

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

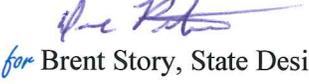
**OFFICE OF DESIGN POLICY & SUPPORT
INTERDEPARTMENTAL CORRESPONDENCE**

FILE P.I. # 0010875

OFFICE Design Policy & Support

Fulton County
GDOT District 7 - Metro Atlanta
Quick Project - SR 141 Turn Lanes

DATE September 12, 2013

FROM  Brent Story, State Design Policy Engineer

TO SEE DISTRIBUTION

SUBJECT APPROVED CONCEPT REPORT

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

Attachment

DISTRIBUTION:

Bobby Hilliard, Program Control Administrator
Genetha Rice-Singleton, State Program Delivery Engineer
Glenn Bowman, State Environmental Administrator
Cindy VanDyke, State Transportation Planning Administrator
Kathy Zahul, State Traffic Engineer
Angela Robinson, Financial Management Administrator
Lisa Myers, State Project Review Engineer
Charles "Chuck" Hasty, State Materials Engineer
Mike Bolden, State Utilities Engineer
Jeff Fletcher, Statewide Location Bureau Chief
Rachel Brown, District Engineer
Scott Lee, District Preconstruction Engineer
Patrick Allen, District Utilities Engineer
Peter Emmanuel, Project Manager
BOARD MEMBER - 6th Congressional District

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
LIMITED SCOPE PROJECT CONCEPT REPORT**

Project Type: <u>Widening</u>	P.I. Number: <u>0010875</u>
GDOT District: <u>7</u>	County: <u>Fulton</u>
Federal Route Number: <u>N/A</u>	State Route Number: <u>141</u>

Project Description:
This project will improve SR 141/Medlock Bridge Road by extending the southbound right turn lane from Old Alabama Road to State Bridge Road and extending the northbound left turn lane onto Medlock Crossing Parkway.

Submitted for approval:

Ken Niddelhardt City of Johns Creek 7/29/13
Local Government DATE

[Signature] Wolverton & Associates, Inc. 7/29/13
Consultant Designer & Firm DATE

[Signature] [Signature] 7/29/13
GDOT Project Manager DATE

[Signature] [Signature] 7/31/2013
State Program Delivery Engineer DATE

Recommendation for approval:
Glenn Bowman*/EKP 8/7/2013
State Environmental Administrator DATE

State Traffic Engineer DATE

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Plan (RTP) and/or the State Transportation Improvement Program (STIP).

FOR Matthew Fowler*/EKP 8/12/13
State Transportation Planning Administrator DATE

Approval:

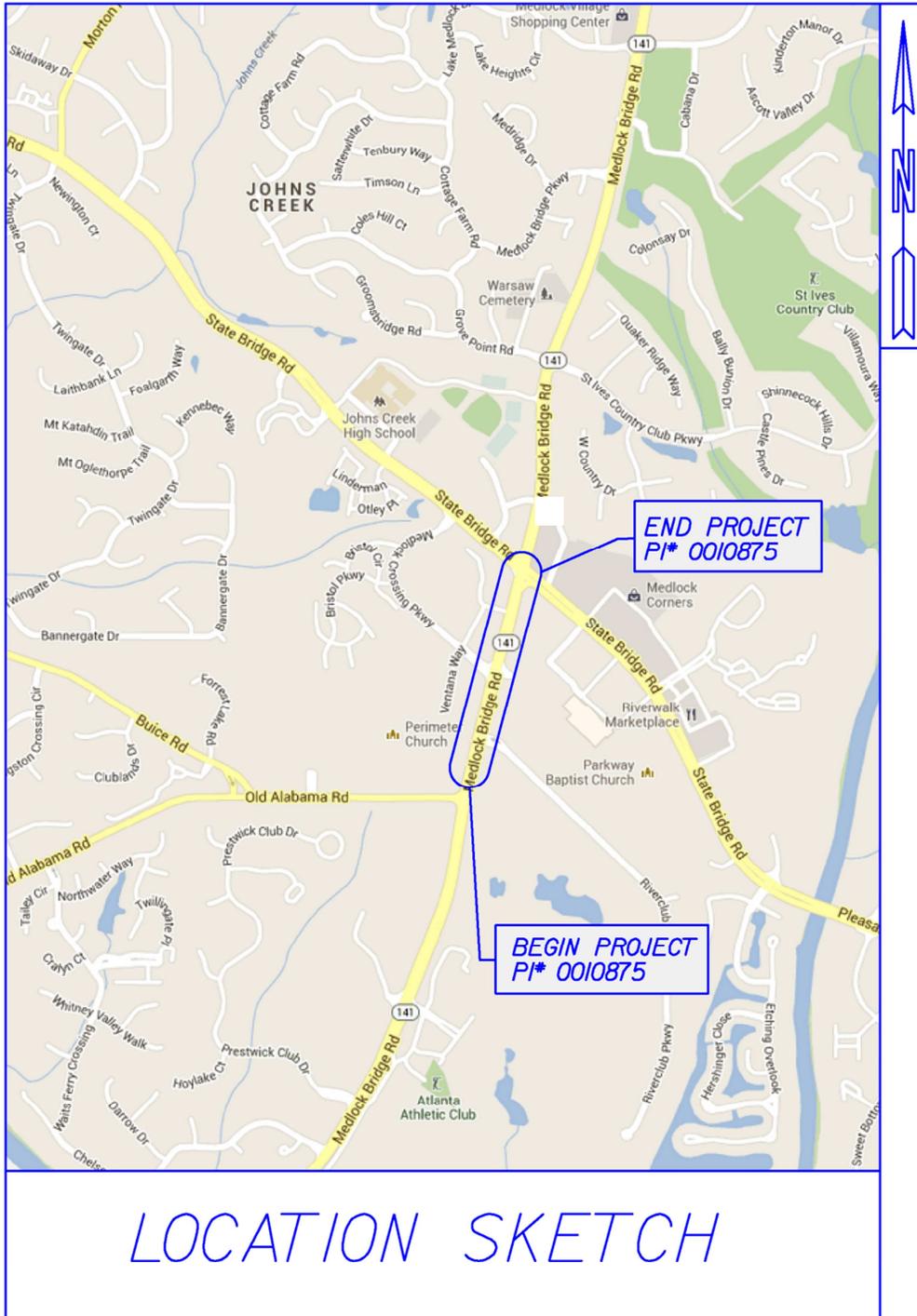
Concur: [Signature] 9/4/2013
GDOT Director of Engineering DATE

Approve: [Signature] 9/9/13
GDOT Chief Engineer DATE

** - RECOMMENDATION ON FILE*

County: Fulton

PROJECT LOCATION



LOCATION SKETCH

County: Fulton

PLANNING & BACKGROUND DATA

Project Justification Statement:

SR 141/Medlock Bridge Road experiences significant delays during both AM and PM peak hours due to capacity issues. In the project area, Medlock Bridge Road acts as a connector between State Bridge Road and Old Alabama Road. Medlock Crossing Parkway bypasses the intersection of State Bridge Road and Medlock Bridge Road for eastbound State Bridge Road traffic and northbound Medlock Bridge Road traffic.

In the AM peak, a significant amount of southbound traffic turns west onto Old Alabama Road. Currently, the southbound right turn lane at Old Alabama Road begins at Medlock Crossing Parkway, with a separate 250-foot right turn lane onto Medlock Crossing Parkway. The City of Johns Creek recommends extending the right turn lane through Medlock Crossing Parkway to the intersection with State Bridge Road. In the PM peak, field observations have also shown that the northbound left turn lane from Medlock Bridge Road onto Medlock Crossing Parkway has inadequate length.

Description of the proposed project:

This project is located in northeast Fulton County within the city of Johns Creek. This project will improve SR 141/Medlock Bridge Road by extending the existing right turn lane onto Old Alabama Road to State Bridge Road, approximately 1300 feet. The northbound left turn lane onto Medlock Crossing Parkway will also be extended to a full-width length of 500 feet. Other work associated with these improvements includes the reconstruction of concrete islands and striping to accommodate the turn lane extensions and improve the intersection operation. The traffic signals at Medlock Crossing Parkway and State Bridge Road will also be modified to accommodate the relocation of signal heads, pedestrian poles, loop detectors, pull boxes and borings.

Federal Oversight: Exempt State Funded Other

MPO: Atlanta

MPO Project ID: N/A

Regional Commission: Atlanta Regional Commission

RC Project ID: N/A

Congressional District(s): 6

Projected Traffic: ADT

Current Year (2013): 51,860 Open Year (2015): 53,955 Design Year (2035): 80,175

Traffic Projections Performed by: Wolverton & Associates, Inc.

Functional Classification (Mainline): Urban Minor Arterial Street

Is this a 3R (Resurfacing, Restoration, & Rehabilitation) Project? No Yes

Will Context Sensitive Solutions procedures be utilized? No Yes

County: Fulton

DESIGN AND STRUCTURAL DATA - Mainline Design Features: SR 141/Medlock Bridge Road

Feature	Existing	Standard*	Proposed
Typical Section			
- Number of Lanes	4 to 6	4	4 to 6
- Lane Width(s)	10-12'	11-12'	11-12'
- Median Width & Type	20' Raised	20' Raised	20' Raised
- Outside Shoulder or Border Area Width	12'	N/A	14'
- Outside Shoulder Slope	2%	N/A	2%
- Inside Shoulder Width	0'	N/A	0'
- Sidewalks	5'	5'	8-10'
- Auxiliary Lanes	Yes	Yes	Yes
- Bike Lanes	Shared	4'	Shared
Posted Speed	45 mph		45 mph
Design Speed	45 mph	45 mph	45 mph
Min Horizontal Curve Radius	N/A	711'	N/A
Superelevation Rate	2%	4%	2%
Grade	1%	6%	1%
Access Control	By Permit	By Permit	By Permit
Right-of-Way Width	Varies	N/A	Varies
Maximum Grade – Crossroad	2%	10%	2%
Design Vehicle	WB-67	WB-67	WB-67
<i>Additional Items as needed</i>			

*According to current GDOT design policy if applicable

Major Structures: N/A

Major Interchanges/Intersections: SR 141/Medlock Bridge Road at State Bridge Road, Medlock Crossing Parkway & Old Alabama Road

Utility Involvements: The following utility companies are expected to have facilities in the area:

- Atlanta Gas Light
- AT&T
- Comcast Communications
- Fulton County Water & Sewer
- Georgia Power
- MCI/Verizon

Public Interest Determination Policy and Procedure recommended (Utilities)? No Yes

SUE Required: No Yes

Railroad Involvement: N/A

Railroad Involvement: N/A

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

Warrants met: None Bicycle Pedestrian Transit

Right-of-Way:

Required Right-of-Way anticipated: No Yes Undetermined
Easements anticipated: None Temporary Permanent Utility Other

Anticipated number of impacted parcels:	2
Displacements anticipated:	Total: 0
	Businesses: 2
	Residences: 0
	Other: 0

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

Design Exceptions to FHWA/AASHTO controlling criteria anticipated: *None*

Design Variances to GDOT Standard Criteria anticipated: *None*

ENVIRONMENTAL DATA

Anticipated Environmental Document:

GEPA: NEPA: CE PCE

Project 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

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

Environmental Permits/Variations/Commitments/Coordination anticipated: An NPDES permit will be required if disturbed acreage is over 1 acre.

NEPA/GEPA Comments & Information:

County: Fulton

NEPA/GEPA: A NEPA Programmatic Categorical Exclusion is anticipated for this project. Section 4(f) impacts are not anticipated. A PIOH would not be required.

Ecology: An Ecology Assessment is underway. Field surveys have been conducted:

- No waters of the US (streams) were identified.
- There is no T & E habitat, migratory bird, or bat habitat present.
- No other significant ecological concerns were identified.

History: A review of the project corridor for historic resources has not been conducted at this time. A Historic Resources Survey Report and No Historic Properties Affected document are anticipated.

Archeology: An archeology survey has not been conducted at this time. The area is high developed and the potential for archeology sites is low. However, a survey will be conducted.

Air & Noise:

Air: The project will require an air quality impact assessment. A CO model would be required for the improvements.

Noise: The project requires no analysis for highway traffic noise impacts. Therefore, a Noise Screening Assessment for Type III projects will be prepared.

PROJECT RESPONSIBILITIES

Project Activities:

Project Activity	Party Responsible for Performing Task(s)
Concept Development	<i>Wolverton & Associates</i>
Design	<i>Wolverton & Associates</i>
Right-of-Way Acquisition	City of Johns Creek
Utility Relocation	City of Johns Creek
Letting to Contract	City of Johns Creek
Construction Supervision	City of Johns Creek
Providing Material Pits	Contractor
Providing Detours	N/A
Environmental Studies, Documents, and Permits	Edwards Pitman Environmental
Environmental Mitigation	N/A
Construction Inspection & Materials Testing	City of Johns Creek

Lighting required:

No

Yes

County: Fulton

Other projects in the area:

- PI 0009055 – Trail Signage & Trail Amenities
- PI 0012632 – SR 141 From Old Alabama Road to State Bridge Road – Connection Study
- PI M004522 – SR 141 @ Old Alabama Road, Medlock Crossing, and States Bridge Road
- PI 0007839 – State Bridge Road From SR 141 to Peachtree Industrial Boulevard
- PI 0010653 –State Bridge Rd Landscaping From Kimball Bridge to SR 141
- PI 730880- - State Bridge Road From Kimball Bridge Road SE to Medlock Bridge Road
- PI 0010328 – SR 141; Jones Bridge; Old Alabama; McGinnis & Haynes Bridge - ITS
- PI 752660- - Old Alabama Road From Buice Road to SR 141/Medlock Bridge Road
- PI 0010418 – SR 120 from State Bridge Road to Jones Bridge Road
- PI 0012788 – SR 120 from Parson Road to SR 141
- PI 0007310 – SR 120 from Jones Bridge to Parson Rd

Other coordination to date: None

Project Cost Estimate and Funding Responsibilities:

	Breakdown of PE	ROW	Reimbursable Utility	CST*	Environmental Mitigation	Total Cost
By Whom	GDOT	GDOT	GDOT	GDOT	N/A	
\$ Amount	\$250,000	\$11,637.49	\$0	\$396,197.74		\$657,835.23
Date of Estimate	8/14/2013	8/13/2013	8/14/2013	8/14/2013		

*CST Cost includes: Construction, Engineering and Inspection, and Liquid AC Cost Adjustment.

ALTERNATIVES

Preferred Alternative: Extension of third through lane from Medlock Crossing Parkway to State Bridge Road and extension of the northbound left turn bay onto Medlock Crossing Parkway to 500 feet.			
Estimated Property Impacts:	1	Estimated Total Cost:	\$657,835.23
Estimated ROW Cost:	\$11,637.49	Estimated CST Time:	12 months
Rationale: Delays and congestion will be decreased through the project area with the proposed improvements.			

No-Build Alternative:			
Estimated Property Impacts:	0	Estimated Total Cost:	\$0
Estimated ROW Cost:	\$0	Estimated CST Time:	0 months
Rationale: Existing delays and congestion will continue if not improvements are made.			

Alternative 1: N/A			
Estimated Property Impacts:		Estimated Total Cost:	
Estimated ROW Cost:		Estimated CST Time:	
Rationale			

Comments/additional information: N/A

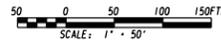
Attachments:

1. Concept Layout
2. Typical sections
3. Cost Estimates
 - a. CES Cost Estimate
 - b. Liquid AC / Fuel Price Adjustment
 - c. ROW Cost Estimate
 - d. Utility Cost Estimate
4. Crash Summaries
5. Traffic Diagrams
6. Concept Team Meeting Minutes
7. Signed Agreements (PFA) – Approved June 24, 2013

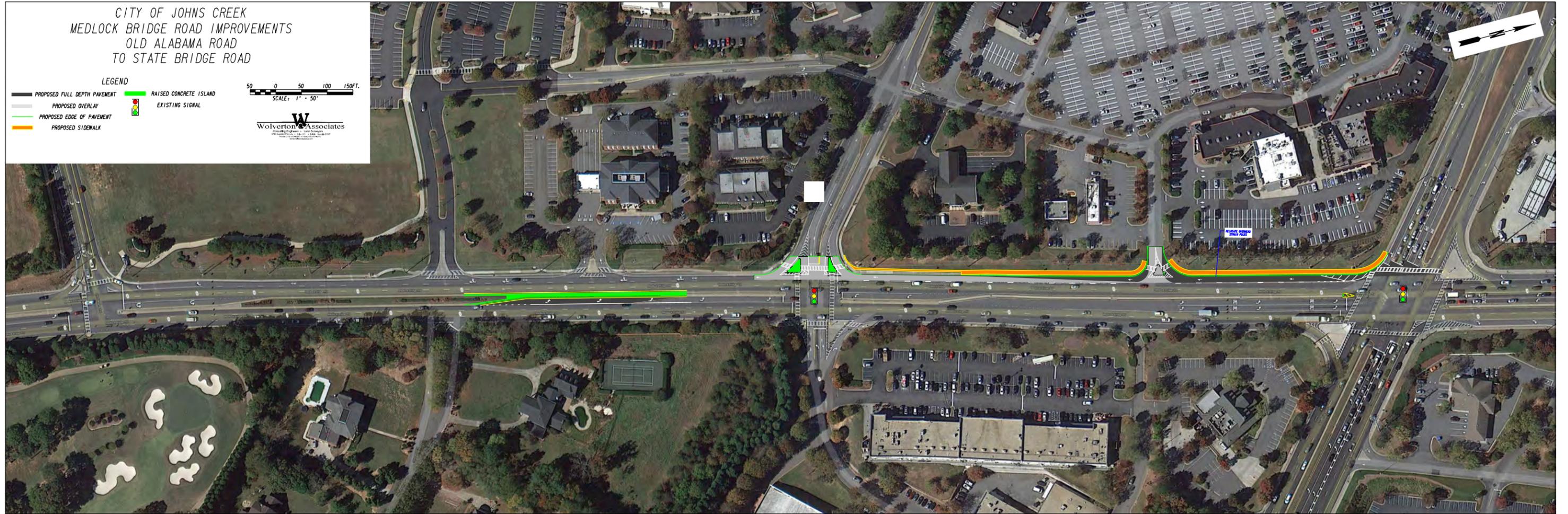
CITY OF JOHNS CREEK
MEDLOCK BRIDGE ROAD IMPROVEMENTS
OLD ALABAMA ROAD
TO STATE BRIDGE ROAD

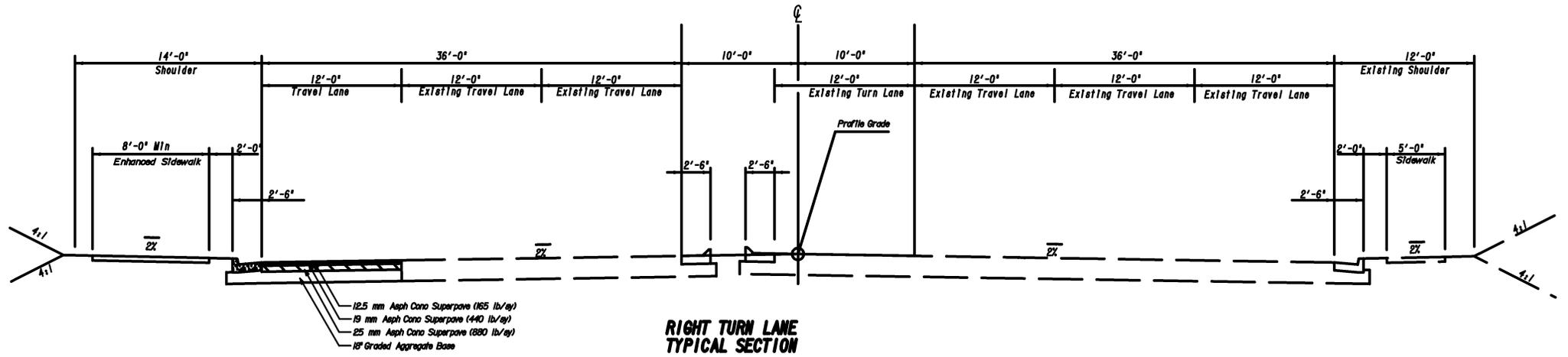
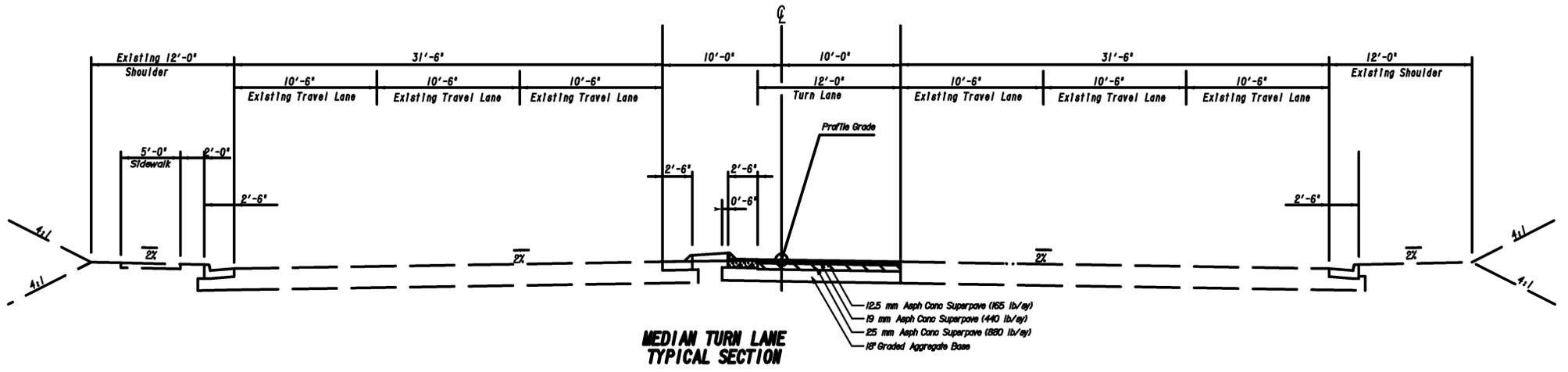
LEGEND

- PROPOSED FULL DEPTH PAVEMENT
- PROPOSED OVERLAY
- PROPOSED EDGE OF PAVEMENT
- PROPOSED SIDEWALK
- RAISED CONCRETE ISLAND
- EXISTING SIGNAL



W
Wolverton Associates
CONSULTING ENGINEERS & ARCHITECTS
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JOHNS CREEK, GA 30145
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WWW.WOLVERTONASSOCIATES.COM





PROJ. NO. [REDACTED]
 P.I. NO. 0010875
 DATE 8/14/2013

CALL NO.

INDEX (TYPE)	DATE	INDEX
REG. UNLEADED	Aug-13	\$ 3.428
DIESEL		\$ 3.970
LIQUID AC		\$ 576.00

Link to Fuel and AC Index:
<http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx>

LIQUID AC ADJUSTMENTS

PA=[((APM-APL)/APL)]xTMTxAPL

Asphalt

Price Adjustment (PA)					27820.8	\$	27,820.80
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$		921.60		
Monthly Asphalt Cement Price month project let (APL)			\$		576.00		
Total Monthly Tonnage of asphalt cement (TMT)					80.5		

ASPHALT	Tons	%AC	AC ton
Leveling		5.0%	0
12.5 OGFC		5.0%	0
12.5 mm	280	5.0%	14
9.5 mm SP		5.0%	0
25 mm SP	790	5.0%	39.5
19 mm SP	540	5.0%	27
	1610		80.5

BITUMINOUS TACK COAT

Price Adjustment (PA)					\$	890.63	\$	890.63
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$		921.60			
Monthly Asphalt Cement Price month project let (APL)			\$		576.00			
Total Monthly Tonnage of asphalt cement (TMT)					2.577060553			

Bitum Tack

Gals	gals/ton	tons
600	232.8234	2.577060553

BITUMINOUS TACK COAT (surface treatment)

Price Adjustment (PA)					\$	0	\$	-
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$		921.60			
Monthly Asphalt Cement Price month project let (APL)			\$		576.00			
Total Monthly Tonnage of asphalt cement (TMT)					0			

Bitum Tack

	SY	Gals/SY	Gals	gals/ton	tons
Single Surf. Trmt.		0.20	0	232.8234	0
Double Surf.Trmt.		0.44	0	232.8234	0
Triple Surf. Trmt		0.71	0	232.8234	0
					0

TOTAL LIQUID AC ADJUSTMENT \$ 28,711.43

August 13, 2013

Preliminary Right of Way Cost Estimate

		#Parcels	2			8/13/2013
Medlock Bridge						
Southbound Improvements		PI# 10875				
Parcel	Base value	SF of R/W	SF of Perm Easmt	SF of Temp Easmt	Damages	Total
1	\$ 8.00			1886.26		\$ 1,509.01
2	\$ 8.00			2944.46		\$ 2,355.57
Total R/W, Perm,Temp,Damages						\$ 3,864.58
Site Improvements						\$ -
Subtotal						\$ 3,864.58
Settlements, Condemnation Increase (20% of subtotal)						\$ 772.92
Total Land						\$ 4,637.49
Service Fees and Appraisal Costs (# Parcels x \$3500)						\$ 7,000.00
Service Fee Break Down:						
Appraiser:	\$ 1,500.00					
Negotiator:	\$ 1,000.00					
Legal:	\$ 1,000.00					
Condemnation Cost (# of Parcels x 15% x \$7,500)						\$ -
Total Service						\$ 7,000.00
Grandtotal						\$ 11,637.49

Prepared By: Kevin Dye, Right-of-Way/Utility Coordinator

Utility Cost Estimate

Date: August 14, 2013

Project: PI 0010875

Project Description: Medlock Bridge Road Improvements from Old Alabama Road to State Bridge Road

The following is a summary of anticipated utility conflicts. Each conflict is a non-reimbursable expense.

Utility Relocation	# of Conflicts	Reimbursable Cost per Conflict	Total Cost per Utility
Telephone Hand Hole	1	\$0	\$0
Water Valve Adjustment	2	\$0	\$0
Water Meter Adjustments	3	\$0	\$0
Fire Hydrant	1	\$0	\$0
		Total Utility Costs	\$0

This utility cost estimate was completed according to the conceptual layout and QL-D SUE and assumes underground utilities (fiber optic, telephone, electric and water) have adequate ground cover for the proposed widening and can be avoided during the drainage design. This will be confirmed during the QL-A SUE and preliminary plan design.

Completed By: Wolverton & Associates, Inc.

Crash Summary - SR 141 from Old Alabama Road (SR 961) to State Bridge Road

Date	Time	Injuries	Fatalities	Collision	Location of Impact	Light	Surface
3/5/2007	4:15 PM	0	0	Not A Collision With A Motor Vehicle	On Roadway	Daylight	Dry
3/3/2007	8:43 PM	2	0	Rear End	On Roadway	Dark-Lighted	Dry
9/23/2007	2:30 PM	0	0	Angle	On Roadway	Daylight	Dry
11/21/2007	7:40 PM	0	0	Angle	On Roadway	Daylight	Wet
7/21/2007	10:10 AM	0	0	Rear End	On Roadway	Daylight	Dry
8/20/2007	4:32 PM	0	0	Angle	On Roadway	Daylight	Dry
11/29/2007	6:26 PM	0	0	Rear End	On Roadway	Dark-Not Lighted	Dry
8/14/2007	9:20 AM	0	0	Rear End	On Roadway	Daylight	Dry
8/2/2007	7:43 PM	0	0	Angle	On Roadway	Daylight	Dry
12/16/2007	12:24 AM	0	0	Rear End	On Roadway	Dark-Lighted	Wet
10/19/2007	6:25 PM	0	0	Rear End	On Roadway	Daylight	Dry
11/19/2007	3:15 PM	0	0	Rear End	On Roadway	Daylight	Dry
10/30/2007	8:20 AM	0	0	Rear End	On Roadway	Daylight	Dry
10/12/2007	4:00 PM	0	0	Rear End	On Roadway	Daylight	Dry
9/13/2007	12:35 PM	0	0	Rear End	On Roadway	Daylight	Dry
4/4/2007	6:52 AM	0	0	Rear End	On Roadway	Daylight	Dry
3/26/2007	7:15 PM	0	0	Angle	On Roadway	Daylight	Dry
3/26/2007	3:02 PM	1	0	Rear End	On Roadway	Daylight	Dry
3/10/2007	8:01 AM	2	0	Angle	On Roadway	Daylight	Wet
1/24/2007	7:15 PM	0	0	Rear End	On Roadway	Dark-Lighted	Dry
2/6/2007	9:14 AM	0	0	Rear End	On Roadway	Daylight	Dry
1/19/2007	7:10 PM	0	0	Rear End	On Roadway	Dark-Not Lighted	Dry
12/18/2007	7:05 AM	0	0	Angle	On Roadway	Dawn	Dry
12/17/2007	5:30 PM	0	0	Rear End	On Roadway	Daylight	Dry
6/14/2007	10:07 AM	0	0	Angle	On Roadway	Daylight	Dry
5/14/2007	9:40 AM	0	0	Rear End	On Roadway	Daylight	Dry
4/24/2007	5:19 PM	0	0	Rear End	On Roadway	Daylight	Dry
12/13/2007	5:23 PM	1	0	Rear End	On Roadway	Dusk	Wet
10/27/2007	9:26 AM	0	0	Angle	On Roadway	Daylight	Dry
10/17/2007	8:00 PM	0	0	Angle	On Roadway	Daylight	Dry
8/24/2007	1:27 PM	0	0	Rear End	On Roadway	Daylight	Dry
7/26/2007	4:25 PM	0	0	Rear End	On Roadway	Daylight	Dry
6/15/2007	7:55 AM	0	0	Rear End	On Roadway	Daylight	Dry
6/18/2007	9:05 AM	0	0	Rear End	On Roadway	Daylight	Dry
4/26/2007	6:00 PM	0	0	Rear End	On Roadway	Daylight	Dry
2/13/2007	7:10 AM	0	0	Rear End	On Roadway	Dawn	Dry
11/20/2007	7:11 PM	0	0	Rear End	On Roadway	Daylight	Dry
7/20/2007	3:35 PM	0	0	Rear End	On Roadway	Daylight	Wet
4/5/2007	3:45 PM	0	0	Rear End	On Roadway	Daylight	Dry
8/3/2007	9:15 AM	0	0	Rear End	On Roadway	Daylight	Dry
12/4/2007	11:00 AM	0	0	Rear End	On Roadway	Daylight	Dry
8/9/2007	9:51 AM	0	0	Rear End	On Roadway	Daylight	Dry
2/14/2007	3:18 PM	0	0	Rear End	On Roadway	Daylight	Dry
2/22/2007	9:35 AM	2	0	Rear End	On Roadway	Daylight	Dry
4/18/2007	10:25 AM	0	0	Rear End	On Roadway	Daylight	Dry
7/28/2007	3:57 PM	0	0	Rear End	On Roadway	Daylight	Dry
3/23/2007	2:05 PM	0	0	Rear End	On Roadway	Daylight	Dry
1/22/2007	12:05 PM	2	0	Rear End	On Roadway	Daylight	Wet
7/16/2007	9:20 AM	0	0	Angle	On Roadway	Daylight	Dry
10/24/2007	4:25 PM	0	0	Rear End	On Roadway	Daylight	Wet
6/15/2007	2:30 PM	0	0	Rear End	On Roadway	Daylight	Dry
12/11/2007	4:00 PM	0	0	Rear End	On Roadway	Daylight	Dry
3/7/2007	3:51 PM	0	0	Rear End	On Roadway	Daylight	Dry
9/29/2007	9:46 AM	0	0	Rear End	On Roadway	Daylight	Dry
10/12/2007	10:23 PM	1	0	Rear End	On Roadway	Dark-Not Lighted	Dry
11/22/2007	12:20 AM	0	0	Not A Collision With A Motor Vehicle	Off Roadway	Dark-Lighted	Wet
9/28/2007	5:05 PM	0	0	Rear End	On Roadway	Daylight	Dry
10/30/2007	7:15 PM	0	0	Rear End	On Roadway	Daylight	Dry
4/20/2007	11:08 AM	2	0	Rear End	On Roadway	Daylight	Dry
3/27/2007	6:53 AM	0	0	Rear End	On Roadway	Dark-Lighted	Dry
2/8/2007	7:15 AM	0	0	Rear End	On Roadway	Dawn	Dry
1/28/2007	12:35 PM	0	0	Rear End	On Roadway	Daylight	Dry
1/15/2007	12:00 PM	0	0	Rear End	On Roadway	Daylight	Dry
1/10/2007	6:37 AM	0	0	Sideswipe - Same Direction	On Roadway	Daylight	Dry
12/18/2007	4:30 PM	0	0	Rear End	On Roadway	Daylight	Dry
12/20/2007	4:40 PM	1	0	Head On	On Roadway	Daylight	Wet
12/20/2007	7:00 PM	2	0	Angle	On Roadway	Dark-Not Lighted	Wet
4/16/2007	2:52 AM	0	0	Rear End	On Roadway	Dark-Lighted	Dry

6/10/2007	1:10 AM	0	0	Angle	On Roadway	Dark-Lighted	Dry
6/7/2007	5:10 PM	0	0	Angle	On Roadway	Daylight	Dry
5/14/2007	1:15 PM	2	0	Rear End	On Roadway	Daylight	Dry
5/11/2007	10:20 PM	1	0	Head On	On Shoulder	Dark-Lighted	Dry
5/10/2007	4:03 PM	3	0	Angle	On Roadway	Daylight	Dry
4/23/2007	5:52 PM	0	0	Angle	On Roadway	Daylight	Dry
12/11/2007	7:00 PM	0	0	Rear End	On Roadway	Daylight	Dry
12/9/2007	6:50 PM	0	0	Angle	On Roadway	Dark-Lighted	Dry
10/26/2007	11:46 AM	0	0	Angle	On Roadway	Dark-Lighted	Dry
10/30/2007	1:40 PM	0	0	Rear End	On Roadway	Daylight	Dry
5/21/2007	8:40 AM	0	0	Rear End	On Roadway	Daylight	Dry
8/5/2007	11:00 AM	0	0	Rear End	On Roadway	Daylight	Dry
11/17/2007	11:00 AM	0	0	Rear End	On Roadway	Daylight	Dry
11/17/2007	10:30 AM	0	0	Rear End	On Roadway	Daylight	Dry
7/30/2007	1:47 PM	0	0	Rear End	On Roadway	Daylight	Dry
7/12/2007	2:39 PM	0	0	Rear End	On Roadway	Daylight	Dry
10/19/2007	8:31 AM	0	0	Rear End	On Roadway	Daylight	Wet
3/19/2007	5:11 PM	1	0	Rear End	On Roadway	Daylight	Dry
12/20/2007	8:00 PM	0	0	Rear End	On Roadway	Dark-Lighted	Wet
1/29/2007	2:25 PM	0	0	Rear End	On Roadway	Daylight	Dry
9/5/2007	4:35 PM	0	0	Rear End	On Roadway	Daylight	Dry
2/28/2007	4:59 PM	0	0	Sideswipe - Same Direction	On Roadway	Daylight	Dry
12/21/2007	1:36 PM	0	0	Angle	On Roadway	Daylight	Dry
11/9/2007	6:57 PM	0	0	Sideswipe - Same Direction	On Roadway	Dark-Lighted	Dry
2/6/2007	1:50 PM	0	0	Rear End	On Roadway	Daylight	Dry
12/22/2007	6:49 PM	0	0	Rear End	On Roadway	Dark-Lighted	Wet
4/7/2007	2:54 PM	0	0	Rear End	On Roadway	Daylight	Dry
6/3/2007	5:45 PM	1	0	Rear End	On Roadway	Daylight	Dry
1/29/2007	7:55 AM	0	0	Rear End	On Roadway	Daylight	Dry
9/24/2007	6:55 AM	0	0	Rear End	On Roadway	Dawn	Dry
9/27/2007	4:06 PM	0	0	Rear End	On Roadway	Daylight	Dry
11/8/2007	2:35 PM	0	0	Rear End	On Roadway	Daylight	Dry
2/6/2007	1:05 PM	0	0	Rear End	On Roadway	Daylight	Dry
2/9/2007	1:20 PM	0	0	Rear End	On Roadway	Daylight	Dry
2/21/2007	9:25 PM	0	0	Angle	On Roadway	Dark-Lighted	Dry
3/3/2007	2:50 AM	0	0	Angle	On Roadway	Dark-Lighted	Dry
9/12/2007	5:15 PM	0	0	Rear End	On Roadway	Daylight	Dry
5/21/2007	11:50 PM	0	0	Not A Collision With A Motor Vehicle	On Roadway	Dark-Lighted	Dry
5/15/2007	10:30 PM	0	0	Rear End	On Roadway	Dark-Lighted	Dry
3/23/2007	3:16 AM	0	0	Not A Collision With A Motor Vehicle	Off Roadway	Dark-Lighted	Dry
3/24/2007	5:10 PM	0	0	Rear End	On Roadway	Daylight	Dry
3/20/2007	7:44 PM	1	0	Not A Collision With A Motor Vehicle	On Roadway	Daylight	Dry
4/1/2007	2:00 AM	1	0	Rear End	On Roadway	Dark-Lighted	Dry
3/17/2007	2:00 PM	0	0	Rear End	On Roadway	Daylight	Dry
6/5/2007	6:20 AM	0	0	Rear End	On Roadway	Daylight	Dry
1/1/2007	5:59 PM	0	0	Rear End	On Roadway	Dusk	Wet
5/11/2007	8:24 PM	0	0	Angle	On Roadway	Dusk	Wet
5/18/2007	3:22 PM	0	0	Rear End	On Roadway	Daylight	Dry
5/30/2007	8:23 AM	0	0	Angle	On Roadway	Daylight	Dry
4/4/2007	6:25 AM	0	0	Angle	On Roadway	Dark-Not Lighted	Wet
4/4/2007	2:00 PM	0	0	Rear End	On Roadway	Daylight	Dry
3/29/2007	5:05 PM	0	0	Angle	On Roadway	Daylight	Dry
3/15/2007	11:23 AM	0	0	Angle	On Roadway	Daylight	Dry
3/20/2007	3:47 PM	0	0	Rear End	On Roadway	Daylight	Dry
3/11/2007	3:25 PM	0	0	Rear End	On Roadway	Daylight	Dry
3/15/2007	7:40 AM	0	0	Angle	On Roadway	Daylight	Dry
2/1/2007	8:08 PM	0	0	Angle	On Roadway	Dark-Not Lighted	Wet
1/13/2007	2:06 PM	0	0	Rear End	On Roadway	Daylight	Dry
1/15/2007	9:50 PM	2	0	Angle	On Roadway	Dark-Lighted	Wet
1/2/2007	7:51 PM	0	0	Rear End	On Roadway	Dark-Lighted	Dry
1/10/2007	6:25 AM	0	0	Angle	On Roadway	Dark-Lighted	Dry
1/10/2007	7:00 AM	0	0	Angle	On Roadway	Dark-Lighted	Dry
1/19/2007	2:58 PM	0	0	Rear End	On Roadway	Daylight	Dry
12/27/2007	3:29 PM	0	0	Rear End	On Roadway	Daylight	Dry
7/11/2007	8:47 AM	0	0	Rear End	On Roadway	Daylight	Dry
12/25/2007	1:11 PM	0	0	Rear End	On Roadway	Daylight	Wet
12/23/2007	1:05 AM	0	0	Not A Collision With A Motor Vehicle	Gore	Dark-Lighted	Wet
10/31/2007	2:50 PM	0	0	Rear End	On Roadway	Daylight	Dry
9/5/2007	4:37 PM	0	0	Rear End	On Roadway	Daylight	Dry
8/21/2007	8:43 AM	0	0	Angle	On Roadway	Daylight	Dry

7/18/2007	10:09 PM	0	0	Rear End	On Roadway	Dark-Lighted	Dry
6/19/2007	11:30 PM	0	0	Rear End	On Roadway	Daylight	Dry
7/3/2007	9:25 AM	0	0	Rear End	On Roadway	Daylight	Dry
7/14/2007	8:22 AM	0	0	Rear End	On Roadway	Daylight	Dry
7/16/2007	10:15 PM	0	0	Rear End	On Roadway	Dark-Not Lighted	Wet
6/27/2007	3:24 PM	0	0	Angle	On Roadway	Daylight	Dry
12/17/2007	1:35 PM	0	0	Rear End	On Roadway	Daylight	Dry
12/14/2007	9:12 PM	0	0	Rear End	On Roadway	Dark-Lighted	Dry
12/13/2007	3:00 PM	0	0	Angle	On Roadway	Daylight	Dry
12/11/2007	4:20 PM	0	0	Rear End	On Roadway	Daylight	Dry
10/21/2007	1:35 PM	0	0	Rear End	On Roadway	Daylight	Dry
10/19/2007	6:00 PM	0	0	Rear End	On Roadway	Daylight	Dry
11/17/2007	11:30 PM	0	0	Rear End	On Roadway	Dark-Lighted	Dry
7/10/2007	7:58 AM	0	0	Rear End	On Roadway	Daylight	Dry
7/3/2007	12:05 PM	0	0	Rear End	On Roadway	Daylight	Dry
5/31/2007	3:30 PM	1	0	Rear End	On Roadway	Daylight	Dry
6/5/2007	11:07 PM	0	0	Rear End	On Roadway	Dark-Lighted	Dry
6/2/2007	12:09 PM	0	0	Rear End	On Roadway	Daylight	Dry
5/5/2007	2:13 PM	0	0	Rear End	On Roadway	Daylight	Dry
12/22/2007	6:15 PM	1	0	Rear End	On Roadway	Dark-Lighted	Wet
12/21/2007	4:30 PM	0	0	Rear End	On Roadway	Daylight	Dry
11/30/2007	6:40 AM	0	0	Rear End	On Roadway	Dawn	Dry
12/11/2007	8:30 AM	0	0	Angle	On Roadway	Daylight	Dry
12/7/2007	10:20 PM	0	0	Rear End	On Roadway	Dark-Lighted	Dry
12/3/2007	6:50 PM	0	0	Rear End	On Roadway	Dark-Lighted	Dry
11/17/2007	3:38 PM	0	0	Rear End	On Roadway	Daylight	Dry
11/13/2007	3:05 PM	0	0	Rear End	On Roadway	Daylight	Dry
11/2/2007	9:35 AM	0	0	Rear End	On Roadway	Daylight	Dry
10/7/2007	4:50 AM	0	0	Rear End	On Roadway	Dark-Lighted	Dry
8/5/2007	6:34 PM	0	0	Rear End	On Roadway	Daylight	Dry
10/8/2007	10:10 AM	0	0	Rear End	On Roadway	Daylight	Dry
10/6/2007	10:52 AM	0	0	Rear End	On Roadway	Daylight	Dry
10/4/2007	3:30 PM	0	0	Rear End	On Roadway	Daylight	Dry
9/27/2007	10:32 PM	0	0	Rear End	On Roadway	Dark-Not Lighted	Dry
9/23/2007	6:00 PM	1	0	Rear End	On Roadway	Daylight	Dry
9/22/2007	1:53 PM	0	0	Rear End	On Roadway	Daylight	Dry
9/20/2007	3:43 PM	1	0	Rear End	On Roadway	Daylight	Dry
5/26/2007	1:30 PM	0	0	Rear End	On Roadway	Daylight	Dry
9/8/2007	1:45 PM	0	0	Rear End	On Roadway	Daylight	Dry
7/23/2007	4:50 AM	2	0	Angle	On Roadway	Dark-Not Lighted	Dry
6/17/2007	10:01 AM	0	0	Rear End	On Roadway	Daylight	Dry
11/26/2007	6:35 AM	0	0	Rear End	On Roadway	Dark-Lighted	Wet
11/21/2007	8:33 AM	0	0	Rear End	On Roadway	Daylight	Dry
9/13/2007	6:08 PM	0	0	Not A Collision With A Motor Vehicle	On Shoulder	Daylight	Wet
4/27/2007	8:41 AM	0	0	Rear End	On Roadway	Daylight	Dry
3/29/2007	2:10 PM	0	0	Rear End	On Roadway	Daylight	Dry
3/27/2007	7:05 AM	0	0	Rear End	On Roadway	Daylight	Dry
3/10/2007	3:15 PM	0	0	Angle	On Roadway	Daylight	Dry
1/6/2007	1:53 PM	0	0	Rear End	On Roadway	Daylight	Dry
2/20/2007	8:44 PM	0	0	Angle	On Roadway	Dark-Lighted	Wet
2/20/2007	3:29 PM	0	0	Rear End	On Roadway	Daylight	Dry
2/21/2007	8:45 PM	0	0	Angle	On Roadway	Dark-Lighted	Dry
9/19/2007	4:38 PM	0	0	Rear End	On Roadway	Daylight	Dry
4/24/2007	4:42 PM	0	0	Rear End	On Roadway	Daylight	Dry
2/17/2008	5:50 PM	0	0	Angle	On Roadway	Daylight	Wet
8/21/2008	4:48 PM	0	0	Rear End	On Roadway	Daylight	Dry
7/11/2008	5:45 PM	1	0	Rear End	On Roadway	Daylight	Dry
7/29/2008	11:37 AM	0	0	Rear End	On Roadway	Daylight	Dry
8/6/2008	9:15 AM	0	0	Rear End	On Roadway	Daylight	Dry
7/6/2008	7:15 PM	0	0	Rear End	On Roadway	Daylight	Dry
1/5/2008	7:24 PM	0	0	Angle	On Roadway	Dark-Lighted	Dry
12/2/2008	6:00 PM	0	0	Rear End	On Roadway	Dark-Not Lighted	Dry
12/20/2008	7:50 PM	2	0	Rear End	On Roadway	Dark-Lighted	Wet
12/13/2008	6:50 PM	1	0	Angle	On Roadway	Dark-Lighted	Dry
4/4/2008	4:34 PM	1	0	Rear End	On Roadway	Daylight	Wet
3/29/2008	11:03 AM	0	0	Rear End	On Roadway	Daylight	Dry
4/26/2008	6:20 PM	0	0	Sideswipe - Opposite Direction	On Roadway	Daylight	Wet
4/14/2008	12:49 PM	0	0	Angle	On Roadway	Daylight	Dry
4/24/2008	6:42 PM	1	0	Rear End	On Roadway	Daylight	Dry
3/25/2008	3:24 PM	0	0	Rear End	On Roadway	Daylight	Dry

3/19/2008	6:46 PM	0	0	Rear End	On Roadway	Daylight	Dry
3/12/2008	5:20 PM	0	0	Head On	On Roadway	Daylight	Dry
12/11/2008	5:41 PM	0	0	Rear End	On Roadway	Dark-Lighted	Dry
11/7/2008	9:10 AM	0	0	Rear End	On Roadway	Daylight	Dry
11/10/2008	9:57 PM	0	0	Angle	On Roadway	Dark-Lighted	Dry
11/21/2008	12:06 PM	0	0	Rear End	On Roadway	Daylight	Dry
11/21/2008	7:59 PM	0	0	Rear End	On Roadway	Dark-Not Lighted	Dry
12/4/2008	7:27 PM	0	0	Rear End	On Roadway	Dark-Not Lighted	Wet
11/28/2008	12:47 PM	0	0	Rear End	On Roadway	Daylight	Dry
10/13/2008	4:35 PM	0	0	Rear End	On Roadway	Daylight	Dry
10/2/2008	6:25 PM	0	0	Rear End	On Roadway	Daylight	Dry
9/14/2008	11:28 AM	0	0	Rear End	On Roadway	Daylight	Dry
9/14/2008	10:45 AM	0	0	Rear End	On Roadway	Daylight	Dry
6/25/2008	9:37 PM	0	0	Sideswipe - Same Direction	On Roadway	Dark-Lighted	Dry
2/29/2008	2:19 PM	0	0	Angle	On Roadway	Daylight	Dry
5/5/2008	5:25 PM	1	0	Rear End	On Roadway	Daylight	Dry
3/28/2008	8:22 AM	0	0	Rear End	On Roadway	Daylight	Dry
4/9/2008	4:38 PM	0	0	Rear End	On Roadway	Daylight	Dry
10/17/2008	9:40 AM	0	0	Sideswipe - Opposite Direction	On Roadway	Daylight	Wet
10/16/2008	7:20 AM	0	0	Rear End	On Roadway	Daylight	Dry
5/2/2008	9:55 AM	0	0	Angle	On Roadway	Daylight	Dry
10/8/2008	6:48 PM	0	0	Angle	On Roadway	Daylight	Wet
4/26/2008	5:34 PM	0	0	Rear End	On Roadway	Daylight	Wet
3/25/2008	8:26 AM	0	0	Angle	On Shoulder	Daylight	Dry
1/21/2008	1:03 PM	0	0	Rear End	On Roadway	Daylight	Dry
4/21/2008	10:39 AM	0	0	Rear End	On Roadway	Daylight	Dry
8/21/2008	10:50 AM	0	0	Rear End	On Roadway	Daylight	Dry
2/6/2008	10:45 AM	0	0	Rear End	On Roadway	Daylight	Wet
5/28/2008	11:15 AM	0	0	Rear End	On Roadway	Daylight	Dry
5/12/2008	7:20 AM	0	0	Rear End	On Roadway	Daylight	Dry
11/2/2008	12:20 PM	0	0	Rear End	On Roadway	Daylight	Dry
7/11/2008	6:45 PM	1	0	Rear End	On Roadway	Daylight	Dry
5/29/2008	9:30 PM	1	0	Rear End	On Roadway	Dark-Lighted	Dry
9/30/2008	4:20 PM	0	0	Rear End	On Roadway	Daylight	Dry
1/8/2008	9:50 PM	1	0	Rear End	On Roadway	Dark-Lighted	Dry
9/9/2008	8:00 AM	0	0	Rear End	On Roadway	Daylight	Dry
9/2/2008	7:15 AM	0	0	Rear End	On Roadway	Daylight	Dry
9/24/2008	4:10 PM	0	0	Rear End	On Roadway	Daylight	Dry
6/16/2008	4:00 PM	0	0	Rear End	On Roadway	Daylight	Dry
6/30/2008	8:40 AM	0	0	Rear End	On Roadway	Daylight	Dry
6/24/2008	3:30 PM	0	0	Rear End	On Roadway	Daylight	Dry
6/18/2008	9:55 AM	0	0	Rear End	On Roadway	Daylight	Dry
6/3/2008	8:00 AM	0	0	Rear End	On Roadway	Daylight	Dry
3/31/2008	5:31 PM	1	0	Rear End	On Roadway	Daylight	Dry
3/28/2008	7:15 AM	5	0	Angle	On Roadway	Daylight	Dry
3/15/2008	7:15 AM	0	0	Rear End	On Roadway	Dark-Lighted	Wet
3/9/2008	4:55 PM	0	0	Rear End	On Roadway	Daylight	Dry
3/8/2008	11:41 AM	0	0	Rear End	On Roadway	Daylight	Dry
2/20/2008	7:55 AM	0	0	Rear End	On Roadway	Daylight	Dry
7/4/2008	12:26 AM	0	0	Angle	On Roadway	Dark-Lighted	Dry
7/26/2008	9:30 AM	0	0	Rear End	On Roadway	Daylight	Dry
12/10/2008	12:00 PM	1	0	Not A Collision With A Motor Vehicle	Off Roadway	Daylight	Wet
12/9/2008	5:55 PM	0	0	Rear End	On Roadway	Dark-Not Lighted	Dry
12/10/2008	2:55 PM	0	0	Rear End	On Roadway	Daylight	Wet
5/15/2008	6:35 PM	0	0	Rear End	On Roadway	Daylight	Wet
5/15/2008	8:35 AM	0	0	Angle	On Roadway	Daylight	Dry
1/9/2008	11:07 AM	0	0	Angle	On Roadway	Daylight	Dry
2/21/2008	11:50 PM	0	0	Rear End	On Roadway	Dark-Not Lighted	Wet
10/31/2008	5:30 PM	0	0	Rear End	On Roadway	Daylight	Dry
12/16/2008	8:00 AM	0	0	Rear End	On Roadway	Daylight	Wet
2/27/2008	5:00 PM	0	0	Rear End	On Roadway	Daylight	Dry
11/10/2008	5:28 PM	0	0	Rear End	On Roadway	Daylight	Dry
12/18/2008	6:05 PM	0	0	Sideswipe - Same Direction	On Roadway	Dusk	Wet
3/4/2008	12:15 PM	0	0	Sideswipe - Same Direction	On Roadway	Daylight	Wet
1/24/2008	8:02 PM	3	0	Rear End	On Roadway	Dark-Not Lighted	Dry
2/27/2008	7:44 PM	1	0	Angle	On Roadway	Dark-Lighted	Dry
5/21/2008	8:55 AM	0	0	Rear End	On Roadway	Daylight	Dry
3/21/2008	12:36 PM	0	0	Rear End	On Roadway	Daylight	Dry
6/18/2008	4:10 PM	0	0	Rear End	On Roadway	Daylight	Dry
6/15/2008	2:30 PM	0	0	Rear End	On Roadway	Daylight	Dry

6/2/2008	4:50 PM	0	0	Sideswipe - Same Direction	On Roadway	Daylight	Dry
5/30/2008	7:15 PM	0	0	Rear End	On Roadway	Daylight	Dry
5/30/2008	2:00 PM	0	0	Angle	On Roadway	Daylight	Dry
5/23/2008	11:00 AM	0	0	Rear End	On Roadway	Daylight	Dry
5/20/2008	9:45 AM	0	0	Rear End	On Roadway	Daylight	Dry
5/18/2008	6:39 PM	0	0	Rear End	On Roadway	Daylight	Dry
5/29/2008	10:11 PM	0	0	Rear End	On Roadway	Dark-Lighted	Dry
9/13/2008	12:33 PM	0	0	Rear End	On Roadway	Daylight	Dry
9/4/2008	5:30 PM	0	0	Rear End	On Roadway	Daylight	Dry
9/27/2008	11:00 PM	0	0	Angle	On Roadway	Dark-Lighted	Dry
6/11/2008	4:00 PM	0	0	Rear End	On Roadway	Daylight	Dry
6/6/2008	4:50 PM	1	0	Rear End	On Roadway	Daylight	Dry
6/30/2008	1:05 PM	0	0	Angle	Median	Daylight	Dry
6/27/2008	4:00 PM	1	0	Angle	On Roadway	Daylight	Dry
6/20/2008	4:26 PM	0	0	Sideswipe - Same Direction	On Roadway	Daylight	Dry
5/15/2008	4:45 PM	1	0	Rear End	On Roadway	Daylight	Wet
11/17/2008	6:47 PM	0	0	Rear End	On Roadway	Dark-Lighted	Dry
11/21/2008	4:30 PM	0	0	Rear End	On Roadway	Daylight	Dry
12/5/2008	9:00 PM	0	0	Angle	On Roadway	Dark-Not Lighted	Dry
11/10/2008	5:30 PM	0	0	Rear End	On Roadway	Daylight	Dry
10/11/2008	8:53 AM	0	0	Rear End	On Roadway	Daylight	Dry
10/2/2008	10:09 AM	0	0	Rear End	On Roadway	Daylight	Dry
10/31/2008	12:41 PM	0	0	Angle	On Roadway	Daylight	Dry
10/20/2008	10:00 AM	0	0	Rear End	On Roadway	Daylight	Dry
10/17/2008	3:54 PM	1	0	Rear End	On Roadway	Daylight	Wet
2/20/2008	12:16 AM	0	0	Rear End	On Roadway	Dark-Lighted	Dry
8/4/2008	9:05 PM	0	0	Rear End	On Roadway	Dark-Not Lighted	Dry
8/24/2008	1:40 PM	0	0	Rear End	On Roadway	Daylight	Dry
8/14/2008	7:41 PM	2	0	Rear End	On Roadway	Daylight	Dry
8/7/2008	1:07 AM	0	0	Rear End	On Roadway	Dark-Lighted	Dry
7/6/2008	5:14 PM	1	0	Not A Collision With A Motor Vehicle	On Roadway	Daylight	Dry
7/11/2008	10:55 PM	0	0	Rear End	On Roadway	Dark-Lighted	Dry
7/9/2008	8:35 AM	1	0	Rear End	On Roadway	Daylight	Dry
8/4/2008	11:47 AM	0	0	Rear End	On Roadway	Daylight	Dry
4/18/2008	5:44 AM	0	0	Angle	On Roadway	Dark-Lighted	Dry
4/15/2008	5:40 PM	0	0	Rear End	On Roadway	Daylight	Dry
4/28/2008	5:03 PM	0	0	Rear End	On Roadway	Daylight	Dry
3/18/2008	2:22 PM	0	0	Rear End	On Shoulder	Daylight	Dry
3/17/2008	6:50 AM	0	0	Sideswipe - Same Direction	On Roadway	Dark-Lighted	Dry
3/14/2008	4:45 PM	0	0	Rear End	On Roadway	Daylight	Wet
3/6/2008	4:45 PM	0	0	Angle	On Roadway	Daylight	Dry
1/30/2008	5:44 PM	1	0	Rear End	On Roadway	Daylight	Dry
2/29/2008	3:49 PM	0	0	Rear End	On Roadway	Daylight	Dry
8/4/2008	10:44 AM	0	0	Rear End	On Roadway	Daylight	Dry
8/4/2008	7:52 AM	0	0	Rear End	On Roadway	Daylight	Dry
8/7/2008	6:18 PM	0	0	Sideswipe - Same Direction	On Roadway	Daylight	Dry
7/16/2008	5:39 PM	0	0	Angle	Off Roadway	Daylight	Dry
12/24/2008	6:04 PM	0	0	Rear End	On Roadway	Dark-Not Lighted	Wet
1/2/2008	8:05 PM	2	0	Angle	On Roadway	Dark-Lighted	Dry
1/16/2008	6:33 PM	0	0	Rear End	On Roadway	Dark-Lighted	Wet
1/15/2008	6:25 PM	0	0	Rear End	On Roadway	Dark-Lighted	Dry
7/20/2008	10:23 PM	0	0	Rear End	On Roadway	Dark-Lighted	Dry
1/10/2008	3:00 PM	0	0	Rear End	On Roadway	Daylight	Dry
1/3/2008	8:08 PM	0	0	Rear End	On Roadway	Dark-Lighted	Dry
12/5/2008	6:50 AM	0	0	Rear End	On Roadway	Dawn	Dry
12/4/2008	10:15 AM	0	0	Rear End	On Roadway	Daylight	Dry
12/17/2008	8:29 AM	1	0	Rear End	On Roadway	Daylight	Wet
12/16/2008	11:50 AM	0	0	Rear End	On Roadway	Daylight	Dry
11/10/2008	5:35 PM	0	0	Sideswipe - Same Direction	On Roadway	Daylight	Dry
11/12/2008	12:30 PM	0	0	Rear End	On Roadway	Daylight	Dry
10/16/2008	9:46 PM	0	0	Sideswipe - Same Direction	On Roadway	Dark-Lighted	Dry
5/31/2008	6:51 PM	0	0	Rear End	On Roadway	Daylight	Dry
10/5/2008	2:48 PM	2	0	Rear End	On Roadway	Daylight	Dry
10/30/2008	2:32 PM	0	0	Rear End	On Roadway	Daylight	Dry
10/23/2008	2:19 PM	1	0	Rear End	On Roadway	Daylight	Dry
10/12/2008	8:00 PM	0	0	Rear End	On Roadway	Daylight	Dry
9/17/2008	2:52 PM	0	0	Rear End	On Roadway	Daylight	Dry
9/16/2008	8:31 AM	1	0	Angle	On Roadway	Daylight	Dry
5/6/2008	4:53 PM	0	0	Rear End	On Roadway	Daylight	Dry
5/1/2008	3:40 PM	0	0	Rear End	On Roadway	Daylight	Dry

2/16/2008	9:15 AM	0	0	Rear End	On Roadway	Daylight	Dry
2/16/2008	1:00 AM	0	0	Rear End	On Roadway	Daylight	Dry
1/29/2009	11:00 AM	0	0	Rear End	On Roadway	Daylight	Dry
1/21/2009	7:00 PM	0	0	Angle	On Roadway	Dark-Not Lighted	Dry
5/11/2009	4:32 PM	0	0	Rear End	On Roadway	Daylight	Dry
4/22/2009	6:40 AM	0	0	Rear End	On Roadway	Dawn	Dry
4/21/2009	11:23 AM	2	0	Angle	On Roadway	Daylight	Dry
4/3/2009	10:30 PM	0	0	Sideswipe - Same Direction	On Roadway	Dusk	Dry
4/13/2009	8:10 AM	0	0	Rear End	On Roadway	Daylight	Wet
4/15/2009	10:25 PM	0	0	Not A Collision With A Motor Vehicle	On Roadway	Dark-Not Lighted	Dry
4/11/2009	1:50 PM	0	0	Rear End	On Roadway	Daylight	Dry
4/3/2009	8:07 AM	0	0	Rear End	On Roadway	Daylight	Dry
3/6/2009	4:20 PM	0	0	Rear End	On Roadway	Daylight	Dry
3/7/2009	12:10 PM	0	0	Rear End	On Roadway	Daylight	Dry
3/14/2009	3:50 PM	0	0	Sideswipe - Same Direction	On Roadway	Daylight	Wet
2/13/2009	7:35 AM	0	0	Rear End	On Roadway	Daylight	Dry
9/25/2009	10:05 AM	0	0	Sideswipe - Same Direction	On Roadway	Daylight	Dry
8/6/2009	11:42 AM	2	0	Angle	On Roadway	Daylight	Dry
7/10/2009	3:40 PM	0	0	Rear End	On Roadway	Daylight	Dry
6/10/2009	12:00 PM	1	0	Rear End	On Roadway	Daylight	Dry
6/4/2009	1:06 PM	0	0	Rear End	On Roadway	Daylight	Dry
5/21/2009	4:20 PM	1	0	Sideswipe - Opposite Direction	On Roadway	Daylight	Dry
1/14/2009	6:50 AM	0	0	Rear End	On Roadway	Daylight	Dry
1/9/2009	10:38 PM	1	0	Angle	On Roadway	Dark-Lighted	Dry
5/16/2009	6:33 PM	0	0	Rear End	On Roadway	Daylight	Dry
6/23/2009	7:50 AM	0	0	Rear End	On Roadway	Daylight	Dry
8/22/2009	4:45 PM	0	0	Rear End	On Roadway	Daylight	Dry
9/18/2009	7:06 PM	1	0	Rear End	On Roadway	Dusk	Dry
3/23/2009	9:15 AM	1	0	Rear End	On Roadway	Daylight	Dry
2/24/2009	5:00 PM	0	0	Rear End	On Roadway	Daylight	Dry
4/6/2009	8:25 AM	0	0	Sideswipe - Same Direction	On Roadway	Daylight	Dry
4/22/2009	7:30 PM	0	0	Rear End	On Roadway	Daylight	Dry
6/2/2009	2:58 PM	0	0	Rear End	On Roadway	Daylight	Dry
7/17/2009	11:00 PM	0	0	Rear End	On Roadway	Dark-Lighted	Dry
7/1/2009	4:35 PM	0	0	Rear End	On Roadway	Daylight	Dry
10/2/2009	2:40 PM	0	0	Rear End	On Roadway	Daylight	Dry
7/11/2009	12:17 PM	1	0	Rear End	On Roadway	Daylight	Dry
7/10/2009	5:00 PM	0	0	Rear End	On Roadway	Daylight	Dry
6/24/2009	8:05 AM	0	0	Rear End	On Roadway	Daylight	Dry
3/3/2009	4:48 PM	0	0	Rear End	On Roadway	Daylight	Dry
3/10/2009	4:45 PM	1	0	Angle	On Roadway	Daylight	Dry
3/25/2009	8:24 AM	0	0	Rear End	On Roadway	Daylight	Wet
2/13/2009	3:20 PM	0	0	Rear End	On Roadway	Daylight	Dry
2/5/2009	6:44 AM	0	0	Rear End	On Roadway	Dark-Lighted	Dry
7/20/2009	1:23 PM	0	0	Rear End	On Roadway	Daylight	Dry
8/25/2009	5:27 PM	1	0	Rear End	On Roadway	Daylight	Dry
9/11/2009	2:22 PM	0	0	Rear End	On Roadway	Daylight	Dry
1/24/2009	2:30 PM	1	0	Rear End	On Roadway	Daylight	Dry
2/7/2009	1:02 PM	6	0	Rear End	On Roadway	Daylight	Dry
3/17/2009	11:05 PM	0	0	Rear End	On Roadway	Dark-Lighted	Dry
3/19/2009	3:00 PM	0	0	Rear End	On Roadway	Daylight	Dry
4/7/2009	6:00 PM	1	0	Rear End	On Roadway	Daylight	Dry
4/21/2009	9:00 AM	0	0	Rear End	On Roadway	Daylight	Dry
6/28/2009	12:25 PM	1	0	Rear End	On Roadway	Daylight	Dry
6/17/2009	4:40 PM	0	0	Sideswipe - Same Direction	On Roadway	Daylight	Dry
6/18/2009	7:52 AM	0	0	Rear End	On Roadway	Daylight	Dry
6/26/2009	8:23 PM	0	0	Rear End	On Roadway	Daylight	Dry
5/14/2009	10:25 AM	0	0	Rear End	On Roadway	Daylight	Dry
5/7/2009	7:55 AM	0	0	Angle	On Roadway	Daylight	Dry
5/2/2009	10:00 AM	0	0	Rear End	On Roadway	Daylight	Dry
5/18/2009	4:49 PM	0	0	Rear End	On Roadway	Daylight	Dry
5/18/2009	3:53 PM	0	0	Sideswipe - Same Direction	On Roadway	Daylight	Dry
9/1/2009	12:19 AM	2	0	Head On	On Roadway	Dark-Not Lighted	Dry
8/19/2009	2:23 PM	0	0	Rear End	On Roadway	Daylight	Dry
8/20/2009	6:15 PM	0	0	Angle	On Roadway	Daylight	Dry
8/14/2009	11:30 AM	0	0	Rear End	On Roadway	Daylight	Dry
8/17/2009	8:05 AM	0	0	Rear End	On Roadway	Daylight	Dry
7/13/2009	7:30 AM	0	0	Rear End	On Roadway	Daylight	Wet
7/28/2009	9:45 AM	1	0	Rear End	On Roadway	Daylight	Dry
7/3/2009	6:15 PM	2	0	Rear End	On Roadway	Daylight	Dry

7/6/2009	12:05 PM	0	0	Angle	On Roadway	Daylight	Dry
10/5/2009	11:29 AM	0	0	Sideswipe - Same Direction	On Roadway	Daylight	Wet
9/12/2009	4:35 PM	0	0	Rear End	On Roadway	Daylight	Dry
9/23/2009	8:45 AM	0	0	Angle	On Roadway	Daylight	Dry
7/9/2009	11:21 AM	0	0	Rear End	On Roadway	Daylight	Dry
7/22/2009	10:40 AM	0	0	Rear End	On Roadway	Daylight	Dry
7/25/2009	12:50 PM	0	0	Rear End	On Roadway	Daylight	Dry
7/13/2009	3:35 PM	0	0	Rear End	On Roadway	Daylight	Dry
6/21/2009	8:10 PM	0	0	Angle	On Roadway	Daylight	Dry
6/24/2009	9:44 AM	0	0	Rear End	On Roadway	Daylight	Dry
6/9/2009	10:20 AM	0	0	Sideswipe - Same Direction	On Roadway	Daylight	Dry
6/11/2009	6:30 PM	0	0	Sideswipe - Same Direction	On Roadway	Daylight	Dry
5/8/2009	9:35 AM	0	0	Rear End	On Roadway	Daylight	Dry
5/2/2009	10:00 AM	0	0	Rear End	On Roadway	Daylight	Dry
4/23/2009	8:25 PM	0	0	Rear End	On Roadway	Dark-Lighted	Wet
4/30/2009	9:15 PM	0	0	Rear End	On Roadway	Dark-Lighted	Dry
4/27/2009	11:45 AM	0	0	Rear End	On Roadway	Daylight	Dry
4/12/2009	1:00 PM	0	0	Rear End	On Roadway	Daylight	Dry
3/14/2009	8:00 PM	1	0	Rear End	On Roadway	Dark-Lighted	Wet
2/3/2009	6:55 PM	0	0	Rear End	On Roadway	Dark-Lighted	Dry
2/25/2009	10:25 PM	1	0	Not A Collision With A Motor Vehicle	Gore	Dark-Lighted	Wet

Department of Transportation State of Georgia

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. # 0010875 **OFFICE** Planning
Fulton County **DATE** August 13, 2013

FROM Cynthia L. VanDyke, State Transportation Planning Administrator

TO Genetha Rice-Singleton, State Program Delivery Design Engineer
Attention: Peter Emmanuel

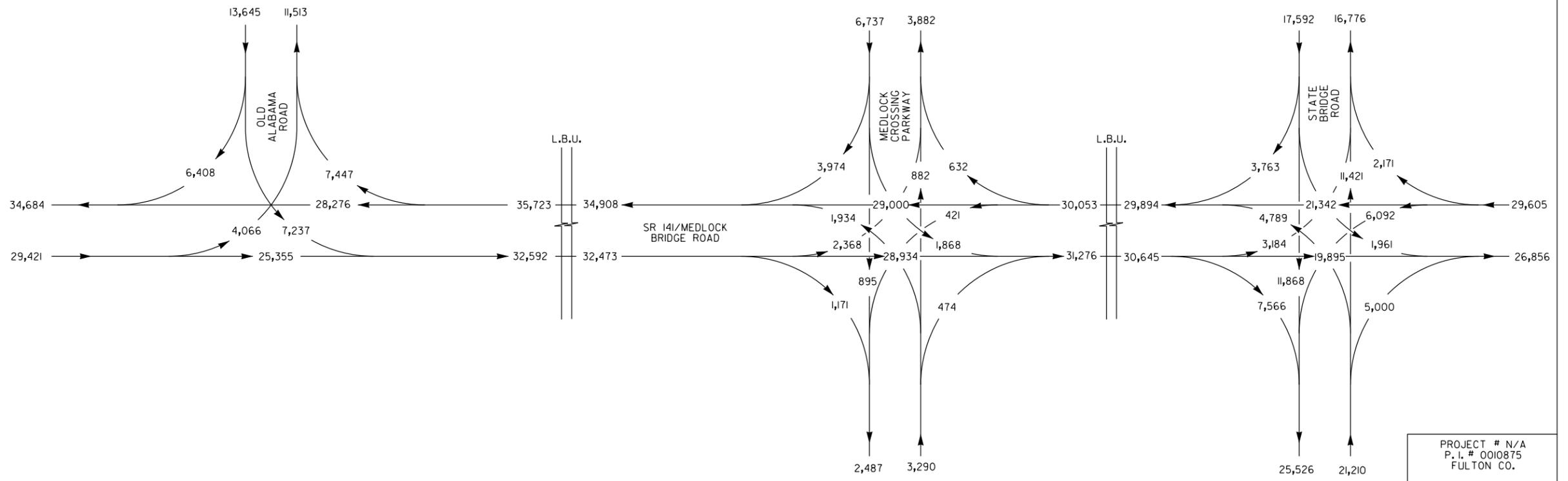
SUBJECT **Reviewed** Design Traffic for *SR 141 FM CR 5466/Triangle Dr. to CR 119/State Bridge Rd.*

As per your request, we reviewed the consultant's Design Traffic for the above project.

The Design Traffic is approved based on the information furnished. Any questions concerning this review should be addressed to Ms. Leslie R. Woods at e-mail lwoods2@dot.ga.gov or phone (404) 631-1773.

CLV/LRW

FULTON COUNTY



LOCAL BUILD UP (L.B.U.) IS AFFECTED BY COMMERCIAL DRIVEWAYS THROUGHOUT THE PROJECT

PROJECT # N/A
P. I. # 0010875
FULTON CO.
SR 141
FM OLD ALABAMA ROAD
TO STATE BRIDGE ROAD
2012 AADT = 000
24 HR. T = 2.0%
S.U. = 2.0%
COMB. = 0.0%
D = 51/49 BR
08/13

4/21/2012
GPLM



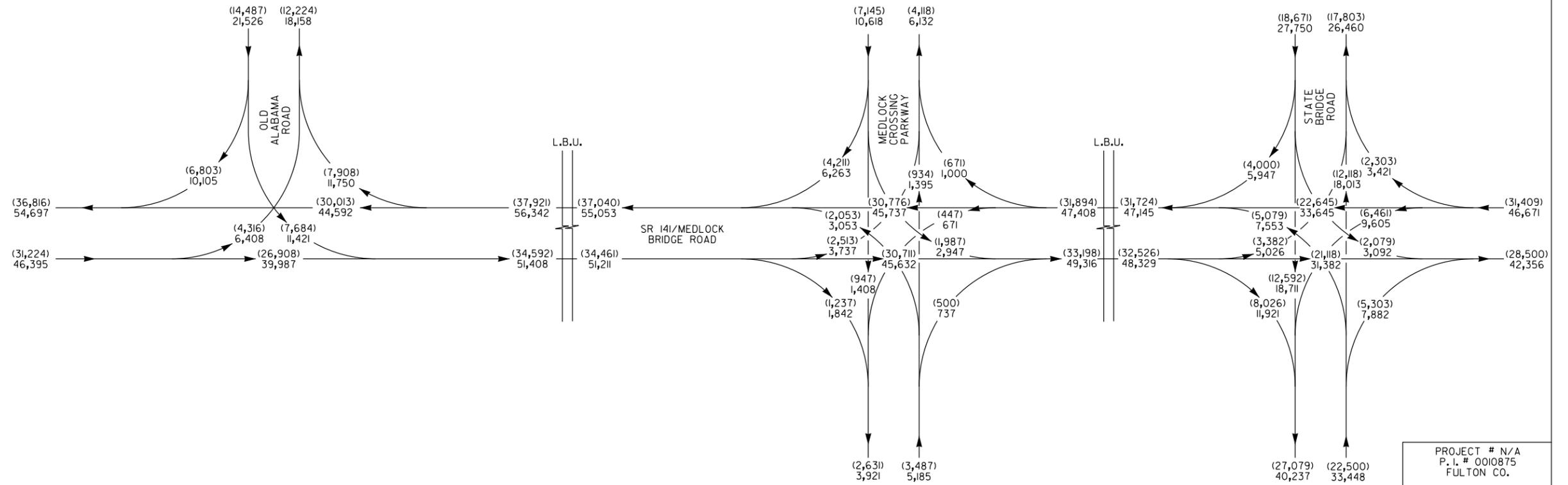
REVISION DATES	

THE CITY OF JOHNS CREEK

TRAFFIC DIAGRAM

DRAWING No.
1 OF 5

FULTON COUNTY



LOCAL BUILD UP (L.B.U.) IS AFFECTED BY COMMERCIAL DRIVEWAYS THROUGHOUT THE PROJECT

PROJECT # N/A
P. I. # 0010875
FULTON CO.

SR 141
FM OLD ALABAMA ROAD
TO STATE BRIDGE ROAD

2015 AADT = (000)
2035 AADT = 000

24 HR. T = 2.0%
S.U. = 2.0%
COMB. = 0.0%

BUILD AND NO-BUILD
AADT ARE EQUIVALENT

D = 51/49 BR
08/13



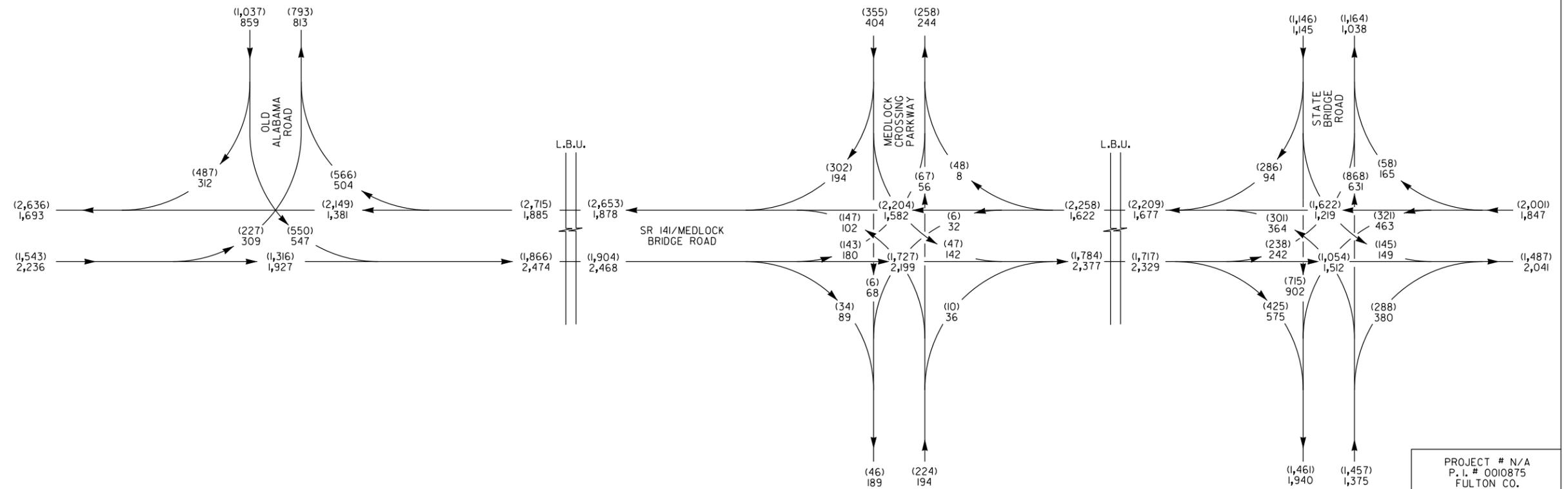
REVISION DATES

THE CITY OF JOHNS CREEK

TRAFFIC DIAGRAM

DRAWING No.
2 OF 5

FULTON COUNTY



LOCAL BUILD UP (L.B.U.) IS AFFECTED BY COMMERCIAL DRIVEWAYS THROUGHOUT THE PROJECT

PROJECT # N/A
P. I. # 0010875
FULTON CO.
SR 141
FM OLD ALABAMA ROAD
TO STATE BRIDGE ROAD
2012 AM DHV = (000)
2012 PM DHV = 000
PEAK HR. T = 3.1%
S.U. = 3.1%
COMB. = 0.0%
K = 0.076 BR
08/13



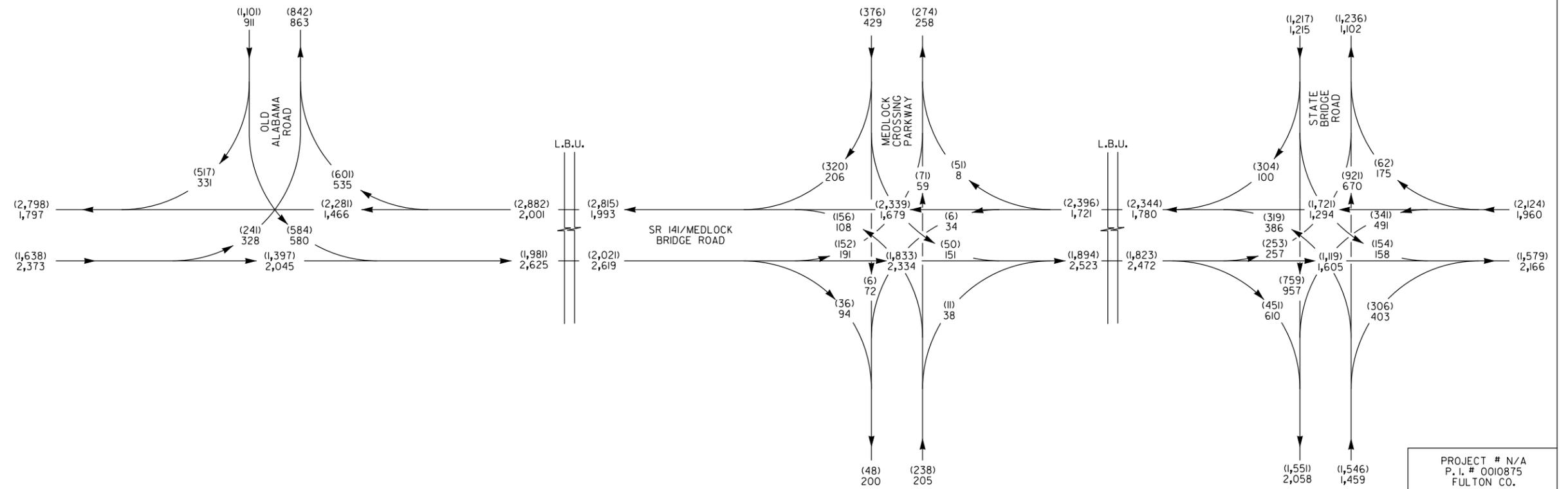
REVISION DATES

THE CITY OF JOHNS CREEK

TRAFFIC DIAGRAM

DRAWING No.
3 OF 5

FULTON COUNTY



LOCAL BUILD UP (L.B.U.) IS AFFECTED BY COMMERCIAL DRIVEWAYS THROUGHOUT THE PROJECT

BUILD AND NO-BUILD DHV ARE EQUIVALENT
K = 0.076 BR 08/13

PROJECT # N/A
P. I. # 0010875
FULTON CO.

SR 141
FM OLD ALABAMA ROAD
TO STATE BRIDGE ROAD

2015 AM DHV = (000)
2015 PM DHV = 000

PEAK HR. T = 3.1%
S.U. = 3.1%
COMB. = 0.0%

REVISION DATES	

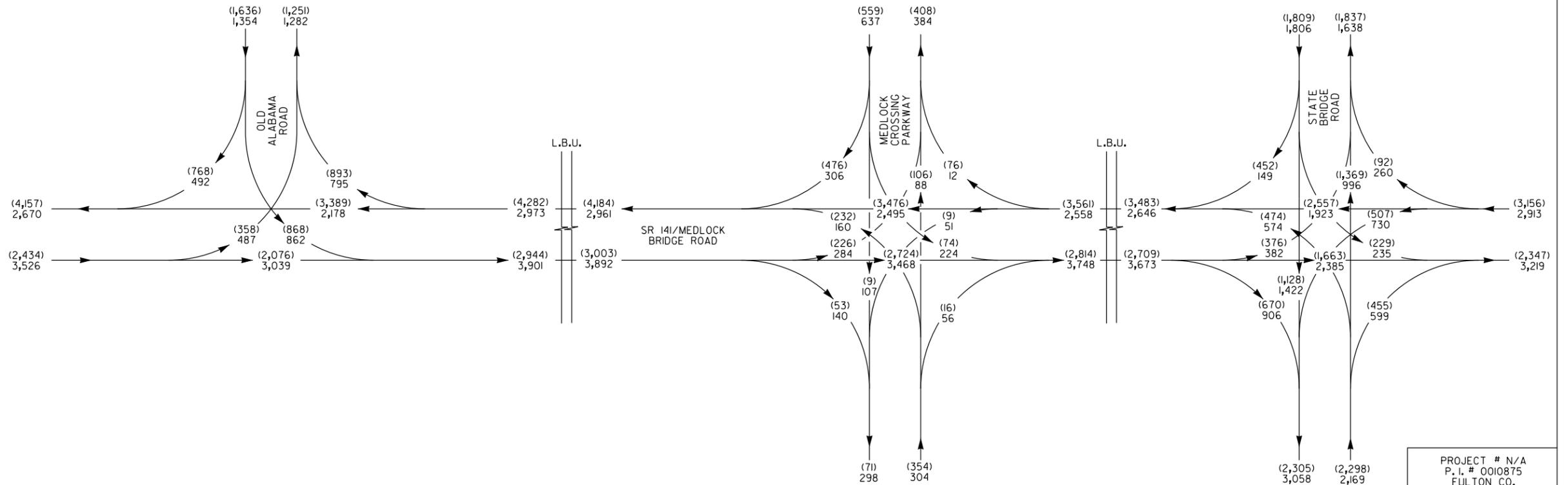
THE CITY OF JOHNS CREEK

TRAFFIC DIAGRAM

DRAWING No.
4 OF 5



FULTON COUNTY



LOCAL BUILD UP (L.B.U.) IS AFFECTED BY COMMERCIAL DRIVEWAYS THROUGHOUT THE PROJECT

BUILD AND NO-BUILD
DHW ARE EQUIVALENT
K = 0.076 BR
08/13

PROJECT # N/A
P. I. # 0010875
FULTON CO.
SR 141
FM OLD ALABAMA ROAD
TO STATE BRIDGE ROAD
2035 AM DHV = (000)
2035 PM DHV = 000
PEAK HR. T = 3.1%
S.U. = 3.1%
COMB. = 0.0%
K = 0.076 BR
08/13



REVISION DATES	

THE CITY OF JOHNS CREEK

TRAFFIC DIAGRAM

DRAWING No.
5 OF 5

CONCEPT TEAM MEETING MINUTES

LOCATION: GDOT's Office of Program Delivery
One Georgia Center, 25th Floor Conference Room

MEETING DATE: Tuesday, July 23, 2013, 9:00 AM

RE: SR 141/MEDLOCK BRIDGE ROAD

ATTENDEES: Peter Emmanuel – GDOT
Cindy Jenkins – City of Johns Creek
Chris Haggard - Wolverton and Associates, Inc.
Brad Robinson - Wolverton & Associates, Inc.

Peter Emmanuel discussed the Draft Concept Report provided by Wolverton & Associates, Inc. (W&A) during the meeting and provided his comments:

- A MPO or RC Project ID is not typically required for this type of quick project.
- W&A anticipates one (1) parcel to be impacted with an easement at the commercial driveway on Medlock Bridge Road.
- A TMP plan should not be required for this type of quick project.
- No Design Variances or Exceptions are expected.
- A Programmatic Categorical Exclusion is anticipated. No Environmentally Sensitive Areas (ecology, history or archaeology) have been located during the initial screening within the construction limits. The total disturbed area is expected to be under one (1) acre, so an EPD review will not be required.
- Peter stated that the Office of Environmental Services may require a noise analysis.
- Peter requested that the SR 120 Widening Projects through Johns Creek also be listed in the Concept Report.
- The Cost Estimate should be input into CES and the date to match the submittal date of the concept report.
- The team agreed this meeting would be the Concept Team Meeting and another meeting (initial) was not required.
- Peter stated that traffic diagrams and crash history may be required during plan development and the design team may want to produce them during concept. The team agreed this could be an overall ADT of the corridor from the existing RTOP data.
- Assumed pavement section should be shown on the typical section attached to the concept report. Cindy will coordinate with GDOT District 7 and attempt to find pavement sections from the previous SR 141 widening project.
- Cindy asked if the Concept Report should include a description of the signal modifications and Peter requested that such wording be added if the work was expected.
- Peter stated that Preliminary and Final Field Plan Reviews would be consolidated and W&A should submit FFPR quality plans. All plans should be on half-size (12"X18") paper, with FFPR checklist, project notebook and CD attached.

- Staging plans & notes should be provided and can be included in the erosion control plan or on one (1) larger scale plan sheet.
- Peter clarified that Construction Authorization and funding was dependent on plan completion and not the let schedule. The let date of April 2014 could be sooner pending plan completion and Peter would expedite GDOT reviews and approvals to assist in that process.
- The Concept Report should be submitted as a PDF and Word document for review and approval and an original signed cover sent to Peter for signatures. He expects the routing process to take 3-4 weeks. Peter requests one (1) approved hard copy of the Concept Report when complete.
- Cindy requested that W&A provide monthly status reports via email, including milestone schedules and summary of completed work.

The meeting concluded at 10:15 AM.

Action Items:

- W&A and Johns Creek to determine the best course of action to provide traffic data, crash history and pavement design.
- Cindy to provide the signed PFA agreements for attachment (cover only) to the Concept Report.
- W&A to input the construction cost into CES.
- W&A to update the Concept Report, coordinate revisions with Johns Creek and provide Peter with PDF and Word versions.



June 24, 2013

Mr. Tom Black, Director
City of Johns Creek Public Works
12000 Findley Rd, Suite 400
Johns Creek, GA 30097-1412

Dear Mr. Black:

I am returning for your files an executed agreement between the Georgia Department of Transportation and the City of Johns Creek for the following project:

Fulton County, PI# 0010875

We look forward to working with you on the successful completion of the joint project.
Should you have any questions, please contact the Project Manager Peter Emmanuel at (404) 631-1158.

Sincerely,

A handwritten signature in blue ink, appearing to read "Angela Robinson".

Angela Robinson,
Financial Management Administrator

AR:kp

Enclosure

c: Bob Rogers
Rachel Brown – District 7 Engineer
Vicki Gavalas – District 7 Planning & Programming Engineer
Patrick Allen, P.E. – District 7 Utilities Engineer
Mike Bolden – State Utilities Engineer