

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**OFFICE OF DESIGN POLICY & SUPPORT  
INTERDEPARTMENTAL CORRESPONDENCE**

**FILE** P.I. # 0012676 **OFFICE** Design Policy & Support  
Forsyth County  
GDOT District 1 - Gainesville **DATE** 6/16/2015  
Signal Upgrade: SR 9; SR 20; SR 306;  
SR 369; & SR 371 @ 10 Locations

**FROM**  for Brent Story, State Design Policy Engineer

**TO** SEE DISTRIBUTION

**SUBJECT** APPROVED REVISED CONCEPT REPORT

Attached is the approved Revised Concept Report for the above subject project.

Attachment

**DISTRIBUTION:**

Glenn Bowman, Director of Engineering  
Joe Carpenter, Director of P3/Program Delivery  
Genetha Rice-Singleton, Assistant Director of P3/Program Delivery  
Albert Shelby, State Program Delivery Engineer  
Darryl VanMeter, State Innovative Delivery Engineer  
Bobby Hilliard, Program Control Administrator  
Cindy VanDyke, State Transportation Planning Administrator  
Hiral Patel, State Environmental Administrator  
Ben Rabun, State Bridge Engineer  
Andrew Heath, State Traffic Engineer  
Angela Robinson, Financial Management Administrator  
Lisa Myers, State Project Review Engineer  
Charles "Chuck" Hasty, State Materials Engineer  
Lee Upkins, State Utilities Engineer  
Richard Cobb, Statewide Location Bureau Chief  
Brent Cook, District Engineer  
Brandon Kirby, District Preconstruction Engineer  
Neil Kantner, District Utilities Engineer  
Steven Heng, Project Manager  
BOARD MEMBER - 7th and 9th Congressional District

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
REVISED PROJECT CONCEPT REPORT**

Project Type: Signals P.I. Number: 0012676  
(Reconstruction/Rehabilitation)  
GDOT District: 1 County: Forsyth  
Federal Route Number: N/A State Route Number: 9,20,306,369  
Project Number: \_\_\_\_\_

*SR 9; SR 20; SR 306 & SR 369 @ 9 LOC IN FORSYTH CO.  
Intersection of SR 9 @ Hutchinson Rd was removed from this project.  
It will be upgraded in the PI 121690 road widening project.*

**Submitted for approval:**

<u>Chris Stewart</u> Chris B. Stewart, Wilburn Engineering	<u>2/17/2015</u> Date
<u>Albert V. Shelby III</u> State Program Delivery Engineer	<u>2/18/2015</u> Date
<u>Stewart Heay</u> GDOT Project Manager	<u>2/17/2015</u> Date

**Recommendation for approval:**

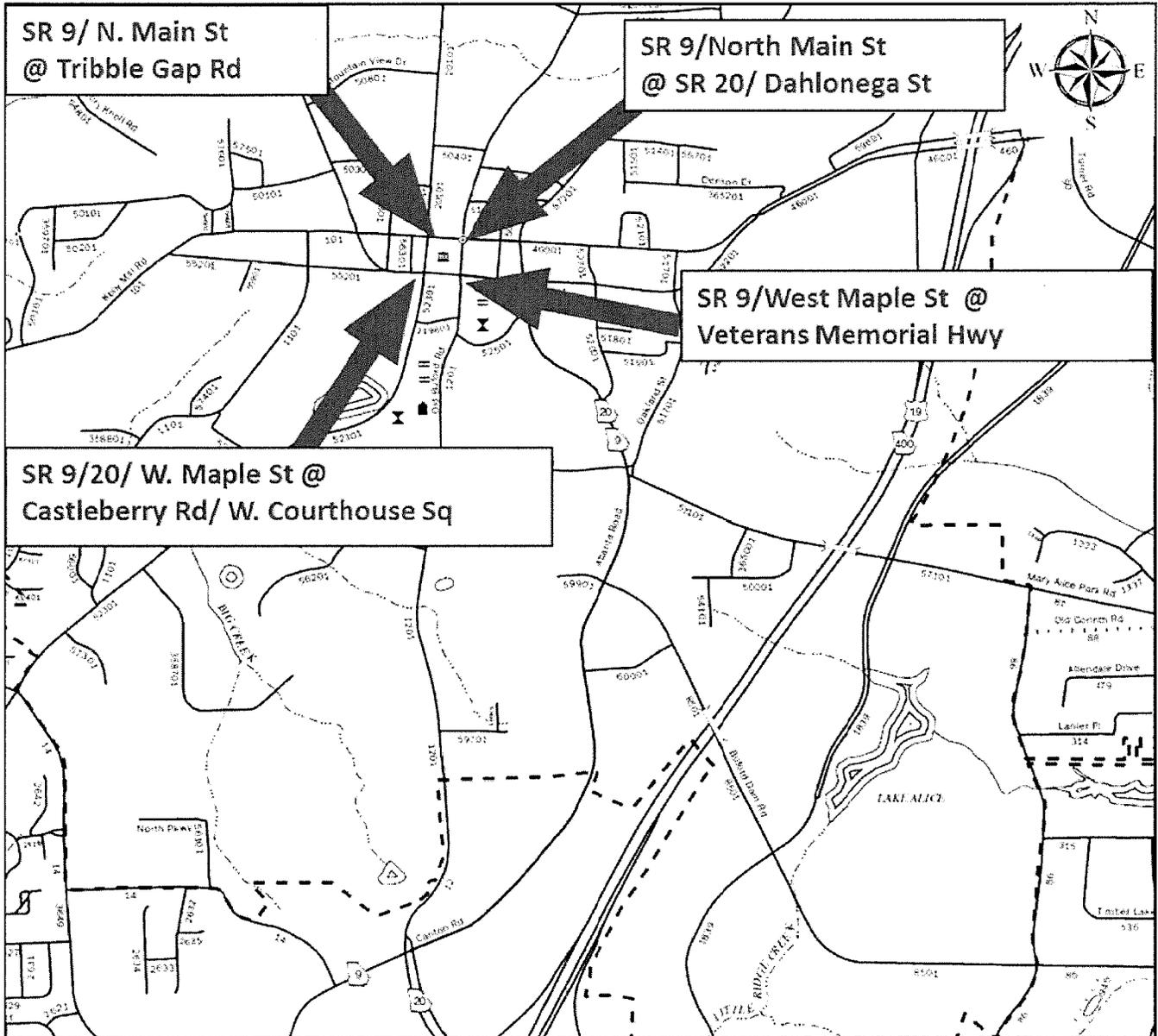
<u>HIRAL PATEL</u> State Environmental Administrator	<u>2/27/2015</u> Date
<u>ANDREW HEATH</u> State Traffic Engineer	<u>3/2/2015</u> Date

- MPO Area: This project is consistent with the MPO adopted Regional Transportation Plan (RTP)/Long Range Transportation Plan (LRTP).
- Rural Area: This project is consistent with the goals outlined in the Statewide Transportation Plan (SWTP) and/or is included in the State Transportation Improvement Program (STIP).

<u>CYNTHIA L. VANDIKS</u> State Transportation Planning Administrator	<u>3/3/2015</u> Date
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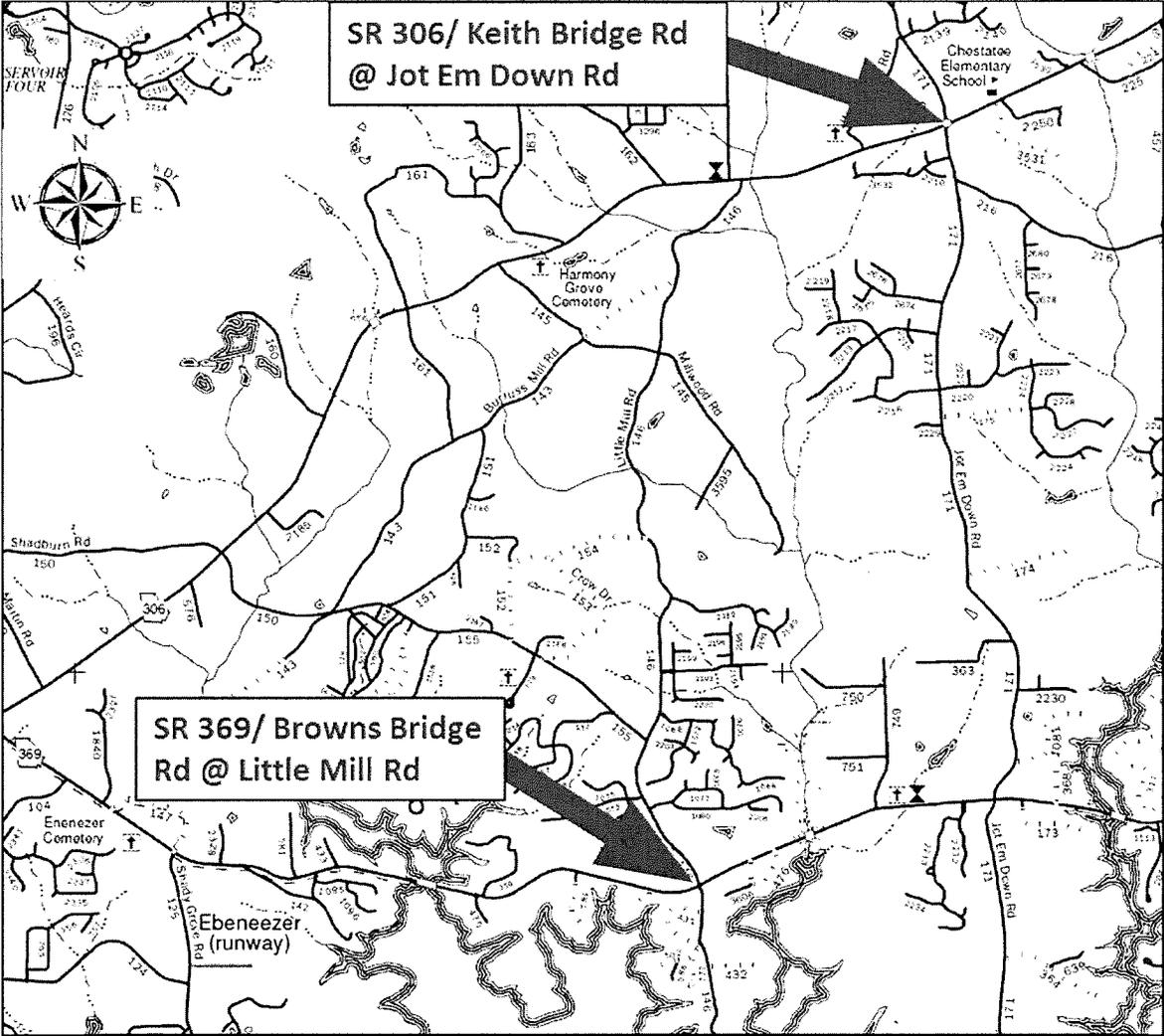
## PROJECT LOCATION

### SR 9, SR 20 (Map Not to Scale)





**SR 306, SR 369 (Map Not to Scale)**



## PLANNING & BACKGROUND DATA

**Project Justification Statement:** This project consists of traffic signal upgrades at 9 locations in Forsyth County. The intersections will be upgraded to meet GDOT and Manual on Uniform Traffic Control Devices (MUTCD) standards. The intersection improvements will include replacing signal poles with new mast arms or strain poles, LED vehicular and pedestrian signal heads, new vehicle detection and signal control equipment. The intersections will be made ADA compliant with new wheelchair ramps and crosswalks.

The project is to upgrade equipment, accommodate pedestrians, and to bring intersections to ADA standards. The following Table will show what the District has noted as reason to upgrade each intersection.

**Table 1: Intersection Upgrade Needs**

County	City	Primary Route	Intersecting Road	Reason for Upgrade
Forsyth	Cumming	SR 9	SR 20/Dahlonega St	Obsolete Equipment/ADA
Forsyth	Cumming	SR 9/SR 20	Castleberry Rd/W. Courthouse Sq	Obsolete Equipment/ADA
Forsyth	Cumming	SR 20	Doc Bramlett Rd	Obsolete Equipment/ADA
Forsyth	Cumming	SR 20	Spot Rd Connector	Obsolete Equipment/ADA
Forsyth	Cumming	SR 9	Tribble Gap Rd	Obsolete Equipment/ADA
Forsyth	Cumming	SR 306	Jot Em Down Rd	Obsolete Equipment/ADA
Forsyth	Cumming	SR 369	Bannister Rd/ John Burruss Rd	Obsolete Equipment/ADA
Forsyth	Cumming	SR 369	Little Mill Rd	Obsolete Equipment/ADA
Forsyth	Cumming	SR 9	Veterans Memorial Blvd	Obsolete Equipment/ADA

### Existing conditions:

- Intersection No. 1
  - SR 9/ N. Main St at SR 20/ Dahlonega St is a one-way westbound two-lane roadway with left and right turn lanes onto Dahlonega St.
- Intersection No. 2
  - SR 9/ SR 20/ West Maple St at Castleberry Rd/ West Courthouse Square is an eastbound one-way, two-lane roadway with 12-foot lanes and a right turn lane onto Castleberry Road.
- Intersection No. 3
  - SR 20/ Canton Hwy at Doc Bramlett Rd is a two-lane roadway with twelve-foot lanes, a southbound left turn lane, northbound two-way left turn lane, and a right turn lane into the car dealership.
- Intersection No. 4
  - SR 20/ Canton Hwy at Spot Rd Connector is a two-lane roadway with twelve-foot lanes, left turn lanes, and a right turn lane into the car dealership.
- Intersection No. 5
  - SR 9/ N. Main St at Tribble Gap Rd is a one-way westbound two-lane roadway with twelve-foot lanes and a right turn lane onto Tribble Gap Road.
- Intersection No. 6
  - SR 306/ Keith Bridge Rd at Jot Em Down Rd is a two-lane roadway with twelve-foot lanes, left turn lanes, and right turn pockets.

- Intersection No. 7
  - SR 369/ Matt Hwy at Bannister Rd/ John Burruss Rd is a two-lane roadway with twelve-foot lanes, left turn lanes, and westbound right turn lane onto Bannister Rd.
- Intersection No. 8
  - SR 369/ Browns Bridge Rd at Little Mill Rd is a two-lane roadway with twelve-foot lanes and left and right turn lanes.
- Intersection No. 9
  - SR 9 at Veterans Memorial Blvd is a two-lane roadway with twelve-foot lanes. SR 9 travels southbound to the intersection and then joins with SR 20 leaving the intersection eastbound on West Maple Street.

**Other projects in the area:**

- Project ID: 121690 – The project consists of 2.82 miles of widening and reconstruction of S.R. 9 north of S.R. 141 to S.R. 20 in Forsyth County. The proposed section will be two 12-foot travel lanes in each direction separated by a 24-foot raised median, with a 16-foot shoulder on each side incorporating curb and gutter and a 5-foot sidewalk.
- Project ID: 0003682 – GDOT is sponsoring the preparation of an Environmental Impact Statement (EIS) to identify potential improvements to the State Route 20 corridor between the cities of Canton and Cumming. The SR 20 Improvements study area extends for approximately 24 miles, between I-575 in Canton and SR 400 in Cumming. Jurisdictions along the corridor including the City of Canton, unincorporated communities of Buffington, Macedonia, Irange, and Free Home in Cherokee County, as well as the unincorporated community of Ducktown and the City of Cumming in Forsyth County. The SR 20 Improvements project will conduct engineering and environmental studies to evaluate possible alternatives to relieve congestion, improve mobility, and reduce crashes along SR 20 between Canton and Cumming.

**Description of the proposed project:** The project will upgrade equipment, accommodate pedestrians, and update pedestrian facilities to meet current ADA standards. The Office of Traffic Operations has justified these upgrade based on the following deficiencies: pedestrian Accommodations, ADA Compliance, old conductor cable, 332 cabinet w/2070, support poles/mast arms, utility issues, and signal interconnect. The standard project limits will be 200 feet from the center point of the intersection; should setback loops need replacement, the project limits will be 500 feet from the center point of the intersection. If setback loops are present, the survey should include the edge of pavement and property lines to the setback loop. Standard erosion control details should be used. Traffic studies are not needed for this project. The scope of this project will be limited to equipment upgrades, pedestrian accommodations, and updating pedestrian facilities to meet ADA standards. Funding is provided by ARC. All communications and meetings involving this project should include the Office of Traffic Operations.

**MPO:** Atlanta TMA

**TIP #:** N/A

**TIA Regional Commission:** Not a TIA Project - RC Project ID N/A

**Congressional District(s):** 7,9

MPO: Atlanta TMA

TIP #: N/A

TIA Regional Commission: Not a TIA Project - RC Project ID N/A

Congressional District(s): 7,9

Federal Oversight:  Exempt  State Funded  Other

Projected Traffic: N/A

Current Year (20WW): N/A Open Year (20XX): N/A Design Year (20YY): N/A

Traffic Projections Performed by: N/A

**Functional Classification (Mainline):**

- SR 9 - Urban Minor Arterial Street
- SR 20 - Urban Principal Arterial
- SR 306 - Urban Collector Street
- SR 369 - Urban Collector Street

**Complete Streets - Bicycle, Pedestrian, and/or Transit Warrants:**

Warrants met:  None  Bicycle  Pedestrian  Transit

**DESIGN AND STRUCTURAL**

**Description of Proposed Project:**

Major Structures: N/A

**Mainline Design Features:**

**SR 9 – Urban Minor Arterial Street**

Feature	Existing	Standard*	Proposed
Typical Section			
- Number of Lanes	Varies	N/A	N/A
- Lane Width(s)	12 ft – 14 ft	N/A	N/A
- Sidewalks	Yes and No	N/A	N/A
Posted Speed	25 mph - 45 mph		N/A

**SR 20 – Urban Principal Arterial**

Feature	Existing	Standard*	Proposed
Typical Section			
- Number of Lanes	Varies	N/A	N/A
- Lane Width(s)	12 ft – 14 ft	N/A	N/A
- Sidewalks	Yes and No	N/A	N/A
Posted Speed	25 mph - 45 mph		N/A

**SR 306 – Urban Collector Street**

Feature	Existing	Standard*	Proposed
Typical Section			
- Number of Lanes	Varies	N/A	N/A
- Lane Width(s)	12 ft – 14 ft	N/A	N/A
- Sidewalks	Yes and No	N/A	N/A
Posted Speed	55 mph		N/A

**SR 369 – Urban Collector Street**

Feature	Existing	Standard*	Proposed
Typical Section			
- Number of Lanes	Varies	N/A	N/A
- Lane Width(s)	12 ft – 14 ft	N/A	N/A
- Sidewalks	Yes and No	N/A	N/A
Posted Speed	45 mph - 55 mph		N/A

**Major Interchanges/Intersections:**

- SR 9 at Veterans Memorial Hwy
- SR 9 at SR 20/ Dahlenega St

Lighting required:  No  Yes

Transportation Management Plan [TMP] Required:  No  Yes  
 If Yes: Project classified as:  Non-Significant  Significant  
 TMP Components Anticipated:  TTC  TO  PI

Will Context Sensitive Solutions procedures be utilized?  No  Yes

Design Exceptions to FHWA/AASHTO controlling criteria anticipated: N/A

Design Variances to GDOT Standard Criteria anticipated: None anticipated

**UTILITY AND PROPERTY**

Temporary State Route Needed:  No  Yes  Undetermined

Railroad Involvement: N/A

**Utility Involvements:**

- AT&T - communications
  - Atlanta Gas Light - gas
  - City of Cumming - water, sewer
  - Comcast CATV - television
  - Forsyth County - water, SEWER
  - Georgia Power Distribution - electric
  - Sawnee EMC - electric
- GEORGIA TRANSMISSION CORP.*  
*• WINDSTREAM*  


SUE Required:  No  Yes

Public Interest Determination Policy and Procedure recommended?  No  Yes

**Right-of-Way:** Existing width: \_\_\_\_\_ ft Proposed width: \_\_\_\_\_ ft  
 Required Right-of-Way anticipated:  No  Yes  Undetermined  
 Easements anticipated:  None  Temporary  Permanent  Utility  Other

Anticipated number of impacted parcels: N/A  
 Displacements anticipated: Total: N/A  
 Businesses: N/A  
 Residences: N/A  
 Other: N/A

**ENVIRONMENTAL AND PERMITS**

Anticipated Environmental Document:

GEPA:  NEPA:  CE  PCE

**MS4 Compliance – Is the project located in an MS4 area?**  No  Yes

**Environmental Permits, Variances, Commitments, and Coordination anticipated:**

None anticipated

**Air Quality:**

Is the project located in a PM 2.5 Non-attainment area?  No  Yes  
 Is the project located in an Ozone Non-attainment area?  No  Yes  
 Is a Carbon Monoxide hotspot analysis required?  No  Yes

**NEPA/GEPA Comments & Information:** Based on the nature of the project, impacts to history, archaeology, air, and noise are expected to be minimal to none.

**COORDINATION, ACTIVITIES, RESPONSIBILITIES, AND COSTS**

**Project Meetings:** Kickoff Meeting, June 12th, 2014

Project Activity	Party Responsible for Performing Task(s)
Concept Development	Wilburn Engineering; Atkins
Design	Wilburn Engineering; Atkins
Right-of-Way Acquisition	GDOT
Utility Relocation	<del>GDOT</del> Utility Owners (MP)
Letting to Contract	GDOT
Construction Supervision	GDOT
Providing Material Pits	N/A
Providing Detours	N/A
Environmental Studies, Documents, & Permits	Atkins
Environmental Mitigation	N/A
Construction Inspection & Materials Testing	GDOT

**Other coordination to date:** None

**Project Cost Estimate and Funding Responsibilities:**

	Breakdown of PE	ROW	Reimbursable Utility	CST*	Environmental Mitigation	Total Cost
Funded By	GDOT	GDOT	GDOT	GDOT	N/A	
\$ Amount	\$440,925.19	0	0	\$1,553,561.05	0	\$1,994,486.24
Date of Estimate	4/1/2013			1/20/2015		

\*CST Cost includes: Construction, Engineering and Inspection, and Contingencies. (AP)

**ALTERNATIVES DISCUSSION:**

No-Build Alternative:			
Estimated Property Impacts:	N/A	Estimated Total Cost:	N/A
Estimated ROW Cost:	N/A	Estimated CST Time:	N/A
Rationale: Doesn't fulfill the objectives of the Project Justification Statement.			

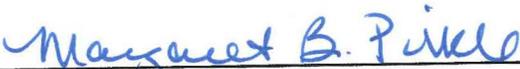
**Comments/Additional Information:**

**LIST OF ATTACHMENTS/SUPPORTING DATA**

1. Revisions to Programmed Costs
2. Cost Estimate
3. Kickoff Meeting Minutes

**APPROVALS**

Concur:   
 Director of Engineering

Approve:  6/9/15  
 Chief Engineer Date

**Project Cost Estimate and Funding Responsibilities:**

	Breakdown of PE	ROW	Reimbursable Utility	CST*	Environmental Mitigation	Total Cost
Funded By	GDOT	GDOT	GDOT	GDOT	N/A	
\$ Amount	\$440,925.19	0	0	\$1,553,561.05	0	\$1,994,486.24
Date of Estimate	4/1/2013			1/20/2015		

\*CST Cost includes: Construction, Engineering and Inspection.

**ALTERNATIVES DISCUSSION:**

<b>No-Build Alternative:</b>			
<b>Estimated Property Impacts:</b>	N/A	<b>Estimated Total Cost:</b>	N/A
<b>Estimated ROW Cost:</b>	N/A	<b>Estimated CST Time:</b>	N/A
<b>Rationale:</b> Doesn't fulfill the objectives of the Project Justification Statement.			

Comments/Additional Information:

**LIST OF ATTACHMENTS/SUPPORTING DATA**

1. Revisions to Programmed Costs
2. Cost Estimate
3. Kickoff Meeting Minutes

**APPROVALS**

Concur: \_\_\_\_\_  
 Director of Engineering

Approve: \_\_\_\_\_  
 Chief Engineer

\_\_\_\_\_ Date

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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INTERDEPARTMENT CORRESPONDENCE

**FILE** P.I. No.

**OFFICE**

**PROJECT DESCRIPTION**

**DATE**

**From:**

**To:** Lisa L. Myers, State Project Review Engineer

**Subject:** REVISIONS TO PROGRAMMED COSTS

**PROJECT MANAGER**

**MGMT LET DATE**

**MGMT ROW DATE**

**PROGRAMMED COSTS (TPro W/OUT INFLATION)**

**LAST ESTIMATE UPDATE**

**CONSTRUCTION** \$

**DATE**

**RIGHT OF WAY** \$

**DATE**

**UTILITIES** \$

**DATE**

**REVISED COST ESTIMATES**

**CONSTRUCTION\*** \$

**RIGHT OF WAY** \$

**UTILITIES** \$

\*Cost Contains  % Contingency

**REASONS FOR COST INCREASE AND CONTINGENCY JUSTIFICATION:**

Original project cost was the programming estimate. After field visits and determination of the work that will be required the updated construction cost estimate was generated. At the kick off field meeting it was determined that right of way will most likely not be required.  
Project Type: Reconstruction/Rehabilitation; Risk:Low; Project Phase: Concept

# CONTINGENCY SUMMARY

<b>A. CONSTRUCTION COST ESTIMATE:</b>	\$	1,409,125.67	Base Estimate From CES
<b>B. ENGINEERING AND INSPECTION (E &amp; I):</b>	\$	70,456.28	Base Estimate (A) x <span style="border: 1px solid black; padding: 2px 5px;">5</span> %
<b>C. CONTINGENCY:</b>	\$	73,979.10	Base Estimate (A) + E & I (B) x <span style="border: 1px solid black; padding: 2px 5px;">5</span> % <u>See % Table in "Risk Based Cost Estimation" Memo</u>
<b>D. TOTAL LIQUID AC ADJUSTMENT:</b>	\$		Total From Liquid AC Spreadsheet
<b>E. CONSTRUCTION TOTAL:</b>	\$	1,553,561.05	(A + B + C + D = E)

## REIMBURSABLE UTILTY COSTS

UTILITY OWNER	REIMBURSABLE COST
<b>TOTAL</b>	\$ -

**ATTACHMENTS:**

Detailed Cost Estimate Printout From TRAQS

**CONSTRUCTION COST ESTIMATE**

JOB NUMBER: 0012676

JOB DESCRIPTION: SR 9; SR 20; SR 306 & 369 @ 9 LOC IN FORSYTH COUNTY

DATE: 01/20/2015

PAY ITEM	DESCRIPTION	UNIT	TOTAL	PRICE	AMOUNT
150-1000	TRAFFIC CONTROL	LUMP	LUMP	\$55,000.00	55,000.00
163-0232	TEMPORARY GRASSING	AC	1	\$453.32	453.32
163-0240	MULCH	TN	10	\$144.94	1,449.40
441-0108	CONC SIDEWALK, 8 IN	SY	875	\$61.38	53,707.50
441-0748	CONC MEDIAN, 6 IN	SY	200	\$46.31	9,262.00
441-6222	CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	LF	1000	\$13.81	13,810.00
636-1041	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 9	SY	232	\$34.31	7,959.92
639-3004	STEEL STRAIN POLE, TP IV, W/ MAST ARM	EA	4	\$13,107.30	52,429.20
639-3004	STEEL STRAIN POLE, TP IV, W/ TANDEM MAST ARMS	EA	16	\$15,500.00	248,000.00
639-4004	STRAIN POLE, TP IV	EA	12	\$7,530.21	90,362.52
647-1000	TRAFFIC SIGNAL INSTALLATION NO. 1	LUMP	LUMP	\$65,000.00	\$65,000.00
647-1000	TRAFFIC SIGNAL INSTALLATION NO. 2	LUMP	LUMP	\$65,000.00	\$65,000.00
647-1000	TRAFFIC SIGNAL INSTALLATION NO. 3	LUMP	LUMP	\$65,000.00	\$65,000.00
647-1000	TRAFFIC SIGNAL INSTALLATION NO. 4	LUMP	LUMP	\$65,000.00	\$65,000.00
647-1000	TRAFFIC SIGNAL INSTALLATION NO. 5	LUMP	LUMP	\$65,000.00	\$65,000.00
647-1000	TRAFFIC SIGNAL INSTALLATION NO. 6	LUMP	LUMP	\$65,000.00	\$65,000.00
647-1000	TRAFFIC SIGNAL INSTALLATION NO. 7	LUMP	LUMP	\$65,000.00	\$65,000.00
647-1000	TRAFFIC SIGNAL INSTALLATION NO. 8	LUMP	LUMP	\$65,000.00	\$65,000.00
647-1000	TRAFFIC SIGNAL INSTALLATION NO. 9	LUMP	LUMP	\$65,000.00	\$65,000.00
647-2170	PULL BOX, PB-7	EA	6	\$1,368.03	\$8,208.18
653-0120	THERM PVMT MARKING ARROW, TP 2	EA	20	\$85.63	\$1,712.60
653-1501	THERM SOLID TRAF STRIPE, 5 IN, WHITE	LF	1300	\$0.48	\$624.00
653-1502	THERM SOLID TRAF STRIPE, 5 IN, YELLOW	LF	650	\$0.52	\$338.00
653-1704	THERM SOLID TRAF STRIPE, 24 IN, WHITE	LF	864	\$6.03	\$5,209.92
653-1804	THERM SOLID TRAF STRIPE, 8 IN, WHITE	LF	8250	\$2.26	\$18,645.00
682-6233	CONDUIT, NONMETL, TP 3, 2 IN	LF	5700	\$5.00	\$28,500.00
682-9950	DIRECTIONAL BORE - 3 IN	LF	4490	\$10.05	\$45,124.50
682-9950	DIRECTIONAL BORE - 6 IN	LF	1335	\$13.00	\$17,355.00
700-6910	PERMANENT GRASSING	AC	1	\$1,028.22	\$1,028.22
700-7000	AGRICULTURAL LIME	TN	3	\$90.16	\$270.48
700-8000	FERTILIZER MIXED GRADE	TN	3	\$134.61	\$403.83
700-8100	FERTILIZER NITROGEN CONTENT	LB	300	\$2.45	\$735.00
713-3011	WOOD FIBER BLANKET, TP I, SHOULDERS	SY	3250	\$0.87	\$2,827.50
935-1115	OUTSIDE PLANT FIBER OPTIC CABLE, LOOSE TUBE, SINGLE MODE, 48 FIBER	LF	9500	\$2.15	\$20,425.00
935-1512	OUTSIDE PLANT FIBER OPTIC CABLE, DROP SINGLE MODE, 12 FIBER	LF	450	\$1.52	\$684.00
935-3105	FIBER OPTIC CLOSURE, UNDERGROUND, 48 FIBER	EA	6	\$750.00	\$4,500.00
935-3603	FIBER OPTIC CLOSURE, FDC PRE-TERMINATED, TYPE A, 12-FIBER	EA	6	\$859.12	\$5,154.72
935-4010	FIBER OPTIC SPLICE, FUSION	EA	18	\$40.49	\$728.82
935-8500	TRAINING (FIBER OPTIC)	LS	LS	\$2,000.00	2,000.00
937-6050	INT VIDEO DET SYS ASMBLY, TP A	EA	24	\$5,300.71	\$127,217.04
937-8010	TESTING (VIDEO DETECTION)	LS	LS	\$878.03	\$878.03
937-8530	TRAINING (VIDEO DETECTION)	LS	LS	\$1,240.40	\$1,240.40
939-2300	FIELD SWITCH, TYPE A	EA	6	\$1,505.69	\$9,034.14
<b>ITEM TOTAL</b>					<b>\$1,409,125.67</b>
<b>TOTALS FOR JOB 0012676</b>					
	<b>ENGINEERING AND INSPECTION</b>				<b>\$73,979.10</b>
	<b>CONTINGENCY PERCENT ( 5%)</b>				<b>\$70,456.28</b>
	<b>ESTIMATED TOTAL</b>				<b>\$1,553,561.05</b>

# Meeting notes



<b>Project:</b>	0012676 – 10 Locations in Forsyth County		
<b>Subject:</b>	Kickoff Meeting Minutes		
<b>Date and time:</b>	12 June 2014 – 11:30	<b>Meeting no:</b>	1
<b>Meeting place:</b>	Field	<b>Minutes by:</b>	Chris Stewart
<b>Present:</b>	Steven Heng Harold Mull Kevin York Chris McJunkin Doug Fadool Vickie Simmons Troy Galloway Samuel Harris Alan Davis Ted Brown Lorie Short Chris Stewart Ashlyn Morgan	<b>Representing:</b>	GDOT - Program Delivery D1 - Construction D1 - Right-of-Way D1 - Right-of-Way D1 - Utilities D1 - Utilities GDOT - Traffic Operations GDOT - Traffic Operations GDOT - Traffic Operations Sawnee E.M.C. AT&T Wilburn Engineering Atkins

## MINUTES

- **SR 9 @ SR 306/ Keith Bridge Rd**

*Removed from project – Replaced with SR 9 @ SR 20/Dahlonega Street*

- **SR 9 @ Hutchinson Rd**

Intersection is a part of the SR 20 RTOP II corridor

Overhead and underground utilities on North side of SR 9 – phone, cable, and power

Possible mast arms to avoid utilities

Cabinet will be relocated to a different corner, most likely NW corner

Flashing Yellow Arrow (FYA) will be added for mainline left turns

Pedestrian signals and ADA accommodations will be designed for all legs

Concrete islands will be reconstructed on the South side of SR 9

Possible right-of-way issues on the SW corner

Existing fiber optic cable runs aerially on the North side of SR 9

- **SR 20 @ Bethelview Rd**

*Removed from project – Replaced with SR 9 @ Castleberry Road/West Courthouse Square*

- **SR 20 @ Doc Bramlett Rd**

Overhead and underground utilities – phone, cable, and power on cabinet corner

Intersection is split phased

Possible tandem mast arm on SW corner and NE corner, depending on utilities and right-of-way

Pedestrian signals and ADA accommodations will be designed for all legs

IVDS will be used for vehicle detection

FYA will be added for mainline left turn

Existing painted island will be removed

- **SR 20 @ Spot Rd Conn**

Drainage improvements may be needed on the NW corner

Possible tandem mast arms on the NW and SE corner, depending on right-of-way and utilities

Cabinet will be located on the South side of SR 20 for power service

Pedestrian signals and ADA accommodations will be designed for 3 legs; will coordinate with GDOT TMC on adding across driveway

FYA will be added for mainline left turn

- **SR 20 @ SR 306**

*Removed from project – Replaced with SR 9 @ Tribble Gap Road*

- **SR 306 @ Jot-em-down Rd**

Existing underground and aerial utilities – phone, cable, power

Drainage improvements will be needed on the SE corner

Possible environmental issues on the NE corner

Cabinet will be relocated from current location

Possible tandem mast arms, depending on right-of-way

Pedestrian signals and ADA accommodations will be designed for all corners

Existing painted islands will be removed

IVDS will be used for vehicle detection

- **SR 369 @ Bannister Rd**

New strain poles will be installed close to existing strain poles

New cabinet will be installed on the NE corner

Standard loops will be used for vehicle detection

FYA will be added for mainline left turns

Pedestrian signals and ADA accommodations will be designed for all corners

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Existing painted islands will be removed

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Existing yield signs will be removed and stop bars added for right turn lanes

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- **SR 369 @ Little Mill Rd**

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Overhead utilities on the North side of SR 369

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Possible tandem mast arm configuration on the NW and SE corners, depending on right-of-way

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IVDS will be used for vehicle detection

---

FYA will be added for mainline left turns

---

Pedestrian signals and ADA accommodations will be designed for all corners

---

Existing painted islands will be removed

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Existing yield signs will be removed and stop bars added for mainline right turn lanes

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- **SR 371 @ Kelly Mill Rd**

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*Removed from project – recently upgraded - Replaced with SR 9 @ Veterans Memorial Boulevard*

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