

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

Project Type:	<u>Road/Pedestrian Facility</u>	P.I. Number:	<u>0012820</u>
GDOT District:	<u>7</u>	County:	<u>DeKalb</u>
Federal Route Number:	<u></u>	State Route Number:	<u>SR 155</u>
Project Number:	<u>N/A</u>		

The project proposes to provide improved intersections on SR 155 (Candler Road) at Alston Drive, SR 155 at Hosea L. Williams Drive, and SR 155 at Kirk Road with traffic signal upgrades, crosswalk restriping, and pedestrian accommodations in accordance with the Americans with Disabilities Act (ADA).

Submitted for approval:

<u><i>S. Barwick</i></u>	<u>1/20/16</u>
Tom Barwick, Heath and Lineback Engineers	Date
<u><i>Albert V. Shelby</i></u>	<u>2/17/16</u>
State Program Delivery Engineer	Date
<u><i>Perry Black</i></u> <i>(C.F.B.) KUNT</i>	<u>1/28/16</u>
Perry Black, GDOT Project Manager	Date

Recommendation for approval:

* <u><i>ERIC DUFF</i></u>	<u>3/23/2016</u>
State Environmental Administrator	Date
* <u><i>CHRISTOPHER RAYMOND</i></u>	<u>2/26/2016</u>
State Traffic Engineer	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><i>CYNTHIA L. VANDYKE</i></u>	<u>2/24/2016</u>
State Transportation Planning Administrator	Date

Approval:

Concur:	<u><i>Hiral Patel</i></u>	<u>4/11/2016</u>
	GDOT Director of Engineering	Date

Approve:	<u><i>Margaret B. Purke</i></u>	<u>4.11.16</u>
	GDOT Chief Engineer	Date

* RECOMMENDATION ON FILE - *[Signature]*

PROJECT LOCATION

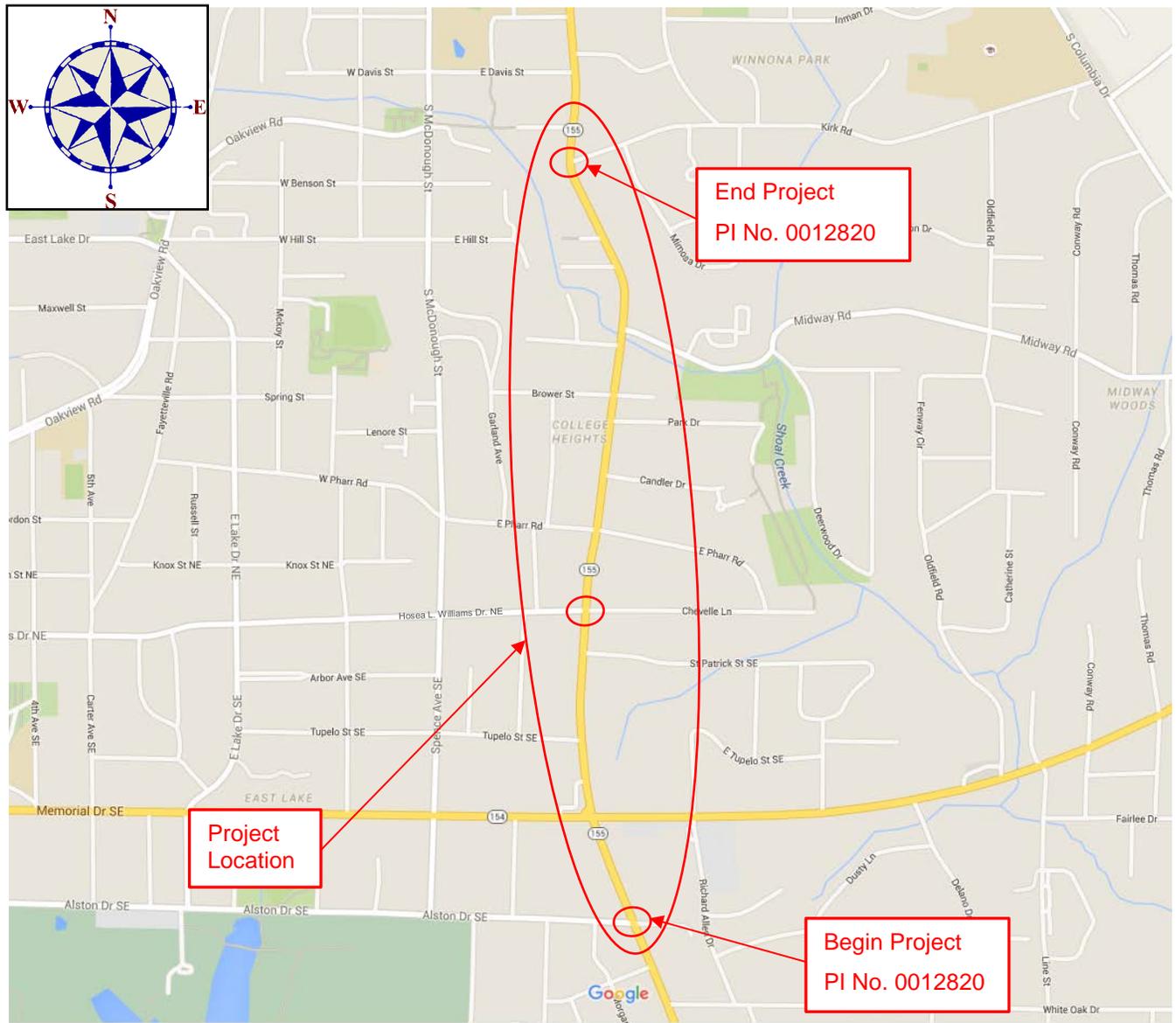


Figure 1 – Project Location Map
PI No. 0012820–DeKalb County SR 155 (Candler Road) at 3 Locations:
Alston Drive, Hosea Williams Drive, and Kirk Road
Not to Scale

PLANNING & BACKGROUND DATA

Project Justification Statement:

The following intersections located in Congressional District 5 have been identified by the Office of Traffic Operations through RTOP as high priority for minor intersection improvements. The intersections are to be upgraded with CMAQ funds.

Project 0012820			
	SR	Sidestreet	County
1	SR 155	Alston Dr	DeKalb
2	SR 155	Hosea L Williams Dr	DeKalb
3	SR 155	Kirk Rd	DeKalb

The project will upgrade equipment, accommodate pedestrians, and update pedestrian facilities to meet current ADA standards. The Office of Traffic Operations has justified these upgrades 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. For survey purposes there will be a full DTM survey 50 feet from the stop bar on each approach. 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 CMAQ and will be included in the STIP. All communications and meetings involving this project should include the Office of Traffic Operations.

This Project Justification Statement was provided by the GDOT Office of Traffic Operations with concurrence from the GDOT Office of Program Delivery.

Existing conditions:

Candler Road is a 35 mph urban minor arterial that travels in a south/north direction through Atlanta and Decatur. At the intersection of SR 155/Candler Road at Alston Drive, Candler Road is a five lane roadway (four 11-foot travel lanes and a 14-foot reversible center turn lane). After the intersection of SR 155/Candler Road at Candler Drive, at the city line of Atlanta and Decatur, the roadway changes names from Candler Road in Atlanta to South Candler Street in Decatur. At the intersection of SR 155/Candler Road at Hosea L. Williams Drive the roadway has one 11-foot lane in each direction. At the intersection of SR 155/South Candler Street at Kirk Road, South Candler Street has one 12-foot lane in each direction.

Based on the information available, the right-of-way along SR 155/Candler Road varies in width from 40 feet to 80 feet.

There are a total of four signalized four-legged intersections along SR 155/Candler Road/South Candler Street with marked crosswalks:

- Alston Drive: Pedestrian facilities such as sidewalks and ramps have been recently reconstructed according to ADA requirements. Traffic signals have new back plates and are hanging on overhead span wires. The material of the two signal poles in the south two quadrants of the intersection are galvanized steel and timber in the north two quadrants. There are no pedestrian specific signals (ped heads), but pedestrian push buttons are present on each of the signal poles. Crosswalks, stop bars, and traffic lanes at the intersection have been recently restriped.

- Memorial Drive: This intersection is not within the scope of the project.
- Hosea L. Williams/Chevelle Lane: The pedestrian ramp on the southwest corner has been reconstructed according to ADA requirements. Traffic signals have new back plates and are hanging on overhead span wires. The material of the signal poles is timber. Newly replaced ped heads are located on each signal pole. Crosswalks, stop bars, and traffic lanes at the intersection have been recently restriped.
- Brower Street/Overlook Bluff: This intersection is not within the scope of the project.

There are two signalized three-legged intersections along SR 155/Candler Road/South Candler Street with marked crosswalks:

- Midway Road: This intersection is not within the scope of the project.
- Kirk Road: Pedestrian ramps have been recently reconstructed according to ADA requirements. Traffic signals are hanging on overhead span wires. The material of the two signal poles in the south of the intersection are timber and galvanized steel in the north. Newly replaced ped heads are located on the signal poles next to the crosswalks. The crosswalks, stop bars, and traffic lanes at this intersection have been recently restriped.

Other projects in the area:

- SR 154/ Memorial Drive from SR 155/Candler Rd. to Mountain Drive - PI No. 0007130
- SR 8 fm SR42 to W of North Ponce & fm Westchester to N Decatur- PI No. 0009378
- SR 155/Candler Rd. fm I-285 to SR 154 – Landscape Enhancement - PI No. 0009567
- Battle of Atlanta Greenway Trail - PI No. 0010642
- CS 520/Boulevard Drive fm SR 8/US 78 to CS 2232/Woodward Ave. - PI No. 0012592
- SR 42/Moreland Ave. and CS/Arkwright Place and SR 154/Memorial Drive - PI No. 0012596
- SR 154/Memorial Drive fm SR 42/Moreland Ave. to SR 155/Candler Rd. - PI No. 0012597
- SR 8/Ponce DeLeon Ave. at 4 Locations in DeKalb - PI No. 0012824
- SR 42 Conn at 1 Loc- PI No. 000013214
- SR 42/ Moreland Ave. fm near Lynwyn Lane to I-20 - PI No. 780011
- SR 154/Memorial Drive ATMS Arterial Communications Design - PI No. 770419
- SR 42/Moreland Ave. fm CS 1795/Mansfield Ave. to CS 3694/DeKalb Ave. – PI No. 0012820

Description of the proposed project:

The project is located north of I-20 and west of I-285 in both the City of Atlanta and the City of Decatur in DeKalb County. It begins at the intersection of SR 155/Candler Road and Alston Drive and ends at the intersection of SR 155/South Candler Street (which turns from Candler Road to South Candler Street after the intersection of Candler Road and Candler Drive) and Kirk Road. The concept proposes three locations for intersection improvements. The proposed improvements are upgrades of wheelchair ramps to current ADA standards, and upgrades of traffic and pedestrian signals, which would include galvanized steel posts and/or mast arms, LED signal heads, and signal cabinet and equipment.

The proposed improvements for the existing signalized intersections with SR 155/Candler Road are:

- Alston Drive: It is proposed to replace the timber and galvanized steel signal poles with mast arms, and upgrade the traffic signal, signal cabinet, and equipment.
The ramps at this intersection have been recently reconstructed to be ADA compliant; however, there is a curb piece at the ramp on the northeast quadrant that needs to be grinded down to avoid being a tripping hazard.

County: DeKalb

- Hosea L. Williams Drive: The two timber signal poles are proposed for an upgrade to galvanized steel poles. The traffic signal, signal cabinet, and equipment are proposed to be upgraded as well. Of the four intersection quadrants, other than the southwest quadrant, the remaining three quadrants are proposed to be upgraded to ADA compliant pedestrian ramps. The crosswalks are to be restriped to match the proposed ADA ramps.
- Kirk Road: Galvanized steel signal poles are proposed to replace the timber poles. The traffic signals, cabinet, and equipment are proposed to be upgraded. The ramps at this intersection have been recently reconstructed to be ADA compliant and no further work is being proposed for them.

MPO: Atlanta TMA

TIP #: AT-281

TIA Regional Commission: N/A

MPO Name Congressional District(s): 5

Federal Oversight: Exempt State Funded Other

Projected Traffic: ADT Candler Road 24 HR T: 2%
 Current Year (2014): 16,800 Open Year (2018): N/A Design Year (2038): N/A
The traffic counts were obtained from the GDOT website (Station 0893216 located on SR 155)

Functional Classification (Mainline): Urban Minor Arterial Street

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

Warrants met: None Bicycle Pedestrian Transit

Pavement Evaluation and Recommendations

Preliminary Pavement Evaluation Summary Report Required? No Yes
 Preliminary Pavement Type Selection Report Required? No Yes
 Feasible Pavement Alternatives: HMA PCC HMA & PCC

DESIGN AND STRUCTURAL

Description of Proposed Project:

Major Structures: N/A

Mainline Design Features:

Candler Road - Urban Minor Arterial

Feature	Existing	Standard*	Proposed
Typical Section			
- Number of Lanes	2-5	4	2-5
- Lane Width(s)	Varies 11'-0" to 14'-0"	11'-0" to 12'-0"	Varies 11'-0" to 14'-0"
- Median Width & Type	No medians in intersections	20'-0" raised 14'-0" flush	N/A
- Outside Shoulder or Border Area Width	10'-0"	10'-0" to 16'-0"	Varies 10'-0" to 15'-0"
- Outside Shoulder Slope	N/A	2%	2%
- Inside Shoulder Width	N/A	N/A	N/A
- Sidewalks	5'-0" to 10'-0"	5'-0"	5'-0"
- Auxiliary Lanes	N/A	N/A	N/A
- Bike Lanes	N/A	N/A	N/A
Posted Speed	35		35
Design Speed	N/A	45	45
Min Horizontal Curve Radius	N/A	771	N/A
Maximum Superelevation Rate	N/A	4%	N/A
Maximum Grade	N/A	6%	N/A
Access Control	By permit	By permit	By permit
Design Vehicle	N/A	WB-40 / BUS-40	N/A
Pavement Type	Asphalt	Asphalt/Concrete	Asphalt

*According to current GDOT design policy if applicable

Hosea L. Williams Drive - Chevelle Lane, Alston Drive, Kirk Road - Urban Local Road

Feature	Existing	Standard*	Proposed
Typical Section			
- Number of Lanes	2		N/A
- Lane Width(s)	Varies 10'-0" to 20'-0"	10'-0" to 12'-0"	Varies 10'-0" to 20'-0"
- Median Width & Type	N/A	N/A	N/A
- Outside Shoulder or Border Area Width	10'-0"	10'-0" to 16'-0"	10'-0"
- Outside Shoulder Slope	N/A	2%	2%
- Inside Shoulder Width	N/A	N/A	N/A
- Sidewalks	0'-0" to 10'-0"	5'-0"	5'-0"
- Auxiliary Lanes	N/A	N/A	N/A

- Bike Lanes	N/A	N/A	N/A
Posted Speed	Alston – 30 Hosea W. – 35 Kirk - 25		Alston – 30 Hosea W. – 35 Kirk - 25
Design Speed	N/A	25 to 35	Alston – 30 Hosea W. – 35 Kirk - 25
Min Horizontal Curve Radius	N/A	154	N/A
Maximum Superelevation Rate	N/A	4%	N/A
Maximum Grade	N/A	11% and 10%	N/A
Access Control	By permit	By permit	By permit
Design Vehicle	N/A	SU/P	N/A
Pavement Type	Asphalt	Asphalt	Asphalt

*According to current GDOT design policy if applicable

Major Interchanges/Intersections:

- Candler Road and Alston Drive
- Candler Road and SR 154/Memorial Drive
- Candler Road and Tupelo Street
- Candler Road and St. Patrick Street
- Candler Road and Hosea L. Williams Drive/Chevelle Lane
- Candler Road and East Pharr Road/Pharr Road
- South Candler Street and Candler Drive
- South Candler Street and Park Drive
- South Candler Street and Brower Street/Overlook Bluff
- South Candler Street and Driftwood Terrace
- South Candler Street and Midway Road
- South Candler Street and Buchanan Terrace
- South Candler Street and East Hill Street
- South Candler Street and Kirk Road

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

Issues of Concern:

Inadequate and outdated pedestrian infrastructure and outdated traffic signals at three of the signalized intersections along the corridor.

Context Sensitive Solutions Proposed:

No Context Sensitive Solutions are proposed due to the limited scope of the project.

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

Design Variances to GDOT Standard Criteria anticipated: None anticipated.

UTILITY AND PROPERTY

Temporary State Route Needed: No Yes Undetermined

Railroad Involvement: No

Utility Involvements:

- Georgia Power Company
- Georgia Power Transmission
- City of Atlanta Department of Watershed Management
- AT&T Communications
- Comcast Cable

SUE Required: No Yes

Public Interest Determination Policy and Procedure recommended? No Yes

Right-of-Way: *Right-of-Way is estimated based on GIS data.*

Candler Road	Existing width: <u>40ft- 78ft.</u>	Proposed width: <u>40ft- 78 ft.</u>
Alston Drive	Existing width: <u>50ft.</u>	Proposed width: <u>50ft.</u>
Hosea L. Williams Drive	Existing width: <u>50ft-55ft.</u>	Proposed width: <u>50ft-55 ft.</u>
Kirk Road	Existing width: <u>50ft.</u>	Proposed width: <u>50ft.</u>

Required Right-of-Way anticipated: No Yes Undetermined

Easements anticipated: None Temporary Permanent Utility Other

Anticipated total number of impacted parcels:	<u>14</u>
Displacements anticipated:	
Businesses:	<u>0</u>
Residences:	<u>0</u>
Other:	<u>0</u>
Total Displacements:	<u>0</u>

ENVIRONMENTAL & PERMITS

Anticipated Environmental Document:

GEPA: NEPA: CE EA/FONSI EIS

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

Environmental Permits/Variations/Commitments/Coordination anticipated:

Permit/ Coordination Anticipated	Variance/ Commitment/	No	Yes	Remarks
1. U.S. Coast Guard Permit		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. Forest Service/Corps Land		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. CWA Section 404 Permit		<input checked="" type="checkbox"/>	<input type="checkbox"/>	Depends on ROW/easement needs at project intersections
4. 33 USC 408 Decision		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5. Tennessee Valley Authority Permit		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6. Buffer Variance		<input checked="" type="checkbox"/>	<input type="checkbox"/>	Depends on ROW/easement needs at project intersections
7. Coastal Zone Management Coordination		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8. NPDES		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
9. FEMA		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
10. Cemetery Permit		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
11. Other Permits		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
12. Other Commitments		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
13. Other Coordination		<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Is a PAR required? No Yes Completed – Date:

Environmental Comments and Information:

NEPA/GEPA: A NEPA Categorical Exclusion (CE) level of documentation is anticipated.

Ecology: No federally jurisdictional waters are located within the project limits of any of the intersections. No state or federally protected species or their habitat are located at the intersections. There are no bridges or large culverts that would provide nesting habitat for migratory bird species. DeKalb County is not within a known range for any federally protected bat species.

History: There are four listed historic districts within the project limits; the Agnes Scott Historic District, the East Lake Historic District, and the Candler-Glenwood Road Historic District. The intersections lie totally within these districts. De minimis impact is not anticipated to be necessary since there will be no effect to the adjacent historic districts as a result of the proposed project.

Archeology: No archaeological resources were identified from surveys conducted.

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
 Carbon Monoxide hotspot analysis: Required Not Required TBD

CO analysis would be determined from ADT volumes and Level of Service information for each intersection.

Noise Effects: Based on the project scope a Type III Noise Assessment is anticipated.

Public Involvement: Due to the nature of the project scope, the project is not anticipated to be controversial. Therefore, formal public involvement activities (open houses, etc.), would not be required.

COORDINATION, ACTIVITIES, RESPONSIBILITIES, AND COSTS

Project Meetings:

Project Activity	Party Responsible for Performing Task(s)
Concept Development	GDOT/ Consultant
Design	GDOT/ Consultant
Right-of-Way Acquisition	GDOT/ District 7 Right of Way
Utility Coordination (Preconstruction)	GDOT/ Consultant
Utility Relocation (Construction)	Utility Owners
Letting to Contract	GDOT
Construction Supervision	GDOT/ District 7
Providing Material Pits	Construction Contractor
Providing Detours	N/A
Environmental Studies, Documents, and Permits	GDOT OES/ Heath & Lineback Engineers/ Edwards-Pitman Environmental
Environmental Mitigation	GDOT
Construction Inspection & Materials Testing	GDOT

Other coordination to date:

- Project kick-off meeting November 13, 2015

Project Cost Estimate Summary and Funding Responsibilities:

	Breakdown of PE	ROW	Reimbursable Utility	CST*	Environmental Mitigation	Total Cost
Funded By	GDOT (FY 2014)	GDOT (FY 2016)	GDOT	GDOT (FY 2017)	GDOT	
\$ Amount	\$350,000.00	\$394,000.00	\$123,500.00	\$394,374.87	N/A	\$1,261,874.87
Date of Estimate	11/17/2015	02/12/2016	11/14/2015	02/04/2016	N/A	

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

ALTERNATIVES DISCUSSION

Preferred Alternative: <i>This alternate improves the pedestrian crossings along Candler Road/South Candler Street at the signalized intersections with Alston Drive, Hosea L. Williams Drive, and Kirk Road. It provides signal updates at one signalized intersection. In addition, it provides two locations with improved pedestrian facilities with the installation of ADA compliant ramps and sidewalks, and restriped crosswalks.</i>			
Estimated Property Impacts:	14	Estimated Total Cost:	Pending
Estimated ROW Cost:	Pending	Estimated CST Time:	12 months
Rationale: <i>This alternate improves the vehicle/pedestrian crossings at the scoped signalized intersections along the corridor. This alternate will require utility relocations and right of way acquisition.</i>			

\$1,262,000 *OT*

No-Build Alternative: <i>This alternate uses the existing pedestrian ramps and existing traffic signals along Candler Road.</i>			
Estimated Property Impacts:	N/A	Estimated Total Cost:	N/A
Estimated ROW Cost:	N/A	Estimated CST Time:	N/A
Rationale: <i>This alternate does not provide operational or pedestrian improvements and it does not meet the need and purpose of the project.</i>			

LIST OF ATTACHMENTS/SUPPORTING DATA

1. GDOT provided Project Justification Statement (including PE, RW, and CST Cost Estimates)
2. Preliminary Right-Of-Way Cost Estimate (GDOT)
3. Preliminary Utility Cost Estimate (GDOT)
4. Detail Cost Estimate
5. Concept Layouts
6. Phase 1 Archaeological Survey
7. Historic Resources Survey Report
8. Ecology Resource Survey Report
9. Meeting Minutes

Project Justification Statement:

P.I. Number: 0012820

SR 155 @ 3 LOCS IN DEKALB

The following intersections located in Congressional District 5 have been identified by the Office of Traffic Operations through RTOP as high priority for minor intersection improvements. The intersections are to be upgraded with CMAQ funds.

Project 0012820			
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PE: \$350,000.00 (FY 2014)

RoW: \$700,000.00 (FY 2015)

CST: \$1,820,000.00 (FY 2016)

GEORGIA DEPARTMENT OF TRANSPORTATION
PRELIMINARY ROW COST ESTIMATE SUMMARY

Date: 2/12/2016 Project: 0012860
 Revised: County: DeKalb
 PI: 0012860

Description: SR155 (Candler Road) at 3 locations
 Project Termini: Alston Drive, Hosea Williams Drive, and Kirk Road

Existing ROW: Varies
 Required ROW: Varies
 Parcels: 14

Land and Improvements _____ \$33,431.25

Proximity Damage	\$0.00
Consequential Damage	\$5,000.00
Cost to Cures	\$0.00
Trade Fixtures	\$0.00
Improvements	\$12,000.00

Valuation Services _____ \$87,500.00

Legal Services _____ \$121,950.00

Relocation _____ \$28,000.00

Demolition _____ \$0.00

Administrative _____ \$123,000.00

TOTAL ESTIMATED COSTS _____ \$393,881.25

TOTAL ESTIMATED COSTS (ROUNDED) _____ \$394,000.00

Preparation Credits	Hours	Signature

Prepared By: Dathone Alexander CG#: 286999 02/12/2016 (DATE)
 Approved By: Dathone Alexander CG#: 286999 02/12/2016 (DATE)

NOTE: No Market Appreciation is included in this Preliminary Cost Estimate

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTER-DEPARTMENT CORRESPONDENCE

FROM: Nicholas Fields *NF*
District Utilities Engineer

DATE: November 14, 2015

TO: Perry Black, Project Manager

SUBJECT: PRELIMINARY UTILITY COST ESTIMATE
PI: 00012820 SR 155/ Candler Rd. @ 3 Locations Alston Drive, Hosea Williams Drive, and Kirk Road

As requested by your office, we are furnishing you with a Preliminary Cost Estimate for each utility with facilities potentially located with the project limits.

FACILITY OWNER	REIMBURSABLE	NON-REIMBURSABLE	TOTAL
Georgia Power Company	\$123,500.00	\$0.00	\$123,500.00
AT&T	\$0.00	\$32,000.00	\$32,000.00
Comcast	\$0.00	\$32,000.00	\$32,000.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
TOTAL	\$123,500.00	\$64,000.00	\$187,500.00

This estimate is based upon the current information. We will provide an updated estimate when the plans are further developed.

If you have any questions, please contact Nicholas Fields at 770-986-1117

KZ/PA/NF

Cc: Lee Upkins, State Utilities Engineer
Kerry Gore, Assistant State Utilities Engineer

STATE HIGHWAY AGENCY

DATE : 02/04/2016

PAGE : 1

JOB DETAIL ESTIMATE

JOB NUMBER : 0012820 SPEC YEAR: 13
 DESCRIPTION: SR 155 (CANDLER RD) AT 3 LOCATIONS:
 ALSTON DR., HOSEA WILLIAMS DR, KIRK RD

ITEMS FOR JOB 0012820

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	150-1000		LS	TRAFFIC CONTROL - SR 155 (CANDLER RD)	1.000	40000.00	40000.00
0010	441-0108		SY	CONC SIDEWALK, 8 IN	160.000	65.72	10516.63
0015	441-6222		LF	CONC CURB & GUTTER/ 8X30TP2	150.000	28.37	4256.16
0020	636-1041		SF	HWY SIGNS, TP 2MAT, REFL SH TP 9	200.000	37.04	7409.50
0025	639-3004		EA	STEEL STRAIN POLE, TP IV W/ 35 FT MAST ARM	1.000	12500.00	12500.00
0030	639-3004		EA	STEEL STRAIN POLE, TP IV W/ 35 FT & 45 FT MAST ARM	1.000	13500.00	13500.00
0035	639-3004		EA	STEEL STRAIN POLE, TP IV W/ 35 FT & 40 FT MAST ARM	2.000	14000.00	28000.00
0040	639-3004		EA	STEEL STRAIN POLE, TP IV W/ TWIN 50 FT MAST ARM	2.000	16000.00	32000.00
0045	647-1000		LS	TRAF SIGNAL INSTALLATION NO - 1	1.000	52200.00	52200.00
0050	647-1000		LS	TRAF SIGNAL INSTALLATION NO - 2	1.000	51120.00	51120.00
0055	647-1000		LS	TRAF SIGNAL INSTALLATION NO - 3	1.000	44800.00	44800.00
0060	653-1501		LF	THERMO SOLID TRAF ST 5 IN, WHI	100.000	1.08	108.77
0065	653-1704		LF	THERM SOLID TRAF STRIPE, 24, WH	48.000	7.51	360.76
0070	653-1804		LF	THERM SOLID TRAF STRIPE, 8, WH	800.000	2.69	2153.29
0075	682-6233		LF	CONDUIT, NONMETL, TP 3, 2 IN	3515.000	5.00	17575.00
0080	682-9950		LF	DIRECTIONAL BORE - 3 IN.	1700.000	10.05	17085.00
0085	682-9950		LF	DIRECTIONAL BORE - 7 IN.	605.000	13.00	7865.00

ITEM TOTAL

341450.10

INFLATED ITEM TOTAL

341450.11

TOTALS FOR JOB 0012820

ESTIMATED COST:

341450.11

ENGINEERING AND INSPECTION PERCENT (5.0):

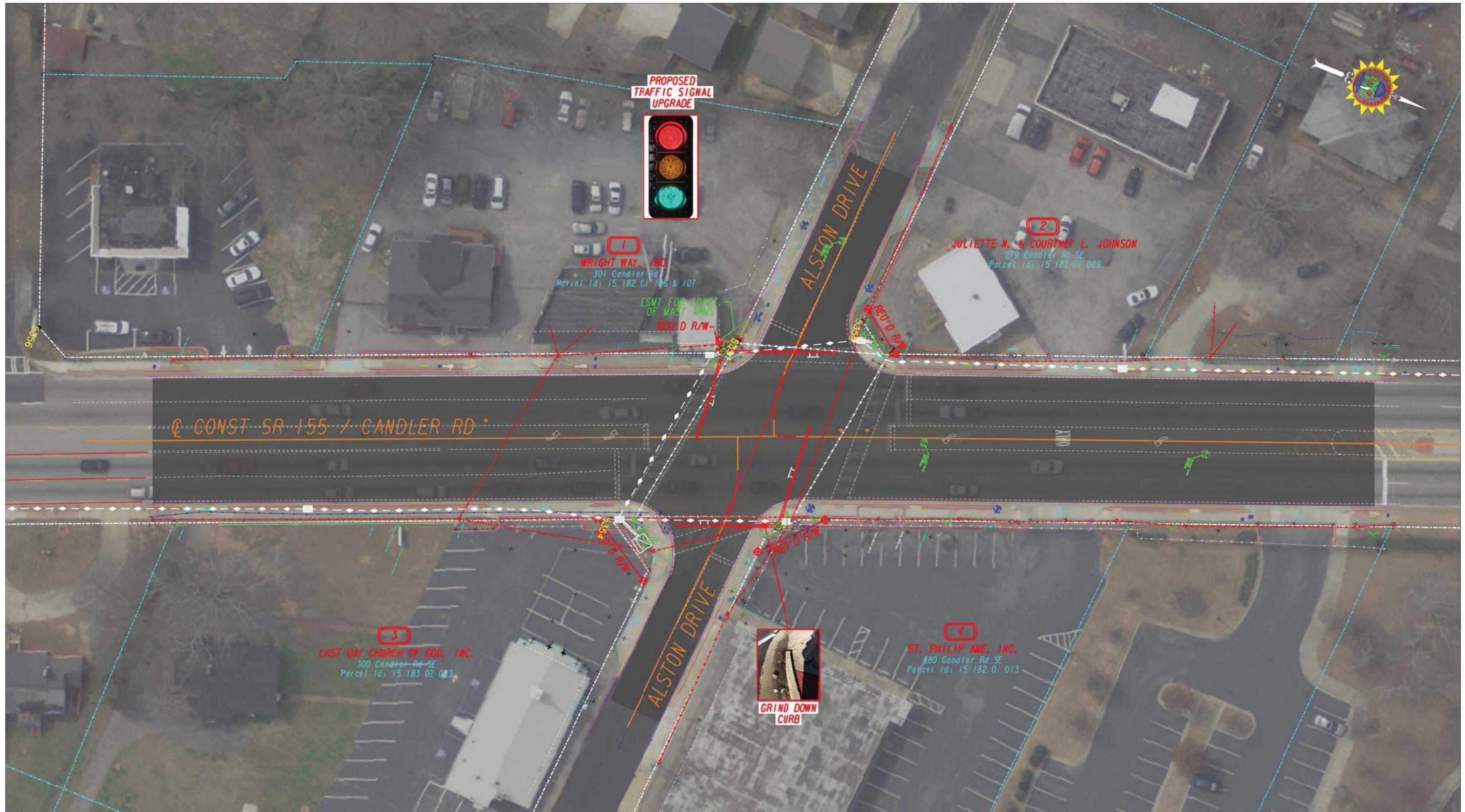
17072.51

CONCEPT COST CONTINGENCY PERCENT (10.0):

35852.26

ESTIMATED TOTAL:

394374.87



SR 155 / CANDLER ROAD
INTERSECTION
IMPROVEMENTS

P.I. NO. 0012820

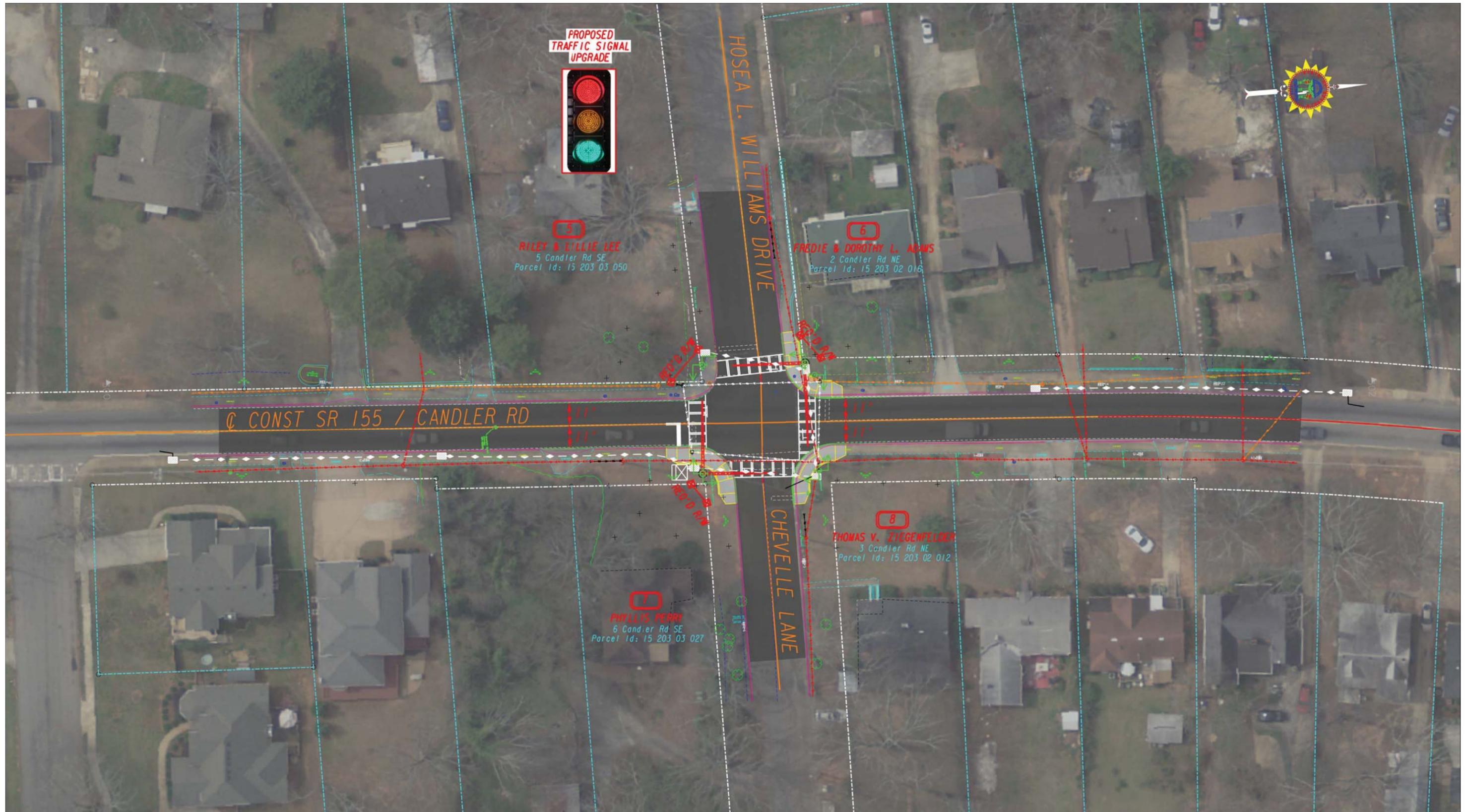
GEORGIA
DEPARTMENT
OF
TRANSPORTATION

H&L Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393

SR 155/ CANDLER ROAD AT
ALSTON DRIVE

FEBRUARY 4, 2016

SHEET 1



SR 155 / CANDLER ROAD
INTERSECTION
IMPROVEMENTS

P.I. NO. 0012820

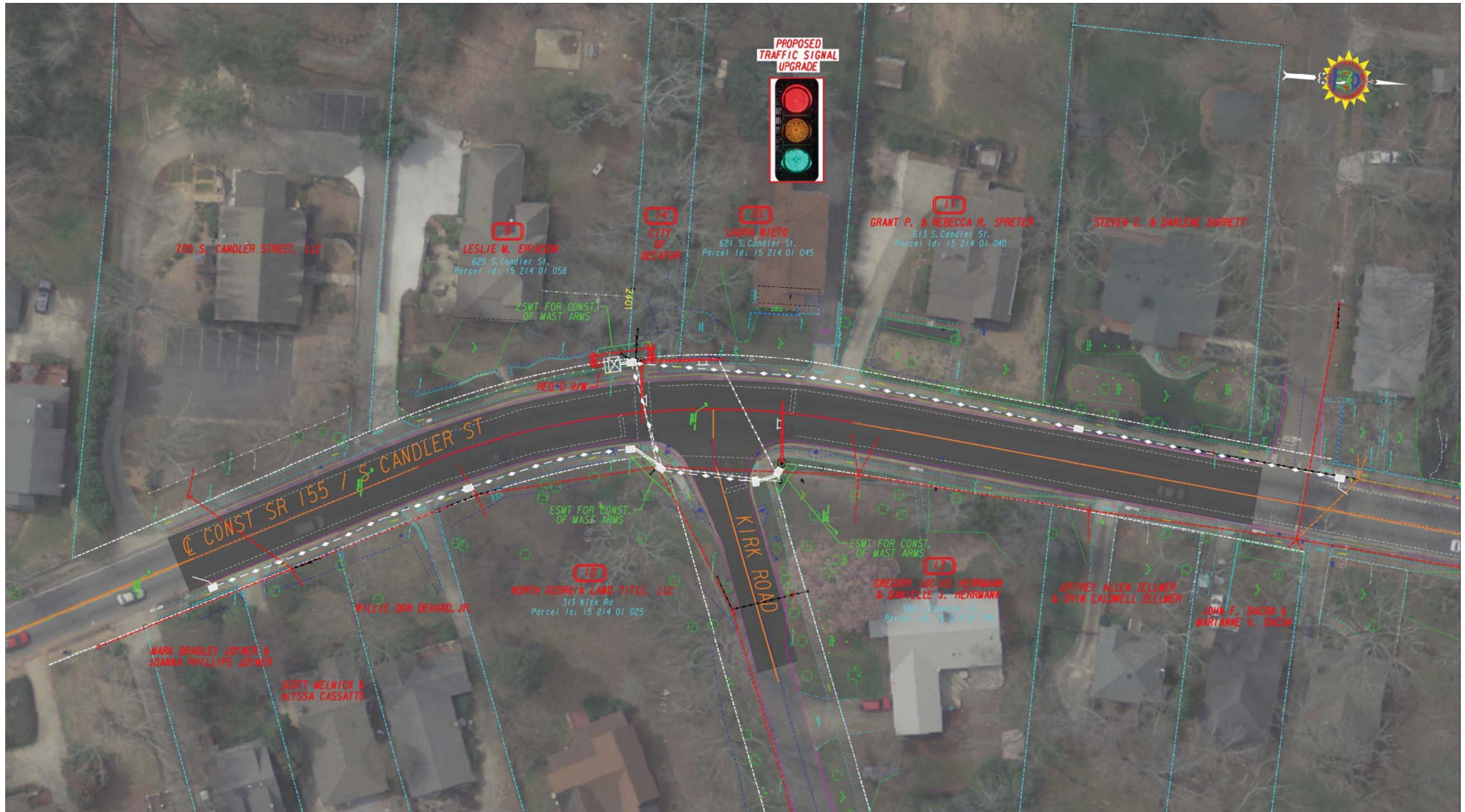
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DEPARTMENT
OF
TRANSPORTATION

H & L Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393

SR 155/ CANDLER ROAD AT
HOSEA WILLIAMS DRIVE

FEBRUARY 4, 2016

SHEET 2



SR 155/ CANDLER ROAD AT ALSTON DRIVE



SR 155 / CANDLER ROAD INTERSECTION IMPROVEMENTS

P.I. NO. 0012820

GEORGIA
DEPARTMENT OF TRANSPORTATION

H&L Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393

FEBRUARY 4, 2016

SHEET 3



LETTER OF TRANSMITTAL

1250 Winchester Parkway, Suite 200
Smyrna, Georgia 30080
Telephone: 770.333.9484 Fax: 770.333.8277

TO:
Jim Pomfret
Georgia Department of Transportation
Office of Environmental Services
16th Floor - OGC
Telephone: 404.631.1085

Date: 12/21/2015	EPEI Job No.: HNL 1511
Attention: Siska Williams	
Reference: Phase I Archaeological Survey of SR 155 at Alston Drive, Hosea L. Williams, and Kirk Road, DeKalb County, Georgia, P.I. No. 731830.	

WE ARE SENDING YOU attached via: email

Number of Copies: 1 revised draft short form

PI#(s)	0012820	County(ies)	DeKalb	Specialty Doc	Archaeology
Deliverable Title	Archaeological Survey Short Form			Version #	2
Prime Consultant	Heath & Lineback Engineers, Inc.	Sub Preparing Deliverable		Edwards-Pitman Environmental, Inc.	
Author Name	Joseph Roberts	ph #, email	(770) 333-9484, jroberts@edwards-pitman.com		
Consult Reviewer	Lynn Pietak	ph #, email	(770) 333-9484, lpietak@edwards-pitman.com		
GDOT Reviewer	Siska Williams	GDOT PM	Bruce G. Anderson		
Baseline Schedule "Base Finish" Environmental Summary Date: 2/26/16 (task order end date)					
Deliverable Baseline Schedule Date for Completion: 2/1/16					
If the Deliverable is behind schedule, please note the reason for the delay:					
Revised Baseline Schedule Justification (based on recovery schedule or GDOT PM PCRF): N/A					

THESE ARE TRANSMITTED as indicated below:

- For approval
 - For your use
 - As requested
 - For review & comment
- Approved as submitted
 - Approved as noted
 - Returned for corrections

REMARKS: _____

SENDER: Joseph Roberts

GDOT ARCHAEOLOGICAL SHORT FORM FOR NEGATIVE FINDINGS

Report Title: _____

Prime Consultant: _____

Sub Consultant: _____

GDOT Project No.: _____ P.I. No.: _____

GA SHPO HP#: _____

Draft Report Submitted on: ____/____/____

PROJECT LOCATION AND AREA OF POTENTIAL EFFECT

County(ies):

USGS Quadrangle(s):

Project Description:

Area of Potential Effect (APE):

SURVEY CONDITIONS

Soil Descriptions:

Topography:

Land Use/Vegetation/Ground Cover:

Survey Limitations and Disturbance(s):

Survey Methods:

No. of STs: _____ No. of Transects: _____

- This archaeological survey included all areas of the APE and an additional 100 foot expanded survey corridor.
- This archaeology survey covers the APE only and does not require the survey of the additional 100 foot expanded corridor.

ARCHAEOLOGICAL BACKGROUND RESEARCH

Previously Recorded Sites:

Previous Surveys:

Ref:

ATTACHMENT CHECKLIST

- | | |
|--|--|
| <input type="checkbox"/> 1. Project Location Map | <input type="checkbox"/> 2. USGS Topographic Map |
| <input type="checkbox"/> 3. References Cited | <input type="checkbox"/> 4. VITA |
| <input type="checkbox"/> 5. Photograph(s) | <input type="checkbox"/> 6. Field Notes |

CONSULTANT INFORMATION

Archaeological Consultant: _____

Address: _____

Phone No.: _____

Principal Investigator: _____

Project Archaeologist: _____

CONSULTANT CERTIFICATION

I, the Principal Investigator: _____ do hereby certify that the Area of Potential Effect (as described on Page 1 of this form) for GDOT Project _____ has been thoroughly surveyed for archaeological resources and that no such resources were located or identified.

PI Signature:  _____

Comments:

REVIEW

GDOT Archaeologist: _____ Date: ____/____/____

Comments:

Draft Accepted as Final

By agreement, because no archaeological resources were located within the project's area of potential effect, no signed concurrence from the State Historic Preservation Office is required.

Cc:

Attached Sheet

Project Description

The proposed project includes some combinations of new signal poles, cabinets, and signal equipment upgrades, and Americans with Disabilities Act (ADA) compliant wheelchair ramps on SR 155 at Alston Drive, Hosea L. Williams Drive, and Kirk Road in DeKalb County. No improvements to travel lanes or typical sections are proposed.

At the Alston Drive intersection, recent improvements include upgraded traffic signals, wheelchair ramps, and crosswalk restriping. Proposed improvements include replacing timber poles with galvanized steel poles and mast arms, and upgrading signal cabinet and equipment.

At Hosea L. Williams Drive intersection, recent improvements have included upgraded traffic signals, wheelchair ramp at the southwest corner, crosswalk restriping, and ped heads. Proposed improvements include replacing timber poles with galvanized steel poles and upgrading cabinet and equipment. ADA compliant wheelchair ramps would be constructed at the northeast, southeast, and northwest, corners of the intersection.

At the Kirk Road intersection, recent improvements have included upgraded traffic signals, wheelchair ramps, crosswalk restriping, and ped heads. Proposed improvements include replacing timber poles with galvanized steel poles and upgrading signal cabinet and equipment.

Project limits vary at each intersection as shown in the table below.

SR 155/Candler Road at Alston Drive Intersection	SR 155/Candler Road Approximately 600 feet	Alston Drive Approximately 250 feet
SR 155/Candler Road at Hosea L. Williams Intersection	SR 155/Candler Road Approximately 500 feet	Hosea L. Williams Approximately 250 feet
SR 155/South Candler Street at Kirk Road Intersection	SR 155/South Candler Street Approximately 550 feet	Kirk Road Approximately 100 feet

The existing right-of-way (ROW) varies at each intersection, as shown in the table below.

SR 155/Candler Road at Alston Drive Intersection	SR 155/Candler Road Approximately 40-78 feet	Alston Drive Approximately 50 feet
SR 155/Candler Road at Hosea L. Williams Intersection	SR 155/Candler Road Approximately 40-78 feet	Hosea L. Williams Approximately 50-55 feet
SR 155/South Candler Street at Kirk Road Intersection	SR 155/South Candler Street Approximately 48-78 feet	Kirk Road Approximately 50 feet

Previous Surveys and Previously Recorded Sites:

According to a search of the GASF in Athens, there is one previous archaeological survey that intersects the current survey area (Figure 2). New South Associates conducted survey of several alignments for a proposed gas and light pipeline in Clayton, Fulton, and DeKalb counties reported by Joseph and Valk (2012). The total length of the corridors surveyed was approximately 14.92 miles (24 kilometers) and also included 6.84 acres of workspaces adjacent to the main alignment. Their survey corridor crossed SR 155/Candler Road along Alston Drive, one of the intersections of the current survey. As a result of the 2012 survey, five new archaeological sites, including 9DA461 located 320 meters east of the survey area at Alston Drive, were recorded. Site 9DA461 is a historic artifact scatter located on a hillside and was reported to be redeposited early twentieth century glass and ceramic artifacts recovered from three shovel tests. Because the site was not delineated beyond the project boundaries it was recorded as of unknown eligibility for listing on the NRHP (Joseph and Valk 2012). The other four sites recorded by the 2012 survey are not located within a 1-km radius of the current survey area.

One other previously recorded archaeological site, 9DA450, is located approximately 800 meters west of SR 155/South Candler Street at Kirk Road. Site 9DA450 is a lithic and ceramic scatter located on a ridge end north of a Shoal Creek tributary and was recorded by R.S. Webb & Associates in 2010. Artifacts were surface collected and included 251 pieces of quartz debitage, 2 quartz cores, 1 quartz biface, 1 Cartersville check stamped sherd, 1 unknown eroded complicated stamp sherd, and 1 other eroded sherd. The artifacts were given both a Middle Woodland period

and unknown prehistoric cultural period designation. The site was threatened by new house construction as the lot's previous house had burned down and was listed as graded. The site was recommended ineligible for listing on the NRHP (GASF 2010).

References Cited:

Georgia Archaeological Site File (GASF)

2010 Site 9DA450. Georgia Archaeological Site form, on file at the Georgia Archaeological Site File, University of Georgia Department of Anthropology, Athens, Georgia.

Joseph, J.W. and Diana Valk

2012 *Phase I Archaeological Survey of Segments 2 and 4 and Workspaces for Atlanta Gas Light East Beltline*. New South Associates, Inc., Stone Mountain, Georgia. Prepared for Georgia Department of Transportation, Atlanta, Georgia.

Thomas, Grover J., Jr.

2012 *Soil Survey of DeKalb County Georgia*. United States Department of Agriculture, Natural Resources Conservation Service in cooperation with University of Georgia, College of Agriculture and Environmental Sciences, Agricultural Experiment Stations. Washington, D.C and Athens, Georgia.

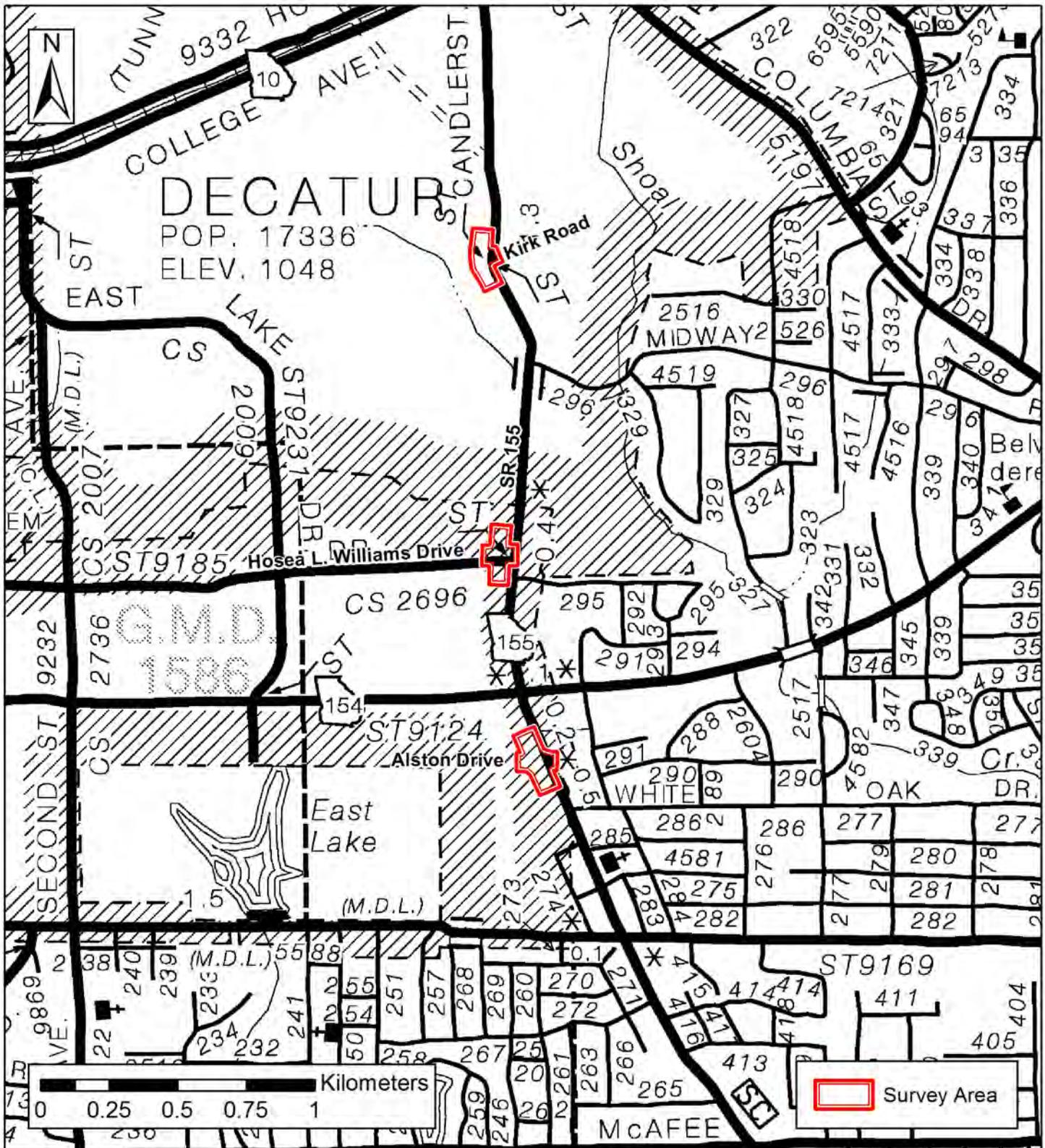


Figure 1. GDOT County Highway Map

Proposed Intersection Improvements to SR 155
 at Alston Drive, Hosea L. Williams Drive, and Kirk Road,
 DeKalb County, Georgia.

P.I. No. 0012820, HP No. 151112-006.



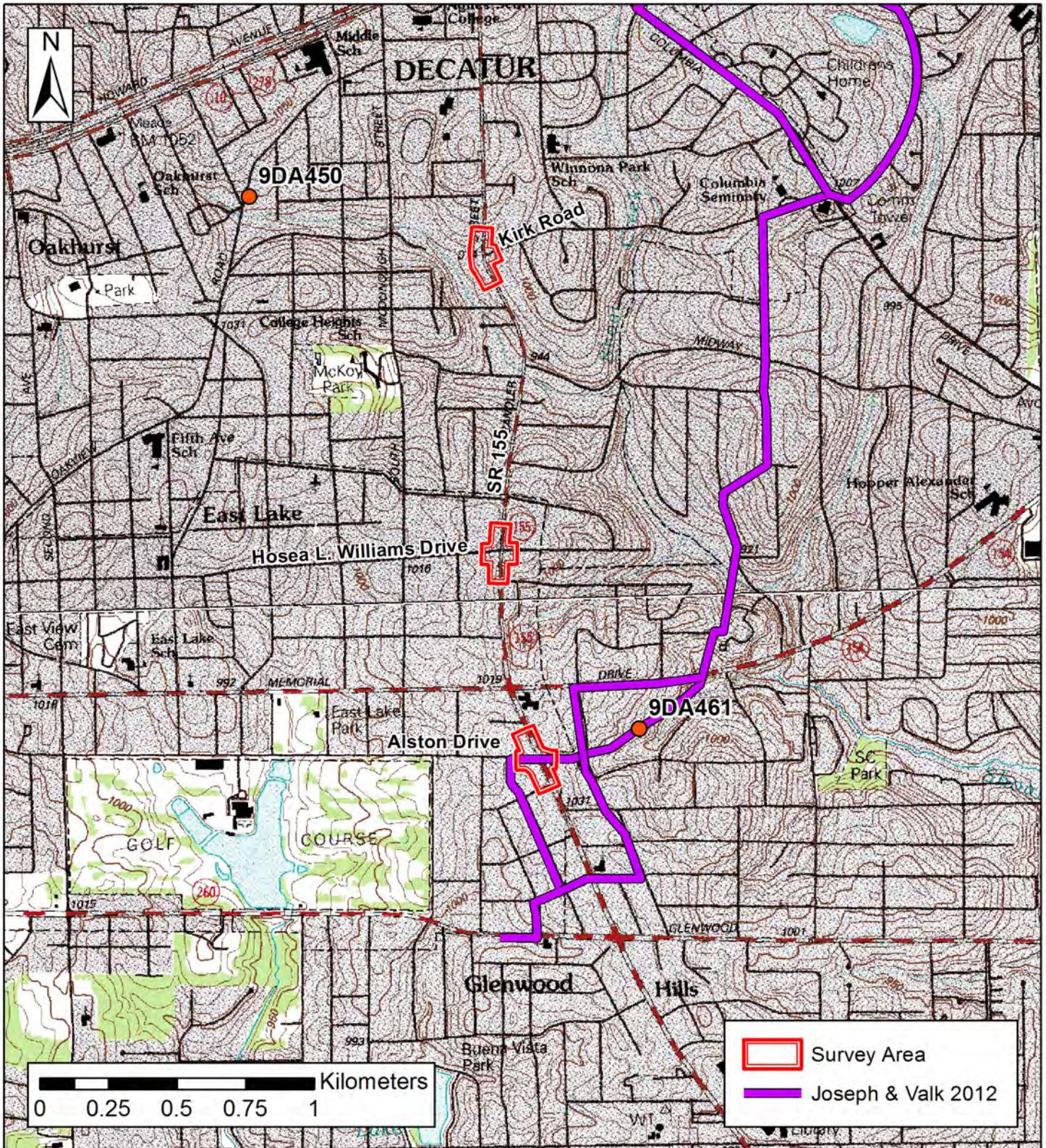


Figure 2. USGS Topographic Map

Proposed Intersection Improvements to SR 155
 at Alston Drive, Hosea L. Williams Drive, and Kirk Road,
 DeKalb County, Georgia.

P.I. No. 0012820, HP No. 151112-006.



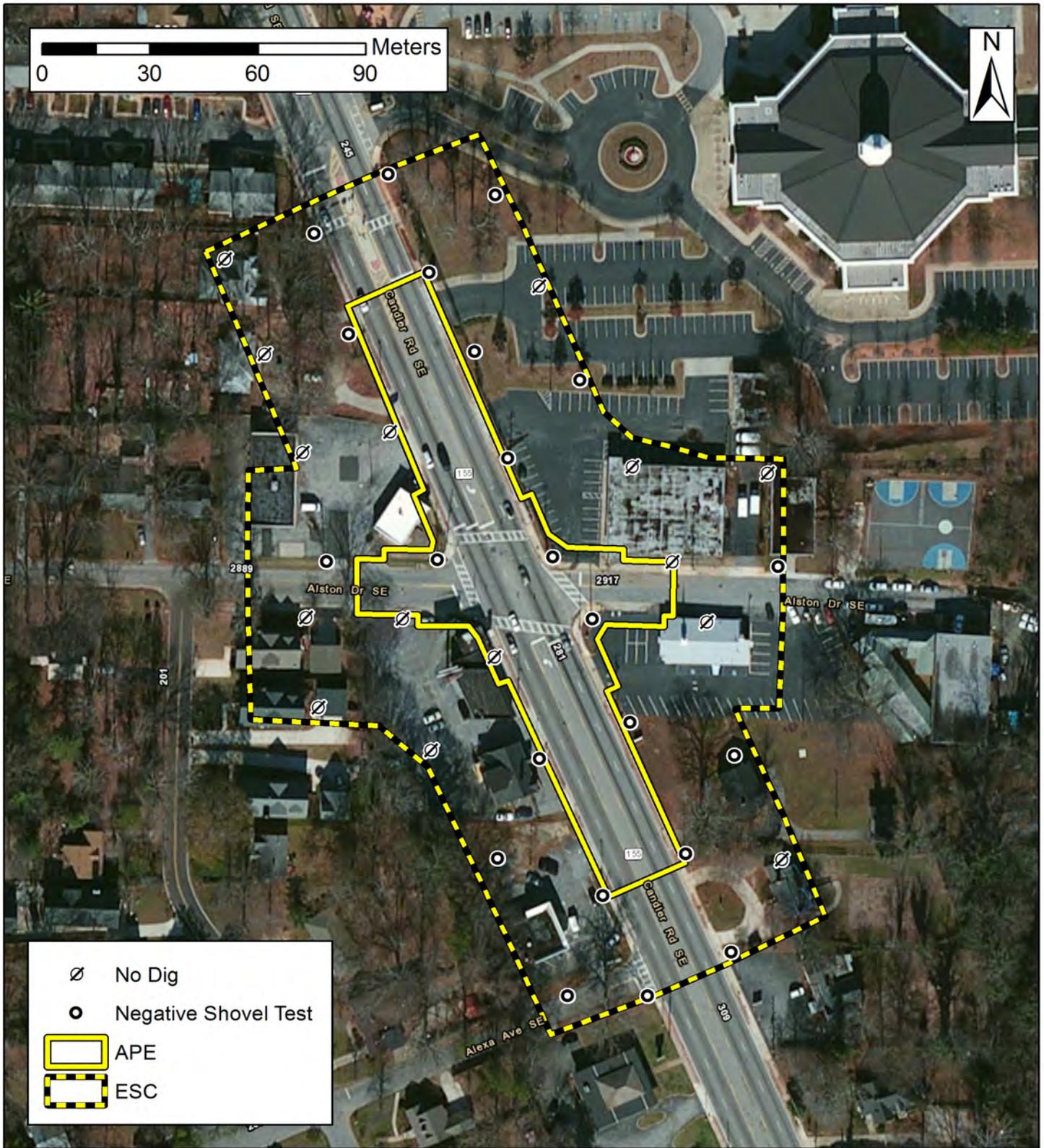


Figure 3. Survey Results Map 1 of 3
 Proposed Intersection Improvements to SR 155
 at Alston Drive, Hosea L. Williams Drive, and Kirk Road,
 DeKalb County, Georgia.
 P.I. No. 0012820, HP No. 151112-006.



Source: ESRI and its data suppliers, 2015.

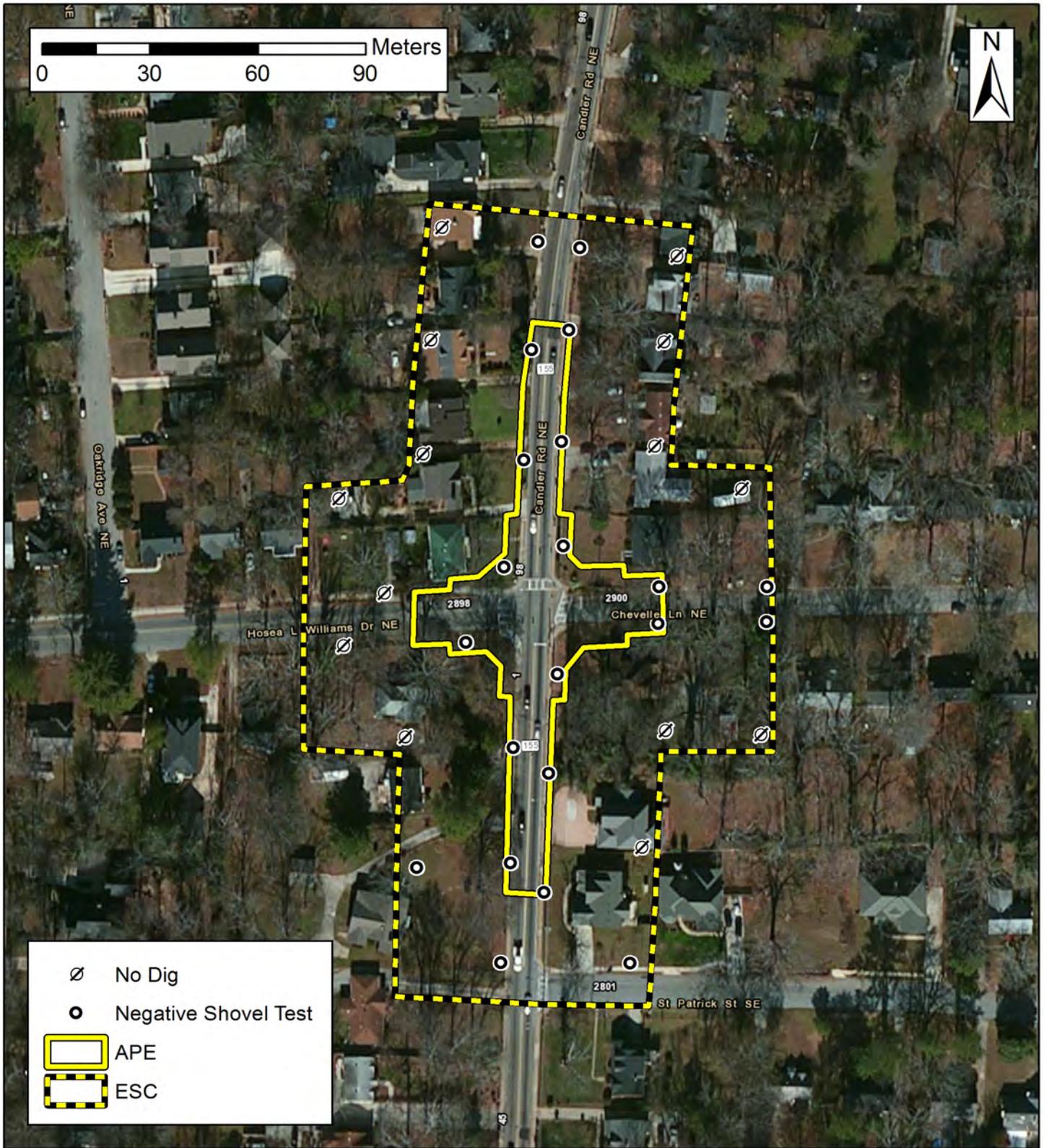


Figure 4. Survey Results Map 2 of 3
 Proposed Intersection Improvements to SR 155
 at Alston Drive, Hosea L. Williams Drive, and Kirk Road,
 DeKalb County, Georgia.
 P.I. No. 0012820, HP No. 151112-006.



Source: ESRI and its data suppliers, 2015.

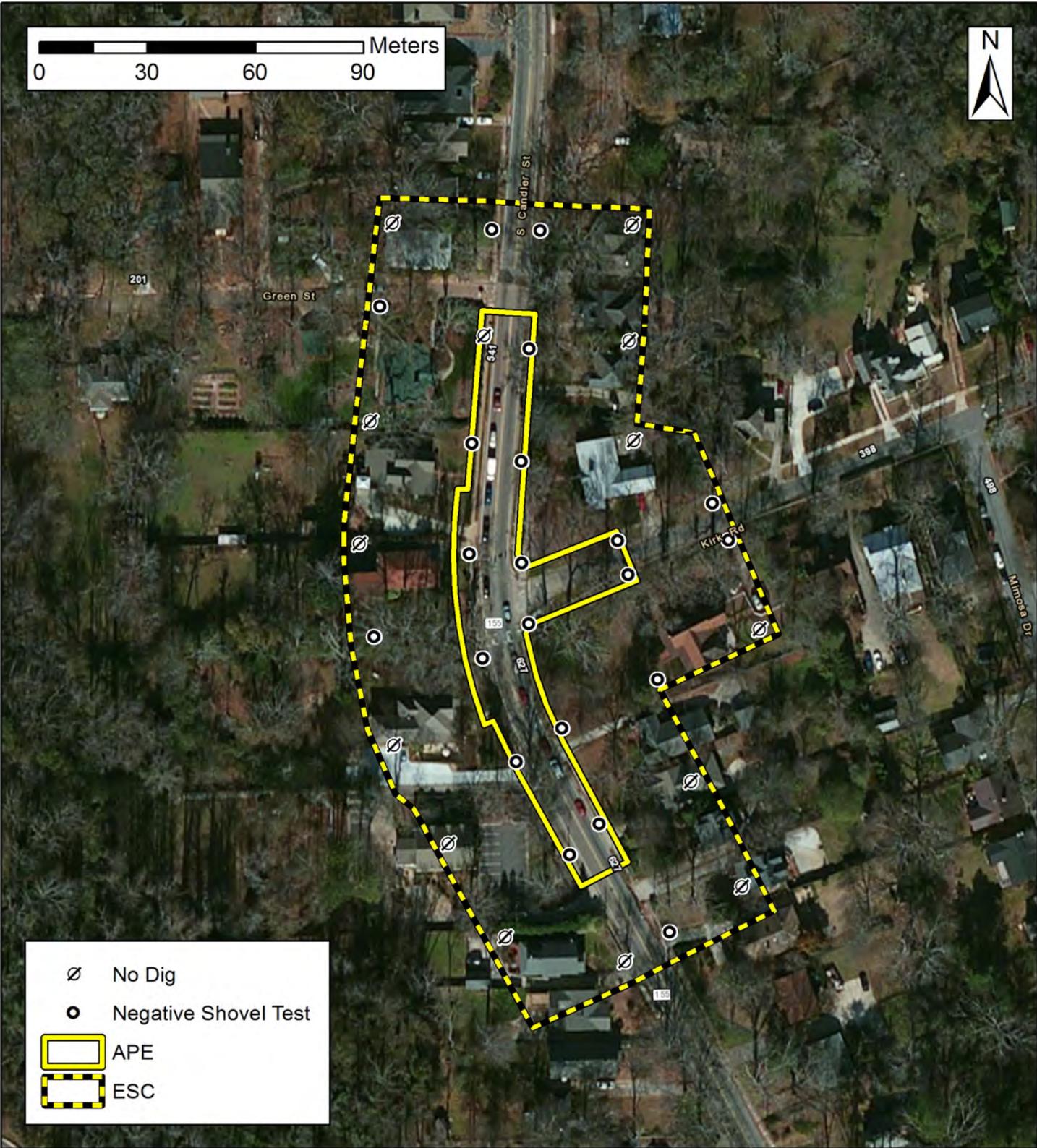


Figure 5. Survey Results Map 3 of 3
 Proposed Intersection Improvements to SR 155
 at Alston Drive, Hosea L. Williams Drive, and Kirk Road,
 DeKalb County, Georgia.
 P.I. No. 0012820, HP No. 151112-006.



Source: ESRI and its data suppliers, 2015.



Figure 6. Photographs of the Survey Area: A photograph of the intersection of SR 155/Candler Road at Alston Drive showing narrow APE and extensive development and utilities, facing west (top); a photograph of the intersection of SR 155/Candler Road at Hosea L. Williams Drive/Chevelle Lane (note a stone wall at left on Hosea L. Williams Drive), facing north (center); a photograph of the intersection of SR 155/Candler Road at Kirk Road, facing northwest (bottom).

JOSEPH F. ROBERTS, M.A., RPA

POSITION: Principal Investigator/Field Director
for Edwards-Pitman Environmental, Inc.

EDUCATION: B.A. Archaeology (2006)
University of North Carolina at Greensboro
M.A. Anthropology (2011)
East Carolina University

PROFESSIONAL AFFILIATIONS: Society for Georgia Archaeology
(President 2015-2016)
Register of Professional Archaeologists
Archaeological Institute of America

EXPERIENCE:

Mr. Joseph F. Roberts serves as a Principal Investigator and Field Director for the firm. He has eleven years of experience in archaeological survey and excavation, archaeological site recording and reporting, archaeological prehistoric and historic collection curation, and archaeological research. Mr. Roberts has worked on archaeological sites in the Southeast in various states including: Alabama, Georgia, Mississippi, North Carolina, South Carolina, and Virginia. In addition, he has participated in projects in England, Greece, and Jamaica.

Previously, Mr. Roberts served as Laboratory Manager for rehabilitation and curation of United States Corps of Engineers administered archaeological collections as part of the Veterans Curation Program in Augusta, Georgia. Mr. Roberts has served as Principal Investigator, Field Supervisor or Field Technician for various projects, including:

- **Phase I Survey for Project DeRenne:** served as Principal Investigator for a Phase I survey of improvements and widening to DeRenne Avenue in Chatham County, Georgia. The project included an ARPA permit for survey on Hunter Army Airfield.
- **Phase I Survey for the Waycross Bypass:** served as Co-Field Director during Phase I survey for the proposed Waycross Bypass in Pierce and Ware Counties, Georgia.
- **Phase I Survey for the South Tifton Bypass:** serving as the Principal Investigator for Phase I survey for the proposed South Tifton Bypass in Tift County, Georgia. During previous stages of the investigation, have served as a Co-Field Director and Project Archaeologist.
- **Phase I Surveys for Bridge Replacements in Georgia:** served as Field Director, Principal Investigator, or Project Archaeologist for various bridge replacement projects.
- **Phase I Surveys for GDOT Borrow Pits:** served as Principal Investigator for various borrow pits, waste sites, common fill sites, and stockpile sites throughout Georgia.

Photo	Description	Facing
1	View of A1922 (to SE) in line	W
2	Disturbed dry soils in the old row	NW
3	View of A1922 @ SE row level	S
4	View of wider APE along RR	W
5	Narrow row along RR	N
6	Narrow row along RR @ Kite	NW
7	View along Kite in wider row	W

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3510	0-20	RCJ	20-30	E side of center of road
3511	0-10	RCJ	wooded	along road by road
3512	0-10	RCJ	about 20 ft along	road
3513	0-5	RCJ	side of structure	by air vent
3514	0-10	RCJ	SE side of structure	at NW corner
3515	0-10	RCJ	SE side of structure	at NW corner
3516	0-2	RCJ	SE side of structure	at NW corner
3517	0-1	RCJ	SE side of structure	at NW corner
3518	0-10	RCJ	SE side of structure	at NW corner
3519	0-5	RCJ	SE side of structure	at NW corner
3520	0-2	RCJ	SE side of structure	at NW corner
3521	0-5	RCJ	SE side of structure	at NW corner
3522	0-2	RCJ	SE side of structure	at NW corner
3523-25				E side of Center Road @ 155
3526	0-10	RCJ	Along SE side of road	at NW corner
3527	0-5	RCJ	In East of road	at NW corner
3528	0-2	RCJ	at NW corner	at NW corner
3529	0-10	RCJ	at NW corner	at NW corner
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3545	0-10	RCJ	at NW corner	at NW corner
3546	0-10	RCJ	at NW corner	at NW corner
3547	0-10	RCJ	at NW corner	at NW corner

35.48-57 on W side of Center Road

3558	0-15	RCJ	at NW corner	at NW corner
3559	0-5	RCJ	at NW corner	at NW corner
3560	0-5	RCJ	at NW corner	at NW corner
3561	0-5	RCJ	at NW corner	at NW corner
3562	0-10	RCJ	at NW corner	at NW corner
3563	0-2	RCJ	at NW corner	at NW corner
3564	0-2	RCJ	at NW corner	at NW corner
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3567	0-2	RCJ	at NW corner	at NW corner
3568	0-2	RCJ	at NW corner	at NW corner
3569	0-10	RCJ	at NW corner	at NW corner
3570	0-10	RCJ	at NW corner	at NW corner

wooded area on W side of Center Road @ 155
 empty field at 145 ft with wood near the house
 used to grow corn between road
 Kirk @ 150 is in the Agnes South Historic District
 a sign indicating the southern limit of the
 district is located South of Kirk Road

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<p><u>JST 1</u> 0</p> <ul style="list-style-type: none"> • 0-30cm disturbed reddish clay loam glauk subsoil. 	<p>LOCATION</p> <ul style="list-style-type: none"> • Front of Carter Rd. between
<p><u>JST 2</u> 0</p> <ul style="list-style-type: none"> • 0-1cm disturbed red soil with concrete in fill. 	<p>↓</p>
<p><u>JST 3</u> 0</p> <ul style="list-style-type: none"> • 0-10cm heavily disturbed red clay on top concrete. 	<ul style="list-style-type: none"> • Front of Title Area
<p><u>JST 4</u> 0</p> <ul style="list-style-type: none"> • 1/4" soil over drop out pavement. 	<ul style="list-style-type: none"> • Between Title Area and Title Area
<p><u>JST 5</u> 0</p> <ul style="list-style-type: none"> • 1/4" soil over drop concrete. 	<ul style="list-style-type: none"> • 2' back of front of Title Area

012 133
@ Candler Rd

JES 2/3/15

LOCATION

• Corner of
Candler Rd. &
Alston Dr. (gravel parking)

JST 6 @

• 0-20cm disturbed soil
dry, large rocks.
• 20-30 darker
red clay.

JST 7 @

• 0-10cm grass cover,
dark loam.

• next to "fence"
& Upholstery

• 10-15cm disturbed tan-
orange clay, and in concrete.

JST 8 @

• near fence

• 0-10cm grass cover
w/ darkest loam

• Philip Chaudhary

• 10-15cm red
clay & gravel in-fill,
disturbed

JST 9 @

• 0-5cm grass cover
w/ darker loam soil

• 5-25cm red clay
disturbed gravel fill.

END

PHR 1511

HOSPITAL

JES

12/3/15

JST 23 @

• 0-10cm disturbed
moist loam

LOCATION

• 207 Candler Rd.
parked in front of
St. Joseph's St.

JST 24 @

• Darker soil, some
10-30cm sections
dry loam, small rocks

• 41 Candler Rd.

JST 25 @

• Highly disturbed
reddish clay in fill
0-7cm

JST 26 @

• 0-20cm dark loam
soil w/ fill beneath
gravel area

• next to St. Joseph's

• 10-20cm red loam
clay

JST 27

• forest in yard

JST 28

LOCATION

- 0-10m grass cut
- 10-30 disturbed
- soil by gravel and

• 55 Canby Rd.

JST 29

• near Heaven Lutheran

- disturbed ground
- full of plants, road
- side

JST 30

- could not dig,
- corner of paved drive
- w/ granite wall

JST 31-34

• All along
Canby Rd.

- disturbed Red soil,
- right of way edge only
- 10m of grass cut
- then paved underpass

END

at Kirk Dr

UEJ

12/3/11

JST 41

LOCATION

- fenced in area,
- cannot dig

• 10-15m soil to 70
S. Canby Rd.

JST 42

• In front of
The Bible Academy

- sidewalk, disturbed
- road side strip
- gravel on file

JST 50

• By T-junction
of S. Canby Rd.
and Kirk Rd.

- 0-10m dark brown
- soil under grass
- lower

- 10-20m tan
- sandy clay

JST 51

• In front of T-
junction of
S. Canby Rd. &
Kirk Rd.

- 0-10m light clay
- grass cover up to 10m
- lower soil

- 10-20m tan
- sandy clay

HNL 1511 - SR 1550
Kirk Rd. JES 17/3/15

JST 52
• Low up dry
immediately back
bed with rocks
and modern trash.

LOCATION
• wooded
bordered behind
Kirk Rd.

JST 53 ⊕
• 0-10m dark, low
beach grass low
• 10-20m tan,
sandy, clay / dark sand

• 621 S. Carolina Rd.

JST 54
• found not present
deeper than 10m,
road with concrete

• 66155 for 556
S. Carolina Rd.

JST 56
• found not dig,
edge wall adjacent
to side walk

• land parcel @
66555 on St.

HNL 1511 - SR 1550
Kirk Rd. JES

JST 57 ⊕
• 0-10m solid tan
• 7-10m red clay

LOCATION
• on parcel @
66555 on St.

JST 58
• 0-10m dark grey
tan, small clay inclusions
• 10-20m red clay
with small pebbles

• on parcel @
66555 on St.



Meeting Notes

Project PI No.: 0012820, DeKalb County

SR 155/Candler Rd at 3 Loc: Alston Dr, Hosea L. Williams Dr, and Kirk Rd

Date: 11-13-2015



H & L Project Number: 2011.006.043

Attendees: Perry Black, GDOT-OPD & PM
Alan Davis, GDOT-TMC
Bryan Corazzini, GDOT-OPD
Nicholas Fields, GDOT Utilities
Hunter Spinks, AT&T
Allen Krivsky, H&L
Rana Altinsoy, H&L

Minutes By: Allen Krivsky and Rana Altinsoy

A Project Team Kickoff Meeting was held on-site on November 13, 2015.

The following items were discussed:

A Traffic Study is not needed for traffic/pedestrian signal upgrades.

The Project Justification Statement will be requested from GDOT.

Discussion of Description and Project Layout:

The project proposes to provide improved intersections at three locations on SR 155/Candler Rd at Alston Dr, Hosea L. Williams Dr, and Kirk Rd with traffic signal upgrades, crosswalk restriping and pedestrian accommodations in accordance with the Americans with Disabilities Act (ADA).

During the meeting, each intersection was evaluated for its pedestrian ramps, traffic and pedestrian signals, and traffic striping.

• **SR 155/Candler Rd at Alston Dr:**

- The ramps at this intersection have been recently reconstructed to be ADA compliant. There is a curb piece at the ramp on the northeast quadrant that needs to be grinded down to avoid being a tripping hazard.
- The traffic signals have new back plates.
- There are no pedestrian specific signals (ped heads) at this intersection, but each signal pole has a pedestrian push button.
- The signal poles in the northeast and northwest quadrants are timber poles and the poles in the southeast and southwest quadrant are galvanized steel poles.

- Traffic signal upgrade items would include:
 - Galvanized steel mast arms
 - LED signal heads
 - Signal cabinet and equipment
- This intersection has been recently restriped with new crosswalks, stop bars and travel lane striping and may not need any further striping work.
- **SR 155/Candler Rd at Hosea L. Williams Dr:**
 - This intersection has a new ADA ramp in the southwest quadrant. The remaining three quadrants require upgrades with ADA compliant ramps.
 - The traffic signals have new back plates.
 - The ped heads have been recently replaced.
 - The traffic signal poles are timber.
 - Traffic signal upgrade items would include:
 - Galvanized steel poles are preferred, but mast arms may be required to avoid utilities.
 - LED signal heads
 - Signal cabinet and equipment
 - The intersection has been recently restriped with new crosswalks, stop bars and travel lane striping, but adjustments are likely after ramp construction is complete.
- **SR 155/Candler Rd (S Candler St) at Kirk Rd:**
 - This is a three-legged intersection and has new ADA ramps in three locations designated for pedestrian crossing. There is no further work required on the ramps.
 - The ped heads have been recently replaced.
 - The two signal poles on the north part of the intersection are galvanized steel and can be retained. The two signal poles on the south part of the intersection are timber.
 - Traffic signal upgrade items would include:
 - Galvanized steel poles in place of timber poles
 - LED signal heads
 - Signal cabinet and equipment
 - The intersection has been recently restriped with new crosswalks, stop bars and travel lane striping, and can likely be retained.
- **Right-of-Way**
 - Minimize the acquisition of right-of-way. Construction Easements will be required.
 - Right-of-Way Cost Estimate
 - District 7 is to provide Right of Way cost estimates.
 - A detailed description of actual proposed construction is required for an accurate cost estimate.
 - Right of Way Cost Estimates can be provided in approximately one month of the request.

- **Utilities:** Utility submittal will follow the traditional 1st/2nd submission path during the preliminary phase.
 - The utility cost estimate will be provided by District 7 and is usually estimated as worst case scenario.
- **H&L Team Members**
 - Environmental – Edwards Pitman – (Josh Earhart)
 - Survey – Long Engineering – (Randy Sanborn)
 - Traffic Signal Concept – Wilburn Engineering
- **Environmental Document & Studies**
 - The environmental studies will be performed by Edwards-Pitman.
- **Survey Database and Survey Limits**
 - Survey data is being compiled by Long Engineering. The entry letters have been prepared and distributed.
 - It was discussed by the attendees of the meeting to reduce survey limits at each of the evaluated intersections. It was agreed upon setting the limits to 250 feet in each direction of the intersection along SR 155/Candler Rd and 100 feet from the intersection in each direction along the sideroads.

Project Schedule

- The project contract will expire on February 29, 2016. All Concept, Database, and Environmental work will need to be completed by that time.
- General tentative schedule for the concept submittal. A more detail schedule will be provided per request.
 - Concept Approval by February 29, 2016
 - Final Concept Submittal – January 18, 2016 (or sooner)
(40 days prior to Contract End)
 - Submit Draft Concept Report by November 30, 2015

Action Items:

- Request Project Justification Statement from GDOT
- Request Utility Cost Estimate
- Request Right-of-Way Cost Estimate

Attachment:

- Attendees List
- Site Visit Project Layout