

## Chapter 28

### Shop and Erection Drawings

The following are changes, additions or deletions to the January 2014, Topic #625-000-007, Plans Preparation Manual (PPM), for use on Turnpike projects only.

*Replace within whole chapter*

Where stated in the Plans Preparation Manual (PPM), Volume 1, Chapter 28, any reference to Engineer of Record, shall read as follows: Architect of Record and/or Engineer of Record.

#### 28.1 Introduction

*Add the following paragraph*

Typically Florida's Turnpike Enterprise Shop Drawing Review Office (Department) will provide the Contractor with the Shop Drawing Routing Chart (**Exhibit 28-A**) and Shop Drawing Procedures information package at the Preconstruction Conference. This information addresses requirements for the submission of Shop Drawings electronically and provides an overview of the review and approval process.

Modification for Non-Conventional Project:
In 1 <sup>st</sup> sentence, delete reference to <b>Exhibit 28-A</b> and replace with <b>Exhibit 28-C</b> .

#### 28.2 Drawing Submittals Required

*Delete paragraph 4 and add the following*

Material certifications, welding procedures and concrete mix designs are typically submitted by the Contractor to the Resident Engineer who forwards the certifications to the State Materials Engineers in Gainesville. These items do not need to be reviewed and approved by Architect of Record and/or Engineer of Record. They are submitted through the ProjectSolve system as Pre-Qualified submittals within the shop drawing module, which are routed directly to the Resident Engineer for review. For non-standards items, the Resident Engineer will typically request approval by the Architect of Record and/or Engineer of Record regarding applicability. Material certifications for items on the Qualified Product List (QPL) and/or Approved Product List (APL) is typically submitted by the Contractor to the Resident Engineer thru ProjectSolve. This procedure will be defined during the preconstruction conference.

#### 28.3 Contractor Information Required

*Replace last sentence of paragraph 2 with the following*

Other documents such as trade literature, catalogue information, calculations and manuals must be submitted electronically with a Table of Contents.

***Add the following after the last sentence, paragraph 2***

Identify Toll Gantry Structures by site location.

***Replace the following (Modification for Non-Conventional Project) after paragraph 3***

Modification for Non-Conventional Project:
Delete the above paragraph and replace with the following:
<p>The Design-Build Firm shall be responsible for the preparation and approval of all shop drawings and calculations. Once the shop drawings have been reviewed and approved by the Contractor and Architect of Record and/or Engineer of Record, submit Shop Drawings and Calculations to the Department for review and approval. Before submission, the Contractor and Architect of Record and/or Engineer of Record shall determine and verify all quantities, dimensions, specified performance criteria, installation requirements, materials, catalog number and similar data with respect thereto, and shall review and coordinate each drawing with other Shop Drawings and with the requirements of the Contract Plans and Specifications. Both the Contractor and the Architect of Record and/or Engineer of Record shall stamp and initial each sheet indicating that the shop drawing review and approval is for conformance with the design concept of the project and for conformance with information given in the Contract Plans and Specifications (including Supplemental Specifications and Special Provisions).</p> <p>Only shop drawings stamped “APPROVED” or “APPROVED AS NOTED” shall be forwarded to the Department for review. Shop drawings submitted without the stamps of the Contractor and the Architect of Record and/or Engineer of Record, shall be returned for re-submittal. When the Department requires a resubmittal, the drawings shall be modified by the Contractor, resubmitted to the Architect of Record and/or Engineer of Record for approval, and then resubmitted to the Department for review. In the case where the Architect of Record and/or Engineer of Record generates the shop drawings for the project, another Engineer with the Architect of Record’s and/or Engineer of Record’s firm, not involved in the production of the shop drawing, shall review and stamp the drawings per the requirements stated herein.</p>

***Replace first sentence of paragraph 5 with the following***

At the time of each submission, the Contractor shall have given specific written notice, along with an itemized list of all deviations/variations from the Contract Plans and Specifications, in a transmittal letter along with the Shop Erection Drawing submission. In addition, the drawings shall contain a specific notation which explicitly and prominently calls out any deviations. Approval of Shop/Erection Drawings will not constitute nor be considered grounds for approval of a variation in which the project requirements are affected unless specifically indicated as such and noted on the shop drawing, by the Architect of Record and/or Engineer of Record and/or the Department’s approval comments as returned with the shop drawing to the Contractor.

Contractor's request for contract change in time, scope, cost, design, material or product type, specification requirements and/or remedial design for correction construction/fabrication deficiencies, shall not be submitted as a shop drawing, but shall be submitted in proper format to the Resident Engineer for further handling and processing.

*Add the following paragraphs*

Submit Shop Drawings/Submittals electronically utilizing Florida's Turnpike Enterprise Construction Management's internet website, ProjectSolve. Assign a unique submittal number to Shop Drawing.

Shop drawings shall be scanned in Portable Data Format (pdf), using 300 dpi resolution and in 8-bit up to 24-bit color. Once the Contractor has uploaded the shop drawing to ProjectSolve, the Architect of Record and/or Engineer of Record will be notified via email that a shop drawing has been submitted for their review; the Resident Engineer is copied on this email notification.

Shop drawings shall be no larger than 11" x 17" (plotted in 11" x 17" format), in order to facilitate electronic filing. For plotting requirements, please refer to *FDOT CADD Production Criteria Handbook*. Website is located at:

<http://www.dot.state.fl.us/ecso/downloads/publications/CriteriaHandBook>

Any comments or markings provided by the Contractor shall be in blue or black ink. In the case there is no place for the stamp on the front, please stamp the back side of each sheet, indicating the page number (i.e., back of Page 1 of 6). Ensure that this page is also scanned in Portable Data Format (.pdf).

If the shop drawings consist of samples, as outlined in the Contractor's shop drawing item list, the Contractor shall submit three (3) samples for proper processing, in addition to the number of samples needed by the Contractor. The Contractor is required to stamp the samples, include the FPID and their Shop Drawing submittal number. Initiate the shop drawing review process through ProjectSolve, by uploading their transmittal letter and indicate in the "Comment" area on the shop drawing module page, samples have been forwarded to the Architect of Record and/or Engineer of Record via Overnight Courier Service. The Architect of Record and/or Engineer of Record shall confirm in the "Comment" area in ProjectSolve that they are in receipt of samples.

Once the shop drawing has been processed, the Department's Shop Drawing Review Office will provide, if allotted samples are provided: one (1) sample original to Architect of Record and/or Engineer of Record, one (1) to Resident Engineer and Department's Shop Drawing Review Office will retain one (1) for their files. Any remaining samples will be provided to the Contractor.

If samples include Manufacturer, Product Name and Product Number, it is acceptable for the Contractor to scan the data and upload to ProjectSolve. These pages need to be stamped as well. It will be at the discretion of the Department, if submissions of original samples are required.

The Contractor shall coordinate with the Florida's Turnpike Enterprise Architectural Department prior to the submission.

## 28.4 Submittals Requiring a Specialty Engineer

*Replace last paragraph with the following*

When a submittal requires a Specialty Engineer, the sealed prints and calculations will ultimately be retained by the Department electronically, as the official record Shop Drawing.

*Add the following paragraph*

Prior to Contractor scanning and uploading shop drawing to ProjectSolve ensure that the seal (rubber ink stamped or embossed) is legible in the scanned image. Failure to do so will constitute the submission as incomplete and shop drawing will be routed back to Contractor, Not Reviewed, and resubmittal will be required. It is acceptable for the Contractor and the Architect of Record and/or Engineer of Record to stamp the cover page of the calculations only and stamp each sheet of the shop drawing. Stamp in accordance with the Florida Board of Professional Engineers regulations.

## 28.5 Scheduling of Submittals

*Replace paragraph 1 with the following*

Prior to the submission of any shop drawings/submittals, the Contractor shall submit a Shop Drawing/Submittal Item List to the Resident Engineer within 60 days of the start of construction operations. The list is to be submitted in electronic format (excel spreadsheet, which will be provided by the Resident Engineer to General Contractor). For each planned submittal, define the following; description of item, structure identification number, bridge number, location, specification section numbers and roadway divisions. Adherence to the Shop Drawing schedule is intended to allow for the planning of resources and to reduce the possibility of a large number of submittals being forwarded for review concurrently. Reference **Exhibit 28-B** which depicts the review coordination of the shop drawing/submittal item list. The Contractor shall submit the list to the Resident Engineer.

## 28.6 Transmittal of Submittals

*Replace paragraph 2 with the following*

**Exhibits 28-A** through **28-D** shall be supplemented with the following Exhibits. These Exhibits are shown at the end of this chapter.

**Exhibit 28-A**                      **Florida's Turnpike Enterprise Shop Drawing/Submittal Routing Chart for Design Bid Build (Conventional) Projects**

**Exhibit 28-B**                      **Flow Chart for Shop Drawing/Submittal Item List – Review Coordination for Design Bid Build (Conventional) Projects**

<b>Exhibit 28-C</b>	<b>Shop Drawing/Submittal Routing Chart for Design Build (Non-Conventional) Projects</b>
<b>Exhibit 28-D</b>	<b>Shop Drawing Review Office - Department's Review Office Distribution Chart</b>
<b>Exhibit 28-E</b>	<b>Not Used</b>

*Replace the following (Modification for Non-Conventional Project) after paragraph 2*

Modification for Non-Conventional Project:
<i>Exhibit 28-C</i> shows the distribution flow of submittals during the review process, through ProjectSolve.

*Replace paragraph 3 with the following*

The Special Provisions for the project may denote the procedure to be followed. Furthermore, the procedural requirements for shop drawings submissions electronically and the website URL will be provided at the preconstruction conference for the project. In the absence of such instructions, the following, as outlined within this Chapter, generally applies.

### **28.6.1 General Submittal Requirements**

*Replace this section with the following*

On projects where the Architect of Record and/or Engineer of Record is a Consultant to the Department, and unless otherwise directed at the project's preconstruction conference, the Contractor shall submit shop drawings electronically to the Consultant utilizing ProjectSolve. On projects where the Department is the Architect of Record and/or Engineer of Record, the Contractor shall submit shop drawings electronically to the Department utilizing ProjectSolve. All drawings shall be on sheets not larger than 11" x 17". The Contractor's letter of transmittal shall accompany the drawings. The Resident Engineer will be notified, through ProjectSolve.

*Delete the Modification for Non-Conventional Project after paragraph 1*

### **28.6.2 Requirements for Department EOR**

*Replace this section with the following*

On projects where the Architect of Record/Engineer of Record is Department's in-house staff, submittals shall be transmitted to the Department's Shop Drawing Review Office or as directed at the project's preconstruction conference. The Department's Shop Drawing Review Office is the principal contact group and "clearing house" for all construction submittals and information desired by the Contractor regarding structural, mechanical, electrical items and/or vertical elements.

### **28.6.3 Requirements for Consultant EOR (Full Services)**

***Replace paragraph 1 with the following***

On projects where the Architect of Record and/or Engineer of Record is a Consultant to the Department and has been retained by the Department to review construction items, submittals (unless otherwise noted below) shall be submitted by the Contractor directly to the Consultant. Upon receipt of the submittal, the Consultant shall perform the review, note any comments directly on the sheets utilizing Adobe Professional indicate his dispositions by electronically stamping the sheets as described hereinafter and, finally route the shop drawing, electronically to the Department's Shop Drawing Review Office for review and distribution.

When submittals require a Specialty Engineer, Architect of Record/Engineer of Record shall verify the Contractor has properly scanned the shop drawing and the seal is legible in the image. As the Architect of Record/Engineer of Record, when reviewing signed and sealed calculations and shop drawings, it is acceptable to incorporate the code disposition stamp on the cover sheet of the calculations. Each sheet of the shop drawings much be stamped by the Architect of Record and/or Engineer of Record.

***Add the following paragraphs***

Architect of Record and/or Engineer of Record is responsible for reviewing the Contractor's Shop Drawing/Submittal Item List, to ensure verification for its technical components per the Design Plans. Reference ***Exhibit 28-B***.

Architect of Record and/or Engineer of Record receives the shop drawing from the Contractor, electronically, through Construction management's website, ProjectSolve.

It is the responsibility of the Architect of Record and/or Engineer of Record to ensure that the Contractor has submitted the shop drawing/submittal as outlined herewith in this chapter. If the shop drawing/submittals have not been submitted in complete format, the Architect of Record and/or Engineer of Record shall coordinate with the Resident Engineer and/or Contractor. Architect of Record and/or Engineer of Record to make determination, based on coordination, if Contractor needs to resubmit. Architect of Record and/or Engineer of Record shall coordinate with Department's Shop Drawing Review Office, to close out shop drawing and request resubmittal.

If it is determined that a submittal is a Pre-Qualified item, a QPL item or product that that should be reviewed by the Resident Engineer, Architect of Record and/or Engineer of Record shall coordinate with the Resident Engineer. If it is determined that submission requires Resident Engineer review, Architect of Record and/or Engineer of Record shall contact the Department's Shop Drawing Review Office in order to modify the ProjectSolve System for proper routing electronically.

Architect of Record and/or Engineer of Record reviews the shop drawing and implements their comments in red, stamps every sheet of the submitted with their disposition; "APPROVED", "APPROVED AS NOTED", "RESUBMIT" OR "NOT APPROVED", include initials and date.

Any additional comments may be added where they apply, under the stamp or in an attached Memorandum.

As the Architect of Record and/or Engineer of Record, when reviewing signed and sealed calculations and shop drawings, it is acceptable to incorporate the disposition stamp on the cover sheet of the calculations. Each sheet of the shop drawings must be stamped by the Architect of Record and/or Engineer of Record. In addition, Architect of Record and/or Engineer of Record shall verify the Contractor has properly scanned the drawing and the seal is legible in the image. If not, Architect of Record and/or Engineer of Record shall coordinate accordingly with the Contractor and determine if the submission requires to be resubmitted, if Contractor cannot acquire legible copy in reasonable amount of time. Architect of Record and/or Engineer of Record shall coordinate with the Department as to their decision.

If shop drawing/submittal consists of samples, Architect of Record and/or Engineer of Record incorporates their disposition stamp. If physical samples are provided by the Contractor, once Architect of Record and/or Engineer of Record has reviewed and stamped, all original samples shall be provided to the Department's Shop Drawing Review Office (via overnight courier), unless specific instructions have been provided. Color should be either to match existing, or if the Architect of Record and/or Engineer of Record is responsible for choosing the color, it should be noted.

Architect of Record and/or Engineer of Record shall notify the Florida's Turnpike Enterprise Production Project Manager if shop drawing submissions deviate from contract requirements.

Once the Architect of Record and/or Engineer of Record has completed their review, it submitted through ProjectSolve to the Department's Shop Drawing Review Office for final processing back to the Contractor. (Refer to *Exhibit 28-A*).

### **28.6.3.1 Review by Engineer of Record of Record Only**

*Replace this section with the following*

Refer to Section 28.6.3 for Architect of Record and/or Engineer of Record's requirements. On projects where the Architect of Record and/or Engineer of Record is a Consultant to the Department and has been retained by the Department to review construction items without follow-up review by the Department, the Consultant will assume the responsibility of the owner's agent. The reviewing consultant is encouraged to communicate with fabricators, contractors, specialty engineers and the Department's Review Office Responsible Lead Reviewer (refer to *Exhibit 28-D*) to clarify concerns before returning the submittal to the Contractor. The reviewing Consultant shall also contact the Department's Review Office if unsure of the Department's position on certain issues during the review. Submittals should not be stamped "RESUBMIT" if "APPROVED AS NOTED" will suffice. Submittals (unless otherwise noted below) shall have been submitted by the Contractor directly to the Consultant. Upon receipt of the submittal, the Consultant shall perform the review, note any comments on the sheets, indicate disposition by stamping the sheets as described hereinafter and electronically

submit shop drawings back to the Department's Shop Drawing Review Office through ProjectSolve, for final processing back to Contractor.

### **28.6.3.2 Review by Engineer of Record and the Department**

*Replace the whole section with the following*

On projects where the Architect of Record and/or Engineer of Record is a Consultant to the Department and has been retained by the Department to review construction items, submittals (unless otherwise noted below) shall have been submitted by the Contractor directly to the Consultant through ProjectSolve. Upon receipt of the submittal, the Consultant shall perform the review, note any comments directly on the sheets, indicate the disposition by stamping the sheets and, submit to the Department's Shop Drawing Review Office via ProjectSolve.

The Department will continue to overview those shop drawings which are deemed "Critical" (ADA or Life Safety elements). A project specific list of "Critical" shop drawings will be developed by the Department. Upon review of these shop drawings, the Department's reviewer will indicate the disposition by stamping the sheets, sign and date shop drawing. (Refer to *Exhibit 28-B*).

<b>Modification for Non-Conventional Project:</b>
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Delete the above paragraph and replace with the following:
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The Department will overview all shop drawings. Upon review of these shop drawings, the Department's reviewer will indicate the disposition by stamping the sheets, sign and date shop drawing.
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### **28.6.5 Requirements for Architectural or Building Structures**

*Replace this section with the following*

Shop drawings/submittals related to architectural or building structures shall follow the standard Florida's Turnpike Enterprise Shop Drawing Process as required within this chapter.

### **28.6.6 Requirements for Roadway Submittal Items**

*Replace with the following paragraph*

Shop drawings/submittals related to roadway plans such as lighting, attenuators, non-standard drainage structures, retained earth wall systems, etc. (except bridge items such as poles, bracket arms, or as noted below) shall be distributed in accordance to the Construction Project Administration Manual, (Topic No. 700-000-000 for the component involved or as otherwise directed at the preconstruction conference. Submittals related to bridge items shall have been submitted as required within this chapter.

### **28.6.8 Miscellaneous Requirements and Assistance**

*Replace with the following*

For items not specified above or for which questions may arise as to submittal requirements, the Contractor should be advised to contact the Resident Engineer or the appropriate Department Review Office.

## 28.7 Disposition of Submittals

*Replace paragraph 1 with the following*

The approval or disapproval of submittals by the Architect of Record and/or Engineer of Record shall be indicated by one of the following designations: “APPROVED” (no further action required), “APPROVED AS NOTED”, (make corrections noted – not further submittal required), “RESUBMIT”, (make corrections noted and resubmit for approval), or “NOT APPROVED” (rejected – do not resubmit the concept or component as submitted).

*Add the following after paragraph 1*

The approval or disapproval of submittals by the Department shall be indicated by one of the following designations: “REVIEWED”, (approved - no further action required), “FURNISH AS NOTED”, (approved as noted – make corrections noted – no further action required), “FURNISH AS NOTED/SUBMIT SPECIFIC ITEM”, (approved as noted – approval is contingent upon submission of additional information for review and approval), “REJECTED”, (not approved – do not resubmit the concept or component as submitted), “REJECTED/SUBMIT SPECIFIC ITEM”, (not approved – submit additional information for review and approval), “REVISE/RESUBMIT”, (resubmit with corrections), “NOT REVIEWED”, (no review required), “SUBMIT SPECIFIC ITEM”, (submit additional information for review and approval), “NOT REVIEWED/SUBMIT SPECIFIC ITEM”, (not reviewed, submit additional information for proper review and approval).

*Replace the following (Modification for Non-Conventional Project) after paragraph 2*

Modification for Non-Conventional Project:
Delete the above paragraph and replace with the following:
<p>The approval or disapproval of submittals by the Architect of Record and/or Engineer of Record shall be indicated by one of the following designations: “APPROVED” (no further action required), “APPROVED AS NOTED” (make corrections noted – no further submittal required), “RESUBMIT” (make corrections and resubmit for approval), or “NOT APPROVED” (Rejected – Do not resubmit the concept or component as submitted). Only shop drawings that have been “APPROVED”, or “APPROVED AS NOTED” shall be submitted to the Department, for review.</p> <p>Upon completion of the Department’s review, the Department submits the shop drawing to the Resident Engineer who shall stamp the drawings, electronically, “RELEASE FOR CONSTRUCTION”, “RELEASE FOR CONSTRUCTION AS NOTED”. Shop drawings which are stamped “RESUBMIT”, by the Architect of Record and/or Engineer of Record, will not be routed to the Resident Engineer for stamping.</p>

***Replace paragraph 4 with the following***

When a submittal contains deviations from the Contract Plans and Specifications, the consultant shall contact Florida's Turnpike Enterprise Project Manager, who will coordinate with the Construction Project Manager and shall determine as to whether or not a Supplemental Agreement or Cost Savings Initiative Proposal (CSIP) is required. If either procedure is required to be initiated, the shop drawing shall not be reviewed until a decision is finalized.

***Replace paragraph 13 with the following***

When the Department concurs with Architect of Record's and/or Engineer of Record's review and disposition of the submittal, the Department will stamp and process the submittal back to the Contractor. Should the Department's review and/or disposition of the submittal differ from that of the Architect of Record and/or Engineer of Record, the final disposition of the submittal will be resolved in accordance with the following procedures:

***Replace the following (Modification for Non-Conventional Project) after paragraph 13***

Modification for Non-Conventional Project:
Delete the above paragraph and replace with the following:
<i>Exhibit 28-C</i> shows the submittal and distributional flow of a shop drawing. When the Department concurs with the Design-Build Firm's Architect of Record/Engineer of Record review and disposition of the submittal, the Department will stamp and distribute the submittal. Should the Department's review and/or disposition of the submittal differ from that of the Design-Build Firm's Architect of Record/Engineer of Record, the final disposition of the submittal will be resolved in accordance with the following procedures:

## **28.9 Distribution of Submittals**

***Replace paragraph 1 and Table 28.3 with the following***

Refer to *Exhibit 28-A* for routing of a Shop Drawing with the use of ProjectSolve.

***Replace paragraph 2 with the following***

When precast/prestressed concrete components are involved, the Department's District Prestress Engineer is furnished an electronic copy. When structural steel components are involved, the Department's Assigned Commercial Inspection Agency (ACIA) is furnished an electronic copy. When mechanical/electrical components of movable bridges are involved, the Mechanical/Electrical Section of the State Structures Design Office (SSDO) is furnished an electronic copy.

***Replace paragraph 4 with the following***

When approval of a submittal is denied (“Resubmit” or “Not Approved”), distribution of the submittal from the Contractor, shall be made to the Department’s Shop Drawing Review Office and processed through ProjectSolve, when only the Department is reviewing shop drawings. Shop Drawing is processed back to Contractor, Resident Engineer is also notified through ProjectSolve.

<b>Modification for Non-Conventional Project:</b>
Delete the above paragraph and replace with the following:
Refer to <b><i>Exhibit 28-C</i></b> which shows the submittal and shop drawing flow diagram for Design-Build Projects.

*Add the following after last paragraph*

The Contractor shall be responsible for transmitting a copy of the returned submittal to the appropriate subcontractor, specialty engineer or fabricator.

## **28.11 Submittal Activity Record (Logbook)**

*Replace paragraph 1 with the following*

The Department’s Shop Drawing Review Office is the Final Review Office and maintains the Submittal Activity Record (Logbook), through Construction Management’s website ProjectSolve. A log is maintained for each project where shop drawings are submitted and maintained on a daily basis.

The following minimum data shall be entered on the Shop Drawing Module Page in ProjectSolve:

1. Financial Project ID
2. Contract Number
3. Roadway Division/Specification Section
4. Florida’s Turnpike Enterprise Shop Drawing Number
5. Description of Shop Drawing Entry
6. Architect of Record and/or Engineer of Record Submittal Number
7. Contractor Submittal Number
8. Date Submitted by Contractor to the Architect of Record and/or Engineer of Record
9. Date Submitted by Architect of Record and/or Engineer of Record to the Department’s Shop Drawing Review Office
10. Date Distributed by the Final Review Office to the Contractor
11. Architect of Record and/or Engineer of Record Disposition
12. Florida’s Turnpike Enterprise Disposition

*Add the following section*

### **28.11.1 Shop Drawing Website**

Shop Drawings can be tracked daily by utilizing ProjectSolve. The purpose of ProjectSolve is to provide the Contractor, Resident Engineer, Architect of Record and/or Engineer of Record, Project Managers, Construction Managers and Turnpike Management with up-to-date information/latest status of the Construction Project, whether it be related to shop drawings, RFIs, correspondence or MOT Lane Closure Notifications for every ongoing/active construction contract. It will serve as a tracking tool for project related documents and assist in expediting the construction process.

In addition, shop drawings will assist Florida's Turnpike Enterprise Maintenance Department in future repair and/or replacement of equipment.

Visit the following website for Florida's Turnpike Enterprise general shop drawing requirements, guidelines and other helpful data.

[http://design.floridasturnpike.com/prod\\_design/shopdrawings/shopdrawings.html](http://design.floridasturnpike.com/prod_design/shopdrawings/shopdrawings.html)

## **28.12 Archiving Record Shop Drawings**

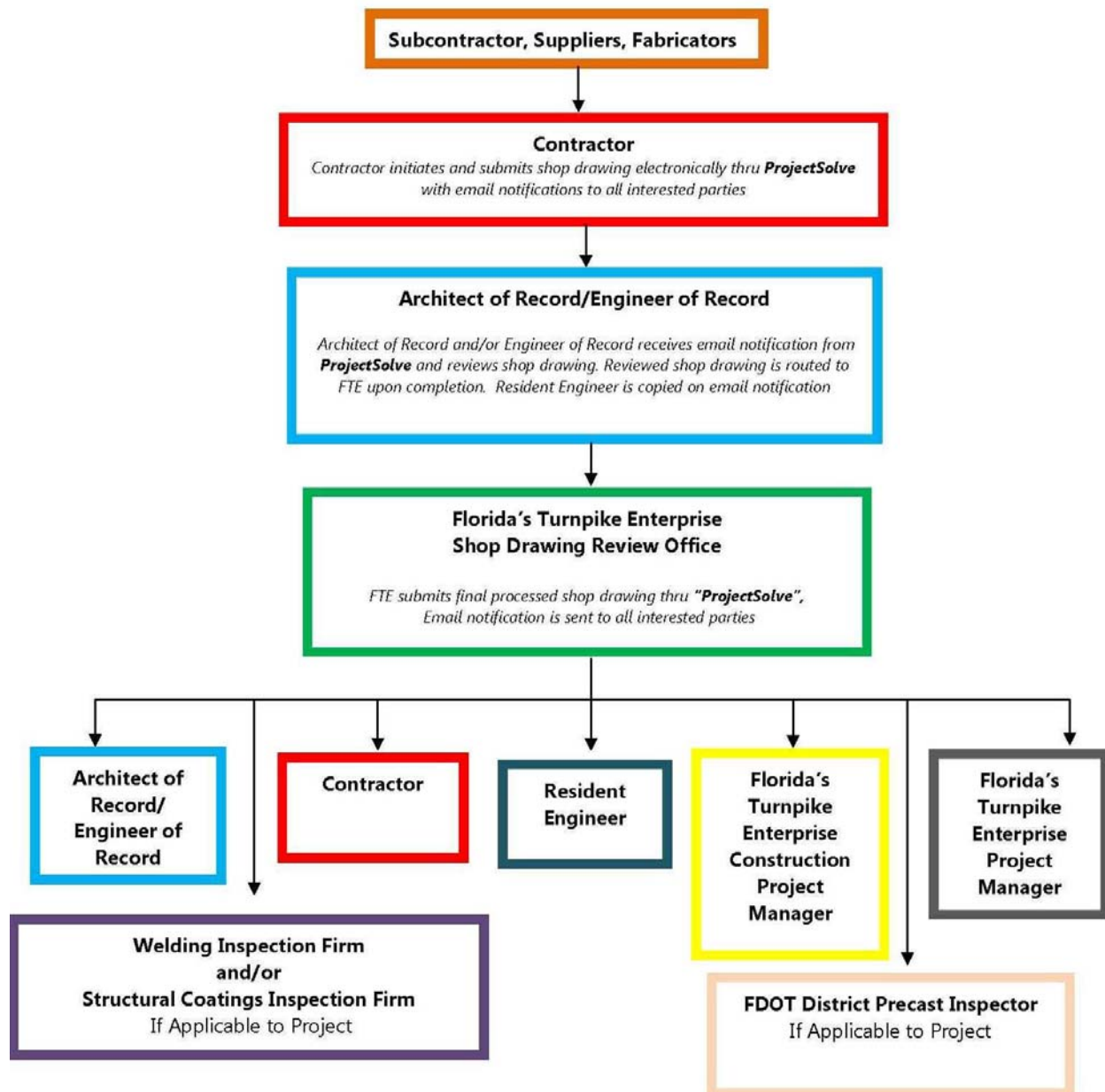
*Replace this section with the following paragraphs*

Prior to project completion, the Resident Engineer shall coordinate with the Department's Shop Drawing Review Office to coordinate and/or verify resolution to all shop drawing submissions. If not, the Shop Drawing Review Office will request the Resident Engineer to provide clarification of resolution.

Upon completion and acceptance of the construction project by the Department (usually by receipt of a written Notice of Acceptance), the Department's Shop Drawing Review Office imports the shop drawings into the EDMS System. The Submittal Activity Record Logbook (Shop Drawing Status Report generated by ProjectSolve) and the Final Acceptance Letter is also imported into the system.

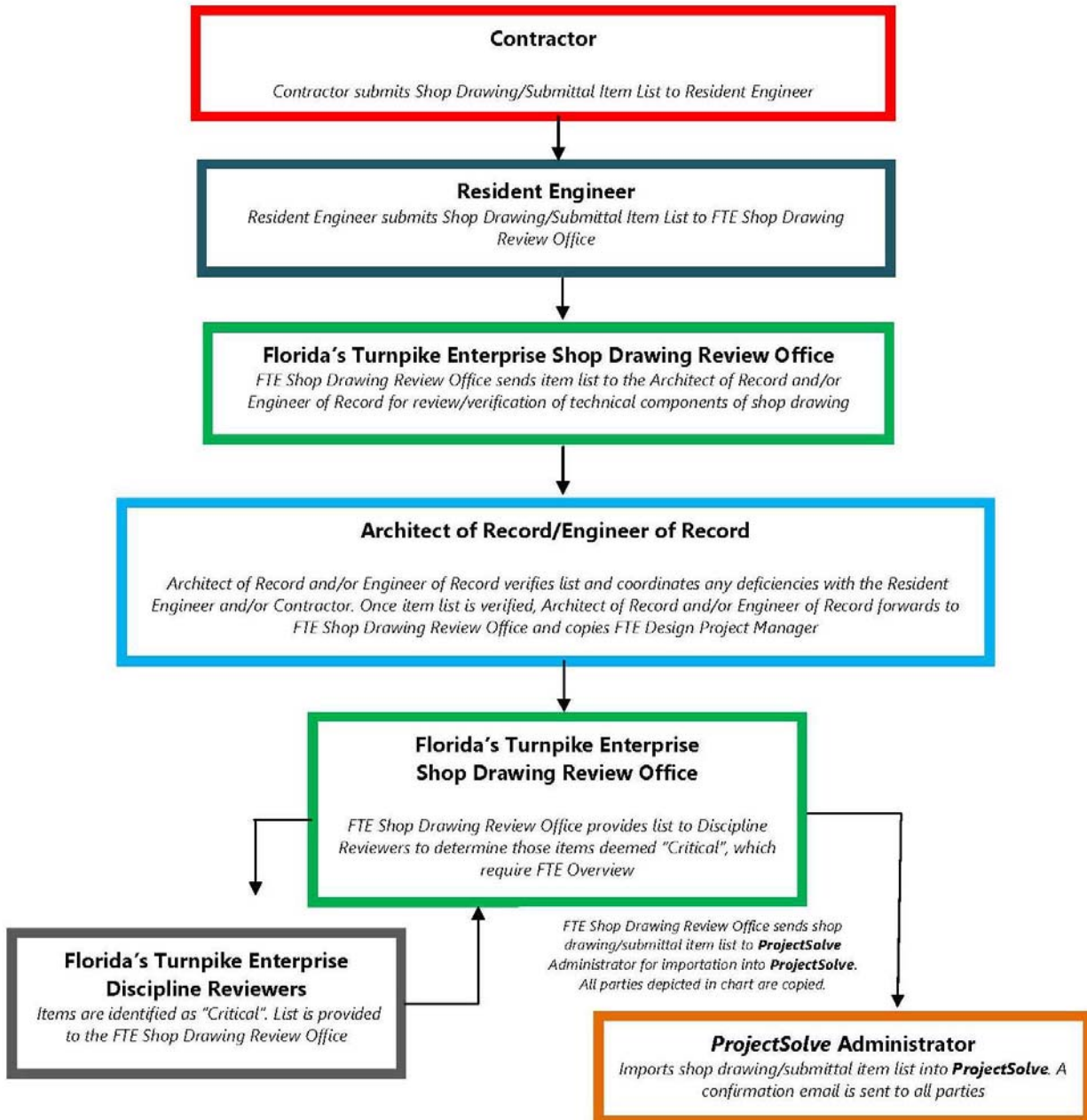
*Replace the following exhibit*

**Exhibit 28-A**  
**Florida's Turnpike Enterprise Shop Drawing/Submittal**  
**Routing Chart for Design Bid Build (Conventional) Projects**



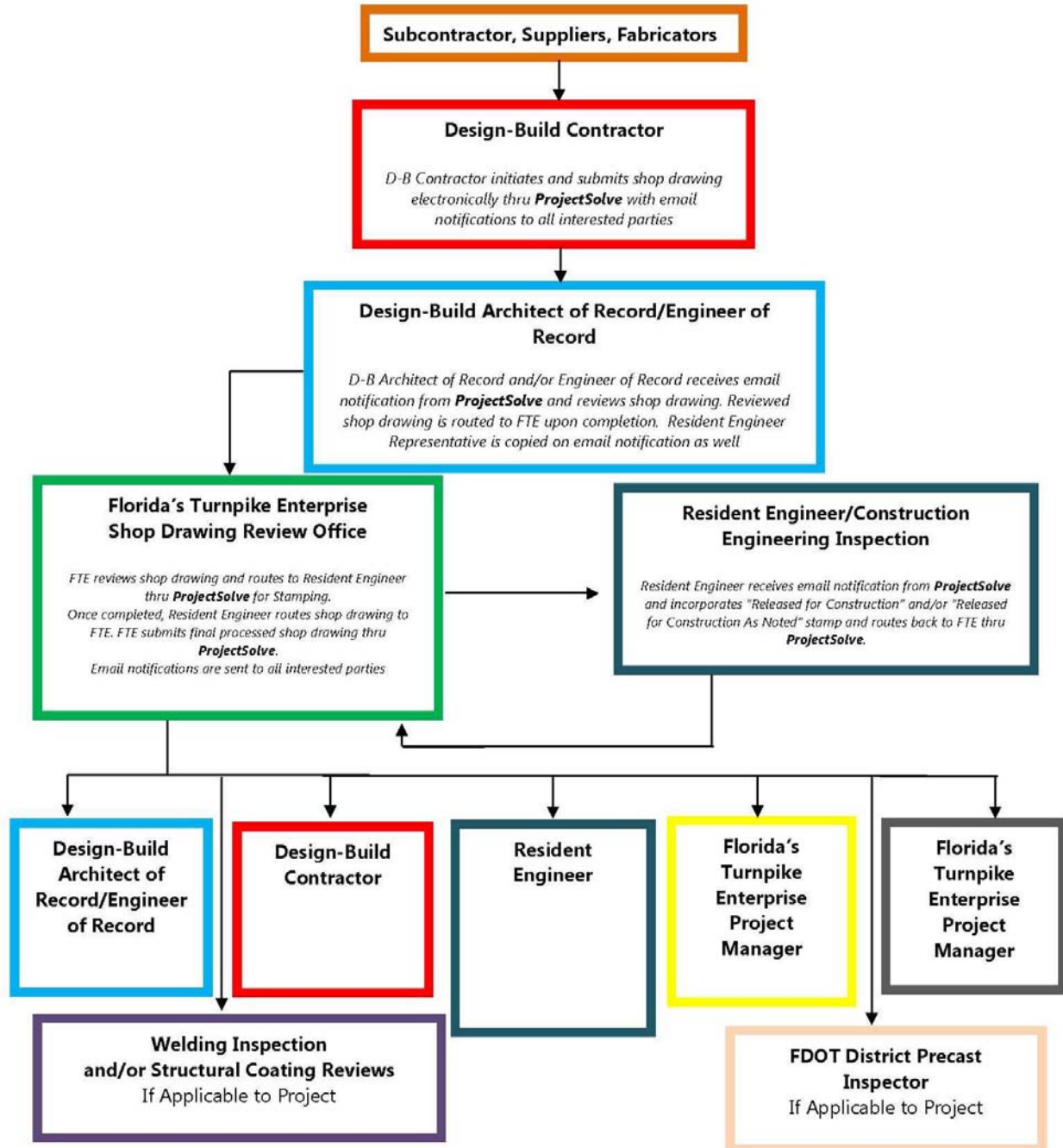
*Replace the following exhibit*

**Exhibit 28-B**  
**Flow Chart for Shop Drawing/Submittal Item List – Review**  
**Coordination for Design Bid Build (Conventional) Projects**



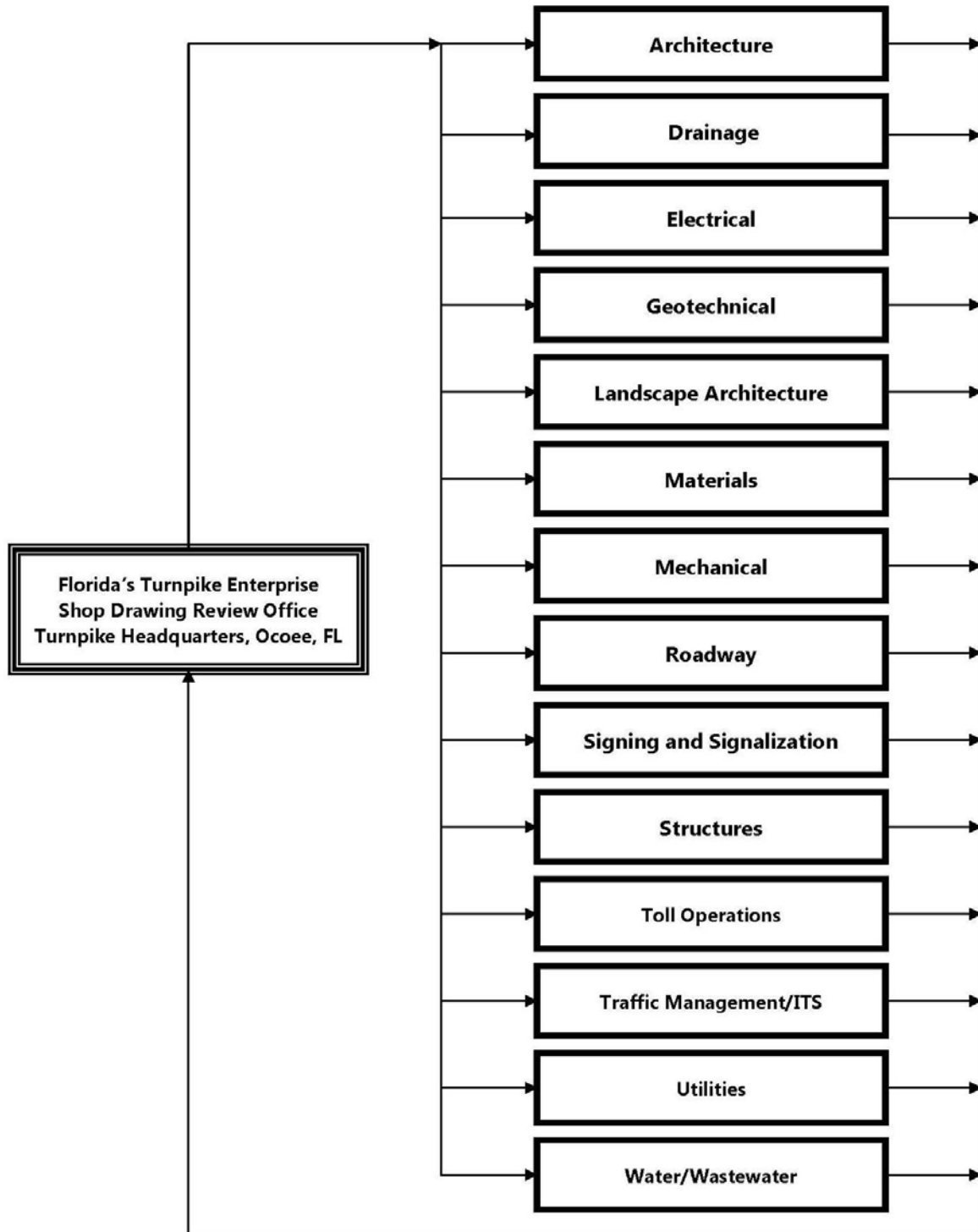
*Replace the following exhibit*

**Exhibit 28-C**  
**Shop Drawing/Submittal Routing Chart for**  
**Design Build (Non-Conventional) Projects**



*Replace the following exhibit*

**Exhibit 28-D**  
**Shop Drawing Review Office - Department's**  
**Review Office Distribution Chart**



*Delete the following exhibit*

**Exhibit 28-E**