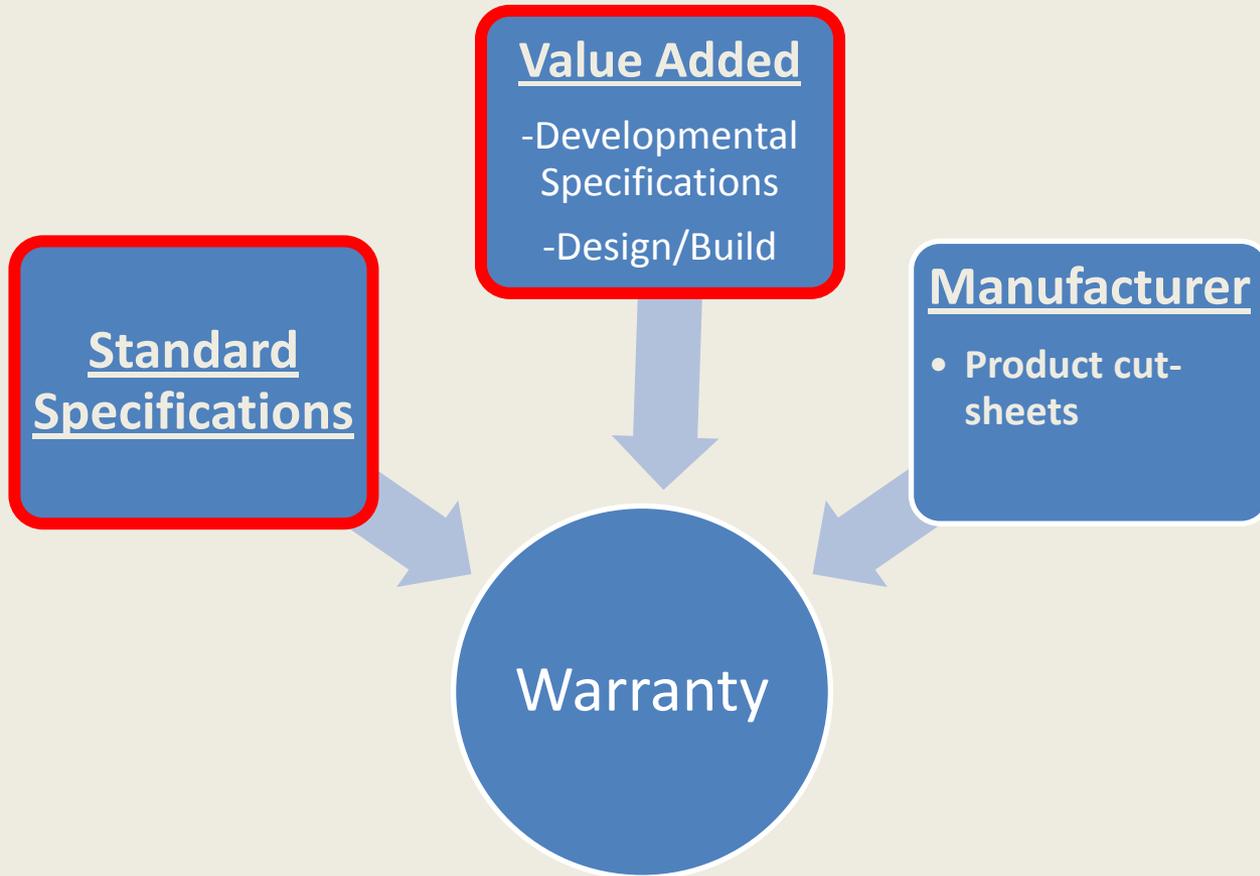


The Project Administrator and WARRANTIES

Elizabeth Jett, D4 QA Engineer



Warranties/Value Added Items

- **Design Build Projects**

 - Section 5-14 of Division I specs

 - Section 6 of the Technical proposal

 - Contract Standard/Developmental Specs

- **Conventional Projects**

 - Contract Standard/Developmental Specs

- **LAP (Local Area Program) Projects**

 - Based on contract specifications

 - Currently not being tracked

 - (Forward to District Construction)

Typical Warranties

- Value Added Asphalt spec 338
- Landscape spec 580
- Design-Build
 - Structures (joints, concrete, deck drainage, coatings, tec.)
 - Asphalt
 - Landscape
 - Facilities (WIM stations, Rail Station)
 - Need facility warranties to be summarized into a spreadsheet with term and responsible party contact.

Project Administrator's Role

- **Get Quality Construction**
 - Know the contract
 - Ensure adequate inspection
- **Compile/Submit Warranty Package**
 - Review the contract
 - Warranty Submittal Form
 - Include copy of spec from contract for each item, if applicable

What to do

- Preconstruction Meeting
- Pre-Activity Meetings
- During Construction
- Final Inspection

Preconstruction Meeting

- **Review:**

- warranties
- pre-activity meeting requirements
- plant selection process requirements (if applicable)

- **Invite**

- Warranty Coordinator (WC)
- Asphalt Specialist (AS)
- WE
- RLA of record

Message to contractor: Making repairs during the warranty period is expensive and can be prevented in most cases.

Pre-Activity Meetings

- **Pre-landscape meeting**
 - Invite Contractors, RLA of Record, Maintaining Agency, Ops WC, D4 RLA (E. Hassett), QA/Warranty Engineer (DCO)
- **Pre-paving meeting**
 - Invite Contractors (w/ paving foreman), Materials Office, Asphalt Specialist, Ops WC, QA/Warranty Engineer (DCO)
- **Recommended for most activities** to ensure everyone understands the requirements of the contract – *especially the inspectors*. (Examples: drilled shaft, guardrail, signs, etc.)
- **Review contract prior to the meeting** (spec, index)

During Construction

Asphalt Specialist – for asphalt projects the AS needs to be involved throughout paving operation

Inspections/visits during construction

- Paving Operations - Warranty Coordinator, Materials Office
- Landscape Operations - Warranty Coordinator, RLA of Record or Ops RLA

Final Inspection

- Asphalt projects
 - Invite the AS and WC
- Landscape projects
 - Invite the RLA of Record, the Landscape & Irrigation subs, and the Maintaining Agency
 - The Final Inspections for landscaping can be done early to give the landscape contractor time to make corrections and the local authority and RLA to re-inspect if necessary.

Final Acceptance

- **Warranties begin at final acceptance.**
- **Submit the Warranty Package with the Final Estimates Package** (If completed earlier provide a copy of the Warranty Submittal Form to Final estimates.)
- **The WC enters warranties into CIM, and schedules inspections**

Warranty Package

Use Warranty Submittal form as a guide

- Include copy of applicable spec sections from contract
- Bond from Prime
- Responsible party forms
- Contact information
 - Contactor
 - Maintaining Agency
 - Landscape sub
- Design-Build- Div I Section 5-14 and Section 6 of Technical

Warranty Submittal Form

Warranty Submittal Form For Design Build

Project # _____ Contract #: _____

Project Administrator: _____ FDOT Project Manager: _____

Instructions: Select applicable warranties
Include Contractor Guarantee
Copy of Section 5-14 of

ONLY Check those that apply

PRIME CONTRACTOR:

Name: _____

Title: _____

Address: _____



LANDSCAPING

LAND/Landscape Installation
Submit Warranty Bond and

Contact Information:

Landscape Sub-contractor:

Warranty Submittal Form

Project # _____ Contract #: _____

Project Administrator: _____ FDOT Project Manager: _____

Phone #: _____

Instructions: Select applicable warranties and attach pertinent documents. Review the contract (specifications) for information on which Warranties/Value Added Items are covered by specification in the contract.

ONLY Check those that apply and fill in ALL Contact Information

PRIME CONTRACTOR:

Name: _____

Title: _____

Address: _____

Phone #: _____

Email: _____

LANDSCAPING

LAND/Landscape Installation- Sect. 580

Submit Warranty Bond and Copy of the Landscape and Irrigation As-Builts plans.

Contact Information:

Contract Information & Monitoring (CIM) System

- Enterprise application used to help track all the warranties for the project
- Provides project warranty information
- Used to schedule inspections
- Sends automatic notifiers for upcoming inspections
- Houses warranty documents (docs automatically saved in EDMS thru CIM)

CIM Value Added Features

<u>Feature</u>	<u>Description</u>	<u>Feature</u>	<u>Description</u>
ASPF-1	Asphalt Pavement - Sect. 337/338	ITS-1	ITS Warranty Items (Spec. 781)
AVPM-1	Audible & Vibratory Pavement Markings - Sect. 701	LAND-1	Landscape Installation - Sect. 580
BBRK-1	Mov. Bridge Brake Components - Sect 508	MBMB-1	Moveable Bridge Maint. Bond - Sect. 465
BDPF-1	Brdg Deck Exp. Joints, etc. - Sect. 475	OTHER-1	Other Warranty Items
BEAR-1	Bearing Devices - Sect. 475	PCW-1	Post Construction Warranty(Add-On)
BLES-1	Brdg Elect./Lighting Sys. - Sect 475	PMASP-1	Painted Mast Arms and Strain Poles (Spec. 649)
BRCM-1	Mov. Brdg Comm. & Acc. System - Sect 508	PTSM-1	Permanent Tape Stripes & Markings - Sect. 713
COAT-1	Coatings - Sect. 475	RACP-1	Reworked Asphalt Concrete Pavement (Spec. 324)
CPPF-1	Concrete Pavement - Sect. 355	TRAF-1	Traffic Markings - Sect. 707
CPSW-1	Cathodic Protection System Warranty	TSM-1	Traffic Stripes and Markings (Spec. 711)
DBW-1	Design Build Warranty(Complete Project)	TSM2C-1	Traffic Stripes & Markings; Two Components - Sect. 709
DRAN-1	Brdg Drainage Sys. - Sect. 475	TURF-1	Performance Turf - Section 570
ITS-1	ITS Warranty Items (Spec. 786)	VAHLS-1	Value Added Highway Lighting System (Spec. 725)
ITS-1	ITS Warranty Items (Spec. 785)	VASI-1	Value Added Signal Install.- Sect. 645
ITS-1	ITS Warranty Items (Spec. 784)	WHC-1	Witness Point - Hold Point Contracts
ITS-1	ITS Warranty Items (Spec. 783)		
ITS-1	ITS Warranty Items (Spec. 782)		

Striked thru items are not being tracked or uploaded into CIM
Items in yellow are commonly used.

D/B Division I Section 5-14

5-14 Contractor Guaranteed Project Features.

5-14.1 Description: Construct Contractor Guaranteed Project Features consisting of those features provided for in the Design and Construction Criteria and/or the Technical Proposal.

5-14.1 ...The Contractor shall assume responsibility for all the associated guaranteed work specified in this Article for a *minimum period of five years, unless otherwise stated in the Contract...*

Contract, after final acceptance of the Contract in accordance with 5-11, including continued responsibility as to any deficiencies to which notice was provided to the Contractor within such guarantee period until all such pre-existing deficiencies are resolved.

5-14.2 Responsible Party: For the purpose of this Specification, the Contractor shall be the responsible party unless otherwise agreed to in writing by the Department.

Upon final acceptance of the Contract in accordance with 5-11, the Contractor's responsibility for maintenance of all the work or facilities within the project limits of the Contract will terminate in accordance with 5-11; with the sole exception that the obligations set forth in this Article for Contractor Guaranteed Project Features shall continue thereafter to be responsibility of the Contractor as otherwise provided in this Article.

5-14.3 Evaluation and Remedial Work: Identify in the Technical Proposal each guaranteed feature with its associated type of distress and threshold values defining the extent and magnitude of such distresses that will necessitate remedial work. The Contractor will conduct a review of the Contractor Guaranteed Project Features during the guarantee period in accordance with 5-11.

5-14.3 ...The Contractor will conduct a review of the Contractor Guaranteed Project Features during the guarantee period in accordance with the frequency established in the contract, but in any case, *at least once annually...*



Section 6: Design/Build Firm Contractor Guaranteed/Value Added

In accordance with the Request for Proposal, page 18 of 42 and *Section V – T Design/Build Firm Contractor Guaranteed /Value Added*, the RMW/FGA team will assume responsibility for defects in material and workmanship for the building work for (2) years. The warranty period will commence upon final acceptance of the work by FDOT.

Coverage

RMW hereby warrants and represents the newly restored facility components, materials and systems incorporated therein shall be free from defects and deficiencies. Normal wear and tear of any material, system, equipment or component is not considered a defect for purposes of this coverage, nor are damages, faults, failures or deficiencies, which are caused by or the result from conditions, circumstances or events which are beyond the control of the RMW/FGA team. Included without limitation are acts of God, fires, floods, abnormal weather which exceed design parameters, accidents, vandalism, theft and improper or abnormal maintenance activities performed or conducted by or on the behalf of FDOT.

Inspections

The RMW/FGA team will perform detailed visual inspections at 11 months and at 23 months. After each inspection, the team will prepare and distribute an inspection report. Comments to the inspection report from stakeholders must be in writing, be specific and received within 30 days of the inspection report.

Maintenance during the warranty period

FDOT assumes responsibility for and agrees during the duration of any warranties contained herein, to maintain the project in accordance with FDOT's standards and in accordance with the Operation and Maintenance information furnished at close of construction.

Item	Warranty Period
Bridge Bearings	5 Years
Expansion Joints	5 years
Structural Concrete Substructure Superstructure Approach Slabs	5 Years
Paint - Class V	5 Years
Roadway Earthwork Drainage Systems	5 Years
Asphalt Pavement	Per Section 338
Lighting/Electrical	5 Years
Signing	5 Years

Accessing CIM



DOT INFONET

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Web Applications

- [AARF Automated Access Request Form](#)
- [Award Nomination and Review](#) [more](#)
- [BMSCI \(Bridge Management System Clearance Issues\)](#) [more on BMSCI](#)
- [BQA \(Bid Questions and Answer\)](#)
- [CIM \(Contract Information and Management\)](#)
- [CITS \(Consultant Invoice Transmittal\)](#)
- [Contact Mailer](#) [more on Contact Mailer](#)
- [Contact Management](#) [more on Contact Management](#)
- [CPP \(Contract Proposal Process\)](#)
- [Contract Proposal Process](#)
- [CPQ \(Contractor Pre-Qualification\)](#)
- [EDMS \(Electronic Document Management System\)](#)

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- [VAF User Guide](#)
- [CPPR Guidelines](#)
- [CPPR User Guide](#)

Search

- [Select Criteria](#)
- [View Results](#)

Construction

- [Contract Status](#)
- [Associated Finproj Dates](#)
- [Cost & Time](#)
- [Change Orders](#)
- [Estimates](#)
- [CEI / CCEI](#)
- [Vendors/Subcontractors](#)
- [Contacts](#)
- [External Links](#)
- [Notes \(0\)](#)
- [Reports](#)
- [CPPR](#)

Value Added

- [Feature Search Criteria](#)
- [Feature Search Results](#)
- [Value Added Features](#)
- [Notes \(0\)](#)
- [File Summary \(0\)](#)
- [Reports](#)

Features

Data Load: Not Running
Completed: 2/7/2013 7:24:27 AM

Contract #	T4001	Roadway Section	93020000	SiteManager Contract Type
Const. Status	10 - Paid Off	Spec. Year	2000	Flair Contract Type
Cost Center	409	County	PALM BEACH	Contract Location
Lead Finproj	229867-1-52-01	District	04 FOURTH	

Search Criteria [Search Results](#)

Please enter one of more of the following fields and click search.

Contract # (Starts With)	<input type="text"/>	SiteManager Contract Type
Financial Project ID (Starts With)	<input type="text"/>	County
Contract Description (Contains)	<input type="text"/>	District
Contractor Name (Contains)	<input type="text"/>	Work Mix
Contractor ID (Starts With)	<input type="text"/>	Cost Center
FAP (Federal Aid Participation) (Starts With)	<input type="text"/>	Construction Status
Sub Contractor Name (Contains)	<input type="text"/>	
Sub Contractor ID (Starts With)	<input type="text"/>	
Pay ID # (Match)	<input type="text"/>	
State Road # (Contains)	<input type="text"/>	
Bridge # (Contains)	<input type="text"/>	

[Search](#) [Clear](#)

Contacts

District Office

Elizabeth Jett, QA Engineer/Warranty Engineer, Elizabeth.Jett@dot.state.fl.us, 954-777-4193

Darryl Wright, Warranty Coordinator, Target Engineering Group, Darryl.Wright@dot.state.fl.us, 954-777-4660

Elisabeth Hassett, District RLA, Elisabeth.Hassett@dot.state.fl.us, 954-777-4219

Broward Operations

Dinyar “Dan” Sharifabad, Warranty Coordinator, Dinyar.Sharifabad@dot.state.fl.us, 954-677-7656

Hassan Abedi, Operations Support Manager, Hassan.Abedi@dot.state.fl.us, 954-677-7656

Palm Beach Operations

Randy Clamme, Interim Warranty Coordinator, G & O, RClamme@greenhorne.com, 561-432-4966

Sheila Small-Wilder, Asphalt Specialist, Sheila.SmallWilder@dot.state.fl.us,

Deborah Ihsan, Operations Support Manager, Deborah.Ihsan@dot.state.fl.us, 561-432-4966

Treasure Coast Operations

Heath Stocton, Landscape Warranty Coordinator, Heath.Stocton@AECOM.com, 772-286-3883

Glen Beck, Asphalt Specialist, Glen.Beck@dot.state.fl.us, 772-489-7127

Jeff LeClaire, Operations Support Manager, Jeff.LeClaire@dot.state.fl.us, 772-465-7396