

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

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

FILE P.I. # 0013226

OFFICE Design Policy & Support

Fulton, Cobb, & Douglas Counties
GDOT District 7 - Metro Atlanta
Navigator/ITS from SR 139/Martin Luther
King Boulevard to SR 5 Bill Arp Road

DATE 12/22/2014

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:

Glenn Bowman, Director of Engineering
Joe Carpenter, Director of P3/Program Delivery
Genetha Rice-Singleton, Assistant Director of P3/Program Delivery
Albert Shelby, State Program Delivery Engineer
Bobby Hilliard, Program Control Administrator
Cindy VanDyke, State Transportation Planning Administrator
Hiral Patel, State Environmental Administrator
Ben Rabun, State Bridge Engineer
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
Richard Cobb, Statewide Location Bureau Chief
Rachel Brown, District Engineer
Scott Lee, District Preconstruction Engineer
Patrick Allen, District Utilities Engineer
Sue Anne Decker, Project Manager
BOARD MEMBER - 13th & 5th Congressional Districts

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA LIMITED SCOPE PROJECT CONCEPT REPORT

Project Type: <u>ITS</u>	P.I. Number: <u>0013226</u>
GDOT District: <u>7</u>	County: <u>Cobb, Douglas, Fulton</u>
Federal Route Number: <u>I-20</u>	State Route Number: <u>402</u>
Project Number: _____	NA

To extend Georgia NaviGator from SR 139/Martin Luther King Blvd to SR5/Bill Arp Rd

Submitted for approval:

<u>Albert V. Shelby, III</u> State Program Delivery Engineer	BVA	<u>10.17.14</u> Date
<u>Sue Anne Decker</u> (KESD) GDOT Project Manager		<u>10.8.2014</u> Date

Recommendation for approval:

<u>HIRSH PATEL*/EKP</u> State Environmental Administrator	<u>10/25/2014</u> Date
<u>KATHY ZAHUL*/EKP</u> State Traffic Engineer	<u>10/29/2014</u> Date
<u>BEN ROBUN*/EKP</u> State Bridge Engineer	<u>10/29/2014</u> 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).

<u>CINDY VANDYKE*/EKP</u> State Transportation Planning Administrator	<u>10/27/2014</u> Date
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Approval:

Concur: <u>[Signature]</u> GDOT Director of Engineering	<u>12/2/14</u> DATE
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Approve: <u>[Signature]</u> ** GDOT Chief Engineer	<u>12/16/14</u> DATE
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* - RECOMMENDATION ON FILE

Scope to include Budget

PROJECT LOCATION



Counties: Cobb, Douglas, Fulton

PLANNING & BACKGROUND DATA

Project Justification Statement:

This project is for the expansion of the Navigator Intelligent Transportation System (ITS) on I-20 west of Atlanta - in Fulton, Cobb and Douglas counties. The limits of the project are from the current end of Navigator coverage near SR 139/Martin Luther King Blvd to SR 5/Bill Arp Rd in Douglasville. "Navigator" is the umbrella name for Georgia's ITS program and includes elements such as traffic cameras, electronic message signs, ramp meters, traffic detection systems and a communications network. Navigator began in 1996 with a small coverage zone of approximately 37 centerline miles in central Atlanta. Over the years, the system has expanded and now covers over 280 centerline miles of freeway in the Atlanta region and parts of Macon. However, due to a variety of factors, the system was never expanded on I-20 in the western suburbs of Atlanta. This gap in coverage became readily apparent during the weather event of January 2014 when the Atlanta region was immobilized by heavy ice and snow. The I-20 corridor west of Atlanta became one of the most-affected sections of highway in the region with jackknifed tractor trailers and numerous stalled automobiles. Unfortunately, emergency operations center staff at the Transportation Management Center (TMC) was unable to view this situation due to the lack of Navigator coverage on I-20 west. This project will rectify this gap by providing full Navigator components through this heavily-traveled section of I-20. All of the system elements will be tied back to the central TMC via fiber optic cable.

Existing conditions: Near the I-285 interchange, I-20 has 5 west bound lanes and 4 east bound lanes. The lanes are barrier separated with approximately 10 foot paved inside shoulders and approximately 20 foot paved outside shoulders. Currently the Georgia NaviGator ends at the SR 139/Martin Luther King Blvd overpass.

Other projects in the area:

PI Number	Project Description	Let Date	In Conflict with PI # 0013226?
0000379	I-285/I-20 West Reconstruct Interchange – Design/Build	NA – CST in 2021	No
0001760	I-20 from SR 6 to SR 280 – HOV lanes	NA – CST in LR2	No
0001917	I-20 @ Lee Rd	10/19/2012	No
0003435	I-20 WB from Liberty Rd to SR 5/Bill Arp Road – HOV Lanes	NA – CST in LR2	No
0006301	SR 92 Reloc from Pine Drive to Cooper St Reloc-Phase II	4/18/14	No
0012618	SR 5 from Rose Ave to Central Church Rd – Operational Improvements	NA - CST in 2017	No
0012619	I-20 @ SR 5 @ Bright Star Rd – Interchange Alt Analysis	NA	No
0012622	SR 5, SR 92 & Chappell Hill Rd - ITS Expansion	NA – CST in 2016	No
0013058	I-20 West from SR 5 to SR 6 – HOV lanes	NA – CST in LR2	No
713630-	I-20 from Fulton Industrial Blvd East to I-285 – Widening	NA – CST in LR2	No
713630-	I-20 from Fulton Industrial Blvd East to I-285	NA – CST in LR2	No
M004253	I-20 @ Sweetwater Creek & @ Six Flag Pkwy – Edgebeam & Joint Repair	2011	No

Counties: Cobb, Douglas, Fulton

M004589	I-20 from Carroll County to SR 5	2013	No
M004605	I-20 @ I Loc in Cobb & 4 Loc in Fulton – Joint Repair	2014	No
M005119	I-20 EB @ SR 6/Thornton Rd Exit Ramp – Separated Pipe Repair	2014	No
M005120	Slope Repair 1-20EB off-ramp from SR 6/Thornton Rd	2015	No
M005198	I-20 from Sweetwater Creek to CS 3541/Hill Street - Resurfacing	NA	No
M005199	I-20 from SR 5 to Sweetwater Creek	NA	No

Description of the proposed project:

This project includes the expansion of the NaviGator system from SR 139/Martin Luther King Jr Drive in Fulton County to SR 5/Bill Arp Rd in Douglas County. Under this project, fiber-optic cable will be installed in both outside grass shoulders of I-20 (east bound and west bound). Additionally, concrete poles with closed circuit television cameras and radar detection units will be installed at or near each interchange and at intervals in between. Pull boxes will be spaced approximately every 700 feet (approximately 204 pull boxes). Fiberglass conduit will be used at all bridge crossings and will be attached to the bridge. Four dynamic message signs installed on overhead sign structures.

Ramp meters will be installed on 8 entrance ramps.

MPO: Atlanta Regional Commission (ARC)

TIP # if applicable NA

TIA Regional Commission: Atlanta Regional Commission

RC Project ID NA

MPO Name Congressional District(s): 13, 5

Federal Oversight: Exempt State Funded Other

Projected Traffic: ADT or AADT

Current Year (20WW): NA Open Year (20XX): NA

Design Year (20YY): NA

Traffic Projections Performed by: NA

Functional Classification (Mainline): Urban Interstate Principal Arterial

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

Warrants met: None Bicycle Pedestrian Transit

DESIGN AND STRUCTURAL

Major Structures: See the list below.

Structure ID	Existing	Proposed	Attachment Needed?
121-0166-0	159' Bridge I-20 over SR 139/Martin Luther King Blvd	Same as existing	Yes
121-0165-0	240' Bridge I-20 over SR 70/Fulton Industrial Blvd	Same as existing	Yes
121-0164-0	149' Bridge I-20 over CSX Railroad	Same as existing	Yes

Counties: Cobb, Douglas, Fulton

067-0090-0	452' Bridge I-20 over the Chattahoochee River	Same as existing	Yes
067-0089-0	147' Bridge I-20 over Six Flags Road	Same as existing	Yes
067-0172-0	304' Bridge Six Flags Drive over I-20	Same as existing	No
067-0135-0	440' Factory Shoals Rd over I-20	Same as existing	No
097-0005-0	302' Bridge SR 6/Thornton Road over I-20	Same as existing	No
097-0025-0	300' Bridge I-20 over Sweetwater Creek	Same as existing	Yes
097-0043-0	218' Bridge Mount Vernon Rd over I-20	Same as existing	No
097-0027-0	260' Bridge Lee Road over I-20	Same as existing	No
097-0023-0	43'- 4 Barrel Culvert I-20 over Beaver Run Creek	Same as existing	No
097-0010-0	243' Bridge North County Line Road over I-20	Same as existing	No
097-0032-0	227' Bridge Burnt Hickory Rd over I-20	Same as existing	No
097-5064-0	439' Bridge SR 92/Fairburn Rd over I-20	Same as existing	No
097-0011-0	216' Bridge Prestley Mill Rd over I-20	Same as existing	No
097-0050-0	351' Bridge Chappell Hill Rd over I-20	Same as existing	No
097-0004-0	247' Bridge SR 5/Bill Arp Rd over I-20	Same as existing	No

Major Interchanges/Intersections:

- I-20 @ SR 70/Fulton Industrial Blvd
- I-20 @ Riverside Pkwy
- I-20 @ Six Flags Rd
- I-20 @ SR 6/Thornton Rd
- I-20 @ Lee Rd
- I-20 @ SR 92/Fairburn Rd
- I-20 @ Chappell Hill Rd
- I-20 @ SR 5/Bill Arp Rd

Lighting required: No Yes

Transportation Management Plan [TMP] Required: No Yes

If Yes: Project classified as: Non-Significant Significant
 TMP Components Anticipated: TTC TO PI

Will Context Sensitive Solutions procedures be utilized? No Yes

Design Exceptions to FHWA/AASHTO controlling criteria anticipated: No

Design Variances to GDOT Standard Criteria anticipated: No

UTILITY AND PROPERTY

Temporary State Route Needed: No Yes Undetermined

Railroad Involvement: NA

Utility Involvements:

SUE Required: No Yes

Public Interest Determination Policy and Procedure recommended? No Yes

Right-of-Way: Existing width: Varies ft. Proposed width: Same as existing
 Required Right-of-Way anticipated: No Yes Undetermined

Easements anticipated: None Temporary Permanent Utility Other

Anticipated number of impacted parcels:

Displacements anticipated: Total: 0
 Businesses: 0
 Residences: 0
 Other: 0

ENVIRONMENTAL AND PERMITS

Anticipated Environmental Document:

GEPA: NEPA: CE PCE

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

Environmental Permits, Variances, Commitments, and Coordination anticipated:

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
 (if any of the above are answered "Yes", additional analysis may be required)

NEPA/GEPA Comments & Information: This project has no potential for effect. A Type A GEPA letter will be submitted to cover environmental requirements.

COORDINATION, ACTIVITIES, RESPONSIBILITIES, AND COSTS

Project Meetings: PTIP Meeting held September 10, 2014.

Project Activity	Party Responsible for Performing Task(s)
Concept Development	GDOT
Design	Atkins
Right-of-Way Acquisition	NA
Utility Relocation	NA
Letting to Contract	GDOT
Construction Supervision	GDOT
Providing Material Pits	NA

Providing Detours	NA
Environmental Studies, Documents, and Permits	GDOT
Environmental Mitigation	NA
Construction Inspection & Materials Testing	GDOT

Other coordination to date: None

Project Cost Estimate and Funding Responsibilities:

	Breakdown of PE	ROW	Reimbursable Utility	CST*	Environmental Mitigation	Total Cost
Funded By	GDOT	NA	GDOT	GDOT	NA	
\$ Amount	\$283,287.27	0.00	0.00	\$9,025,447.94	0.00	\$9,308,735.21
Date of Estimate	6/1/2014	10/8/2014	10/8/2014	11/12/2014	10/8/2014	

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

ALTERNATIVES DISCUSSION

Preferred Alternative:			
Estimated Property Impacts:	None	Estimated Total Cost:	\$8,524,239.94
Estimated ROW Cost:	\$0.00	Estimated CST Time:	6 months
Rationale: It satisfies the Justification for the project.			

No-Build Alternative:			
Estimated Property Impacts:	None	Estimated Total Cost:	\$0.00
Estimated ROW Cost:	\$0.00	Estimated CST Time:	None
Rationale: It does not satisfy the project justification.			

Comments/Additional Information:

LIST OF ATTACHMENTS/SUPPORTING DATA

1. Cost Estimate
2. PTIP Meeting minutes

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. 0013226

OFFICE Program Delivery

PROJECT DESCRIPTION

I-20 from SR 5 to SR 139 - Navigator ITS

DATE November 26, 2014

From: Albert V. Shelby III, State Program Delivery Engineer

To: Lisa L. Myers, State Project Review Engineer

Subject: **REVISIONS TO PROGRAMMED COSTS**

PROJECT MANAGER Sue Anne Decker

MGMT LET DATE 3/15/2015

MGMT ROW DATE NA

PROGRAMMED COSTS (TPro W/OUT INFLATION)

LAST ESTIMATE UPDATE

CONSTRUCTION \$ 5,750,000.00

DATE NA

RIGHT OF WAY \$ NA

DATE NA

UTILITIES \$ NA

DATE NA

REVISED COST ESTIMATES

CONSTRUCTION* \$ 9,025,447.94

RIGHT OF WAY \$ NA

UTILITIES \$ NA

*Cost Contains 10 % Contingency

REASONS FOR COST INCREASE AND CONTINGENCY JUSTIFICATION:

These costs are based concept quantities. I used a 10% contingency because the risk for change to the cost estimate is moderate.

CONTINGENCY SUMMARY

A. CONSTRUCTION COST ESTIMATE:	\$	7,814,240.64	Base Estimate From CES	
B. ENGINEERING AND INSPECTION (E & I):	\$	390,712.03	Base Estimate (A) x	5 %
C. CONTINGENCY:	\$	820,495.27	Base Estimate (A) + E & I (B) x	10 %
			See % Table in "Risk Based Cost Estimation" Memo	
D. TOTAL LIQUID AC ADJUSTMENT:	\$	0.00	Total From Liquid AC Spreadsheet	
E. CONSTRUCTION TOTAL:	\$	9,025,447.94	(A + B + C + D = E)	

REIMBURSABLE UTILITY COSTS

UTILITY OWNER	REIMBURSABLE COST
NA	\$ -
TOTAL	\$ -

ATTACHMENTS:

Detailed Cost Estimate Printout From TRAQS
Liquid AC Adjustment Spreadsheet

PROJ. NO. NA
P.I. NO. 0013226
DATE 10/8/2014

CALL NO. NA 9/29/2009

INDEX (TYPE)	DATE	INDEX
REG. UNLEADED	Sep-14	\$ 3.335
DIESEL		\$ 3.761
LIQUID AC		\$ 601.00

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

LIQUID AC ADJUSTMENTS

$PA = \left(\frac{APM - APL}{APL} \right) \times TMT \times APL$

Asphalt

Price Adjustment (PA)				0	\$	-
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$	961.60		
Monthly Asphalt Cement Price month project let (APL)			\$	601.00		
Total Monthly Tonnage of asphalt cement (TMT)				0		

ASPHALT	Tons	%AC	AC ton
Leveling	0	5.0%	0
12.5 OGFC	0	5.0%	0
12.5 mm	0	5.0%	0
9.5 mm SP	0	5.0%	0
25 mm SP	0	5.0%	0
19 mm SP	0	5.0%	0
0	0		0

BITUMINOUS TACK COAT

Price Adjustment (PA)			\$	-	\$	-
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$	961.60		
Monthly Asphalt Cement Price month project let (APL)			\$	601.00		
Total Monthly Tonnage of asphalt cement (TMT)				0		

Bitum Tack

Gals	gals/ton	tons
0	232.8234	0

BITUMINOUS TACK COAT (surface treatment)

Price Adjustment (PA)				0	\$	-
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$	961.60		
Monthly Asphalt Cement Price month project let (APL)			\$	601.00		
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 \$ -

DETAILED COST ESTIMATE



Job: 0013226

JOB NUMBER 0013226

FED/STATE PROJECT NUMBER

SPEC YEAR: 01

DESCRIPTION: I-20 ITS

ITEMS FOR JOB 0013226

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0005	150-1000	1.000	LS	\$372,106.70000	TRAFFIC CONTROL - 0013226	\$372,106.70
0010	163-0240	24.000	TN	\$290.42428	MULCH	\$6,970.18
0015	163-0300	4.000	EA	\$1,224.97528	CONSTRUCTION EXIT	\$4,899.90
0020	165-0030	90000.000	LF	\$0.36104	MAINT OF TEMP SILT FENCE, TP C	\$32,493.60
0025	165-0101	4.000	EA	\$629.80093	MAINT OF CONST EXIT	\$2,519.20
0030	167-1000	6.000	EA	\$195.66680	WATER QUALITY MONITORING AND SAMPLING	\$1,174.00
0035	167-1500	12.000	MO	\$574.07803	WATER QUALITY INSPECTIONS	\$6,888.94
0040	171-0030	180000.000	LF	\$2.36874	TEMPORARY SILT FENCE, TYPE C	\$426,373.20
0045	210-0100	1.000	LS	\$63,000.00000	GRADING COMPLETE - 0013226	\$63,000.00
0095	631-2463	4.000	EA	\$100,000.00000	LED PIX CMS,WALKIN,3X21,18", TYP B	\$400,000.00
0099	631-8000	1.000	LS	\$2,000.00000	TESTING	\$2,000.00
0100	638-1001	1.000	LS	\$80,000.00000	STR SUPPORT OVHD SIGN,TP I,STA STA 137+87	\$80,000.00
0105	638-1001	1.000	LS	\$80,000.00000	STR SUPPORT OVHD SIGN,TP I,STA STA 165+83	\$80,000.00
0110	638-1001	1.000	LS	\$80,000.00000	STR SUPPORT OVHD SIGN,TP I,STA STA 546+41	\$80,000.00
0115	638-1001	1.000	LS	\$80,000.00000	STR SUPPORT OVHD SIGN,TP I,STA STA 932+78	\$80,000.00
0120	639-3014	2.000	EA	\$12,234.88478	STEEL STR POLE,TP 4,LUMIN ARM W/ 35 FT MAST ARM	\$24,469.77
0125	639-3014	2.000	EA	\$12,234.88478	STEEL STR POLE,TP 4,LUMIN ARM W/ 50 FT MAST ARM	\$24,469.77
0130	639-3014	1.000	EA	\$12,161.30165	STEEL STR POLE,TP 4,LUMIN ARM W/ 40 FT MAST ARM	\$12,161.30
0135	639-4004	70.000	EA	\$6,270.38577	STRAIN POLE, TP IV	\$438,927.00
0050	641-1100	21.000	LF	\$86.24014	GUARDRAIL, TP T	\$1,811.04
0055	641-1200	7200.000	LF	\$16.33838	GUARDRAIL, TP W	\$117,636.34
0060	641-5001	20.000	EA	\$797.01978	GUARDRAIL ANCHORAGE, TP 1	\$15,940.40
0065	641-5012	21.000	EA	\$1,988.53089	GUARDRAIL ANCHORAGE, TP 12	\$41,759.15
0070	643-8200	32000.000	LF	\$1.04275	BARRIER FENCE (ORANGE), 4 FT	\$33,368.00
0140	647-1000	1.000	LS	\$36,600.00000	TRAF SIGNAL INSTALLATION NO - NO 1	\$36,600.00
0145	647-1000	1.000	LS	\$41,200.00000	TRAF SIGNAL INSTALLATION NO - NO 2	\$41,200.00
0150	647-1000	1.000	LS	\$41,600.00000	TRAF SIGNAL INSTALLATION NO - NO 3	\$41,600.00
0155	647-1000	1.000	LS	\$41,900.00000	TRAF SIGNAL INSTALLATION NO - NO 4	\$41,900.00
0160	647-1000	1.000	LS	\$42,700.00000	TRAF SIGNAL INSTALLATION NO - NO 5	\$42,700.00
0165	647-1000	1.000	LS	\$36,400.00000	TRAF SIGNAL INSTALLATION NO - NO 6	\$36,400.00
0170	647-1000	1.000	LS	\$36,600.00000	TRAF SIGNAL INSTALLATION NO - NO 7	\$36,600.00
0175	647-1000	1.000	LS	\$44,000.00000	TRAF SIGNAL INSTALLATION NO - NO 8	\$44,000.00
0180	647-2141	107.000	EA	\$1,134.45538	PULL BOX, PB-4S	\$121,386.73
0185	647-2170	188.000	EA	\$1,538.40043	PULL BOX, PB-7	\$289,219.28
0195	653-1501	339.000	LF	\$0.95249	THERMO SOLID TRAF ST 5 IN, WHI	\$322.89
0190	653-1704	179.000	LF	\$5.90442	THERM SOLID TRAF STRIPE,24",WH	\$1,056.89
0200	653-3501	522.000	GLF	\$0.33357	THERMO SKIP TRAF ST, 5 IN, WHI	\$174.12
0204	681-5115	5.000	EA	\$750.00000	LUMIN BRACKET ARM, 15 FT ARM	\$3,750.00
0205	682-6222	797.000	LF	\$6.55676	CONDUIT, NONMETL, TP 2, 2 IN	\$5,225.74
0210	682-6233	332176.000	LF	\$5.00000	CONDUIT, NONMETL, TP 3, 2 IN	\$1,660,880.00
0215	682-6236	5000.000	LF	\$6.00000	CONDUIT, NONMETL, TP2-POWER SERVICE,2 IN	\$30,000.00

DETAILED COST ESTIMATE



Job: 0013226

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0220	682-6520	5580.000	LF	\$30.00000	CONDUIT, FIBERGLASS, 2 IN	\$167,400.00
0225	682-9028	81.000	EA	\$4,300.00000	ELECTRICAL COMM BOX, TP 5	\$348,300.00
0229	682-9029	2.000	EA	\$2,000.00000	ELECTRICAL COMMUNICATION BOX REHAB	\$4,000.00
0230	682-9950	435.000	LF	\$9.00000	DIRECTIONAL BORE - 3 INCH	\$3,915.00
0235	682-9950	32420.000	LF	\$13.00000	DIRECTIONAL BORE - 5 INCH	\$421,460.00
0075	700-6910	8.000	AC	\$680.73902	PERMANENT GRASSING	\$5,445.91
0080	700-7000	24.000	TN	\$83.61863	AGRICULTURAL LIME	\$2,006.85
0085	700-8000	15.000	TN	\$502.54288	FERTILIZER MIXED GRADE	\$7,538.14
0090	700-8100	1200.000	LB	\$1.74336	FERTILIZER NITROGEN CONTENT	\$2,092.03
0240	935-1118	191519.000	LF	\$2.15000	OUT PLNT FBR OPT CBL, LOOSE TB, SM, 144 FBR	\$411,765.85
0245	935-1511	2455.000	LF	\$2.05794	OUT PLNT FBR OPT CBL, DROP, SM, 6 FBR	\$5,052.24
0250	935-1512	7535.000	LF	\$1.62941	OUT PLNT FBR OPT CBL, DROP, SM, 12 FBR	\$12,277.60
0255	935-3108	104.000	EA	\$1,000.00000	FIBER OPTIC CLOSURE, UNDRGRD, 144 FIBER	\$104,000.00
0260	935-3602	8.000	EA	\$525.00000	FBR. OP. CLOS., FDC PRE-TERM., TYP. A, 6 WALL-MOUNT	\$4,200.00
0265	935-3603	85.000	EA	\$650.00000	FBR. OP. CLOS., FDC PRE-TERM., TYP. A, 12 WALL-MOUNT	\$55,250.00
0270	935-4010	3015.000	EA	\$39.79963	FIBER OPTIC SPLICE, FUSION	\$119,995.88
0275	936-1000	24.000	EA	\$5,500.00000	CCTV SYSTEM	\$132,000.00
0280	937-6000	59.000	EA	\$5,700.00000	MICROWAVE RADAR DETECTION ASSEMBLY	\$336,300.00
0285	937-6050	8.000	EA	\$5,483.77116	INT VIDEO DET SYS ASMBLY, TP A	\$43,870.17
0290	937-8020	1.000	LS	\$2,000.00000	TESTING - MICROWAVE DETECTION SYSTEM	\$2,000.00
0295	939-2300	92.000	EA	\$2,300.00000	FIELD SWITCH, TYPE A	\$211,600.00
0300	939-4040	81.000	EA	\$4,478.84976	TYPE D CABINET	\$362,786.83
0315	939-5010	59.000	EA	\$4,000.00000	ELEC PWR SVC ASSEMBLY, AERIAL SVC POINT	\$236,000.00
0305	939-8000	1.000	LS	\$5,000.00000	TESTING	\$5,000.00
0310	999-3600	14.000	EA	\$2,000.00000	TUBULAR EXTENSION	\$28,000.00
SUBTOTAL FOR :						\$7,814,240.64

TOTALS FOR JOB 0013226

ITEMS COST:	\$7,814,240.64
COST GROUP COST:	\$0.00
ESTIMATED COST:	\$7,814,240.64
CONTINGENCY PERCENT:	0.00
ENGINEERING AND INSPECTION:	0.00
ESTIMATED COST WITH CONTINGENCY AND E&I:	\$7,814,240.64

PTIP Meeting Minutes
September 10, 2014, 2:00 p.m.
P.I. No 00103226, Fulton, Cobb and Douglas Counties
I-20 West from SR 5 to SR 70 – Navigator ITS

Attendees:

See attached sign-in sheet

Minutes:

Sue Anne opened the meeting with a description of the project and limits. Introductions followed.

Sue Anne stated that Atkins had survey of most, if not all, of the project. However, it was about 10 years old. She inquired about the need for a consultant database check since the project would not purchase right-of-way and had a limited scope. She stated she would speak with Design Policy and Support about waiving the database check. Rich stated that a project on I-20 has already completed the database check and had been approved; P.I. No. 0001760. P.I. No. 0003165 also has survey on I-20, but it's old.

Ashlyn inquired if the database would have to be converted into InRoads. It is presently in CAiCE. Sue Anne agreed to get a waiver for this from Design Policy as well.

Andy stated that the quality of the survey should be 2D. He was more concerned about overhead utility conflicts. He stated that it should be ok to keep the database in CAiCE.

Jun stated that she has SUE data in the project limits that could be provided. It was completed in 2004 to 2006.

Ashlyn stated that the fiber would be run in the grass shoulder on both side of I-20 and that bridge attachments would be needed at crossings.

Eric stated that it sounded like a JCP could be completed for Ecology and that most of the special studies could be written off as "no potential to cause effect". PM 25 would have to be completed. However, he will be a complete project description, including guardrail placement, CMS sign placement, pole placement, and a location for the HUB. Ashlyn and Sue Anne will provide an ISSR to OES. Ashlyn stated that her team had scoped a PCE for the project based on the amount of work needed, including a Phase 1 Archeology report and an aquatic survey. Eric stated that we could request a waiver for the additional 100 foot outside the project limits survey for Archeology given the project's scope. This would reduce the footprint for Archeology.

Paul asked if the project proposed a HUB station on the western most project limits. It was agreed that the project should include a HUB. Ashlyn stated that the project would also include 13 ramp meters.

Several projects in the area include the weigh stations, Lee Rd Interchange, I-285 @ I-20. Sue Anne and Ashlyn will coordinate with these projects to avoid conflicts.

Sue Anne reviewed the activity spreadsheet from Procurement with the team. She also asked the team to contact her if they did not receive it.

Action Items:

- Complete ISSR and send to OES
- Obtain waivers for database conversion to InRoads, consultant database check and additional 100 foot survey for Archeology
- Obtain database information for P.I. No 0001760 and 0003165
- Obtain SUE information
- Coordinate with Donna Lee on the weigh station project

Attachments:

- Sign-in sheet
- PTIP Request information

0013224 Cobb
PTIP

Name	Agency	Non-DOT email
Sue Anne DeCar	GDOT-OPD	
MATT GLASSER	GDOT-ITS	
Dave Peters	GDOT-DRFS	
Marisha Peña	GDOT-ITS	
Carla Benton-Hodg	GDOT-OES	
Eric Duff	GDOT-OES	
Andy Casey	GDOT-Resurf	
Rich Cobb	GDOT SURVEIL	
Yulonda Pride-Foster	GDOT UTILITIES	
JUN BIZANKAMBER	GDOT-Track Ops	
Paul Denard	ATKINS	Ashlyn.morgan@atkinsglobal.com
Ashlyn Morgan	GDOT-REW	
Katrina Anderson	GDOT-P3/Proj. Rel	
Joe Carpenter		