Section Details

Section 6
Section 6 - West

- Design Build
- Elevated Parkway
- Parallel, Non-tolled Service Road
- Access Roads
- Multi-use Trail
Section 6 – East

- Wildlife Bridges: 7,700 Feet
- Service Road Shifts to South Side
- New Wekiva River Bridge – Higher Profile
**Wekiva River Bridges**

- 3 Bridges
- Design: Multi-Level Agency Coordination
- National Wild & Scenic Rivers Act [Section 7(a)]
- Segmental Box Structures
- Pier Aesthetics: Concrete Forms
- Minimizes Contrast to Natural Surroundings
Wekiva River Bridges – Additional Details

Special Requirements - Documented in Section 7(a):
- Segmental Bridges Required
- Aesthetics & Special Bridge Requirements
- Top-Down Construction
- Minimize Environmental Impacts
- Maintain Recreational Value of River During Construction
- Restore Vegetation
- Limit Impacts to “Island”
- Avoid Trees

Construction Requirements:
- Cut Off Existing Bridge Piles Below Grade
- Enhanced Turbidity & Erosion Control
- Tight Envelope for Bridge Construction
Wekiva River Bridge - Layout

- Existing Bridge Removal
- New Bridge: 60-foot High
- 2,068 Linear Feet
- More Safe Wildlife Passage
- Enhanced River User Experience

Proposed Bridge Layout
New span configuration with additional bridge spans on east end
Wekiva River Bridge - Cross Sections

- Three Bridges
- Six-Lane Ultimate
- Four-Lane Initial
- Arched Box Structure
- Construction: Top Down
Section 6 – Additional Details

Environmental Requirements:
- Embankment Removal: Restore Grade & Vegetation
- Some Gopher Tortoise Relocations Allowed On-site
- No Contact with NPS During Procurement (section 7(a))

Retention / Water Quality:
- Design: Wekiva River Adopted TMDLs (Nitrogen & Phosphorus)
- SJRWMD: Wekiva River - Designated Special Protected Hydrologic Basin (Additional Permitting Requirements)
- Shallow Retention Areas Allowed Under Certain Wildlife Bridges
- Pond: Nutrient Removal Filter System with Biosorption Activated Media (BAM) to Meet TMDL Criteria

Utility Coordination:
- FGT Relocations: Accommodate During Construction

• Eagle Nest (Protections)
• Minor Utility Impacts
Section 6 – Additional Details

• Potential Concrete Pavement Under Some SR 46 sections
• Relic Sinkhole just east of Wildlife Crossing #1
• Existing traffic signal at west end of project to be removed
• Existing lighting at interchange to be removed (underdeck to remain)

Sections 5 & 7A Coordination:
• Must Align MOT Phases  • Stormwater Treatment Overlap
• (7A)
Section 6 – Procurement Schedule

- Design-Build Ad: May 2, 2016
- Design-Build ELOI Due: June 17, 2016
- CEI Ad: June 20, 2016
- Mandatory Pre-Proposal Meeting: July 19, 2016
- Aesthetics Initial Submission: Sept. 16, 2016
- Aesthetics Final Submission: Oct. 6, 2016
- Technical Proposal Due: Oct. 12, 2016
- Open Design-Build Bids: Jan. 18, 2017
- Final Selection: Jan. 24, 2017
TYPICAL SEGMENT DIMENSIONS
(NORTHBOUND AND SOUTHBOUND)

WEKIVA PARKWAY (SECTION 6) FROM WEST OF OLD MCDONALD ROAD TO EAST OF OSPREY HAMMOCK TRAIL

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