

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

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

FILE P.I. #0006889 **OFFICE** Design Policy & Support
CSSTP-0006-00(889)
DeKalb County **DATE** August 24, 2010
Lithonia Industrial Blvd. from I-20 to Evans
Mill Rd. - Phase III

FROM  for Brent Story, State Design Policy Engineer

TO SEE DISTRIBUTION

SUBJECT APPROVED LOCATION & DESIGN REPORT

Attached is the approved Location and Design Report with Notice of Location & Design Approval for the above subject project.

Attachment

DISTRIBUTION:

Genetha Rice-Singleton, Program Control Administrator
Ron Wishon, State Project Review Engineer
Glenn Bowman, State Environmental Administrator
Kathy Zahul, State Traffic Engineer
Angela Alexander, State Transportation Planning Administrator
Angela Robinson, Financial Management Administrator
Bryant Poole, District 7 Engineer
Mike Lobdell, Project Manager / District 7 Preconstruction Engineer
Mac Cranford, District 7 Planning & Programming Engineer
Thomas Parker, Area Engineer (D7A1)
BOARD MEMBER - 4th Congressional District

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE

FILE: CSSTP-0006-00(889), DeKalb County **OFFICE:** District Seven, Chamblee
P.I. No. 0006889
Lithonia Industrial Blvd Extension - Phase III **DATE:** August 11, 2010


FROM: Bryant Poole, P.E., District Engineer

TO: Brent Story, P.E., State Design Policy Engineer

SUBJECT: Request for Location and Design Approval

Description and Project Proposal: The proposed project is a new location roadway between Evans Mill Road at its intersection with Rock Springs Road and existing Lithonia Industrial Boulevard at its intersection with Interstate 20 Eastbound Ramps. The proposed connector will be a 4 lane urban road with a 20 foot raised median. The total project length is 1.10 miles and is located in DeKalb County. Sidewalk is proposed on both sides of the Lithonia Industrial Boulevard Extension and the portion of Woodrow Road that is being relocated. The width of the sidewalk will be 5' except for the section on the west side of Lithonia Industrial Boulevard Extension between Rock Springs Road and Woodrow Road. This portion will be 10' in width. Curb and gutter will be constructed for the entire project length and drainage structures placed where needed. Evans Mill Road will tie into the proposed Lithonia Industrial Boulevard 600 feet north of Rock Springs Road.

A typical cross section for both mainline and crossroad consist of four 12' lanes, 20' raised landscaped median, and variable 5' to 10' sidewalks with a 2' grassed strip.

Concept Approval Date: September 1, 2006

Revised Concept Approval Date: December 17, 2007

Concept Update: No changes have been made since the approval of the revised Concept Report.

Environmental Document Type, Approval Date & and Reevaluations:

Final Environmental Assessment / FONSI approved October 28, 2009

Public Involvement:

- Public Hearing Open House Results:
 - Held December 11, 2008 at Abundant Life Church located at 6440 Rock Springs Road, Lithonia, Georgia

- 37 attendees
- 16 comments received
 - 5 supporting
 - 2 conditional
 - 5 opposing
 - 1 no opinion
 - 3 commented twice
- Summary of comments:
 - Concerns that there is no evidence that a representative sampling of local residents have asked for this project to be built.
 - Concerns that this project is a use of state taxpayer money being used for a special interest group, the New Birth Missionary Baptist (NBMB) Church. This church was built against county code and should not even be allowed to be open much less receive special treatment. They can connect to Panola Road at the rear of their property to access I-20.
 - While this project will serve the needs of the community for the next several years, the impact of construction projects proposed for south Evans Mill Road needs to be evaluated.
 - This project will damage existing business and further deplete property values of homes in the area.
 - The pollution from idling cars, trucks, and buses is damaging not only to humans but the plants and wildlife in this rural area.
 - Traffic congestion associated with the NBMB Church prevents access to other area destinations.
 - There are other road projects that are needed to a greater extent than the proposed project, such as improvements to Lithonia-Stone Mountain Road and a traffic light at Redan Road/Stone Mountain-Lithonia Road.
- Public Information Open House Results:
 - Held September 19, 2006 at Abundant Life Church located at 6440 Rock Springs Road, Lithonia, Georgia
 - 28 attendees
 - 32 comments received
 - 4 supporting
 - 9 conditional
 - 18 opposing
 - 1 no opinion

- Of the comments received, there were concerns about increased travel distances and changes in access to community facilities (such as Stonecrest Mall and the YMCA Lithonia Academy), surrounding neighborhoods, downtown Lithonia, and I-20 as a result of the project; concerns that the project would only benefit New Birth Missionary Baptist Church and requests that the option of either dead-ending Woodrow Road or extending Lithonia Industrial Boulevard only to Woodrow Road to keep traffic associated with the church off Evans Mill Road be investigated instead of the project as proposed; concerns about how the land along the proposed Lithonia Industrial Boulevard extension would be zoned for future developments and questions about the 20-year projection for the area; requests that improvements to Rock Springs Road be made; concerns that there will be higher traffic volumes on the proposed Lithonia Industrial Boulevard extension than would occur on Evans Mill Road if the project were not constructed; and concerns about increased response times for emergency response personnel as a result of the proposed cul-de-sac on Evans Mill Road. In addition, many people were not supportive of the proposed cul-de-sac on Evans Mill Road, and one suggested constructing a roundabout at the Evans Mill Road/Rock Springs Road/proposed Lithonia Industrial Boulevard extension intersection to eliminate the need for a cul-de-sac.
- As a result of the meeting, Evans Mill Road was revised to tie into the proposed Lithonia Industrial Blvd 660' north of Rock Springs Road, resulting in a new T-intersection.

Consistency with Approved Planning:

The design description as presented herein and submitted for approval is consistent with the approved Concept Report.

Recommendations: Recommend that the location and design for the project be approved and that the attached Notice be approved for advertising.

RECOMMEND: 
Director of Engineering

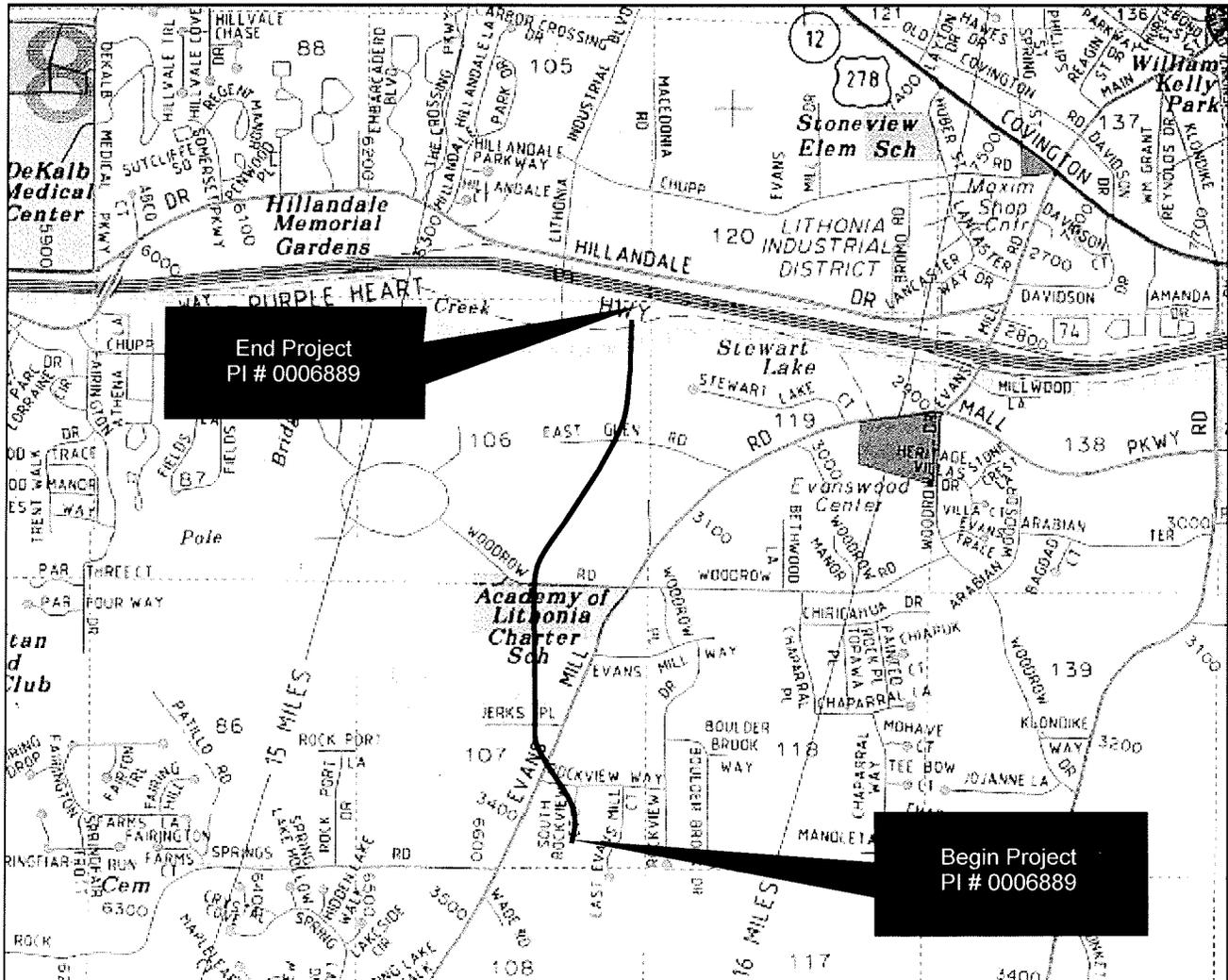
CONCUR:  8/19/2010
Chief Engineer Date

APPROVAL: AUGUST 24, 2010
Date of Location and Design Approval

Attachments:

- Sketch Map
- Cost Estimate
- Notice of Location and Design Approval

Sketch Map



End Project
PI # 0006889

Begin Project
PI # 0006889

PRELIMINARY COST ESTIMATE

Project: LITHONIA INDUSTRIAL BLVD. EXTENSION - PHASE III
 Project No.: CSSTP-0006-00(889)
 County: Dekalb


 Prepared by:
 Last Modified: January 11, 2010

ITEM NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	COST
ROADWAY ITEMS					
150-1000	TRAFFIC CONTROL - CSSTP-0006-00(889)	LS	LUMP	\$150,000.00	\$150,000.00
153-1300	FIELD ENGINEERS OFFICE TP3	EA	1	\$75,000.00	\$75,000.00
201-1500	CLEARING & GRUBBING - CSSTP-0006-00(889)	LS	LUMP	\$200,000.00	\$200,000.00
205-0001	UNCLASS EXCAV	CY	99000	\$3.00	\$297,000.00
206-0002	BORROW EXCAV, INCL MATL	CY	70400	\$4.00	\$281,600.00
310-5060	GR AGGR BASE CRS, 6 INCH, INCLUDE MATL	SY	5837	\$14.00	\$81,718.00
310-5080	GR AGGR BASE CRS, 8 INCH, INCLUDE MATL	SY	1400	\$16.00	\$22,400.00
310-5120	GR AGGR BASE CRS, 12 INCH, INCLUDE MATL	SY	50000	\$23.00	\$1,150,000.00
400-3130	ASPH CONC 12.5mm SUPERPAVE, GP1 OR 2, INCL POLYMER-MODIFIED BITUM MATL & H LIME	TN	42	\$90.00	\$3,780.00
402-1812	REC ASPH CONC LEVELING, INCL BITUM MATL & H LIME	TN	3400	\$90.00	\$306,000.00
402-3121	REC ASPH CONC 25mm SUPERPAVE, GP1 OR 2, INCLUDE BITUM & H LIME	TN	13400	\$90.00	\$1,206,000.00
402-3190	REC ASPH CONC 19mm SUPERPAVE, GP1 OR 2, INCLUDE BITUM MATL & H-LIM	TN	9698	\$90.00	\$872,820.00
402-4510	REC ASPH CONC 12.5mm SUPERPAVE, GP2 ONLY, INCLUDE BITUM & H LIME	TN	5120	\$90.00	\$460,800.00
413-1000	BITUM TACK COAT	GL	7108	\$2.00	\$14,216.00
441-0014	DRIVEWAY CONCRETE, 4 IN TK	SY	320	\$42.00	\$13,440.00
441-0016	DRIVEWAY CONCRETE, 6 IN TK	SY	75	\$42.00	\$3,150.00
441-0104	CONC SIDEWALK, 4 IN	SY	10337	\$27.00	\$279,099.00
441-0748	CONCRETE MEDIAN, 6 IN	SY	11634	\$38.00	\$442,092.00
441-4020	CONC VALLEY GUTTER, 6 IN	SY	460	\$42.00	\$19,320.00
441-4030	CONC VALLEY GUTTER, 8 IN	SY	470	\$42.00	\$19,740.00
441-5002	CONCRETE HEADER CURB, 6 IN, TP2	LF	95	\$23.00	\$2,185.00
441-6222	CONC CURB & GUTTER, 8" X30", TYPE 2	LF	18084	\$14.00	\$253,176.00
550-1180	STORM DRAIN PIPE, 18 IN., H 1-10	LF	5900	\$33.00	\$194,700.00
550-1181	STORM DRAIN PIPE, 18 IN., H 10-15	LF	84	\$54.00	\$4,536.00
550-1240	STORM DRAIN PIPE, 24 IN., H 1-10	LF	1700	\$40.00	\$68,000.00
550-1241	STORM DRAIN PIPE, 24 IN., H 10-15	LF	560	\$46.00	\$25,760.00
550-1242	STORM DRAIN PIPE, 24 IN., H 15-20	LF	51	\$46.00	\$2,346.00
550-1300	STORM DRAIN PIPE, 30 IN., H 1-10	LF	80	\$46.00	\$3,680.00
550-1360	STORM DRAIN PIPE, 36 IN., H 1-10	LF	150	\$60.00	\$9,000.00
550-1363	STORM DRAIN PIPE, 36 IN., H 20-25	LF	160	\$88.00	\$14,080.00
550-1420	STORM DRAIN PIPE, 42 IN., H 1-10	LF	44	\$78.00	\$3,432.00
550-4218	FLARED END SECTION 18 IN, STORM DRAIN	EA	3	\$467.00	\$1,401.00
550-4224	FLARED END SECTION 24 IN, STORM DRAIN	EA	6	\$600.00	\$3,600.00
550-4230	FLARED END SECTION 30 IN, STORM DRAIN	EA	1	\$693.00	\$693.00
550-4236	FLARED END SECTION 36 IN, STORM DRAIN	EA	4	\$1,002.00	\$4,008.00
550-4418	FLARED END SECTION, 18 IN, SLOPE DRAIN	EA	2	\$264.00	\$528.00
576-1018	SLOPE DRAIN PIPE, 18 IN	LF	42	\$30.00	\$1,260.00
603-2024	STN DUMPED RIP RAP, TP1, 24 IN	SY	280	\$44.00	\$12,320.00
603-7000	PLASTIC FILTER FABRIC	SY	280	\$4.00	\$1,120.00
611-3000	RECONSTR CATCH BASIN, GP1	EA	5	\$2,000.00	\$10,000.00
611-3010	RECONSTR DROP INLET, GP1	EA	3	\$2,615.00	\$7,845.00
611-3030	RECONSTR STORM SEW MANHOLE, TP1	EA	2	\$970.00	\$1,940.00
620-0100	TEMPORARY BARRIER, METHOD NO. 1	LF	630	\$26.00	\$16,380.00
634-1200	RIGHT OF WAY MARKER	EA	137	\$84.00	\$11,508.00
635-1000	BARRICADES	LF	500	\$84.00	\$42,000.00
641-1200	GUARDRAIL, TP W	LF	6460	\$17.00	\$109,820.00
641-5001	GUARDRAIL ANCHORAGE, TP 1	EA	11	\$680.00	\$7,480.00
641-5012	GUARDRAIL ANCHORAGE, TP 12	EA	11	\$1,717.00	\$18,887.00
668-1100	CATCH BASIN, GP 1	EA	67	\$2,210.00	\$148,070.00
668-1110	CATCH BASIN, GP1, ADDL DEPTH	LF	77	\$144.00	\$11,088.00
668-2100	DROP INLET, GP 1	EA	12	\$2,018.00	\$24,216.00
668-2110	DROP INLET, GP 1, ADDL DEPTH	LF	20	\$158.00	\$3,160.00
668-4300	STORM SEWER MANHOLE, TP1	EA	5	\$1,995.00	\$9,975.00
668-4311	STORM SEWER MANHOLE, TP1, ADDL DEPTH, CL1	LF	16	\$147.00	\$2,352.00
EROSION CONTROL					
163-0232	TEMPORARY GRASSING	AC	6	\$231.00	\$1,386.00
163-0240	MULCH	TN	278	\$180.00	\$50,040.00
163-0300	CONSTRUCTION EXIT	EA	8	\$1,123.00	\$8,984.00

163-0503	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP3	EA	7	\$425.00	\$2,975.00
163-0522	CONSTRUCT AND REMOVE TEMPORARY DITCH CHECKS	EA	14	\$44.00	\$616.00
163-0550	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	EA	110	\$168.00	\$18,480.00
165-0010	MAINTENANCE OF SILT FENCE, TP A	LF	4358	\$1.00	\$4,357.50
165-0030	MAINTENANCE OF SILT FENCE, TP C	LF	2363	\$1.00	\$2,362.50
165-0040	MAINTENANCE OF EROSION CONTROL CHECKDAMS/DITCH CHECKS	EA	14	\$46.00	\$644.00
165-0087	MAINTENANCE OF SILT CONTROL GATE, TP3	EA	7	\$134.00	\$938.00
165-0101	MAINTENANCE OF CONSTRUCTION EXIST	EA	8	\$510.00	\$4,080.00
165-0105	MAINTENANCE OF INLET SEDIMENT TRAP	EA	110	\$66.00	\$7,260.00
167-1000	WATER QUALITY MONITORING AND SAMPLING	EA	3	\$486.00	\$1,458.00
167-1500	WATER QUALITY INSPECTONS	MO	24	\$503.00	\$12,072.00
171-0010	TEMPORARY SILT FENCE, TP A	LF	8715	\$1.50	\$13,072.50
171-0030	TEMPORARY SILT FENCE, TP C	LF	4725	\$3.00	\$14,175.00
700-6910	PERMANENT GRASSING	AC	11	\$582.00	\$6,402.00
700-7000	AGRICULTURAL LIME	TN	38	\$58.00	\$2,204.00
700-7010	LIQUID LIME	GL	32	\$20.00	\$640.00
700-8000	FERTILIZER MIXED GRADE	TN	13	\$380.00	\$4,940.00
700-8100	FERTILIZER NITROGEN CONTENT	LB	630	\$3.00	\$1,890.00
716-2000	EROSION CONTROL MATS, SLOPES	SY	25200	\$1.00	\$25,200.00
SIGNING AND MARKING / SIGNAL ITEMS					
615-1200	DIRECTIONAL BORE	LF	1130	\$10.00	\$11,300.00
636-1020	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	SF	159	\$16.00	\$2,544.32
636-1029	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 3	SF	10	\$15.00	\$150.00
636-1033	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	SF	224	\$19.00	\$4,253.91
636-1041	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 9	SF	155	\$38.00	\$5,871.00
636-2070	GALV STEEL POSTS, TP 7	LF	999	\$9.00	\$8,991.00
639-3004	STEEL STRAIN POLE, TP IV, WITH 35' MAST ARM	EA	1	\$15,000.00	\$15,000.00
639-3004	STEEL STRAIN POLE, TP IV, WITH 65' MAST ARM	EA	1	\$16,200.70	\$16,200.70
639-3004	STEEL STRAIN POLE, TP IV, WITH 55' MAST ARM	EA	1	\$15,200.70	\$15,200.70
639-3014	STEEL STRAIN POLE, TP IV, INCL LUMINAIRE ARM WITH 60' & 35' MAST ARM	EA	1	\$20,434.27	\$20,434.27
639-3014	STEEL STRAIN POLE, TP IV, INCL LUMINAIRE ARM WITH 45' MAST ARM	EA	1	\$15,200.70	\$15,200.70
639-3014	STEEL STRAIN POLE, TP IV, INCL LUMINAIRE ARM WITH 55' MAST ARM	EA	1	\$15,200.70	\$15,200.70
639-3014	STEEL STRAIN POLE, TP IV, INCL LUMINAIRE ARM WITH 50' MAST ARM	EA	1	\$14,700.70	\$14,700.70
639-4004	STRAIN POLE, TP IV	EA	1	\$8,246.82	\$8,246.82
639-4014	STRAIN POLE, TP IV, INCL LUMINAIRE ARM	EA	1	\$8,246.82	\$8,246.82
647-1000	TRAFFIC SIGNAL INSTALLATION NO-1	LS	1	\$56,491.00	\$56,491.00
647-1000	TRAFFIC SIGNAL INSTALLATION NO-2	LS	1	\$60,682.00	\$60,682.00
647-1000	TRAFFIC SIGNAL INSTALLATION NO-3	LS	1	\$41,228.00	\$41,228.00
647-2140	PULL BOX, PB-6	EA	18	\$1,508.79	\$27,158.22
647-2150	PULL BOX, PB-7	EA	3	\$1,798.99	\$5,396.97
653-0120	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	EA	53	\$70.00	\$3,710.00
653-0210	THERMOPLASTIC PVMT MARKING, WORD, TP 1	EA	4	\$106.00	\$424.00
653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	LF	23,320	\$0.83	\$19,355.60
653-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	LF	16,750	\$0.67	\$11,222.50
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	LF	450	\$5.21	\$2,344.50
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	LF	6,060	\$2.15	\$13,029.00
653-3501	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	GLF	19,160	\$0.83	\$15,902.80
653-3502	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, YELLO	GLF	1,000	\$0.43	\$430.00
653-6004	THERMOPLASTIC TRAF STRIPING, WHITE	SY	210	\$3.68	\$772.80
653-6006	THERMOPLASTIC TRAF STRIPING, YELLOW	SY	270	\$3.54	\$955.80
654-1001	RAISED PVMT MARKERS TP 1	EA	57	\$4.47	\$254.79
654-1003	RAISED PVMT MARKERS TP 3	EA	422	\$4.69	\$1,979.18
682-6233	CONDUIT, NONMETAL, TP3, 2 IN	LF	13810	\$7.34	\$101,365.40
682-9010	SVC POLE RISER	EA	1	\$2,100.00	\$2,100.00
935-1511	OUTSIDE PLANT FIBER OPTIC CABLE, DROP, SINGLE MODE, 72 FIBER	LF	6100	\$3.89	\$23,729.00
935-1511	OSP FIBER OPTIC CABLE, DROP, SM, 6 FIBER	LF	150	\$3.89	\$583.50
935-3101	FIBER OPTIC CLOSURE, UNDERGROUND, 6 FIBER	EA	3	\$587.16	\$1,761.48
935-3103	FIBER OPTIC CLOSURE, UNDERGROUND, 24 FIBER	EA	1	\$664.12	\$664.12
935-4010	FIBER OPTIC SPLICE, FUSION	EA	36	\$79.28	\$2,854.08
935-5050	FIBER OPTIC PATCH CORD, SM	EA	12	\$106.33	\$1,275.96
935-8000	TESTING	LUMP	LUMP	\$4,815.66	\$4,815.66
938-1100	INTERSECTION VIDEO DETECTION SYSTEM ASSEMBLY, TYPE A	EA	11	\$6,294.25	\$69,236.75
938-1200	PROGRAMMING MONITOR, TYPE A	EA	1	\$580.51	\$580.51
938-1210	OUTPUT EXPANSION MODULE, TYPE A	EA	3	\$407.03	\$1,221.09
939-2305	FIELD SWITCH, TYPE C	EA	3	\$2,825.05	\$8,475.15

Subtotal Construction Cost \$7,754,439.00
E&C Rate 5% \$ 387,721.95
Total Construction Cost \$ 8,142,160.95

NOTICE OF LOCATION AND DESIGN APPROVAL

STP-0006-00(89) DEKALB COUNTY

P. I. No. 0006889

Notice is hereby given in compliance with Georgia Code 22-2-109 and 32-3-5 that the Georgia Department of Transportation has approved the Location and Design of this project.

The date of location approval: AUGUST 24, 2010

This project is a new location roadway which extends Lithonia Industrial Boulevard from the Interstate 20 Eastbound On-Ramp to the intersection of Evan Mill Road and Rock Springs Road. The project lies entirely within DeKalb County, Land District 16, and Land Lots 105, 106, 107, and 108.

The design proposed for this project will consist of four 12' lanes with a raised grass median, all new location. The width of the sidewalk will be 5' except for the section on the west side of Lithonia Industrial Boulevard Extension between Rock Springs Road and Woodrow Road. This portion will be 10' in width.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

**Thomas Parker, Area Engineer
Georgia Department of Transportation
District 7, DeKalb Area Office
805 George Luther Dr
Decatur, GA 30032
E-mail: thomas.parker@dot.state.ga.us
Phone: (404) 299-4386**

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

**Mike Lobdell, P.E., District Preconstruction Engineer
Georgia Department of Transportation
District 7
5025 New Peachtree Rd
Chamblee, GA 30341
E-mail: mike.lobdell@dot.state.ga.us
Phone: (770) 463-4947**

Any written request or communication in reference to this project or notice SHOULD include the Project and P. I. Numbers as noted at the top of this notice.