# 907 RFP Concept Plans

## 907.1 General

This chapter provides minimum requirements for the development of Request for Proposal (RFP) Concept Plans that are included as an Attachment to RFP. The requirements of this chapter must be met for Adjusted Score Design-Build Projects and Low Bid Design-Build Projects.

The requirements provided in the ***FDM 900 Series*** and the ***CADD Manual*** form the basis for format and assembly of the plans.

Additional information regarding the Design-Build contracting method can be found at: ***https://www.fdot.gov/construction/designbuild/design-build.shtm***.

For projects that include (or may involve) FDOT toll facilities, evaluate potential toll-related impacts early in project development, including toll site presence, express lane operations, and infrastructure conflicts. Coordinate the design with the Turnpike.

## 907.2 Index of RFP Concept Plans

Place an index of sheets on the left side of the Key Sheet. Assemble the RFP Concept Plans in the following order:

(1) Key Sheet (see ***Exhibit 907-1***)
(2) Drainage Map
(3) Typical Section Details
(4) Model Management
(5) Project Control
(6) Roadway Plan-Profile
(7) Stormwater Management Facilities
(8) Soil Survey
(9) Report of Core Borings
(10) Selective Clearing and Grubbing
(11) Mitigation Plan
(12) Traffic Plan (Signing and Pavement Marking, Signalization, ITS, Lighting)
(13) Landscape Plan

(14) Architectural Plan

(15) Structures Plan

(16) Utility Work by Highway Contractor

## 907.3 RFP Concept Plans Development

***Table 907.3.1*** provides the minimum information that is to be shown on each sheet of the RFP Concept Plans. Written approval is required from the District Construction Engineer and the Chief Engineer when deviating from the minimum information set forth in ***Table 907.3.1***.

Consider exceeding the minimum level of completion for higher risk elements.

**Table 907.3.1 RFP Concept Plans Development**

| SHEET / CONTENT |
|---|
| **KEY SHEET** |
| Financial Project IDs |
| (Federal Funds) notation, if applicable |
| County Name and State Road |
| Fiscal Year and sheet number |
| Consultant’s name, address, and contract number, if applicable |
| Department Project Manager's name |
| List of Component Plan Sets |
| Project Location Map (if Lead Key Sheet) and Work Limits |
| Index of Sheets including Developmental Standard Plans (when required in RFP) |
| Contract plans and component plans list (lead component only) |

**Table 907.3.1 RFP Concept Plans Development (cont.)**

| SHEET / CONTENT |
|---|
| **DRAINAGE MAP** |
| Photographic (aerial) base map |
| Centerline of construction or baseline of survey and stationing |
| North arrow and scale |
| Street names and R/W lines |
| Begin & end of project stations |
| Begin & end of bridges stations |
| Drainage areas and flow directions |
| Drainage divides and ground elevations |
| Highwater information |
| Existing structures and pipes with relevant information |
| State, federal, and county highway numbers |
| Label existing waterbodies (e.g., lakes, rivers) |
| Proposed drainage structures with structure numbers |
| Proposed cross drains with pipe sizes and structure numbers |
| Flow arrows along proposed ditches |
| Retention and detention ponds, pond number and area size |
| Bridges and bridge culverts with begin & end stations |
| Flood Data Summary (if applicable) |
| **TYPICAL SECTION DETAILS** |
| Project-specific details |
| **MODEL MANAGEMENT** |
| Proposed roadway design and R/W Lines |
| Baselines |
| Model information |
| **PROJECT CONTROL** |
| Benchmarks, Reference Points, Control Points |

**Table 907.3.1 RFP Concept Plans Development (cont.)**

| SHEET / CONTENT |
|---|
| **ROADWAY PLAN-PROFILE** |
| **Plan View** |
| Existing topography including utilities |
| North arrow and scale |
| Centerline of construction or baseline of survey |
| Equations and exceptions |
| Curve data |
| Existing R/W lines |
| Begin & end project stations |
| Begin & end bridge stations |
| Proposed drainage structures with pipes |
| Proposed R/W lines |
| Proposed side drain pipes |
| Proposed geometrics |
| Limits of wetlands |
| **Profile View** |
| Scale |
| Equations |
| Existing ground line |
| Begin & end project stations |
| Begin & end bridge stations |
| Highwater elevations |
| Final profile grades and vertical curve data |
| Nonstandard superelevation transition details |
| Highwater elevations |

**Table 907.3.1 RFP Concept Plans Development (cont.)**

| SHEET / CONTENT |
|---|
| **STORMWATER MANAGEMENT FACILITIES** |
| North arrow and scale |
| Centerline of construction or baseline of survey |
| Existing topography, drainage structures, and utilities |
| R/W lines |
| Soil boring locations |
| Fence and gate locations |
| Drainage structures with structure and pipe labeling |
| Stormwater management facility delineation with side slopes, dimensions, and elevations |
| Stormwater management facility section views |
| Outlet structure details and notes |
| 100-year floodplain boundaries and elevations |
| Contamination sites, delineated wetlands, and sinkholes and depressions |
| **SOIL SURVEY & REPORT OF CORE BORINGS** |
| Soil data |

**Table 907.3.1 RFP Concept Plans Development (cont.)**

| SHEET / CONTENT |
|---|
| **TEMPORARY TRAFFIC CONTROL PLAN** |
| Typical section for each phase |
| Description of the phasing sequence and work involved |
| Other worksheets as necessary to convey concept and scope |
| Detour plans with off-site detour routing |
| **UTILITY ADJUSTMENTS** |
| All existing utilities highlighted with dispositions |
| Develop conflict matrix |
| General Notes sheet including any work restrictions stipulated by UAOs and limitations on relocations, protections, or adjustments |
| Verified utility locations (SUE data) |
| **SELECTIVE CLEARING AND GRUBBING** |
| Existing vegetation to be protected, relocated, or removed |
| Project-specific notes and details |
| **MITIGATION PLANS** |
| Project-specific |
| **TRAFFIC PLAN** |
| North arrow and scale |
| Basic roadway geometrics |
| Begin & end stations and exceptions |
| Station equations |
| Conflicting utilities, lighting, and drainage |
| Guide sign locations with panel legends depicted |
| Pavement markings including stop bars and crosswalks |
| Signal pole locations shown at correct station location and offset |
| Signal head locations |
| ITS device locations shown at correct station location and offset |
| Light pole symbols shown at correct station location and offset |
| **LANDSCAPE PLAN** |
| Contents are project-specific |
| **ARCHITECTURAL PLAN** |
| Contents are project-specific |

**Table 907.3.1 RFP Concept Plans Development (cont.)**

| SHEET / CONTENT |
|---|
| **STRUCTURES PLAN** |
| Plan and Elevation |
| Substructures:<br>For end bents, piers, or intermediate bents, show substructure elements and sizes including all deviations from the typical dimensions, foundation type including element spacing and the arrangement of piles or drilled shafts |
| Superstructure:<br>Include cross section showing lanes, shoulders, railings, slab thickness, beam type and spacing and web depth for steel girders. If applicable, show geometric changes in shapes of various components. Also show construction phases and maintenance of traffic data, outline of the existing structure and portions to be removed, and utilities (existing and proposed as available) |
| Retaining walls:<br>1) Submit preliminary control drawings when proprietary or standard cast-in-place walls are proposed<br>2) Control drawings for critical temporary walls |
| Bridge Hydraulics Recommendation Sheet |
| Report of core borings |
| Proposed construction sequence and methods indicate construction easements and methods of construction access |
| Aesthetic details |
| Post-tensioning layouts |
| Foundation layouts and pile/shaft data table |
| Sidewalks: If provided, show preliminary accessible elements |
| Special details required by the Engineer or details which are not normally used on Department projects |
| **UTILITY WORK BY HIGHWAY CONTRACTOR** |
| Key Sheet |
| Mainline plan-profile showing proposed utility horizontal and vertical locations |
| Summary of Quantities Sheet |

## 907.4 RFP Concept Plans Delivery

After the RFP Concept Plans have been reviewed, District comments addressed, and plans updated, submit the following:

(1) Final RFP Concept Plans

(2) CADD.zip file

(3) Typical Section Package

(4) Toll Siting Technical Memorandum (TSTM) in accordance with ***FDM 280*** (when applicable)

## INDEX OF RFP CONCEPT PLANS

| SHEET NO. | SHEET DESCRIPTION |
|---|---|
| 1 | KEY SHEET |
| 2 | DRAINAGE MAP |
| 3 | TYPICAL SECTION DETAILS |
| 4 | MODEL MANAGEMENT |
| 5 - 6 | PROJECT CONTROL |
| 7 | ROADWAY PLAN-PROFILE |
| 8 - 10 | STORMWATER MANAGEMENT FACILITIES |
| 11 | SOIL SURVEY |
| 12 - 14 | REPORT OF CORE BORINGS |
| 15 - 16 | SELECTIVE CLEARING AND GRUBBING |
| 17 | MITIGATION PLAN |
| 18 | TRAFFIC PLAN (SIGNING AND PAVEMENT MARKING, SIGNALIZATION, ITS, LIGHTING) |
| 19 - 26 | LANDSCAPE PLAN |
| 27 - 32 | ARCHITECTURAL PLAN |
| 33 - 36 | STRUCTURES PLAN |
| 37 - 40 | UTILITY WORK BY HIGHWAY CONTRACTOR |

# STATE OF FLORIDA
# DEPARTMENT OF TRANSPORTATION

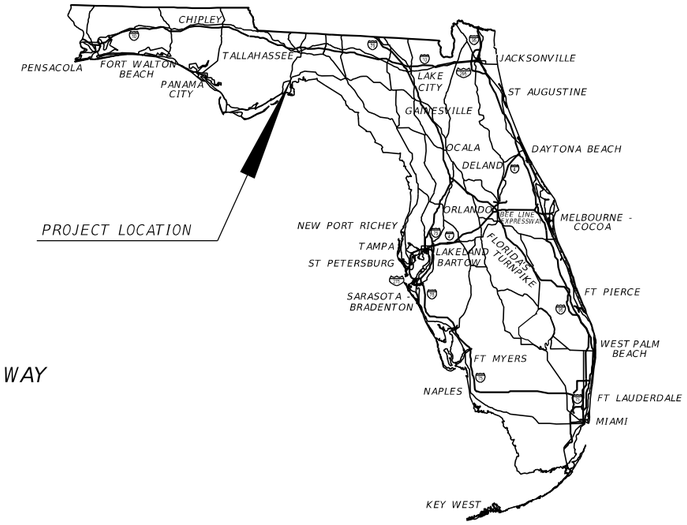
# RFP CONCEPT PLANS

## FINANCIAL PROJECT ID 123456-1-52-01

## WAKULLA COUNTY (59010000)

### STATE ROAD NO. 61 (US 319)

### MISCELLANEOUS CONSTRUCTION FROM SR 30 (US 98) TO NORTH OF ALASKA WAY



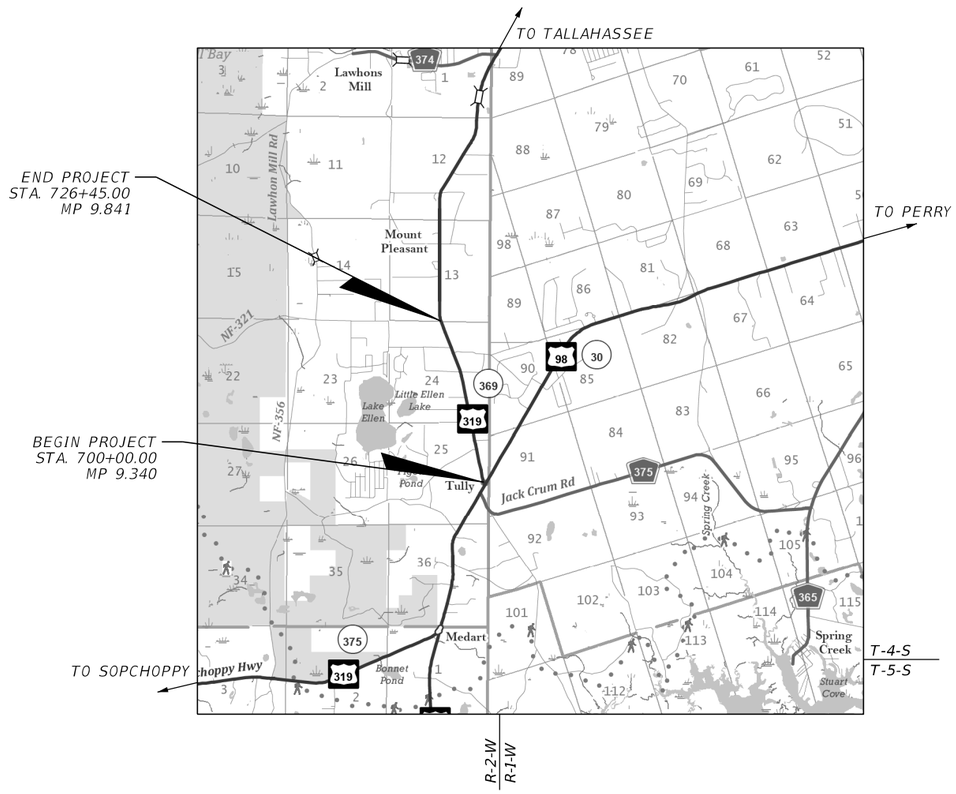




Exhibit 907-1
RFP Concept Plans
Date: 1/1/2027

RFP CONCEPT PLANS
DEVELOPED BY:


JOE ENGINEER, P.E.
P.E. LICENSE NUMBER 12345
FLORIDA ENGINEERING, LLC.
PO BOX 125
ANYTOWN, FL 12345
850-123-4567
CONTRACT NO.: C0000
VENDOR NO.: 99-999999


FDOT PROJECT MANAGER:

JOHN SMITH, P.E.

| FISCAL YEAR | SHEET NO. |
|---|---|
| 27 | 1 |

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.