

TRANSPORTATION

Appendix 21-A5

Planned and Programmed Improvements

FDOT Work Program 2007 – 2011 Adopted

SJC Capital Improvement Bonded Project List Update (7/12/06)

Florida Department of Transportation Work Program

2007-2011 ADOPTED
Last Update: 8/4/2006 - 03:00 AM

District 2 - ST. JOHNS County

Category: **Highways**
Phase: **Construction**
Item Number: **210286-5**

Transportation System Description	District	Length			Type of Work		Item
		2007	2008	2009	2010	2011	
Category: Highways							
Non-intrastate Off State Highw RR PARRELL TO SR 207 FROM NE OF CR305 TO MP 9.549	02 - St. Johns County		0.249 Miles		Bike Path/trail	210286-5	** SIS **
Preliminary Engineering				\$2,000			
Construction					\$610,575		
Construction Support					\$76,183		

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Florida Department of Transportation Work Program

2007-2011 ADOPTED
Last Update: 8/4/2006 - 03:00 AM

District 2 - ST. JOHNS County

Category: **Highways**
Phase: **Construction**
Item Number: **210286-4**

Transportation System Description	District	Length			Type of Work		Item
Fiscal Year:	2007	2008	2009	2010			2011

Category: Highways

Non-intrastate Off State Highw RR PARALLEL TO SR207 FROM MP 9.549 TO SW OF I-95 (MULTI-USE PATH)	02 - St. Johns County	3.251 Miles	Bike Path/trail	210286-4	** SIS **
Preliminary Engineering	\$2,000				
Construction	\$1,971,325				
Construction Support	\$73,145				

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Florida Department of Transportation Work Program

2007-2011 ADOPTED
Last Update: 8/4/2006 - 03:00 AM

District 2 - ST. JOHNS County

Category: **Highways**
Phase: **Construction**
Item Number: **210409-7**

Transportation System Description	District	Length	Type of Work	Item	
Fiscal Year:	2007	2008	2009	2010	2011

Category: Highways

Intrastate State Highway SR 207 FROM S OF CLYMER ROAD/6.6 TO EMP 7.359	02 - St. Johns County	0 Miles	Miscellaneous Construction	210409-7
Construction	\$119,348			
Construction Support	\$17,730			

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Florida Department of Transportation Work Program

2007-2011 ADOPTED
Last Update: 8/4/2006 - 03:00 AM

District 2 - ST. JOHNS County

Category: **Highways**
Phase: **Right Of Way**
Item Number: **210409-1**

Transportation System Description	District	Length		Type of Work	Item	
	Fiscal Year:	2007	2008	2009	2010	2011

Category: Highways

Intrastate State Highway SR 207 FROM SR 206 TO CR 305	02 - St. Johns County	5.746 Miles	Add Lanes & Reconstruct		210409-1	
Right Of Way (On-Going)		\$362,500				** SIS **

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Florida Department of Transportation Work Program

2007-2011 ADOPTED
Last Update: 8/4/2006 - 03:00 AM

District 2 - ST. JOHNS County

Category: **Highways**
Phase: **Construction**
Item Number: **210253-1**

Transportation System Description	District	Length		Type of Work			Item
	Fiscal Year:	2007	2008	2009	2010	2011	

Category: Highways

Intrastate State Highway SR 207 FROM CR 305 TO WEST OF I-95	02 - St. Johns County	3.736 Miles	Add Lanes & Reconstruct	210253-1	** SIS **
Right Of Way (On-Going)	\$168,338				
Construction (On-Going)	\$156,920				

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Florida Department of Transportation Work Program

2006-2011 TENTATIVE
Last Update: 3/10/2006 - 03:00 AM

District 2 - ST. JOHNS County

Category: **Highways**
Phase: **Construction**
Item Number: **210253-2**

Transportation System Description	District	Length			Type of Work		Item
Fiscal Year:	2006	2007	2008	2009	2010	2011	

Category: Highways

Intrastate State Highway SR 207 @ I-95 RAMPS .	02 - St. Johns County	0.104 Miles			Traffic Signals		210253-2 ** SIS **
Construction	\$220,785						
Construction Support	\$62,226						

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Florida Department of Transportation Work Program

2007-2011 ADOPTED
Last Update: 8/4/2006 - 03:00 AM

District 2 - ST. JOHNS County

Category: **Highways**
Phase: **Construction**
Item Number: **210285-2**

Transportation System Description	District	Length		Type of Work		Item
Fiscal Year:	2007	2008	2009	2010	2011	

Category: Highways

Non-intrastate State Highway SR 207 AT HILLTOP ROAD . Construction (On-Going)	02 - St. Johns County \$470	0.137 Miles	Traffic Signals	210285-2
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Florida Department of Transportation Work Program

2007-2011 ADOPTED
Last Update: 8/4/2006 - 03:00 AM

District 2 - ST. JOHNS County

Category: **Highways**
Phase: **Railroad & Utilites**
Item Number: **210276-3**

Transportation System Description	District	Length		Type of Work		Item
Fiscal Year:	2007	2008	2009	2010	2011	
Category: Highways						
Non-intrastate State Highway SR 206 AT. AUGUSTINE RR#271895-T Railroad & Utilites	02 - St. Johns County	0.2 Miles	Railroad Crossing			210276-3
			\$300,000			

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Florida Department of Transportation Work Program

2007-2011 ADOPTED
Last Update: 8/4/2006 - 03:00 AM

District 2 - ST. JOHNS County

Category: **Highways**
Phase: **Right Of Way**
Item Number: **210230-2**

Transportation System Description	District	Length	Type of Work				Item
			2007	2008	2009	2010	
Fiscal Year:							
Category: Highways							
Non-intrastate State Highway SR 313 FROM SR 207 TO SR 16	02 - St. Johns County	9.3 Miles		New Road Construction			210230-2
P D & E (On-Going)	\$1,290						
Right Of Way		\$24,208,140					

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Florida Department of Transportation Work Program

2007-2011 ADOPTED
Last Update: 8/4/2006 - 03:00 AM

District 2 - ST. JOHNS County

Category: **Highways**
Phase: **Preliminary Engineering**
Item Number: **210230-3**


Transportation System Description	District	Length	Type of Work			Item
Fiscal Year:	2007	2008	2009	2010	2011	

Category: Highways

Non-intrastate State Highway SR 313 FROM SR 16 TO US 1	02 - St. Johns County	5.23 Miles	New Road Construction		210230-3
P D & E (On-Going)	\$333				
Preliminary Engineering	\$1,123,835				

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Project Update List

(Updated 7/12/06)

Bond Projects

Rutile Drive Bridge Replacement – Construction 90%

Current Phases Funded: Design, Permitting, Land Acquisition and Construction Consultant /

Contractor: HDR, Inc. / Hal Jones Contracting

Project Manager: Nick Perpich

Project Scope: Replacement of existing bridge – 784035

Project Status: Construction began October 3, 2005. The bridge will remain closed for the duration of the project. Expected construction time is 10 months; concrete barrier walls, and roadway approaches.

Lake Road Bridge Replacement – Construction 50%

Current Phases Funded: Design, Permitting, Land Acquisition and Construction

Consultant / Contractor: HDR, Inc. / Hal Jones Contracting

Project Manager: Nick Perpich

Project Scope: Replacement of existing bridges – 784036

Project Status: Construction began November 1, 2005. The bridge will be built in phases (halves) and have a temporary signal at each end for one way traffic control. Expected construction time is 12 months. Traffic was switched to half of the new bridge on April 17th. Major items of work this month include: Temporary trestle and pile driving.

CR 2209 (North - South Corridor) – Preliminary Engineering 90%

Current Phases Funded: Preliminary Engineering

Consultant / Contractor: Reynolds, Smith and Hills / TBD

Project Manager: Nick Perpich

Project Scope: Determine Preferred Alignment and produce Right of Way maps. This is the next step toward completing the new North South Corridor. There are three segments in the corridor. The north segment is from CR 210 – Racetrack Road. The central segment runs from SR 16 north to CR 210. The south segment starts at CR 208 and goes north to SR 16. The focus of this phase of work will be on the central and south segments. Goals of this effort will be to create right-of-way maps to define the corridor and preliminary design.

Project Status: The Preliminary Engineering Study is complete. CR 2209 alignment was delivered to the World Commerce Center's (WCC) developer in April. The WCC is responsible to construct two lanes of CR 2209 from International Golf Parkway (IGP) to S.R. 16. Right of way maps for the South segment from S.R. 16 to CR 208 will be delivered in July of 2006.

West King St. Corridor – Segment 1 – Design 85%

Current Phases Funded: Design, Permitting and Land Acquisition

Consultant / Contractor: Prosser Hallock

Project Manager: Nick Perpich

Project Scope: Scope of Services includes Engineering Design, Right-of-Way Mapping for the

corridor from Holmes Blvd to U.S. 1. The tasks underway in this project include survey and roadway improvement design for West King St. from Holmes Blvd to N. McLaughlin St., a distance of 1 mile, and the design of the Fox Creek Regional Pond, intersection signalization at Holmes/Volusia, a pedestrian signal at Orange St., landscaping, and right of way mapping. Holmes Blvd will be reconstructed from the Railroad crossing to Murray Middle School.

Project Status: 100% design of West King and Holmes Blvd is scheduled to be completed in the summer of 2006. Right of way acquisition is progressing. The County has obtained 4 of 19 parcels and utility coordination is ongoing. The St. Johns River Water Management District permit was applied for this month.

Dirt Road Improvement Program (DRIP) – Construction 100%

Current Phase Funded: Construction

Consultant / Contractor:

Project Manager: Greg Caldwell

Project Scope: The objective of this project is to pave County maintained dirt roads.

Project Status: The project is complete for fiscal year 2006.

CR 305 Extension – Study 90%

Current Phase Funded: Modified Corridor/Preliminary Engineering Study

Consultant / Contractor: PBS&J

Project Manager: John Rasmussen

Project Scope: Corridor study from SR 206 to CR 13 for the future extension of CR 305, approximately 3.5 miles in length. Various alignments within the given corridor are being evaluated to demonstrate minimization and avoidance of wetland impacts. Preliminary right-of-way maps are to be included.

Project Status: Preliminary horizontal alignments for a 4-lane section (170-200 feet in width) have been determined, with the intent being to first construct a 2-lane section within that. The ACOE and SJRWMD have no objections to the Project. The newly-selected preferred alternative includes the realignment of CR 204 to create a straight-line transition to the future CR 305 Extension. The alignment is resulting in the need for a revised 3-way intersection for continuation of westbound SR 13 traffic; an ideal option for creating that intersection would be to eliminate an existing substandard curve on CR 204. Corresponding meetings with adjacent property owners are being conducted at this time. Finalization of design is temporarily “on hold” while awaiting information as to how or if the recently-submitted Mariposa DRI in Putnam County will have a bearing on the southern connection with CR 204 due to the potential for extending Cracker Swamp Road eastward.

SR 312 Extension Environmental Impact Statement Update 98% and Preliminary Design 5%

Current Phase Funded: Environmental Impact Statement Update/Preliminary Design

Consultant / Contractor: Prosser Hallock

Project Manager: John Rasmussen

Project Scope: The County has entered into a Locally Funded Agreement (LFA) with the Florida Department of Transportation (FDOT). The FDOT will administer the update to the existing Environmental Impact Statement as a Project Development and Environmental (PD&E) Study for the entire SR 312 Extension from SR 207 to US 1, north of the airport. FDOT will then proceed with design to provide right-of-way maps for the SR 312 Extension from SR 207 to SR 16.

Project Status: The FDOT awarded the PD&E Study phase contract to the firm of Prosser Hallock. This phase of the project has been completed and FDOT selected the consulting firm of DRMP for the Phase I (SR 207 to SR 16) preliminary engineering design that will include compilation of final Right-of-Way maps. Preliminary design has been initiated and is due to be completed in summer 2007. A topographic survey update was recently completed and is currently being evaluated toward that effort.

U.S. 1 at CR 210 Interchange Improvements PD&E Study 58%

Current Phase Funded: Project Development & Environmental (PD&E) Study

Consultant / Contractor: DRMP

Project Manager: John Rasmussen

Project Scope: The County entered into a Locally Funded Agreement (LFA) with the Florida Department of Transportation (FDOT). The FDOT will administer a PD&E study for an interchange at U.S. 1 and CR 210 East.

Project Status: The FDOT awarded the study to the firm of DRMP. The project was presented to the FCMPO. The FDOT-cosigned Public Involvement Program report was submitted to the County.

Design traffic and traffic projections alternatives using 2030 traffic demand model have been completed and the Design Traffic Report has been finalized. Evaluation of impacts for Interchange alternative concepts took place, with FDOT input. A Stakeholder coordination meeting with the FDOT was held in April to finalize which one of two to three alternatives to take to the Public Workshop meeting, now scheduled for mid-July. Additionally, a formal Public Hearing will be set for a date shortly thereafter. An updated presentation was made at the District 2 ETAT meeting in early June. A draft Pond Siting Report will be submitted in the near term. Impacts from Twin Creeks are currently being evaluated relative to construction phasing.

Non-Bond Projects**County Road 13 / 204 Paved Shoulders – Construction 50%**

Current Phases Funded: Preliminary Engineering, Land, Design, Permitting and Construction

Consultant: Jones Edmonds & Associates, Inc.

Contractor: AWA (culvert extensions) / APAC (shoulder construction and resurfacing)

Project Manager: Mike Adams

Project Scope: Addition of a paved shoulder from Hastings to U.S. 1, (approximately 15 miles) which will require some cross drain extensions, modifications to existing guardrails and adding new guardrails.

Project Status: The project is scheduled to be constructed in two phases, with the first phase being from U.S. 1 to Flagler Estates. This phase is essentially complete. Work on the second phase from Flagler Estates Blvd. to Hastings is in progress.

Russell Sampson Road Upgrade – Design 99%

Current Phase Funded: Design, Permitting and Land Acquisition

Consultant / Contractor: Connelly and Wicker, Inc.

Project Manager: Mike Adams

Project Scope: Limits are from CR 210 to 1.1 miles north and will bring this section of road up to County standards for a Minor Collector roadway.

Project Status: Project is designed and permitted. There is one (1) parcel remaining for R/W purchase.

CR16A Lane Widening (4 Lane) – Design 35%

Current Phases Funded: Preliminary Engineering, Design, and Permitting

Consultant / Contractor: CH2MHill

Project Manager: Mike Adams

Project Scope: Widening and reconstruction of C.R. 16A between S.R. 16 and S.R. 13 to provide a rural four lane section. The approximate length of roadway is 7 miles. The road is a major collector and the required right-of-way will be determined by the consultant. Existing right-of-way is 66 feet.

Project Status: Currently preparing for a public meeting in August 2006.

Hastings Main Street Sidewalk Restoration – Design 100%

Current Phases Funded: Preliminary Engineering and Design, Construction

Consultant / Contractor: BHR

Project Manager: Mike Adams

Project Scope: Restoration of approximately 4,000 LF of Main Street sidewalks in downtown Hastings from E. St. Johns Ave. South to George Miller Road.

Project Status: Currently in the contract award processing phase. The initial pre-construction conference was held on June 19, 2006.

Federal Point Bridge Replacement #784001 – Design 35%

Current Phases Funded: Preliminary Engineering and Land Acquisition

Consultant / Contractor: HDR

Project Manager: Mike Adams

Project Scope: Replacement of the existing bridge #784001 on Federal Point Road over Cracker Branch. Replacement options to be provided with the preliminary engineering report.

Project Status: Moving forward with Right of Way survey and legal descriptions.

West St. Augustine Storm Water Improvements – Design 0%

Current Phases Funded: Preliminary Engineering

Consultant / Contractor: Prosser Hallock, Inc.

Project Manager: Mike Adams

Project Scope: Improvements will be in the West St. Augustine area, the subject area is bounded by S. St. Johns Street; W. 7th Street; West King Street; and Duval Street. This area was not included in the CDBG project. Work will include design and construction of roadway drainage improvements and the identification of storm water attenuation and treatment facilities (within the overall basin boundaries) as well as required right-of-way acquisition.

Project Status: Continuing to develop the scope of the project in coordination with the CRA.

Intracoastal Area Wilderness Basin Improvements – Design 10%

Current Phases Funded: Preliminary Engineering and Land

Consultant / Contractor: Stone Joca & Mahoney, Inc.

Project Manager: Mike Adams

Project Scope: This basin encompasses approximately 3,463 acres and is bounded by SR A1A to the East, the Intracoastal Waterway to the West, Solana Road (CR210A) to the North, and Palm Valley Road (CR210) to the South in the Ponte Vedra/Palm Valley area. Improvements include upgrading existing conveyance facilities, installation of new collection and conveyance facilities, replacement of cross-drains, construction of treatment/attenuation facilities, re-grading of existing ditches, erosion control measures, and associated roadway improvements.

Project Status: Survey data collection has been completed and the project is in the preliminary design/modeling phase.

College Park Drainage Improvements – Design 90%

Current Phase Funded: Design

Consultant / Contractor: Edwards & Kelcey

Project Manager: Nick Perpich

Project Scope: Preliminary Engineering and Design for West Augustine Storm water Improvements including storm water modeling and drainage design for a portion of the Fox Creek Drainage Basin in West Augustine. Design of Phase I includes locating a suitable pond site for storm water attenuation and an outfall ditch on the Florida Memorial College Foundation property along Holmes Blvd from Murray Middle School to the railroad.

Project Status: Final permitting with the SJRWMD is progressing. Parcel maps for the right-of-way

needed from the Florida Memorial University have been provided to Real Estate for acquisition, and Real Estate has initiated the process of purchasing the needed right-of-way. Design is nearing completion and construction is funded under the West King Street improvement project, phase I.

Roberts Road – Construction 60%

Current Phases Funded: Design, Land Acquisition & Construction

Consultant / Contractor: CH2MHill/WR Townsend

Project Manager: Nick Perpich

Project Scope: Construct the realignment (to County collector road cross section standards) of an existing sharp curve on Roberts Road just south of Cunningham Creek Elementary School. Project length is 1100 LF.

Project Status: Construction began September 26, 2005. Major items of work this month include: Stormwater pipe installation and new road construction. Traffic was switched to the temporary pavement on April 3rd .

West King / Palmer Intersection – Design 100%

Current Phases Funded: Design

Consultant / Contractor: Edwards & Kelcey

Project Manager: Nick Perpich

Project Scope: Reconstruct the West King and Palmer intersection to increase the length of the left turn lane on West King to Palmer and add left turn lanes from Palmer to the City of St. Augustine Water Treatment Plant and a left turn lane on West King St. onto Elkton Lane for the City's new Fleet Maintenance Facility. Additional right of way will be needed from the City. The signal will be upgraded to Mast Arms.

Project Status: Revised plans were submitted in April 2006. Coordination with the City of St. Augustine continues for the necessary right of way acquisition.

Simms Pit Access Road – Construction

Current Phases Funded: Design

Consultant / Contractor: DRMP

Project Manager: Nick Perpich

Project Scope: Locate a suitable entrance to replace St. Johns access road to Simms Pit. This Pit is owned and used by the County as quarry. Current access is through a residential neighborhood. New access will be from Holmes Blvd.

Project Status: Bellsouth has agreed to move their facilities to an easement provided by the County on the Simms Pit site. Road and Bridge is constructing the access road.

Roscoe Blvd / Canal Blvd Intersection Improvements – Design 60%

Current Phases Funded: Design, Permitting

Consultant / Contractor: GAI Consultants

Project Manager: Nick Perpich

Project Scope: The intersection improvement is the first phase of the Roscoe Blvd Safety Improvement project. Due to a high rate of rear end accidents, a left turn lane is warranted from southbound Roscoe to eastbound Canal Blvd. This project will reconstruct Roscoe Blvd. to a curb and gutter typical section and make safety improvements at the intersection. Signalization is not warranted.

Project Status: Design is expected to be completed by July 2006. 60% plans will be submitted in May. The duration of time to permit this project could take 6 months to 1 year. Construction is anticipated in Fiscal year 2007.

Vilano Town Center Drainage Improvements – Construction 15%

Current Phase Funded: Preliminary Design

Consultant / Contractor: RS & H / GDA

Project Manager: Greg Caldwell

Project Scope: Improvements to the Vilano Town Center including drainage, roadway and pedestrian traffic.

Project Status: The Engineering Department has selected Reynolds, Smith and Hills to engineer this project. Callaway Contracting started construction the first of April. The construction timeframe is 18 months. Callaway has started the installation of utilities and storm drain along Vilano Road. They have installed the drainage system along Loja Road. The south side of Vilano Road is the major focus of Callaway construction along with the sewer system to the north. Callaway has completed the outfall for the drainage system and are making progress with the installation of the overall system.

Countywide Guardrail and Safety for FY'06 – Construction 0%

Current Phases Funded: Design, Permitting and Construction

Consultant / Contractor: Jones, Edmunds and Associates

Project Manager: Greg Caldwell

Project Scope: Work shall include repair and replacement of guardrail including end treatments, as well as installation of new end treatments where deemed appropriate due to existing safety issues.

Other roadway safety issues that arise during the year may also be addressed on an “as-needed” basis.

Project Status: Currently reviewing and analyzing projects for fiscal year 2006.

CR 5A / Kings Estate Intersection Improvements – Construction 8%

Current Phases Funded: Design, Permitting, Land Acquisition and Construction

Consultant / Contractor: Ayres & Associates / Petticoat Contracting, Inc.

Project Manager: Greg Caldwell

Project Scope: This project will construct a traffic signal and intersection improvements at the intersection of Old Moultrie and Kings Estate.

Project Status: Petticoat has completed the clearing and grubbing of the project. The contractor is securing the project and installing the erosion control. The contractor will allow FPL and Bellsouth to move into the site and complete their utility adjustments which include the relocation of power poles.

Construction is scheduled for seven months.

Racetrack Road 4-Laning JCP to Russell Sampson – Design 30%

Current Phase Funded: Preliminary Design

Consultant / Contractor: GAI Consultants

Project Manager: Greg Caldwell

Project Scope: This project will complete the 4-laning of Racetrack Road from the end of the County's current project east to Russell Sampson Road, a distance of approximately 0.7 miles. This project will address intersection improvements at Russell Sampson and Racetrack Road.

Project Status: The County has begun the process of acquiring the five parcels necessary for construction. Universal Engineering is handling the phase I and Real Estate is completed the appraisals.

Kenton Morrison & SR 16 Intersection Improvements – Construction 15%

Current Phase Funded: Design

Consultant / Contractor: ETM / Petticoat Contracting, Inc.

Project Manager: Greg Caldwell

Project Scope: Intersection Improvements to State Road 16, Kenton Morrison Road and Woodlawn Road. Realignment of Kenton Morrison to the East to line up with Woodlawn Road. Bring Kenton Morrison Road up to County standards.

Project Status: FPL has completed their adjustment and Bellsouth and Time Warner are close behind.

The drainage has been installed along Woodlawn Road. Petticoat will move to SR 16 next to install the underground drainage system and start the roadway work on Woodlawn. The facilities maintenance building has been demolished and removed. This project is scheduled for completion in the fall.

Volusia / Four Mile Road Study – Preliminary Engineering 100%

Current Phase Funded: Preliminary Engineering

Consultant / Contractor: HDR

Project Manager: Greg Caldwell

Project Scope: Identify all substandard conditions and make quantifiable recommendations for future improvements to insure safe and effective level of service on this corridor

Project Status: The preliminary engineering report has been submitted to the County. A meeting to review and discuss the findings of the report took place at the end of August. A presentation will be brought to the BCC to update them of this project. Phase II of this project will begin in fiscal year 2007.

Woodlawn Lewis Speedway Intersection Improvements – Engineering 60%

Current Phases Funded: Preliminary Engineering

Consultant / Contractor: PBS & J

Project Manager: Greg Caldwell

Project Scope: This project will consist of intersection improvements at Woodlawn Road and Lewis Speedway.

Project Status: The Task Order has been issued to PBS & J for the design and permitting of these improvements. The County Survey department completed the necessary survey information in December 05. Real Estate has secured all of the lots necessary for the construction of this project. Utility coordination has commenced with FPL and other agencies. Funds for construction are programmed in fiscal year 2008.

Rolling Hills Extension to Dobbs Road – Engineering 15%

Current Phases Funded: Preliminary Engineering

Consultant / Contractor: DRMP

Project Manager: Greg Caldwell

Project Scope: The extension of the existing Rolling Hills Road to Dobbs Road as a two lane minor collector road.

Project Status: A task order has been executed to DRMP to design and permit this project. Design and Permits should take us through fiscal year 2007, and construction is scheduled for fiscal year 2009. The County and DRMP have met with the water management district and FDOT to coordinate this project. This project is going to utilize an existing FDOT pond for its treatment requirements. The intent of this project is to provide a more effective corridor to Dobbs Road.

Holmes Blvd Paved Shoulders: SR 207-King Street – Engineering 30%

Current Phases Funded: Preliminary Engineering

Consultant / Contractor: DRMP

Project Manager: Greg Caldwell

Project Scope: This project will consist of 5 foot paved shoulders along Holmes Boulevard from State Road 207 north to King Street. Paved shoulders will provide additional safety for increased traffic traveling this road.

Project Status: A task order has been executed to DRMP to design and permit this project. Design, Permits, and Land acquisition are scheduled through fiscal year 2008, with construction scheduled for fiscal year 2009.

Woodlawn Road Realignment – Engineering 15%

Current Phases Funded: Preliminary Engineering

Consultant / Contractor: PBS & J

Project Manager: Greg Caldwell

Project Scope: This project consist of a new alignment of Woodlawn Road to eliminate the sharp ninety-degree curve.

Project Status: A task order has been issued to PBS & J for this design. PBS & J are under contract to take this project through design and permitting in fiscal year 06. Construction is set for the first part of fiscal year 07. The intent of the project is to eliminate the sharp curve located on Woodlawn road and replace is with a “T” intersection. The design includes a right slip lane that should keep traffic flowing and reduce the cut through traffic that Heritage Park is now experiencing.

Barrel Factory Road Improvements – Maintenance Evaluation and Design

Current Phases Funded: Maintenance evaluation, design, and land acquisition

Consultant / Contractor: SJC Eng Division/Road & Bridge Dept

Project Manager: John Rasmussen

Project Scope: Shoulder evaluation and maintenance to prevent failure of the roadway due to the close proximity of the ditches to the roadway.

Project Status: The project has been paved thru the DRIP program, following the filing of a County Maintenance Map. This is the last report for this project.

North Beach Drainage Improvements D&P – Design 90%

Current Phase Funded: Design and Permitting

Consultant / Contractor: Connelly & Wicker, Inc (CWI).

Project Manager: John Rasmussen

Project Scope: The project is intended to alleviate flooding conditions in an area of North Vilano Beach. The project area is bounded by SR A1A on the east, the Intracoastal Waterway on the west, 23rd Street on the south and Euclid Avenue on the north. The project is a continuation of previous evaluations that have resulted in either temporary or permanent improvements.

Project Status: SJRWMD permits for the Project were received and advertised. Public comment was formally solicited. Final design plans and contract specifications have been received. An addendum proposal has been received from the Consultant to provide similar engineering services to address isolated flooding on 23rd Street at the southern end of the Project, which was not included in the original Scope of Services. A presentation to the BOCC took place in March to update the Commissioners about the options under consideration. The direction of the BOCC was to implement Phase 1 improvements: design and construction at 23rd Street plus the reconstruction of the 19th 17th, and 10th Street outfalls. Task order has been issued to the consultant.

Greenbriar Road Sidewalk D&P – Final Design 98%

Current Phase Funded: Design and Permitting

Consultant / Contractor: GAI Consultants (GAI).

Project Manager: John Rasmussen

Project Scope: Sidewalk design intended to link up Switzerland Point Middle School with the existing S/W on SR 13.

Project Status: The engineering contract for the design & permitting was tasked to GAI. R/W acquisition is currently funded and construction is funded for FY 07. The project is fully-permitted with SJRWMD, USACOE and FDOT. No wetland mitigation was required by the agencies to offset very minor impacts in the vicinity of the Kentucky Branch crossing. Design, including Contract Specifications, was recently completed. Staff review is complete – awaiting receipt of Final Plans.

Masters Drive Rehabilitation – Plan 95%

Current Phase Funded: Corridor Pedestrian Safety Study & Implementation Plan

Consultant / Contractor: PBS & J

Project Manager: John Rasmussen

Project Scope: Project is intended to evaluate existing pedestrian safety improvements with additional recommendations for future safety improvements.

Project Status: This project was created to address a 2004 issue from concerned citizens regarding pedestrian safety. The Project was conducted in two phases; both are now essentially complete. The Consultant first evaluated the effectiveness of existing speed humps, signage and landings at bus stop locations, including traffic counts on parallel streets. Phase II of the study consisted of a comprehensive study and implementation plan that analyzed engineering and pedestrian safety design alternatives. The constraint for the project is the limited R/W width. A (Phase II) presentation was made to the BOCC during a regularly-scheduled meeting in mid-June to solicit direction as to which improvements should be recommended for implementation, along with corresponding budgetary needs. A Resolution was passed to design and install speed tables to replace the existing speed humps, and also, to further-study the option for reconfiguring Masters Drive as a one-way pair with parallel side streets Spring and/or Palmer. An Alternatives Analysis & Implementation Plan Report will be submitted following the completion of the BOCC-recommended additional study.

Winton Circle Drainage Study – Study 60%

Current Phases Funded: Drainage Study

Consultant / Contractor: Arcadis

Project Manager: John Rasmussen

Project Scope: Project is intended to evaluate the existing drainage conditions and analyze proposed alternatives of solution, if warranted.

Project Status: The project was created to address localized nuisance flooding occurring in the neighborhood, which terminates in a cul-de-sac. The 60% design report was submitted and reviewed. The study identified several causes of flooding one of which was that the original developer had not complete all of the necessary improvements and there is a lack of positive outfall. The recommended design alternatives focus on the remedying of these issues relative to existing SJRWMD permits. A staff meeting with the Consultant is being held in late June to go over the alternatives and their respective costs.

Pine Acres Road Drainage – Design 60%

Current Phases Funded: In-house design, easement acquisition, in-house construction

Consultant / Contractor: GAI Consultants

Project Manager: John Rasmussen

Project Scope: Project is intended to alleviate moderate to severe flooding along Pine Acres Drive and Poinsettia Road in a portion of the southern-half of the area known as Kings Estate Subdivision.

Project Status: A number of low-lying lots exist along Pine Acres and Poinsettia Roads that experience severe flooding such that the structures are threatened. The Consultant worked with staff to arrive at a design approach based on conceptual alternatives. The logical alternative appears to be piping runoff northward to Kings Estate Road, then eastward to Fox Creek. A Task Order was issued in January. Draft 90% plans were staff-reviewed and submitted to SJRWMD. A Request for Additional Information (RAI) was received from the District, and the consultant is responding to same.

Dobbs Road Basin Improvements Basin Study & Prelim Engineering 100% / Final Design (Contractual Phase)

Current Phases Funded: Final Design and permitting

Consultant / Contractor: TBA

Project Manager: John Rasmussen

Project Scope: Project is intended to take preliminary design alternatives and arrive at final design including plans for construction for Moultrie Creek Tributary #3.

Project Status: Ayres Associates had formerly-completed a basin model including Immediate Maintenance Recommendations Report, Best Management Practice recommendations and a preliminary construction cost estimate for the Dobbs Road Basin. A pre-application meeting with SJRWMD was held in early December 2004 regarding alternatives recommendation and design. Floodplain Study & Flood Protection Alternatives Analysis Reports were completed under the Countywide Drainage Study Update CIP. The Alternatives Report included preliminary engineering plans. Staff is evaluating the need for final engineering versus construction using the preliminary plans, or a combination thereof. The final design for this project is now being carried on under its own CIP with land acquisition funded for FY07 and construction funded for FY08. A meeting with Florida East Coast Railway took place in early June, with the Railway responding favorably to necessary construction and drainage easements within their Right-of-Way. Engineering is also coordinating with Real Estate for additional private drainage easements. A short-list of Continuing Service Contract Consultants will be offered an opportunity to submit proposals for final design.

Cornell / Harvard Drainage – Design 70%

Current Phases Funded: Final Design & Permitting

Consultant / Contractor: Arcadis

Project Manager: John Rasmussen

Project Scope: Final design and permitting to replace roadway culverts in disrepair and to pipe a relatively deep ditch located within St. Augustine South Subdivision. The ditch presents a public safety concern as well as maintenance challenges. The ditch conveys runoff from an approximate 200-acre drainage area. The Project limits are generally the ditch itself, that path being generally described as originating from behind the Chevrolet dealership along the east side of US1 south of SR 312, and thereafter crossing Cornell, Harvard and Dartmouth Streets, with the existing discharge point to a maintained, upland ditch located within a County-owned park adjacent to and east of Harvard Street. Ultimate discharge is to the Matanzas River.

Project Status: The consultant initially met with staff in the field during late August. A Task Order was executed and the proposed project timeline is 6 months. Upon request, updated topographic survey was gathered by the County Survey Department. Draft 60% plans, drainage report and calculations were staff-reviewed in support of permit application submittal to the SJRWMD. A field meeting with SJRWMD was held in early May in support of a formal Permit determination request. The County has been verbally advised (in advance) by the District that submission of a modified Standard General Permit will likely be recommended.

Fruit Cove South Drainage Basin Updated Study & Design 60%

Current Phases Funded: Final Design & Permitting

Consultant / Contractor: GAI Consultants

Project Manager: John Rasmussen

Project Scope: Project is follow-up to BHR preliminary design in 1994 and updated in the recently received Master Drainage Study Update. Task is to determine drainage status and put together final design plans

Project Status: Engineering put out a Scope and selected GAI based on review of proposals. The selected Consultant had performed a field review and their response indicated a high degree of project familiarity. The 60% report has been submitted and reviewed by Staff, with comments having been returned.

Guana Basin Drainage System

Current Phase Funded: Ongoing Maintenance

Consultant / Contractor: Advanced Environmental Labs, Inc.; Lake Doctors, Inc.; Stone, Joca, &

Mahoney, Inc.

Project Manager: Debbie Kristiansen

Project Scope: Ongoing Monitoring and Maintenance

Project Status: Since 1998, the County has maintained a clear channel (from Corona Road to Mickler Road) in the Guana Basin for storm water runoff from the Ponte Vedra area. Herbicide applications and vegetation removal are routine maintenance activities conducted to prevent flooding. In addition, to protect water quality, monthly water quality sampling is conducted in compliance with the St. Johns River Water Management District (SJRWMD) permit. Weed harvesting activities have stopped, and will resume when channel water levels rise again in July 2006.

National Pollutant Discharge Elimination System (NPDES) Phase II MS4 Permit Implementation Program

Current Phase Funded: Permit Implementation

Consultant / Contractor: Berryman & Henigar, Inc.; WAV Coordinator Team

Project Manager: Debbie Kristiansen

Project Scope: Implementation of the NPDES permit program

Project Status: To comply with the Clean Water Act, on June 23, 2003, the County received coverage under the Generic Permit (Permit) of the National Pollutant Discharge Elimination System (NPDES) Phase II MS4 program, which is a national storm water management program established by EPA to reduce non-point source pollution discharging into surface water bodies. The County is now in the third year of the 5-Year Permit implementation period (June 2003 – 2008). The County's WAV Coordinator Team makes ongoing presentations regarding storm water pollution prevention to the public, including school groups and homeowner associations. In addition, the WAV Coordinator Team has volunteer groups to conduct activities including beach cleanups, storm drain marking, and water quality sampling, which helps the County meet the NPDES permit criteria of public involvement and education. The Florida Dept. of Transportation (FDOT), which is also a Permit holder, and the County have an agreement (JPA) that the County will assist FDOT in meeting several permit requirements in exchange for FDOT funding. Stormwater Ordinance 2006-62 became effective on May 24, 2006.

Simms Pit Wetland Monitoring

Current Phase Funded: Monitoring

Consultant / Contractor: SJC Staff

Project Manager: Tony Cubbedge

Project Scope: County-owned wetlands located at Simms Pit that must be monitored semi-annually as required by the St. Johns River Water Management District Environmental Resource Permit.

Project Status: Tree survival and nuisance coverage counts were conducted in November 2005. A report was provided to the Water Management District in December 2005. The Sims Pit monitoring and management will continue through spring 2006. Spraying and nuisance removal are planned in the next few weeks. The water was rerouted to improve hydrology.

Mitigation Plan

Current Phases Funded: Permitting and Land Acquisition

Consultant / Contractor: SJC Real Estate Division

Project Manager: Tony Cubbedge

Project Scope: Provide needed wetland mitigation for St. Johns County transportation projects.

Project Status: Turnbull Environmental has completed the site work at Spengler Island. Jones Edmunds and Associates is refining the mitigation plan and submitted a draft Environmental Resource Permit Application on the Turnbull Mitigation site. The owners of a 400 acre regional mitigation site in the southwest portion of the County have rejected our offer. A contract has been executed on about 50 acres of property at Jack Wright Island Rd. An offer will be presented on about

76 acres of property adjacent to the Water Management District's Deep Creek Site.

Countywide School Zone Study – Study 60%

Current Phase Funded: Traffic Study

Consultant: Prosser, Hallock

Project Manager: Greg Kennedy

Project Scope: FY 06' school zone studies include aerial condition diagrams, traffic observation, and conclusion/recommendation report.

Project Status: School zone studies have been completed for Julington Creek Elementary School, Timberlin Creek Elementary School, and W.D. Hartley Elementary School. Remaining studies are on hold until school is back in session.

Corona Road / A1A Intersection Improvements-Preliminary Engineering 100%

Current Phase Funded: Design and Construction

Consultant: Ayers and Associates

Project Manager: Greg Kennedy

Project Scope: A right turn lane will be constructed on Corona Road at the intersection of State Road A1A. The work includes roadway widening, overlay of construction limits, addition of one signal for Corona Road, addition of detection loop, and new pavement markings.

Project Status: Bid was awarded to Jenson Construction, Inc. on May 30, 2006. Awaiting plan revisions (as recommended by the MSD) by Ayers and Associates.

Signalization of CR13/SR16 Design 100%

Current Phase Funded: Design and Construction

Consultant: Stone, Joca & Mahoney

Project Manager: Greg Kennedy

Project Scope: Construct a temporary traffic signal at the intersection of State Road 16 /13 & CR-13. Temporary signals will be supported by a single mast arm on the NE corner of the intersection.

Project Status: The schedule presented at the public meeting in October 2005 was to complete the project by the Fall 2006. No change to this schedule is expected due to lead time required for manufacture of the mast arm. Tree limbs will still need to be removed to meet sight distance standards. Contract documents have been issued to American Lighting.

Countywide Sidewalk Projects – Construction 80%

Current Phase Funded: Construction

Consultant / Contractor: N/A

Project Manager: Sonia Wilson

Project Scope: Work shall include repair and replacement of existing sidewalks, as well as installation of new sidewalks.

Project Status: AWA Construction constructing sidewalk in various location of St. Augustine Shores.

Vail Point Road Sidewalk – Construction 0%

Current Phase Funded: Design

Consultant / Contractor: Connelly & Wicker Inc. / AWA Construction Co.

Project Manager: Sonia Wilson

Project Scope: Construction of a 5 foot wide, 4752 foot long sidewalk along Vaill Point Road. This sidewalk would create a pedestrian path from numerous residential neighborhoods to the proposed park at the east end of Vaill Point Road.

Project Status: Design and permits for this project are complete. Contract has been issued to AWA Construction Co. Construction to commence approximately July, 2006.

Davis Pond Blvd Sidewalk 70%

Current Phases Funded: Construction

Consultant / Contractor: AWA Contracting

Project Manager: Sonia Wilson

Project Scope: Project consist of a 5-foot sidewalk along Davis Pond Blvd approx 4500' to provide pedestrian safety from the Bartram Trail Library to Durbin Creek intersection

Project Status: Construction began and was stopped due to an Eagle's Nest in the construction area. Subsequently, Jan Brewer approved completion of construction from SR 13 east to the Dewberry Rd., which is complete. Dewberry Rd. east to Durban Creek Blvd. construction resumed and will be completed on schedule.

Pope Road Sidewalk – Design 100%

Current Phase Funded: Design & Permitting/Construction

Consultant / Contractor: England, Thims & Miller

Project Manager: Joan Anderson

Project Scope: Project consists of a 5-foot wide sidewalk approximately 3700 LF in length on the north side of Pope Road and due to right-of-way constraints; sidewalk will be designed on Westside of Mizell in lieu of eastside. This sidewalk will create pedestrian connectivity between A1A and SR 312.

Project Status: Design to be completed spring 2006 and construction is anticipated to be completed in the fall of 2006.

Roberts Road Sidewalk – Design 95%

Current Phase Funded: Design & Permitting/Construction

Consultant/Contractor: GAI Consultants

Project Manager: Joan Anderson

Project Scope: Project consists of a 5-foot sidewalk approximately 1 mile in length on the north side of Roberts Road from Ivy Lakes Drive to Duck Blind Drive. This sidewalk will connect to two existing sidewalks which will provide a continuous sidewalk to Cunningham Creek Elementary School from SR 13.

Project Status: Design to be completed spring 2006 and depending on when permits are received, construction could begin as early as late summer or fall 2006. Public Meeting was held on March 16, 2006, with the consensus of the comments in favor of the project.

Completed Projects

Roscoe Blvd Safety Study

Bishop Estates Road Sidewalk

CR 16A/SR 13 Intersection Improvements

Mickler Weir

Northrop Grumman Traffic Signal

CR 210 Sidewalk Construction

West St. Augustine CDBG Improvements

Lewis Speedway and U.S.1 Signal

Lewis Speedway and U.S.1 Roadway

St. Augustine South Drainage Improvements

Palm Valley Bridge Replacement

Lewis Speedway Sidewalk

Anastasia Island Drainage Improvements

CR A1A Three Laning
Cowpen Branch Road Improvements – Maintenance Evaluation and Design
Datil Pepper Area Drainage Study
Ponte Vedra/MSD/Sunset Dr. Drainage Improvement
CR 214 Wetland Monitoring
Winifred Masters Bridge
Cypress Links Sidewalk
Durbin Creek Blvd. and Race Track Road Intersection Improvements
Fruit Cove Sidewalk
Web Foot Place
Covino Avenue Drainage
Moultrie Creek Bluff
Summer Haven: Phase II
S.R.16 Sidewalk – SJRCC to Kenton Morrison Road
Shore Blvd. Sidewalk – Design
King Street & Holmes Boulevard Interim Signal
North Beach Drainage (Improvements at Wahoo)
West King St. Corridor
Racetrack Road 4 Laning
Shore Drive – Gate 1 Turn Bay
Hastings Drainage Improvement Project
Kelly Road Drainage Improvements
CR 210 @ I - 95
U.S. 1 / Old Moultrie Intersection Improvements
CR 210 from C.E. Wilson to U.S. 1 Widening
Solana Road / PGA Blvd. Intersection
Landrum Lane / Palm Valley Road Intersection | Evacuation Maintenance of Traffic Plan - Study
North Holmes Blvd. / Four Mile Road Intersection Signalization
Cowpen Branch Bridge
Palm Valley Road Sidewalk
Racetrack Road Sidewalk
County Wide Drainage Study Update
Summer Haven Hurricane Jeanne: FEMA-Funded Restoration of Sand Berm/Dune and County
Maintained Access within County right-of-way
Signalization of CR-210 – W. at Leo Maguire Parkway
Greenbriar Road & Roberts Road Interim Signal
South Francis Road
Hydrangea & Oleander Road and Drainage Improvements

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