas - WSP USA Inc.

I am located at: Field Work - General - (Job Site) (* Field Work - General Location)

Application Version: 1.17 (2022)
Minimum Screen Resolution: 1400x1050

Authorization ID: 1
Username: halim
Access Level: [A]

Click to view or edit the inspection contracts.

Num Lock Online with SharePoint



QA Inspection

- Material Manual Chapter 11 – Volume II
 - Table 4
 - Commercially Inspected Items
 - Required by Specification
 - At the Request of the Engineer
 - All overhead metal structures within the Department right of way (except elements listed under specification section 646, 649, 650, 653, 654, 659, 700, 715)

Table 4 – Components Requiring Commercial Inspection
Required by Specification
Steel Bridge Pedestrian Tuss Category 1
Steel Bridge Advanced
Bridge Machinery
Bridge Bearings (Rocker, Roller, Pot, Disc, Spherical, Sliding, Guide)
Modular Joints (Expansion and Finger)
Overhead Gantries
Overhead Spans / Trusses
Overhead Cantilevers
Overhead Monotubes
Shop Painting
Shop Metalizing
At the Request of the Engineer
Steel Cable (Suspension, Bridge Stay, Guardrail)
Field Bolting
Field Welding
Field Coating
Buildings
Other Non-Standard Fabrication



QA Inspection

- Material Manual Chapter 11 – Volume II
 - Section 11.1.13 Commercial Inspection
 - Request by contractor
 - Use request Form 675-070-07
- The 30 days are needed to:
 - Prepare an estimate and scope for CI
 - Encumber funds through the District
 - Federal, Local Agency, and Private Permit projects introduce additional layers to the process
 - Obtain a signed TWO contract amendment from the CI company.

This section of the **Materials Manual** discusses the scope, application, and scheduling of Commercial Inspection. The Contractor is responsible for sending the Production Facility's schedule to the Engineer at least 30 days prior to the beginning of fabrication. The components identified in **Table 4** require commercial inspection.



QA Inspection

- Material Manual Chapter 11 – Volume II
 - Section 11.1.13 Commercial Inspection
 - Request by contractor, or Engineer for optional structures or components
 - Use request Form 675-070-07

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**REQUEST FOR COMMERCIAL INSPECTION AND TESTING
OF STRUCTURAL METALS AND COATINGS**

Request for Commercial Inspection
Form # 675-070-07
March 2019

CONTRACT INFORMATION	
Financial Project Number:	Construction Contract Number:
Contract Description:	

CONSTRUCTION PROJECT MANAGER (FDOT PERSONNEL)	
Contact Name:	E-Mail Address:
Phone Number:	Cell Number:

CEI CONSULTANT (FDOT PERSONNEL)	
Company Name:	E-Mail Address:
Contact Name:	Cell Number:
Phone Number:	
LIST ALL PERSONS TO RECEIVE COMMERCIAL INSPECTION REPORTS	
Name:	E-Mail:
Name:	E-Mail:
Name:	E-Mail:
Name:	E-Mail:
What is the start date of the fabrication requiring commercial inspection?	

GENERAL CONTRACTOR	
Company Name:	E-Mail Address:
Contact Name:	Cell Number:
Phone Number:	

BRIDGE PRODUCTION FACILITIES	
List the types of bridge structures being fabricated on the project	
Pedestrian Bridge <input type="checkbox"/>	Steel Bridge (All Other) <input type="checkbox"/> Bridge Machinery <input type="checkbox"/> Bridge Bearings <input type="checkbox"/> Modular Joints <input type="checkbox"/>
Other Components <input type="checkbox"/>	
List the Names of Bridge Production Facilities and FDOT ID #s	
FDOT Production Facility Name:	FDOT Production Facility ID #:
FDOT Production Facility Name:	FDOT Production Facility ID #:
FDOT Production Facility Name:	FDOT Production Facility ID #:
Comments:	

OVERHEAD SIGN STRUCTURE PRODUCTION FACILITIES	
List the types and quantities of sign structures being fabricated on the project	
Overhead Gantry <input type="checkbox"/> Qty.:	Overhead Cantilever <input type="checkbox"/> Qty.: Overhead Span/Truss <input type="checkbox"/> Qty.: Monotube <input type="checkbox"/> Qty.:
List the Names of Sign Structure Production Facilities and FDOT ID #s	
FDOT Production Facility Name:	FDOT Production Facility ID #:
FDOT Production Facility Name:	FDOT Production Facility ID #:
FDOT Production Facility Name:	FDOT Production Facility ID #:

AT THE REQUEST OF THE ENGINEER	
List the types of additional inspection requested for this project	
Field Bolting <input type="checkbox"/>	Field Welding <input type="checkbox"/> Buildings <input type="checkbox"/> Steel Cable <input type="checkbox"/> Other Non-Standard Fabrication <input type="checkbox"/>
Comments:	

Preparer (CEI or District Personnel)	Date
--------------------------------------	------

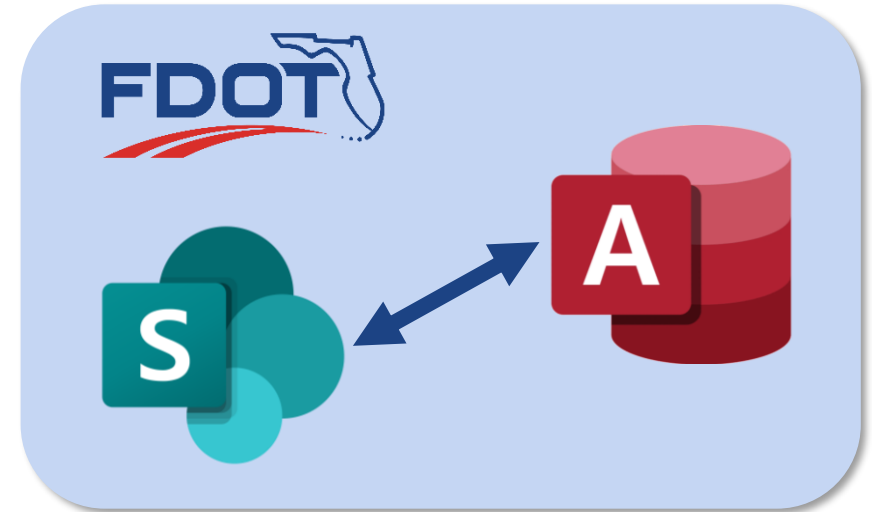
E-Mail the completed digital form to SM-StructuresCI@dot.state.fl.us, FDOT State Materials Office
a minimum of 30 days prior to the start of fabrication.

TO BE COMPLETED BY FDOT STATE MATERIALS OFFICE ONLY		
Commercial Inspection Firm Assigned to this Project	TWO #	Date

FDOT Commercial Inspection System

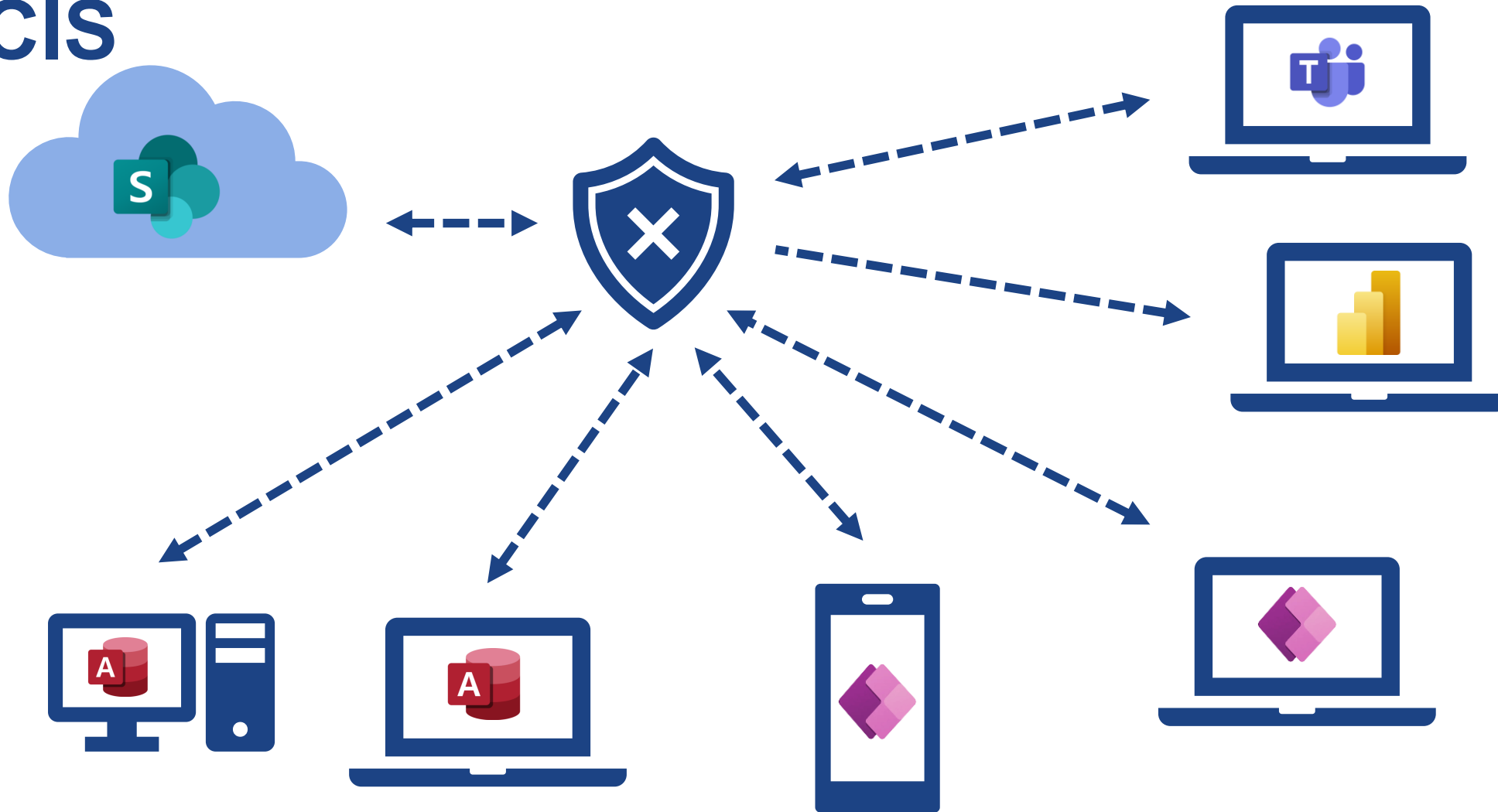
What is CIS?

- Integrated commercial inspection database
- The system is owned by the Department
- Application is used by all QA Inspection firms
- Data is stored in Department's server
- Microsoft SharePoint based
- Future ready



FDOT Commercial Inspection System

CIS

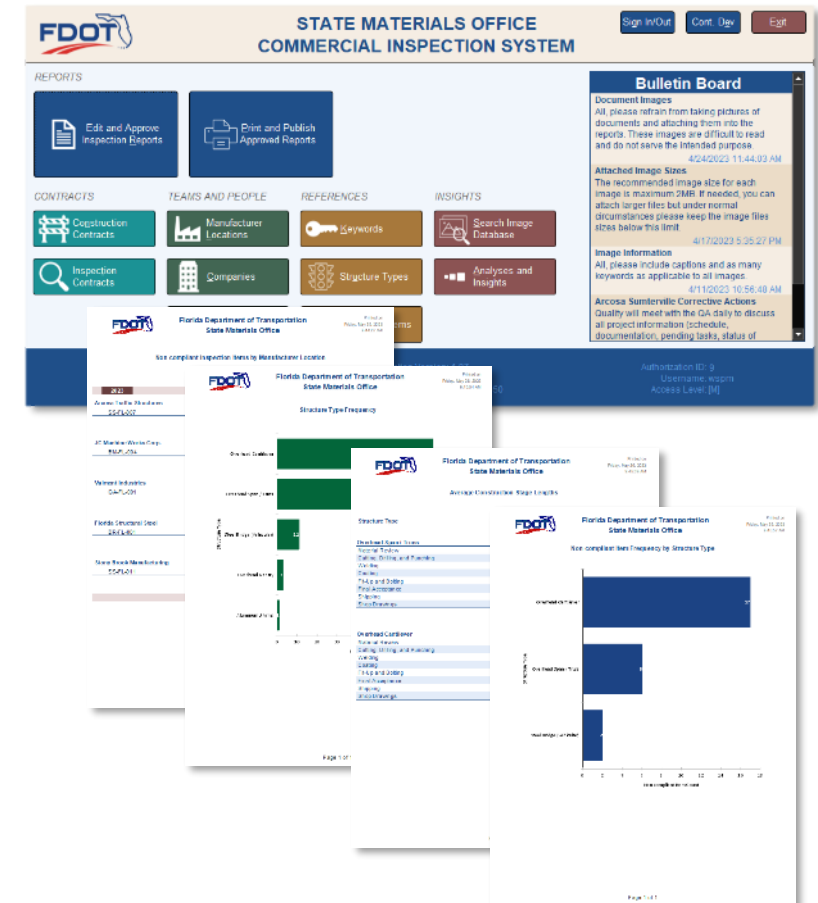


FDOT Commercial Inspection System

What does CIS achieve?

Reporting Side:

- Provides a standard guideline to the QA inspectors.
- Improves reporting quality.
- Standardizes and streamlines the inspection process.
- Speeds up the report drafting allowing additional time to perform inspections.

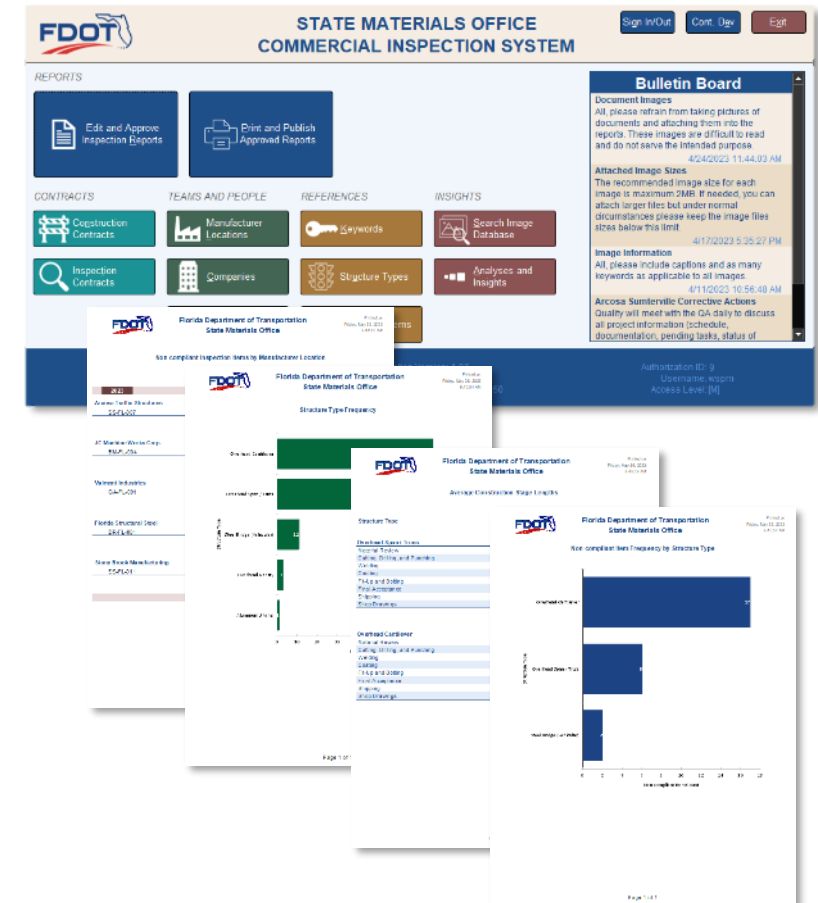


FDOT Commercial Inspection System

What does CIS achieve?

Program Management Side:

- Perform data analytics to gain insights otherwise unavailable
- Audit manufacturers based on historical performance data
- Manage the QA inspection firms and their workload.

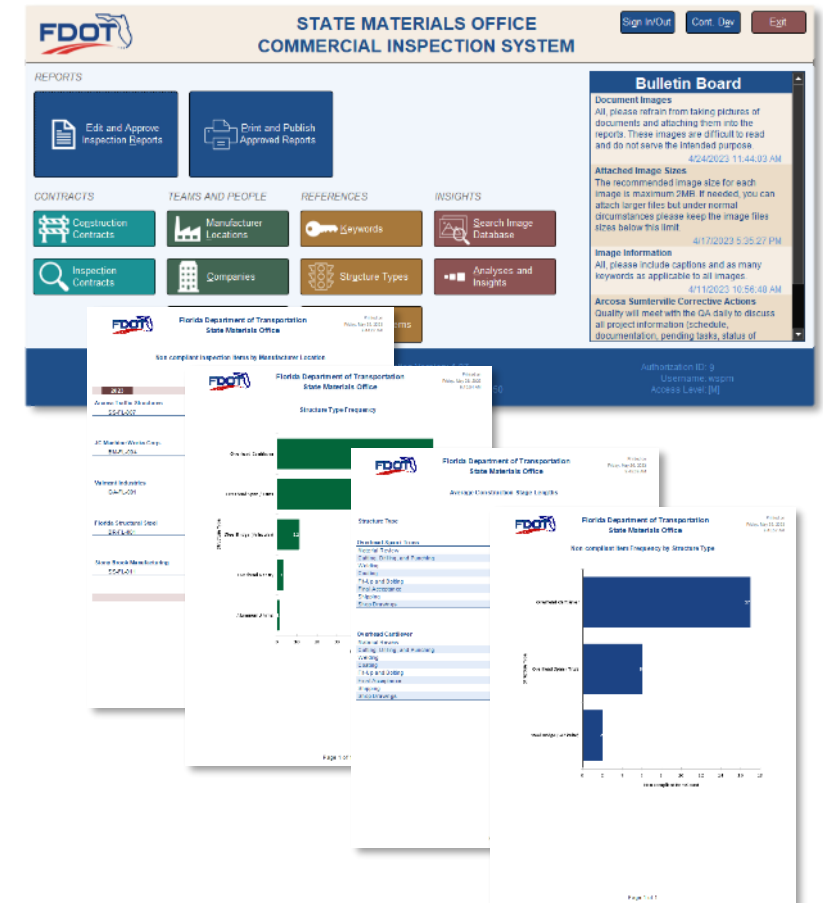


FDOT Commercial Inspection System

What does CIS achieve?


Program Management Side:

- Identify chronic problems across districts
- Inform specification updates based on real world data
- Provide a broader understanding of the system in general



FDOT Commercial Inspection System

FDOT Commercial Inspection System




STATE MATERIALS OFFICE
COMMERCIAL INSPECTION SYSTEM


Sign In/Out


Cont. Dev

Exit

REPORTS

 Edit and Approve Inspection Reports

 Print and Publish Approved Reports


 Training Videos


CONTRACTS


TEAMS AND PEOPLE


REFERENCES


INSIGHTS


 Construction Contracts


 Manufacturer Locations


 Keywords


 Search Image Database


 Inspection Contracts

 Companies

 Structure Types

 Analyses and Insights

 People

 Inspection Items

DEFAULTS

Select your name and your current reporting location here. This information will be used to populate your new reports. The system will remember your selection until the release of the next version. If no selection is made here the system will still try to predict the manufacturer and the inspector name from prior Task Work Order reports.

I am:

I am located at:

Bulletin Board

AZZ Galvanizing - South Carolina

(GA-SC-002) AZZ Galvanizing in Blacksburg, SC is added to approved galvanizers.

11/7/2023 2:07:02 PM

FDOT Audit (Tampa Steel)

FDOT (Tim M) will be auditing Tampa Steel Erecting 10/25

10/3/2023 9:17:19 AM

South Atlantic Galvanizing - Laurens (SC)

South Atlantic Galvanizing (Laurens, SC) has been added for Hot Dip Galvanizing

9/15/2023 2:42:43 PM

USA Structural Steel (Scope Expanded)

USA Structural Steel in East Sarasota has had their scope expanded to include Toll Gantries.

9/15/2023 2:39:12 PM

Bridge Brothers (Pickens, SC) Added

Bridge Brothers of Pickens, SC has been added. They are limited to weathering or galvanized steel bridges.

9/13/2023 2:51:35 PM

File and Folder Names

Please refrain from using special characters such as #, \$, %, & etc. in your file and folder names. These characters can stop you from uploading your images or other attachments to the system.

8/16/2023 9:00:40 AM

Arcosa Sumterville Corrective Actions

Arcosa was sent a CAR this morning: Perform 100% MT on all sign structure chord welds (on every structure that has not yet shipped

Application Version: 1.15
(2022)
Minimum Screen Resolution: 1400x1050

Authorization ID: 9
Username: wspm
Access Level: [M]

Click to view and edit past daily reports.

Num Lock ☒ Online with SharePoint

FDOT Commercial Inspection System

FDOT Commercial Inspection System

Daily Inspection Reports by Task Work Order

Close

All daily inspection reports are seen for the selected task work order below. By toggling the checkbox on the right, you can view the previously approved daily reports as well. Only the top 25 reports are returned. Refine your filters to view older reports.

Optional Filters:

Approved: ☒ My TWOs: ☐

Start Date:

End Date:

Inspector:

IWO:

06 - CAG77 - (T6511)
12 - CAG77 - (E8T77)
15 - CAG77 - (E6N17)
19 - CAG77 - (E2U46)
20 - CAG77 - (T2724)
22 - CAG77 - (E2Y63)
24 - CAG77 - (E7R10)

QA Lead(s): Phil, Charles

Add New Report

List of Inspection Reports - Count: 25 (Only top 25 records returned. Refine filters to see older reports.)

ID	Insp. Day	Ready	Inspectors	Undo
2334	12/29/2023	<input checked="" type="checkbox"/>	Aguimar Da Silva	<div>Details Delete</div>
2315	12/28/2023	<input checked="" type="checkbox"/>	Aguimar Da Silva	<div>Details Delete</div>
2306	12/27/2023	<input checked="" type="checkbox"/>	Aguimar Da Silva	<div>Details Delete</div>
2293	12/26/2023	<input checked="" type="checkbox"/>	Aguimar Da Silva	<div>Details Delete</div>
2280	12/22/2023	<input checked="" type="checkbox"/>	Aguimar Da Silva	<div>Details Delete</div>
2254	12/21/2023	<input checked="" type="checkbox"/>	Aguimar Da Silva	<div>Details Delete</div>
2234	12/20/2023	<input checked="" type="checkbox"/>	Aguimar Da Silva	<div>Details Delete</div>
2217	12/19/2023	<input checked="" type="checkbox"/>	Aguimar Da Silva	<div>Details Delete</div>
2201	12/18/2023	<input checked="" type="checkbox"/>	Aguimar Da Silva	<div>Details Delete</div>
2185	12/15/2023	<input checked="" type="checkbox"/>	Randilyn Cook	<div>Details Delete</div>
2173	12/14/2023	<input checked="" type="checkbox"/>	Randilyn Cook	<div>Details Delete</div>
2160	12/13/2023	<input checked="" type="checkbox"/>	Randilyn Cook	<div>Details Delete</div>
2158	12/13/2023	<input checked="" type="checkbox"/>	Aguimar Da Silva	<div>Details Delete</div>
2172	12/12/2023	<input checked="" type="checkbox"/>	Randilyn Cook	<div>Details Delete</div>
2125	12/11/2023	<input checked="" type="checkbox"/>	Randilyn Cook	<div>Details Delete</div>
2111	12/8/2023	<input checked="" type="checkbox"/>	Randilyn Cook	<div>Details Delete</div>
2097	12/7/2023	<input checked="" type="checkbox"/>	Randilyn Cook	<div>Details Delete</div>
2096	12/6/2023	<input checked="" type="checkbox"/>	Randilyn Cook	<div>Details Delete</div>
2071	12/6/2023	<input checked="" type="checkbox"/>	Jeremy Herndon	<div>Details Delete</div>
2095	12/5/2023	<input checked="" type="checkbox"/>	Randilyn Cook	<div>Details Delete</div>

Toggle the report approval status. Num Lock Online with SharePoint

FDOT Commercial Inspection System

Daily Report Details

Undo Close

ID: 2334

Task Work Order: CAG77 - 15 - (E6N17)

Inspection Day: 12/29/2023

Inspectors: Aguimar Da Silva

Complete:

Complete Approved

Admin Approved: ☐

Daily Narrative: JC# 3491 OHC-5
JC finished welding the base plate and stiffeners to the HSS 18" x 18" x .750 steel column (ht#21172091) of the OHC-5 dual upright. A certified welder made the welds in the process and position using the parameters of an FDOT-approved (WPS) welding procedure.

Spelling

TWO Files: 0(3)

Mark Complete Appr. Disappr. View Structures

List of Inspection Items

Daily Inspection Items Item Count: 1 Undo

ID: 3942 Structure: OHS-4 (OHS-4) Stage: Welding Image Count: 3

Insp. Item: Sequence and quality of the weld is confirmed according to the code.

Manufacturer: JC Machine Works Corp. - Miami + Manufacturers Status: Compliant

Comments: Pre-heat applied to the base metal per the approved welding procedure.

Delete Spelling Images

Enter the inspection day here. Num Lock Online with SharePoint Filtered

FDOT Commercial Inspection System

FDOT Commercial Inspection System

Print Approved Daily Inspection Reports

Close

Select a task work order and a date range to print the approved daily reports for that range.

Active TWOs: ☒ My TWOs: ☐

First Day: 12/4/2023

Last Day: 1/3/2024

Inspection Contract:

CAG71 - KTA-Tator Inc.

CAG77 - WSP USA Inc.

CAH03 - Pennoni Engineering

Task Work Order:

06 - (T6511) RK&K

12 - (E8T77) CDR Maguire

15 - (E6N17) BCC Engineering

19 - (E2U46) GAI Consultants

20 - (T2724) VIA Consulting Services

22 - (E2Y63) Lochner

24 - (E7R10) Atkins

25 - (T2692) CDM Smith

Preview Report

Print Report

Distribute Report

You can create manufacturer specific reports if you check the box below and select a related facility.

Filter by Manufacturer: ☐

Manufacturers:

JC Machine Works Corp. - Miami

DS Brown - North Baltimore

Florida Structural Steel - Tampa

Florida Structural Steel - Gibsonton

W&W / AFCO - Bristol

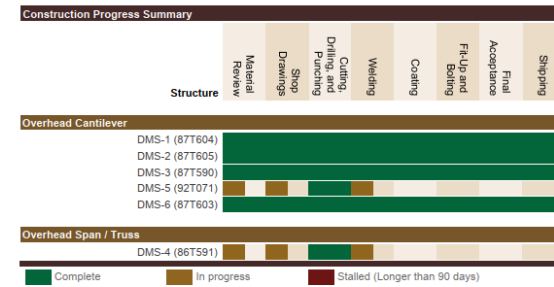
List of Top 25 Approved Inspection Reports in the given date range.

ID	Insp. Day	Distributed	Inspectors
2334	12/29/2023	<input type="checkbox"/>	Aguimar Da Silva
2315	12/28/2023	<input type="checkbox"/>	Aguimar Da Silva
2306	12/27/2023	<input type="checkbox"/>	Aguimar Da Silva
2293	12/26/2023	<input type="checkbox"/>	Aguimar Da Silva
2280	12/22/2023	<input type="checkbox"/>	Aguimar Da Silva
2254	12/21/2023	<input type="checkbox"/>	Aguimar Da Silva
2234	12/20/2023	<input type="checkbox"/>	Aguimar Da Silva
2217	12/19/2023	<input type="checkbox"/>	Aguimar Da Silva
2201	12/18/2023	<input type="checkbox"/>	Aguimar Da Silva
2185	12/15/2023	<input checked="" type="checkbox"/>	Randilyn Cook
2173	12/14/2023	<input checked="" type="checkbox"/>	Randilyn Cook
2160	12/13/2023	<input checked="" type="checkbox"/>	Randilyn Cook
2158	12/13/2023	<input checked="" type="checkbox"/>	Aguimar Da Silva
2172	12/12/2023	<input checked="" type="checkbox"/>	Randilyn Cook
2125	12/11/2023	<input checked="" type="checkbox"/>	Randilyn Cook
2111	12/8/2023	<input checked="" type="checkbox"/>	Randilyn Cook
2097	12/7/2023	<input checked="" type="checkbox"/>	Randilyn Cook
2096	12/6/2023	<input checked="" type="checkbox"/>	Randilyn Cook
2071	12/6/2023	<input type="checkbox"/>	Jeremy Herndon
2095	12/5/2023	<input checked="" type="checkbox"/>	Randilyn Cook

Select the task work order here.

Num Lock ☐ Online with SharePoint

FDOT Commercial Inspection System



Florida Department of Transportation
State Materials Office

Printed on
Wednesday, December 27, 2023
8:14:51 AM

Date Range: 12/16/2023 to 12/26/2023

Inspection Task Work Order Information

Contract Number: CAG77
TWO: 12
Inspection Company: WSP USA Inc., Pink Diamond (WSP Sub)
QA Lead: Halim Kerim Bas, Phil Dzikowski
QA Lead Email: halim.k.bas@wsp.com, philip.dzikowski@wsp.com

Relevant Construction Project Information

Contract Number: E8777 Start Date: 1/1/2023
Project Description: Northern and Southern Queue Warning System
District: Turnpike FIN: 449253-1-52-01

CEI Information

Contact Person: Antonio Piedra
Phone: (954) 881-6272
CEI Firm: CDR Maguire
Email: antonio.piedra@cdrmaguire.com

Action Items

Manufacturer: Arcosa Traffic Structures - Sumterville (SS-FL-007) Designation: RFI-1 Duration: 25 d
Status: Resolved Opening: 10/11/2023 Closing: 11/5/2023
Description: Column gusset plate too close to the column pipe end. Structure: DMS-1

Inspectors



ID: 59
Name: Michael Philpotts
Phone: (336) 669-2924
Email: michael.philpotts@wsp.com



ID: 67
Name: Samuel Wilbanks
Phone: (256) 630-6975
Email: samuel.wilbanks@wsp.com

Manufacturers

ARCOSA

ID: 19 TRAFFIC STRUCTURES
Company: Arcosa Traffic Structures
Facility: SS-FL-007
City: Sumterville State: FL
Type: Aluminum J-Arms, Overhead Cantilever, Overhead Gantry, Overhead Monotube, Overhead Span / Truss



State Materials Office - Commercial Inspection System

Saturday, December 16, 2023

Daily Report ID: 2195

Inspectors: Samuel Wilbanks

Daily Narrative: Structure DMS-4 is undergoing welding and nondestructive testing.

Structure DMS-5 is undergoing joint preparation for welding.

Inspection Item: 3703, DMS-4 (86T591), Arcosa Traffic Structures - Sumterville (SS-FL-007)

Non-destructive and/or visual testing of the welds by qualified inspectors shows passing results. Status: Compliant

Taken By: Samuel Wilbanks

Capture Date: 12/16/2023

Taken By: Samuel Wilbanks

Capture Date: 12/16/2023



Image 6495: MT on column gussets.



Image 6496: MT on column gussets.

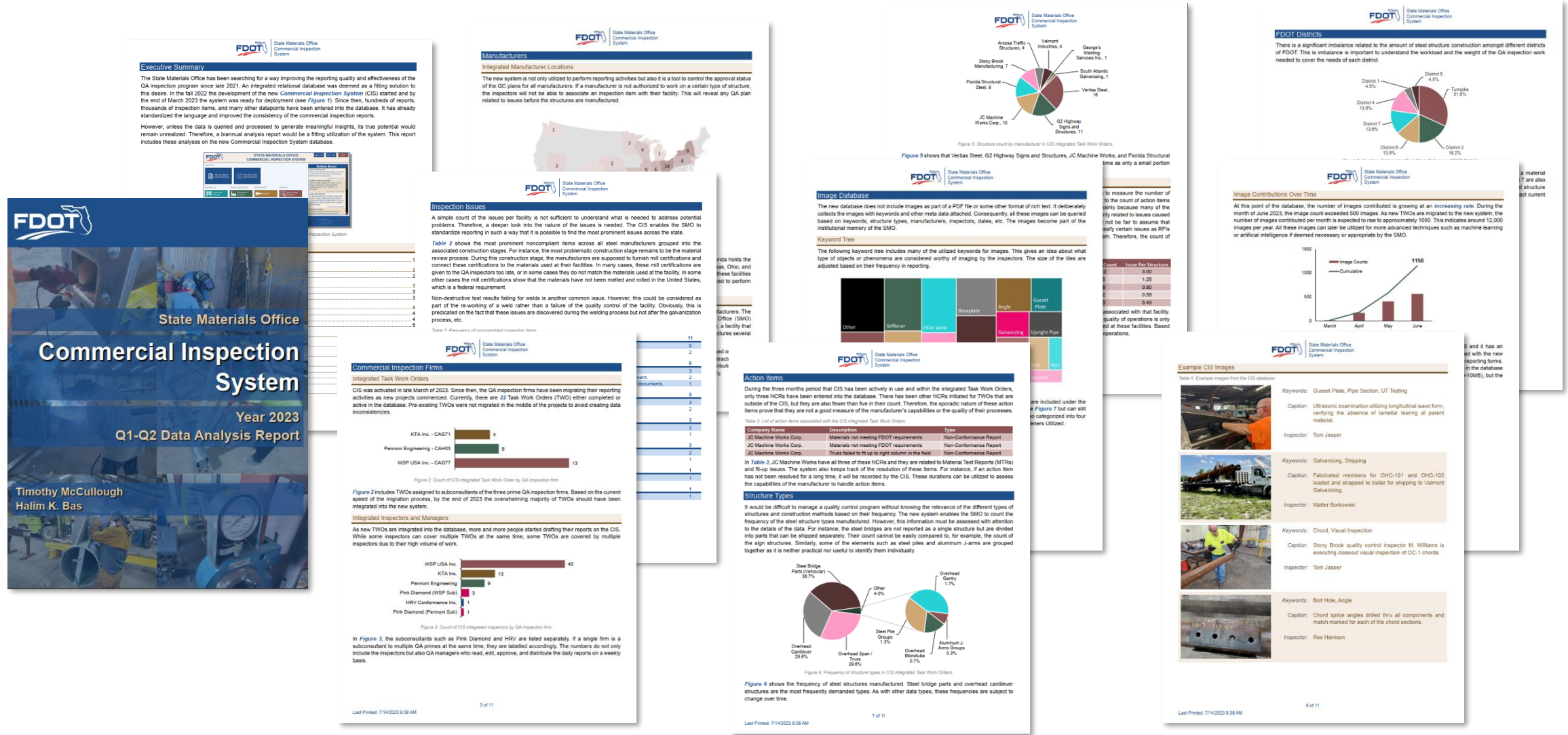
Taken By: Samuel Wilbanks

Capture Date: 12/16/2023



Image 6498: MT on column headplates.

FDOT Commercial Inspection System





Thank you.

Questions

