

Local Agency Specifications



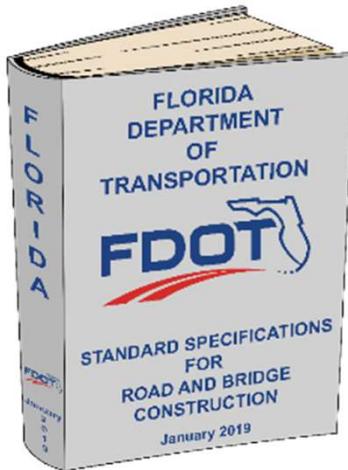
Topics

- Components of a Specifications Package
- Use of Proprietary Products
- What to Use and When to use It
- Spec's Package Example



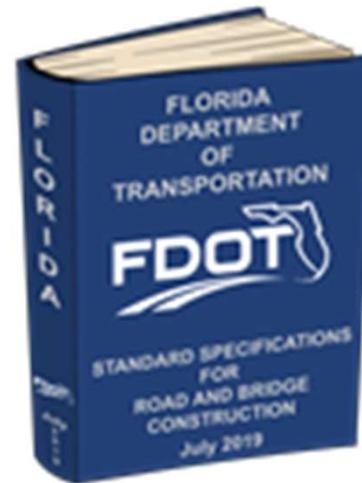
Components of a Specifications Package

All FDOT contracts start with the Standard Specifications for Road and Bridge Construction.



Semi-Annual Release:

January: Jan. 1 - June 30 Lettings
July: July 1 - Dec. 31 Lettings



For projects using the FDOT Specifications, the Spec's package is a collection of additions or changes to the Standard Spec's.



Components of a Specifications Package

Specifications Package -

The signed and sealed document for inclusion in the contract, consisting of the following (as applicable):

- LAP Specifications- LAP Div 1, Big Four, etc.
- Developmental Specifications
- Technical Special Provisions
- Mandatory Specification Revisions
- Other Specifications as needed



Components of a Specifications Package

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**LOCAL AGENCY PROGRAM CHECKLIST FOR CONSTRUCTION CONTRACTS (Phase 58) –
FEDERAL AND STATE REQUIREMENTS**

525-010-44
PROGRAM MANAGEMENT
03/19
Page 1 of 8

Project Title: _____
Financial Management Number: _____
Federal-Aid Project Number: _____
Local Agency Name: _____
Scheduled Advertisement Date: _____

LAP Agreement Amount (\$): _____
LAP Project Classification: A B C D
Specifications Used: FDOT LAP Big Four Local Agency
Materials Testing Requirements: FDOT-MAC Local Agency

- **LAP Specifications** – These are the Specifications in [Specs on the Web](#), which are available for use on LAP Projects. Depending on the needs of your project, you will select the appropriate specs from this list. Must consider LAP project classification and specs selected for each project.



What to use and When to use It

LAP Project Specification Use

	On-System (Class A Project)	Off-System Critical (Class B & C Projects)	Off-System (Class D Project)
DOT's Division I	NO Must include, per on-system guidelines, necessary portions of Sections 1 (w/ definitions for "Department" and Engineer"), 4, 5, 6, 7 & 9	NO Must include, per off-system guidelines, necessary definitions for "Department" and "Engineer"	NO Must include, per off-system guidelines, necessary definitions for "Department" and "Engineer"
Local Agency's General Conditions	YES	YES	YES
DOT's Division II & III	YES	YES For all Class B projects and for Class C structural components NO For all Class C non-structural components use "Big Four"** or approved local agency specifications	NO Use "Big Four"** or approved local agency specifications

** If local agencies want to use their own in any of these four areas, then it must get DOT review and approval.

April 27, 2016



What to use and When to use It

LAP Classification A- State Highway and National Highway System or
LAP Classification B- “off-system” or local road project greater than \$10 million

- Follow FDOT requirements
 - Must use the latest version of the FDOT specs covering
 - ✓ Division II (Construction Methods)
 - ✓ Division III (Materials)

National Highway System (NHS) projects per **23 CFR 637.201-205**:

- all NHS projects must use the approved states' design criteria, specifications, and quality assurance programs

Class B threshold set by FHWA based on risk to project delivery and use of Federal-Aid funds.



What to use and When to use It

LAP Classification C- “off-system” bridge project

- Follow FDOT requirements for structures portion of the project
 - Must use the latest version of the FDOT specs covering
 - ✓ Division II (Construction Methods)
 - ✓ Division III (Materials)
- Portions of the project without structures may use local agency construction method and material specifications or the LAP Big Four.

Definition of a bridge per [23 CFR 650.305](https://www.federalregister.gov/documents/2017/07/13/2017-15333/bridge-definition).



What to use and When to use It

LAP Classification D- “off-system” project

- Off-System - Projects not located on the State Highway System (SHS) or the National Highway System (NHS), not over \$10 million, and do not have a structure defined as a bridge.
- May use local agency construction method and material specifications different than FDOT's or the LAP “Big Four.”



What to use and When to use It

LAP Classification C & D... The “Big Four”

GOAL: To provide Specs with simplified testing and acceptance criteria, while recognizing differences in project complexity and contract administration approach between FDOT and Local Agencies

- Written for anticipated, off-system project scopes (i.e. mainly rails to trails, bikeways, sidewalks, etc.) to cover:
 - Earthwork
 - Asphalt
 - Concrete
 - Landscaping
- Modifications to the “Big Four” may be used, but ***all changes must be approved by the FDOT.***



Components of a Specifications Package

Developmental Specifications - Specifications developed around a new process, procedure, or material approved for limited use.

A good example is Internally Illuminated Raised Pavement Markers (IIRPM's) – In areas with tight curves and high crashes, IIRPM's have been used to alert drivers of the roadway centerline. These have been used in test environments throughout the State with positive results, and are now being added to the Standard Specifications.



Components of a Specifications Package

Technical Special Provisions (TSP) – Project-specific specifications of a technical nature addressing an item of work not covered by the Special Provisions. Signed and sealed by an engineer registered in Florida.

- May not modify Sections 1-9
- Detailed rules in Specifications Handbook
- Contractor Warranties - No
- Manufacturer Warranties - Yes
 - Transferable to the Department or Local Agency
 - Standard industry time periods



Components of a Specifications Package

Mandatory Revisions – Changes to specifications required by FHWA or DOT in order to be consistent with Design Standards, Florida Statutes or Rules are Mandatory Revisions.

- Critical in nature,
- Must be implemented in a short timeframe,
- Usually involve an item of legal or contractual significance in terms of financial risk.
- Incorporated into the Workbook and added to Specification Packages, effective for a specific letting date and usage note.



Proprietary Products

Proprietary Products – Do not use brand names or require specific manufacturers (i.e., 3M, Sherwin Williams, etc.)



Say “Gelatin”. Don’t say
“Jello”



Say “Whipped Topping”.
Don’t say “Cool Whip”



What to use and When to use It

Division I Specifications for Local Use

- ***Division One Specifications for Local Agencies*** documents developed for incorporation into LAP construction project bid packages.
- Provides standard contract language for items found on the ***LAP Construction Checklist (Form No. 525-010-44)*** that also appear in the ***FDOT Standard Specifications for Road and Bridge Construction***.
- Language conforms to contractual requirements for use on Federal-Aid Highway Program projects. Already undergone FHWA review as part of the annual state QA/QC program approvals process.



This is what the Division 1 Specs look like
when you open the document

LAP DIVISION 1 SPECIFICATIONS.
(REV 9-26-16) (1-17)

Construction Checklist Specifications
from
Department of Transportation
Standard Specifications for Road and Bridge Construction

The following excerpts from the Standard Specifications and Special Provisions are provided for use in LAP Specifications as needed in accordance with the Local Agency Program Checklist for Construction Contracts (Phase 58) – Federal and State Requirements (525-070-44)



What to use and When to use It

Division I Specifications for Local Use

Two versions of the LADIV1 document are available for use on LAP projects:

1) LADIV1-OFFSYS is for **CLASS D**

2) LADIV1-ONSYS is for use with **CLASS A, B, and C**

- This version includes additional required language for use with Division 2 and Division 3 specifications
- Includes Section 2-1 Prequalification of bidders spec



What to use and When to use It

Division I Specifications for Local Use

Between the two versions of the LADIV1 document available for use on LAP projects:

- ✓ *Not ALL specifications included in the documents are required for each LAP project.*
- ✓ *It is easier to omit those non-applicable requirements as needed rather than hunt for all of the required contractual items individually!*
- ✓ *Not ALL 42 specifications identified on the LAP Construction Checklist are included in the LAPDIV1 documents.*
- ✓ *Some requirements must be specific to your agency!*



What to use and When to use It

Division I Specifications for Local Use

- The LADIV1 files are located on the Department's 'Specs on the Web' at:
<https://fdotewp1.dot.state.fl.us/SpecificationsPackage/>
- Specs on the Web is a web application that creates specification packages based off current FDOT specifications for transportation projects including provisions that are required with Federal-Aid projects.
- Each LADIV1 file is downloadable as a Microsoft WORD file and may be formatted or edited as needed.





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Specification Details

Prepared By	Frances Thomas, Dan Hui	
Financial Project	LAP12345801	
Contract Type	LAP	
Spec Book Month	July	
Spec Book Year	2016	
Federal Funding?	<input checked="" type="checkbox"/> (Federal Funding - Check if Yes)	
Multiple FPN?	<input type="checkbox"/> (Multiple FPN - Check if Yes)	
Reissued?	<input type="checkbox"/> (Revised - Check if Yes)	
Manual Signature?	<input type="checkbox"/> (Manual Signature - Check if Yes)	
Letting Date	November	2016
District	District 2	
County	Suwannee	
Start Package		
Cancel		





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Select Specifications

Financial Project Number: LAP123-4-58-01

Letting Date: 11/16

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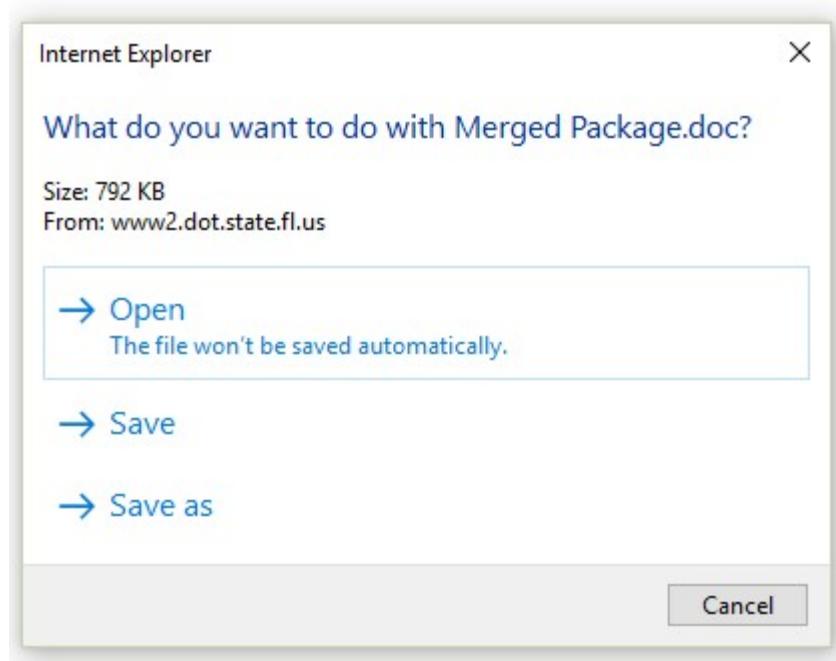
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Select		Description	Usage Notes
Florida Pavement Preservation Council			
<input type="checkbox"/> FPPC-PolymerModifiedChipSeal	Browse (Unknown file size)	POLYMER MODIFIED CHIP SEAL. (Rev. 5/16/2014) (FA.) (01/14)	For Local Agency Use Only. (This specification was not developed and is not owned by the FDOT.)
<input type="checkbox"/> FPPC335-BitFogSeal	Browse (Unknown file size)	BITUMINOUS FOG SEAL. (Rev. 1/29/2014) (FA.) (01/14)	For Local Agency Use Only. (This specification was not developed and is not owned by the FDOT.)
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Local Agency Specs			
<input type="checkbox"/> LADIV1-OFFSYS	Browse (Unknown file size)	LADIV1-OFFSYS LOCAL AGENCY DIVISION 1 SPECIFICATIONS FOR OFF SYSTEM LAP PROJECTS	FOR ALL LAP PROJECTS OFF SYSTEM





Save the package to your computer.
It will be saved as a Word document.



October 19, 2016
PREPARED BY: Frances Thomas, Dan Hurtado

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SPECIFICATIONS PACKAGE
FINANCIAL PROJECT ID(S). Bookmark(FPN)Bookmark(Multiple?)
FEDERAL FUNDS
DISTRICT TWO
SUWANNEE COUNTY

The applicable Articles and Subarticles of the General Requirements & Covenants division (Division I) of the July 2016 edition of the Florida Department of Transportation Standard Specifications for Road and Bridge Construction are added, and all of the Construction Details and Materials divisions (Division II & III) are revised, as follows:

I hereby certify that this specifications package has been properly prepared by me, or under my responsible charge, in accordance with procedures adopted by the Florida Department of Transportation.

The official record of this package has been electronically signed and sealed using a Digital Signature as required by 61G15-23.004 F.A.C. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Signature

and Seal::

Date:

Engineer of Record:

Fla. License No.:

Firm Name:

Firm Address

City, State, Zip:

Certificate of Authori

Page(s):

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