ORIGINAL TO GENERAL FILES

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

OFFICE OF DESIGN POLICY & SUPPORT
INTERDEPARTMENTAL CORRESPONDENCE

FILE P.I. # 0010323
DeKalb County
GDOT District 7 - Metro Atlanta
SR 260 @ SR 42/US 23 - LCI

OFFICE Design Policy & Support

DATE June 21, 2016

FROM for Brent Story, State Design Policy Engineer

TO SEE DISTRIBUTION

SUBJECT **APPROVED REVISED CONCEPT REPORT**

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

Attachment

DISTRIBUTION:

Hiral Patel, Director of Engineering
Joe Carpenter, Director of P3/Program Delivery
Genetha Rice-Singleton, Assistant Director of P3/Program Delivery
Albert Shelby, State Program Delivery Engineer
Darryl VanMeter, State Innovative Delivery Engineer
Bobby Hilliard, Program Control Administrator
Cindy VanDyke, State Transportation Planning Administrator
Eric Duff, State Environmental Administrator
Bill DuVall, State Bridge Engineer
Andrew Heath, State Traffic Engineer
Angela Robinson, Financial Management Administrator
Lisa Myers, State Project Review Engineer
Charles "Chuck" Hasty, State Materials Engineer
Lee Upkins, State Utilities Engineer
Richard Cobb, Statewide Location Bureau Chief
Kathy Zahul, District Engineer
Scott Lee, District Preconstruction Engineer
Nicholas Fields, District Utilities Engineer
Oluchukwu Anyaebosi, Project Manager
BOARD MEMBER - 5th Congressional District

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
REVISED PROJECT CONCEPT REPORT

Project Type: Reconstruction/ Rehabilitation
P.I. Number: 0010323
GDOT District: 7
County: Dekalb/Fulton
Federal Route Number: 23
State Route Number: 260/42
Project Number: N/A

The SR 260/Glenwood Avenue typical section was revised to include bicycle lanes as opposed to shared use lanes. The typical section revision was achieved by reducing the shoulder width so the project footprint would not be changed. This revision was made because of an overwhelming response from the community about the growing bicycle traffic in the project area, access to the Atlanta Beltline multi-use trail west of the intersection, and the ~~safety concerns of bicycle traffic crossing US 23/SR 42/Moreland Ave.~~ need to reduce the risk of crash frequency and severity involving bicycle traffic crossing US 23/SR 42/ Moreland Avenue. (KLP)

Submitted for approval:

Beyondsites Technology, Inc./Atlanta Services Group Joint Venture — Date 4/26/2016

City of Atlanta Department of Public Works — Date 4/26/2016

State Program Delivery Engineer — Date 5-2-16

GDOT Project Manager — KWN/ PBE — Date 4/27/2016

* Recommendation of File

Recommendation for approval:

* Eric Duff /KLP — State Environmental Administrator — Date 5-5-2016

* Christopher Raymond /KLP — State Traffic Engineer — Date 5-10-2016

FOR

X 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).

State Transportation Planning Administrator — Date 5-9-16

PLANNING, APPROVED CONCEPT, AND BACKGROUND

Project Justification Statement:
The Moreland Avenue at Glenwood Avenue Intersection Improvements project in the City of Atlanta, Dekalb & Fulton Counties, Georgia is included in the Livable Centers Initiative (LCI) Pre-Qualified List of Transportation Projects which encourages local jurisdictions to plan and implement strategies that link transportation improvements with land use development strategies to create sustainable, livable communities consistent with regional development policies.

In March of 2008, the City of Atlanta Bureau of Planning developed the South Moreland Avenue Livable Centers Initiative Program (LCI) Study. Among the list of the plan's priorities was improving the efficiency and reducing the crash frequency and seveirty of multi-modal facilities, and promoting a pedestrian friendly urban environment for the South Moreland Avenue Corridor. The proposed Moreland Avenue at Glenwood Avenue Intersection Improvement ,(PI 0010323) located in the City of Atlanta; DeKalb & Fulton Counties ,was included among the pre-qualified list of transportation improvements recommended by the plan to meet these priorities. The proposed improvements were also later adopted into the 2008 Connect Atlanta Plan Comprehensive Transportation Plan (CTP).

The study specifically identifies the need to reduce the number of occurrences of motor vehicle accidents at Glenwood and Moreland Avenue. The current configuration of the intersection at Glenwood and Moreland is offset by approximately seventy feet between its east and west movements. Vehicles currently have to make two consecutive turn movements in order to cross Moreland Avenue from Glenwood Avenue. In 2007, this intersection experienced 139 accidents with 41 injuries – a large percentage of the accidents were angle accidents.

Other recommended improvements within the corridor included multimodal mobility/efficiency, visual aesthetics and improved traffic signal operations. The current Glenwood and Moreland Avenue intersection is near several residential communities, as well as retail establishments and restaurants. Neighborhoods along Moreland Avenue are well connected by local streets and have a small block pattern with neighborhood retail stores and a pedestrian oriented street atmosphere. As a result of the project's location and surrounding land uses, the South Moreland Avenue LCI Study noted that Moreland Avenue would benefit from a series of pedestrian crossings (signalized and unsignalized) throughout the Corridor to create safer and more regular pedestrian crossings and where feasible landscaped islands that prompt traffic calming and pedestrian refuge.

Therefore, in support of the plan's recommendations, the existing intersection at Moreland and Glenwood Avenue will be realigned to reduce crash frequency and severity. Additional supportive improvements will include traffic signal upgrades, and the provision of sidewalks, pedestrian crossings, and streetscapes. In addition, bicycle lanes will be provided along Glenwood Road from west of Moreland Ave (Fulton County) to the East Atlanta Village area, east of Moreland Ave. (DeKalb County). The shared use lanes will tie into existing bicycle lanes that currently terminate east of Moreland Ave. The shared use lanes are proposed because of right of way restrictions and existing lane widths.

Existing conditions: The current configuration of the intersection at Glenwood and Moreland is offset by approximately seventy feet between its east and west movements along Glenwood Avenue. Vehicles currently have to make two consecutive turn movements in order to cross Moreland Avenue from Glenwood Avenue. Glenwood Avenue has two 11 foot lanes with a 10 foot turn lane along the west leg and one 12 foot lane – westbound and one 20 foot lane – eastbound along the east leg. There is currently no center turn along the east leg of Glenwood Avenue. Each leg of the intersection has 5 foot sidewalks.

Description of the <u>approved</u> concept: SR 260/Glenwood Avenue will be realigned to the south in order to eliminate the approximate seventy foot offset that currently exists as it crosses US 23/SR 42/Moreland Avenue and will accommodate a twelve foot shared use lane for bicycle connectivity. Glenwood Avenue will also be restriped to accommodate a 10 foot left turn lane on the eastern (westbound movement) leg of the intersection and will maintain the existing 30 mph design speed. SR42/Moreland Avenue will maintain its current laneage and will be overlaid and re-striped to match the existing conditions. The approximate length of

the realignment is 750 feet. This intersection is located within the City of Atlanta and Dekalb and Fulton Counties.

Federal Oversight: ☐ PoDI X Exempt ☐ State Funded ☐ Other

Projected Traffic as shown in the approved Concept Report: ADT 24 HR T: 8.5 %

SR 260/Glenwood Road
Open Year (2016): 6,600 Design Year (2036): 8,900
US 23/SR 42/Moreland Avenue
Open Year (2016): 25,400 Design Year (2036): 34,500

Functional Classification:
Urban Minor Arterial Street – SR 260/Glenwood Ave. (Dekalb); SR 42/Moreland Ave.
Urban Collector Street – Glenwood Ave. (Fulton)

Complete Streets - Bicycle, Pedestrian, and/or Transit Standard Warrants:
Warrants met: ☐ None X Bicycle X Pedestrian X Transit

VE Study anticipated: XNo ☐ Yes ☐ Completed – Date:

Roundabouts: A roundabout was eliminated during the scoping stage of this project due to high traffic volumes along SR 42/Moreland Avenue and a high truck percentage.

PROPOSED REVISIONS

Approved Features:	**Proposed Features:**

SR 260/Glenwood Avenue will be realigned to the south in order to eliminate the approximate seventy foot offset that currently exists as it crosses US 23/SR 42/Moreland Avenue and will accommodate:
• a twelve foot shared use lane for bicycle connectivity.
• addition of a 10 foot left turn lane on the eastern (westbound movement) leg of the intersection
• will maintain the existing 30 mph design speed.
• the approximate length of the realignment is 750 feet.
 	
This intersection is located within the City of Atlanta and Dekalb and Fulton Counties.
	The typical section for SR 260/Glenwood Avenue will be revised to accommodate:
	• two 4-ft bicycle lanes
	• one 10-ft left turn lane
	• two 11-ft through lanes
	
	The additional width for 4-ft bicycle lanes along Glenwood Ave. was achieved by making the following revisions:
	• Glenwood Ave. (west of SR 42/Moreland Ave.)
	  ○ Sidewalks reduced from 10-ft to 8-ft sidewalks
	  ○ Left turn lane reduced from 12-ft to 10-ft
	• SR 260/Glenwood Ave. (east of SR 42/Moreland Ave.)
	  ○ North side – 7-ft sidewalk reduced to 5-ft; 4-ft tree planting zone replaced with 2-ft buffer area
	  ○ South side – 4-ft tree planting zone and 5-ft sidewalk replaced with 7-ft sidewalk

Reason(s) for change: The SR 260/Glenwood Ave. typical section is being revised to add bicycle lanes because of an overwhelming response from the community about bicycle accessibility to the Atlanta Beltline multi-use trail system west of the intersection and concerns of possible accidents involving bicycle traffic crossing US 23/SR 42/Moreland Ave. The typical section revision was achieved by reducing the shoulder width so the project footprint would not be changed.	

Design Variances and/or Exceptions needed: A design variance is required for "Lateral Offset to Obstruction" for existing utility pole locations. A design variance is required for "Width of the Border Area".

ENVIRONMENTAL AND PERMITS

Potential environmental impacts of proposed revision: None

Have proposed revisions been reviewed by environmental staff? ☐ No X Yes

Environmental responsibilities (Studies/Documents/Permits): Edwards-Pitman Environmental, Inc.

Air Quality:

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

This project is exempt from the conforming plan. The project's type is "Roadway/Operations & Safety", which is exempt under "40 CFR 93.126 - Exempt projects."

This project is in the The FY 2012-2017 Transportation Improvement Program. The FY 2012-2017 TIP is the $7.6 billion TIP for the Atlanta region under the PLAN 2040 Regional Transportation Plan. Adoption by the ARC Board of the FY 2012-2017 TIP occurred on July 27, 2011 with GRTA Board approval on August 18th, 2011. ARC received a conformity determination from the US DOT on September 6th, 2011.

Environmental Comments and Information: N/A

PROJECT COST AND ADDITIONAL INFORMATION

Item	Estimated Cost	Date of Estimate	Funded By
Base Construction Cost:	$1,588,025	4/26/2016	
Engineering and Inspection:	$ 158,803	4/26/2016	
Contingencies:	$ 87,341	4/26/2016	
Liquid AC Adjustment:	$ 13,161	4/26/2016	
Total Construction Cost:	$1,847,330		Local/Federal
Right-of-Way:	$1,930,000	8/10/2015	Local
Utilities (reimbursable costs):	$ 663,811	9/17/2015	Local
Environmental Mitigation:	N/A		
TOTAL PROJECT COST:	**$4,441,141**		

Recommendation: Recommend that the proposed revision to the concept be approved for implementation.

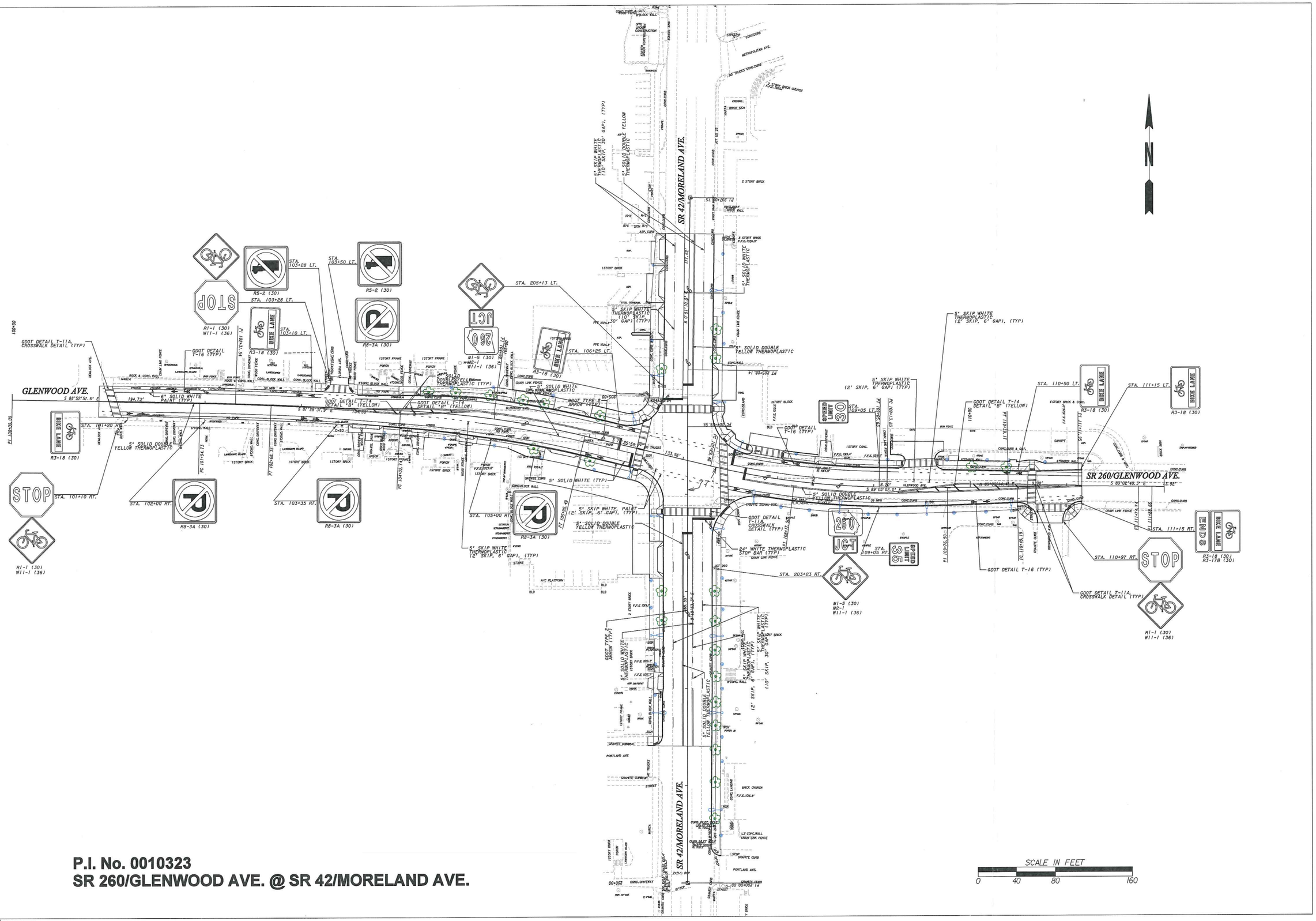
Comments: *N/A*

Attachments:
1. Sketch map
2. Typical Section
3. Cost Estimates
4. Traffic Diagrams

APPROVALS

Concur: Hial Ethel
Director of Engineering

Approve: Margaret B. Pively 6/20/16
Chief Engineer Date



P.I. No. 0010323
SR 260/GLENWOOD AVE. @ SR 42/MORELAND AVE.

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. **0010323**

OFFICE Office of Program Delivery

PROJECT DESCRIPTION

SR 260/Glenwood Ave. @ SR 42/US 23/Moreland Ave. Intersection Improvements

DATE April 26, 2016

From: Clint Parker, Atlanta Services Group Joint Venture

To: Lisa L. Myers, State Project Review Engineer

Subject: REVISIONS TO PROGRAMMED COSTS

PROJECT MANAGER Oluchukwu Anyaebosi

MGMT LET DATE 3/15/2017

MGMT ROW DATE 11/3/2015

PROGRAMMED COSTS (TPro W/OUT INFLATION)			**LAST ESTIMATE UPDATE**	
CONSTRUCTION	$	1,694,618.85	DATE	11/3/2015
RIGHT OF WAY	$	1,930,000.00	DATE	11/3/2015
UTILITIES	$	663,811.00	DATE	11/3/2015

REVISED COST ESTIMATES

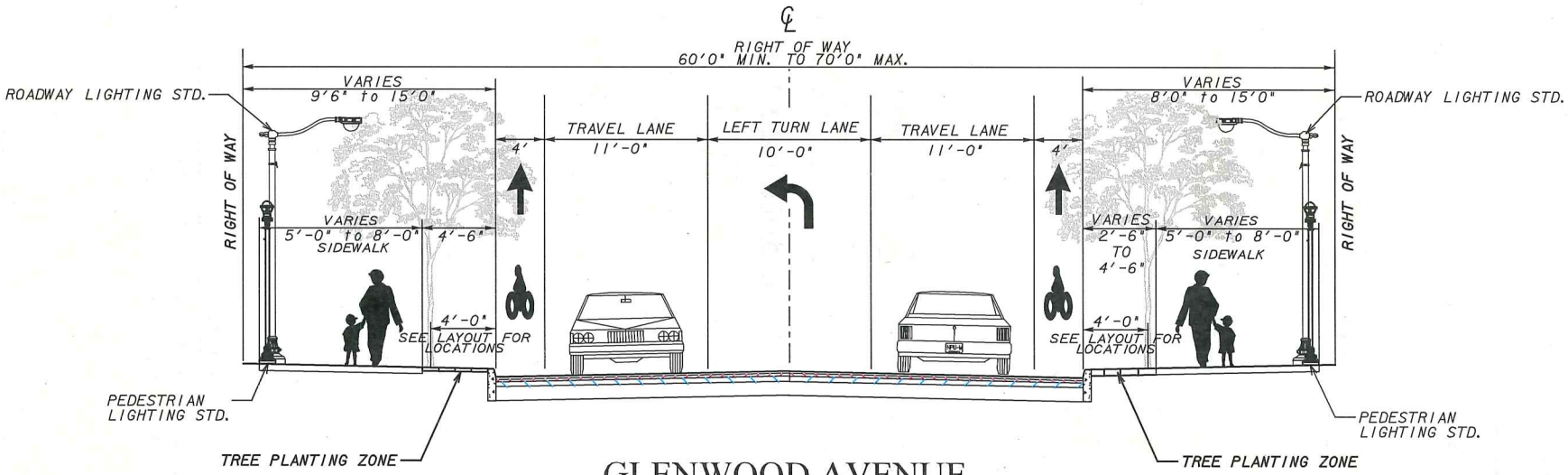
CONSTRUCTION*	$	1,847,329.66
RIGHT OF WAY	$	
UTILITIES	$	

*Cost Contains 5 % Contingency

REASONS FOR COST INCREASE AND CONTINGENCY JUSTIFICATION:

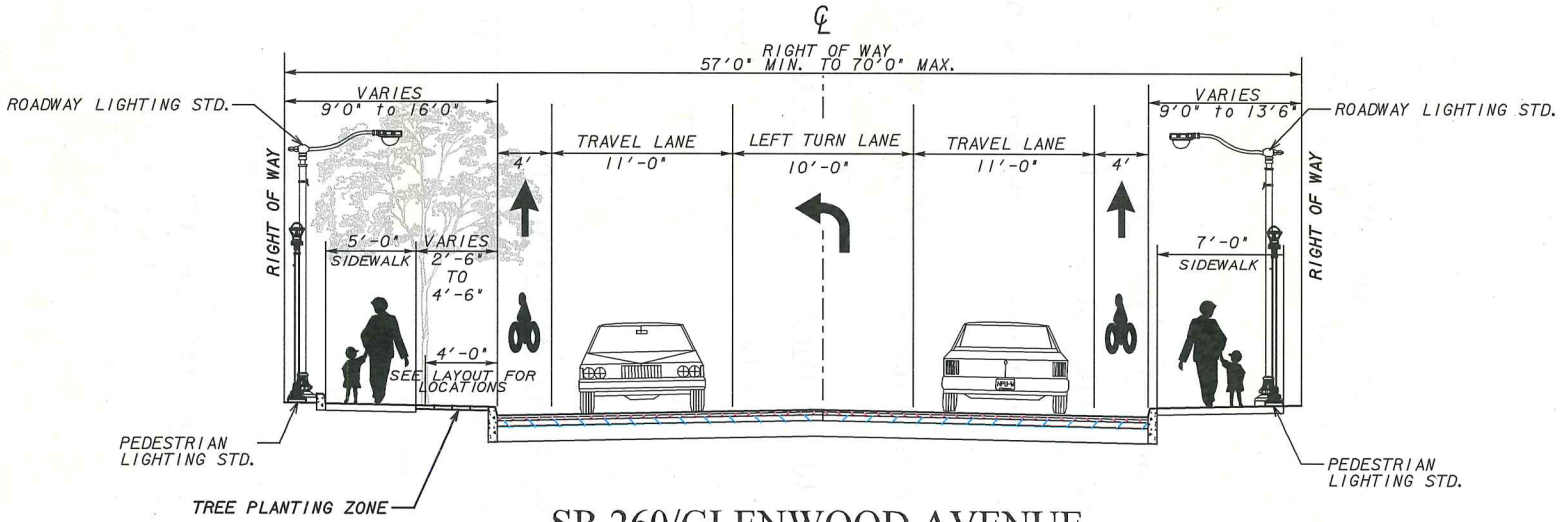
Construction costs increased due to typical section revision. The Engineering & Inspection was increased to 10% because water and sewer engineering and relocation services will be added to the local let construction contract.

TYPICAL SECTION



GLENWOOD AVENUE
(WEST OF SR 42/MORELAND AVENUE)

TYPICAL SECTION



SR 260/GLENWOOD AVENUE
(EAST OF SR 42/MORELAND AVENUE)

CONTINGENCY SUMMARY

A.	CONSTRUCTION COST ESTIMATE:	$ 1,588,024.81	Base Estimate From CES	
B.	ENGINEERING AND INSPECTION (E & I):	$ 158,802.48	Base Estimate (A) x	10 %
C.	CONTINGENCY:	$ 87,341.36	Base Estimate (A) + E & I (B) x See % Table in "Risk Based Cost Estimation" Memo	5 %
D.	TOTAL LIQUID AC ADJUSTMENT:	$ 13,161.00	Total From Liquid AC Spreadsheet	
E.	CONSTRUCTION TOTAL:	$ 1,847,329.66	(A + B + C + D = E)	

REIMBURSABLE UTILTY COSTS

UTILITY OWNER	REIMBURSABLE COST
Georgia Power	$ 322,500.00
AT&T - Georgia	$ 210,000.00
Atlanta Gas Light	$ 15,160.00
City of Atlanta Bureau of Watershed Management	$ 116,150.64
	$ -
	$ -
TOTAL	$ 663,810.64

ATTACHMENTS:

Detailed Cost Estimate Printout From TRAQS
Liquid AC Adjustment Spreadsheet

PROJ. NO.		CALL NO.
P.I. NO.	0010323	
DATE	4/26/2015	

INDEX (TYPE)	**DATE**	**INDEX**
REG. UNLEADED	Apr-16	$ 2.037
DIESEL		$ 2.120
LIQUID AC		$ 336.00

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

LIQUID AC ADJUSTMENTS

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

Asphalt

Price Adjustment (PA)			**12096**	**$**	**12,096.00**
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	$ 537.60		
Monthly Asphalt Cement Price month project let (APL)			$ 336.00		
Total Monthly Tonnage of asphalt cement (TMT)			60		

ASPHALT	**Tons**	**%AC**	**AC ton**
Leveling		5.0%	0
12.5 OGFC		5.0%	0
12.5 mm	800	5.0%	40
9.5 mm SP		5.0%	0
25 mm SP	300	5.0%	15
19 mm SP	100	5.0%	5
	1200		**60**

BITUMINOUS TACK COAT

Price Adjustment (PA)			**$ 129.88**	**$**	**129.88**
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	$ 537.60		
Monthly Asphalt Cement Price month project let (APL)			$ 336.00		
Total Monthly Tonnage of asphalt cement (TMT)			0.644265138		

Bitum Tack Gals	gals/ton	tons
150	232.8234	0.64426514

BITUMINOUS TACK COAT (surface treatment)

Price Adjustment (PA)			**935.1637335**	**$**	**935.16**
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	$ 537.60		
Monthly Asphalt Cement Price month project let (APL)			$ 336.00		
Total Monthly Tonnage of asphalt cement (TMT)			4.638708996		

Bitum Tack	SY	Gals/SY	Gals	gals/ton	tons
Single Surf. Trmt.	1000	0.20	200	232.8234	0.859020184
Double Surf.Trmt.	2000	0.44	880	232.8234	3.779688811
Triple Surf. Trmt		0.71	0	232.8234	0
					4.638708996

TOTAL LIQUID AC ADJUSTMENT	**$**	**13,161.05**

JOB ESTIMATE REPORT

JOB NUMBER : 0010323-02 SPEC YEAR: 01
DESCRIPTION: SR 260/GLENWOOD AT US 23/SR 42/MORELAND

ITEMS FOR JOB 0010323-02

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	150-1000		LS	TRAFFIC CONTROL - 0010323	1.000	150000.00	150000.00
0010	207-0203		CY	FOUND BKFILL MATL, TP II	110.000	42.86	4715.30
0015	210-0100		LS	GRADING COMPLETE - 0010323	1.000	375000.00	375000.00
0020	310-5100		SY	GR AGGR BS CRS 10IN INCL MATL	650.000	23.74	15437.42
0025	402-4510		TN	RECYL AC 12.5 MM SP,GP2ONLY,INC P-MBM&HL	800.000	92.90	74323.41
0035	402-3121		TN	RECYL AC 25MM SP,GP1/2,BM&HL	300.000	90.36	27109.63
0040	402-3190		TN	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	100.000	103.01	10301.61
0041	413-1000		GL	BITUM TACK COAT	150.000	4.16	625.15
0045	441-0018		SY	DRIVEWAY CONCRETE, 8 IN TK	200.000	41.13	8227.19
0050	441-0104		SY	CONC SIDEWALK, 4 IN	2200.000	31.27	68812.59
0055	437-1300		LF	ST GRANITE CURB,5" X 16",TP A	2000.000	50.76	101520.00
0056	437-2600		LF	CI GRANITE CURB,5" X 16",TP A	400.000	120.71	48284.00
0059	500-3101		CY	CLASS A CONCRETE	150.000	458.84	68826.99
0060	500-9999		CY	CL B CONC,BASE OR PVMT WIDEN	75.000	163.24	12243.47
0065	550-1180		LF	STM DR PIPE 18",H 1-10	400.000	36.42	14569.67
0075	634-1200		EA	RIGHT OF WAY MARKERS	10.000	112.22	1122.27
0080	668-1100		EA	CATCH BASIN, GP 1	3.000	2270.08	6810.27
0085	702-0901		EA	QUERCUS RUBRA - 0010323	50.000	285.68	14284.42
0090	900-0039		SF	BRICK PAVERS	6000.000	12.04	72273.78
0095	636-1020		SF	HWY SGN,TP1MAT,REFL SH TP3	8.000	18.12	144.99
0105	636-2070		LF	GALV STEEL POSTS, TP 7	44.000	10.91	480.28
0110	652-0120		EA	PAVEMENT MARKING, ARROW, TP 2	9.000	40.89	368.07
0115	652-5451		LF	SOLID TRAF STRIPE, 5 IN, WHITE	1850.000	0.17	317.74
0120	652-5452		LF	SOLID TRAF STRIPE, 5 IN, YELLO	2750.000	0.11	314.16
0125	652-5701		LF	SOLID TRAF STRIPE, 24", WHITE	125.000	2.23	279.50
0130	652-6501		GLF	SKIP TRAF STRIPE, 5 IN, WHITE	600.000	0.12	75.89
0135	654-1001		EA	RAISED PVMT MARKERS TP 1	50.000	4.11	205.58
0145	639-3004		EA	STEEL STRAIN POLE, TP IV	4.000	7658.07	30632.29
0150	647-1000		LS	TRAF SIGNAL INSTALLATION NO - 1	1.000	22000.00	22000.00
0165	647-2140		EA	PULL BOX, PB-4	3.000	1557.88	4673.64
0170	647-2150		EA	PULL BOX, PB-5	1.000	1292.90	1292.90
0174	647-3000		EA	INTERNAL ILLUMIN ST NAME SIGN	4.000	2918.65	11674.63
0175	647-3100		EA	INTERNAL ILLUMIN ST NAME SIGN CONTR ASEM	4.000	783.51	3134.07
0180	682-6231		LF	CONDUIT, NONMETL, TP 3, 1 1/4 IN	100.000	2.51	251.35
0185	682-6233		LF	CONDUIT, NONMETL, TP 3, 2 IN	300.000	5.75	1726.72
0190	935-1113		LF	OUT PLNT FBR OPT CBL,LOOSE TB,SM,24 FBR	200.000	4.56	912.18
0195	935-1511		LF	OUT PLNT FBR OPT CBL,DROP,SM,6 FBR	100.000	2.58	258.45
0200	935-3103		EA	FIBER OPTIC CLOSURE,UNDRGRD,24 FBR	1.000	570.48	570.48
0205	935-3602		EA	FBR. OP. CLOS., FDC PRE-TERM., TYP. A, 6	1.000	651.90	651.90

JOB ESTIMATE REPORT

0210	935-4010	EA	FIBER OPTIC SPLICE, FUSION	2.000	108.56	217.14
0215	935-5050	EA	FIBER OPTIC PATCH CORD, SM	1.000	105.84	105.84
0220	935-6562	EA	EXT TRNSCVR,DRP&RPT,1310SM,(SIGNAL JOBS)	1.000	1888.02	1888.03
0225	937-6050	EA	INT VIDEO DET SYS ASMBLY, TP A	6.000	4500.00	27000.00
0230	937-6150	EA	PROGRAMMING MONITOR, TP A	1.000	400.00	400.00
0235	937-8000	LS	TESTING	1.000	2000.00	2000.00
0325	500-3800	CY	CL A CONC, INCL REINF STEEL	55.000	692.29	38076.48
0330	615-1100	LF	DIRECTIONAL BORE PIPE - 1 IN	290.000	103.81	30105.73
0335	681-4120	EA	LT STD, 12' MH, POST TOP	32.000	2791.77	89336.85
0340	681-4277	EA	LT STD, 25' MH, 6' ARM	26.000	4863.48	126450.71
0345	681-6220	EA	LUMINAIRE,TP 2, 150W,HP SODIUM	32.000	1300.00	41600.00
0350	681-6250	EA	LUMINAIRE,TP 2, 250W,HP SODIUM, SPL DES	26.000	1450.00	37700.00
0355	682-6120	LF	CONDUIT, RIGID, 2 IN	290.000	12.09	3507.14
0360	682-6233	LF	CONDUIT, NONMETL, TP 3, 2 IN	2320.000	4.45	10326.48
0365	682-9000	LS	MAIN SVC PICK UP POINT	1.000	8000.00	8000.00
0369	163-0232	AC	TEMPORARY GRASSING	1.000	405.96	405.97
0370	163-0240	TN	MULCH	3.000	282.21	846.64
0375	163-0300	EA	CONSTRUCTION EXIT	2.000	1567.99	3136.00
0380	163-0550	EA	CONS & REM INLET SEDIMENT TRAP	4.000	136.65	546.62
0385	165-0030	LF	MAINT OF TEMP SILT FENCE, TP C	2500.000	0.91	2283.15
0390	165-0101	EA	MAINT OF CONST EXIT	1.000	525.77	525.78
0394	165-0105	EA	MAINT OF INLET SEDIMENT TRAP	4.000	59.81	239.28
0395	171-0030	LF	TEMPORARY SILT FENCE, TYPE C	2500.000	3.02	7560.08
0400	700-6910	AC	PERMANENT GRASSING	1.000	603.96	603.97
0405	700-7000	TN	AGRICULTURAL LIME	1.000	74.89	74.90
0410	700-8000	TN	FERTILIZER MIXED GRADE	1.000	411.26	411.27
0415	700-8100	LB	FERTILIZER NITROGEN CONTENT	1.000	2.73	2.73
0420	702-7501	LF	TREE PROTECTION BARRIER,TP 1	100.000	2.22	222.03

ITEM TOTAL 1588024.78
INFLATED ITEM TOTAL 1588024.78

TOTALS FOR JOB 0010323-02

ESTIMATED COST: 1588024.81
CONTINGENCY PERCENT (5.0): 79401.24
ESTIMATED TOTAL: 1667426.05

GEORGIA DEPARTMENT OF TRANSPORTATION
LOCAL ACQUISITION - DETAILED ROW COST ESTIMATE SUMMARY

Date (MM/YYYY): August-15 Project: SR 260 @ US23/SR 42
Revised: County: Fulton/DeKalb
PI: 10323
Description: Moreland @ Glenwood intersection
Parcels: 22 R/W Plan Date: 5/21/2015
☐ FOR FUNDING ONLY

CONTRACT	
Land and Improvements	$1,382,291.19
Relocation	$25,000.00
Demolition	$42,500.00
SUB TOTAL (Reimbursable)	**$1,449,791.19**
Valuation Services (Non-reimbursable)	$83,125.00
Legal Services (Non-reimbursable)	$164,850.00
SUB TOTAL (Non-reimbursable)	$247,975.00
IN-HOUSE	
Sponsor In-house	$186,500.00
Agency Oversight In-house	$42,000.00
TOTAL ESTIMATED COSTS	$1,926,266.19
TOTAL ESTIMATED COSTS (ROUNDED)	***$1,930,000.00***

Preparation Credits	Hours	Signature
Bruce Parsons	21.0	Bob

Bob *CG#: 366 8/10/15

*CG#:

*CG required only if used for Negotiations

Attachment(s): **Project Location Map; Subject/Comp Location Map; Comparable Sales Data**

Glenwood Ave. (SR 260) @ Moreland Ave. (SR 42)
Utilities Cost Estimate - Concept

17-Sep-15

Utility Owners	Service	Contact	Phone
1. Georgia Power	Electric Transmission and Distribution	John Wisehart	404-213-1711
2. AT&T	Telephone	Arlene Jackson	404.532.7570
3. City of Atlanta Bureau of Watershed Management	Water & Sewer	Joi L. Crawley	404.546.3315
4. AGL Resources	Gas	Matt Poelking	404.584.3823

1. Georgia Power

Electric Transmission and Distribution — John Wisehart, jwisehar@southernco.com — 404-938-0292

Utility	Qty	Unit	Cost per	Total Cost
Wood Poles	15	each	$ 20,000.00	$ 300,000.00
Small Wood Poles	3	each	$ 7,500.00	$ 22,500.00
			Sub-Total:	**$ 322,500.00**

2. AT&T

Telephone — Arlene Jackson, aj5035@att.com — 404.532.7570

Utility	Qty	Unit	Cost per	Total Cost
Conduit (170 ft)	1	lump	$ 50,000.00	$ 50,000.00
Copper (incl. Splicing)	1	lump	$ 60,000.00	$ 60,000.00
Manholes	2	each	$ 50,000.00	$ 100,000.00
			Sub-Total:	**$ 210,000.00**

3. City of Atlanta Bureau of Watershed Management

Utility	Qty	Unit	Cost per	Total Cost
6" Water	200	ft	$ 35.22	$ 7,044.00
8" Water	200	ft	$ 73.76	$ 14,752.00
12" Water	350	ft	$ 72.74	$ 25,459.00
16" Water	200	ft	$ 90.14	$ 18,028.00
Sanitary Sewer Main	500	ft	$ 90.00	$ 45,000.00
Sanitary Sewer Manhole	2	each	$ 2,933.82	$ 5,867.64
			Sub-Total:	**$ 116,150.64**

4. Atlanta Gas Light

Gas — Matt Poelking, 404-584-3823; Jacob Ziliak, 404-584-3732; Erica Lavinsky, 404.584.3185

Utility	Qty	Unit	Cost per	Total Cost
2" Gas	350	ft	$ 30.32	$ 10,612.00
4" Gas	150	ft	$ 30.32	$ 4,548.00
			Sub-Total:	**$ 15,160.00**

Grand Total:	**$ 663,810.64**

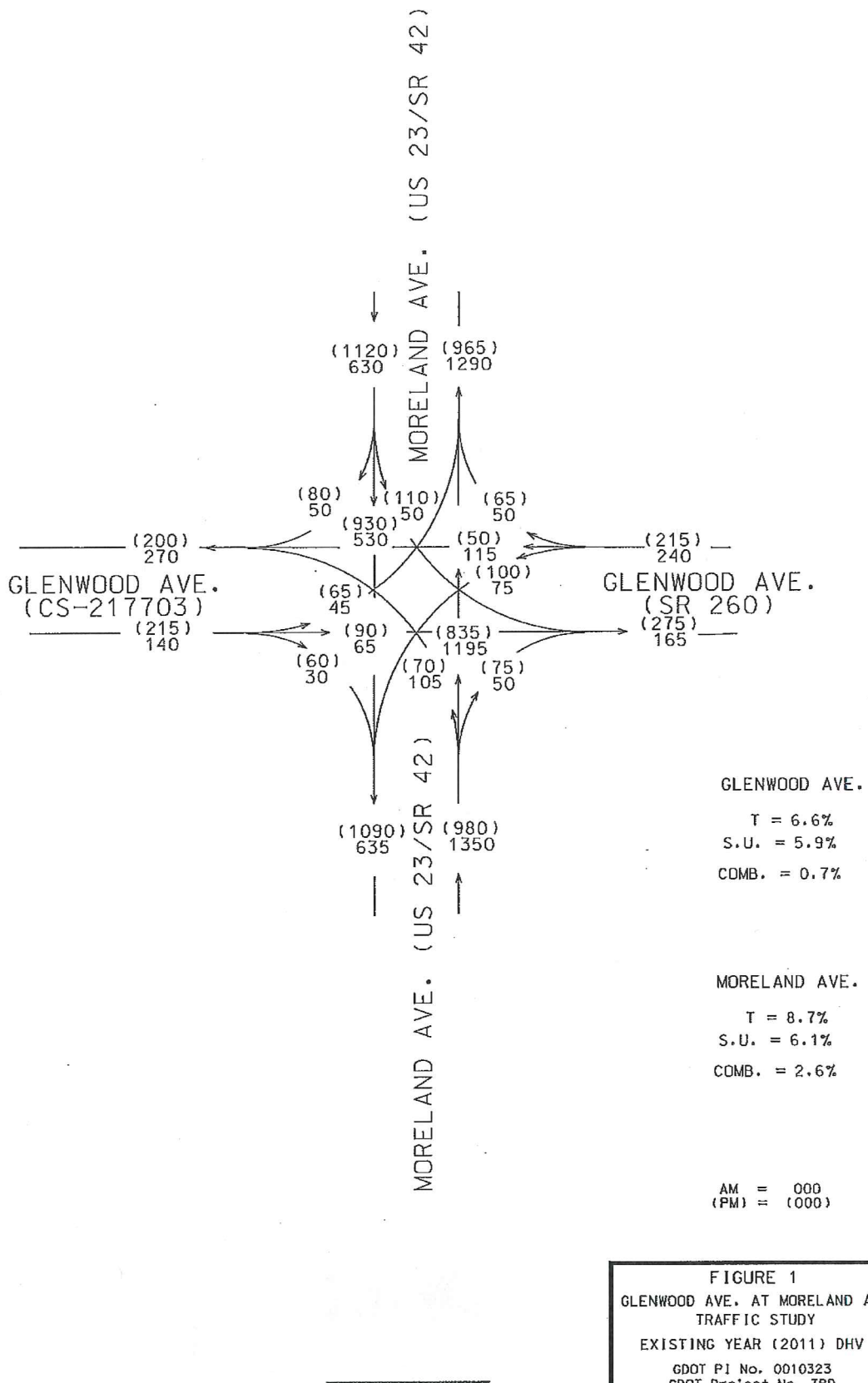
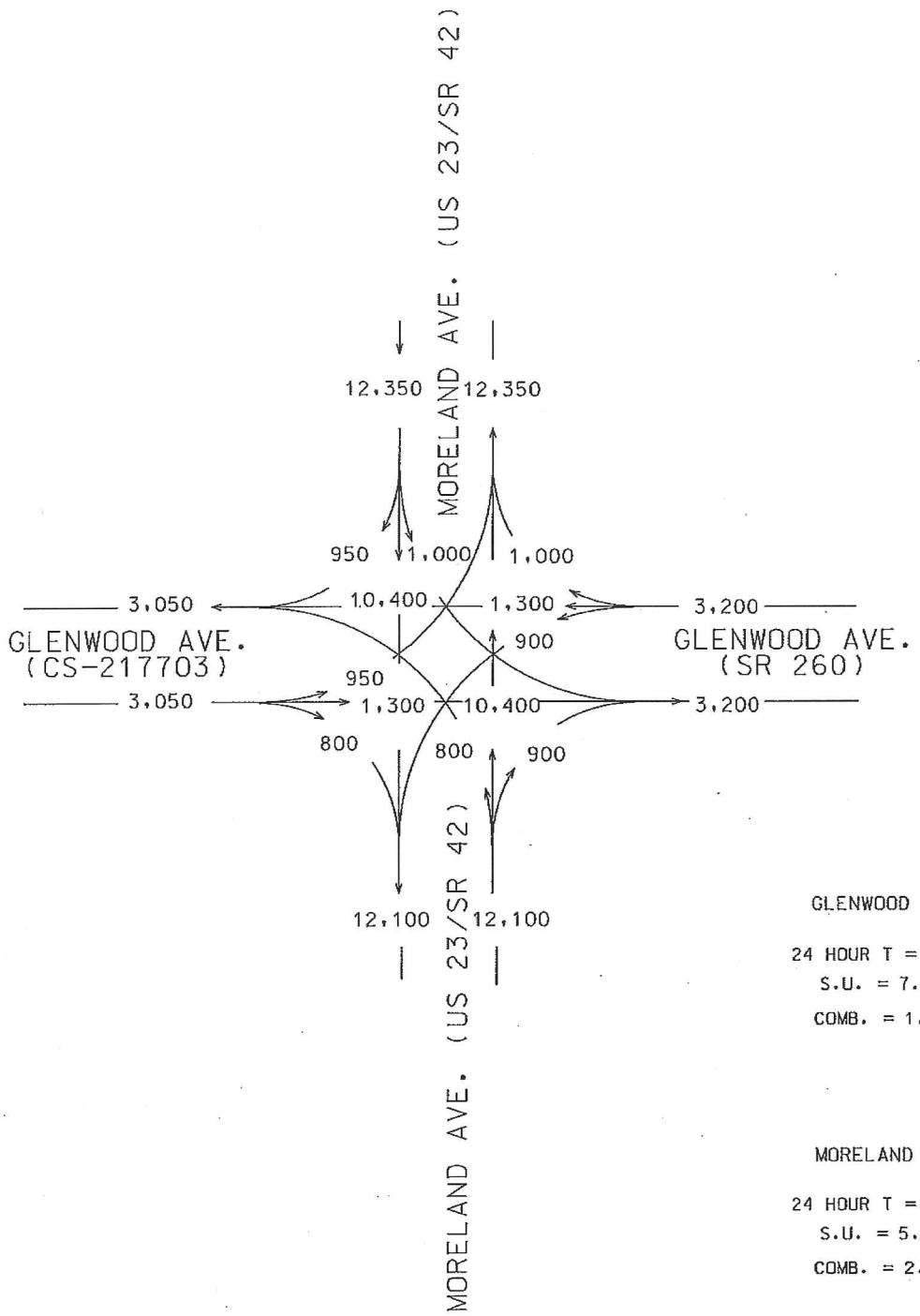


FIGURE 1
GLENWOOD AVE. AT MORELAND AVE
TRAFFIC STUDY
EXISTING YEAR (2011) DHV

GDOT PI No. 0010323
GDOT Project No. TBD
ARC Project No. AT-241
Couties: Dekolb/Fulton

Atlas Group

04/2014



GLENWOOD AVE.

24 HOUR T = 8.3%
S.U. = 7.3%
COMB. = 1.0%

MORELAND AVE.

24 HOUR T = 8.5%
S.U. = 5.8%
COMB. = 2.7%

ADT = 000

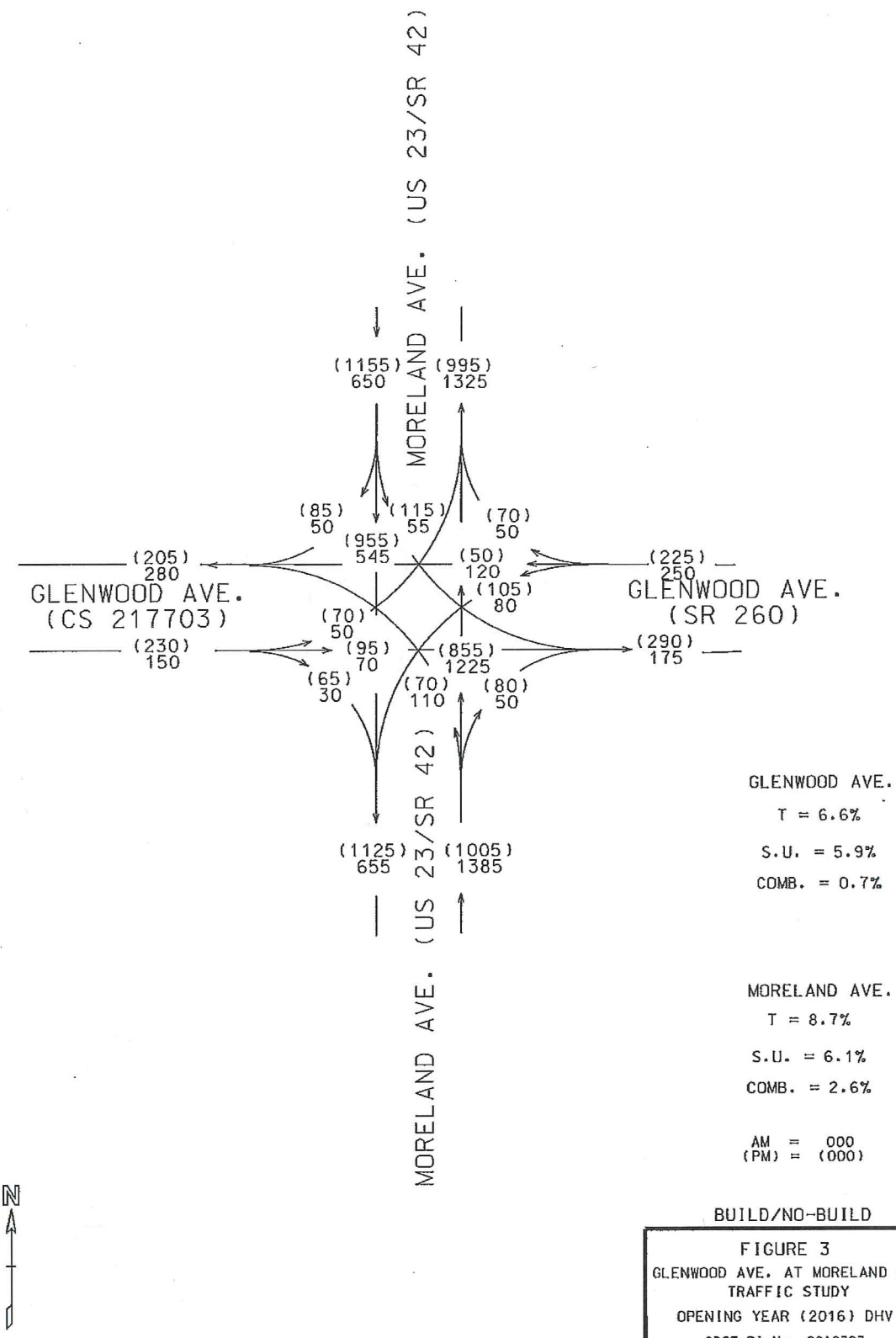
N

Atlas Group

FIGURE 2
GLENWOOD AVE. AT MORELAND AVE
TRAFFIC STUDY
EXISTING YEAR (2011) ADT

GDOT PI No. 0010323
GDOT Project No. TBD
ARC Project No. AT-241
Counties: Dekalb/Fulton

04/2014



GLENWOOD AVE.

T = 6.6%

S.U. = 5.9%

COMB. = 0.7%

MORELAND AVE.

T = 8.7%

S.U. = 6.1%

COMB. = 2.6%

AM = 000
(PM) = (000)

BUILD/NO-BUILD

FIGURE 3

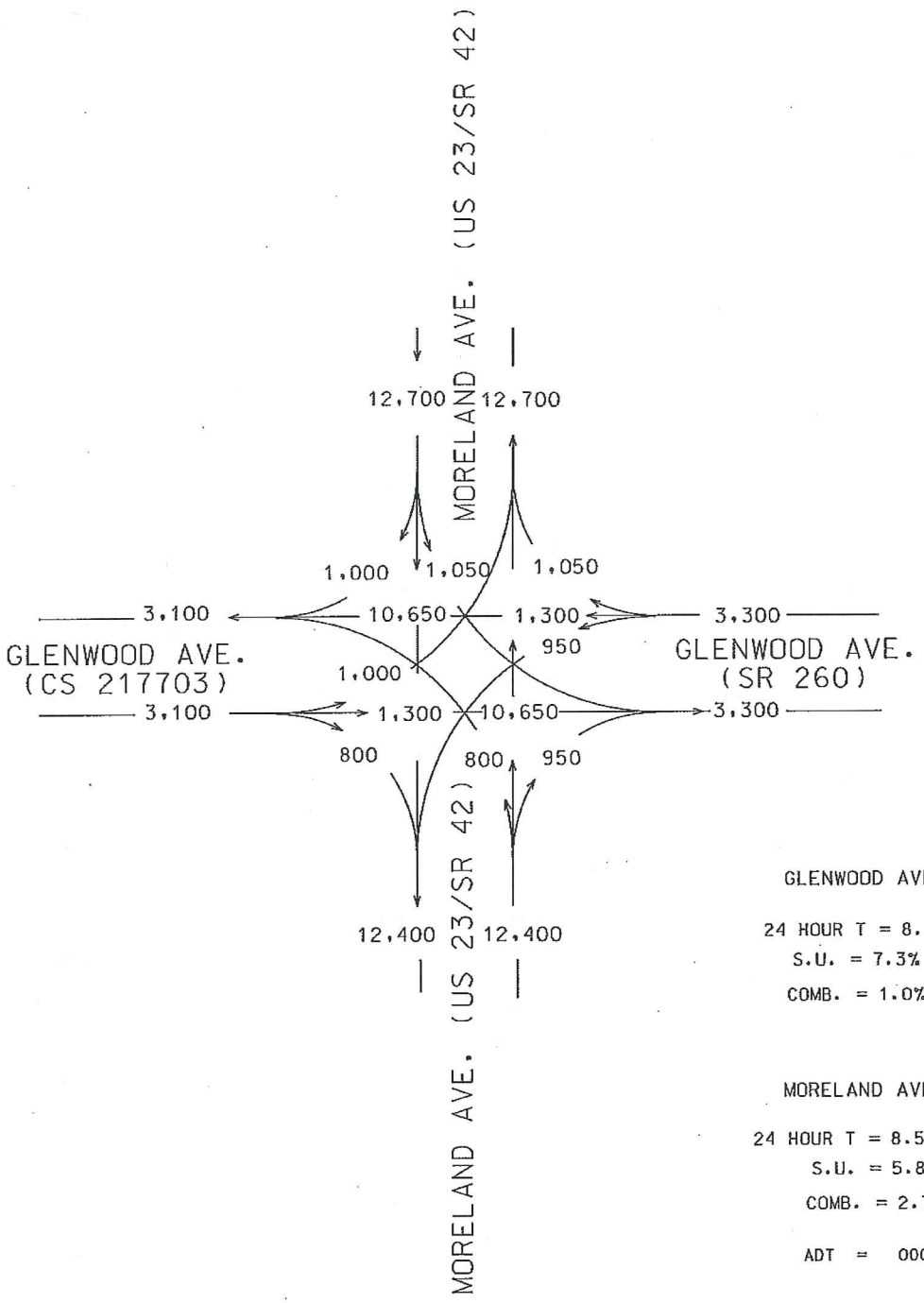
GLENWOOD AVE. AT MORELAND AVE
TRAFFIC STUDY

OPENING YEAR (2016) DHV

GDOT PI No. 0010323
GDOT Project No. TBD
ARC Project No. AT-241
Couties: Dekalb/Fulton

Atlas Group

04/2014



GLENWOOD AVE.

24 HOUR T = 8.3%
S.U. = 7.3%
COMB. = 1.0%

MORELAND AVE.

24 HOUR T = 8.5%
S.U. = 5.8%
COMB. = 2.7%

ADT = 000

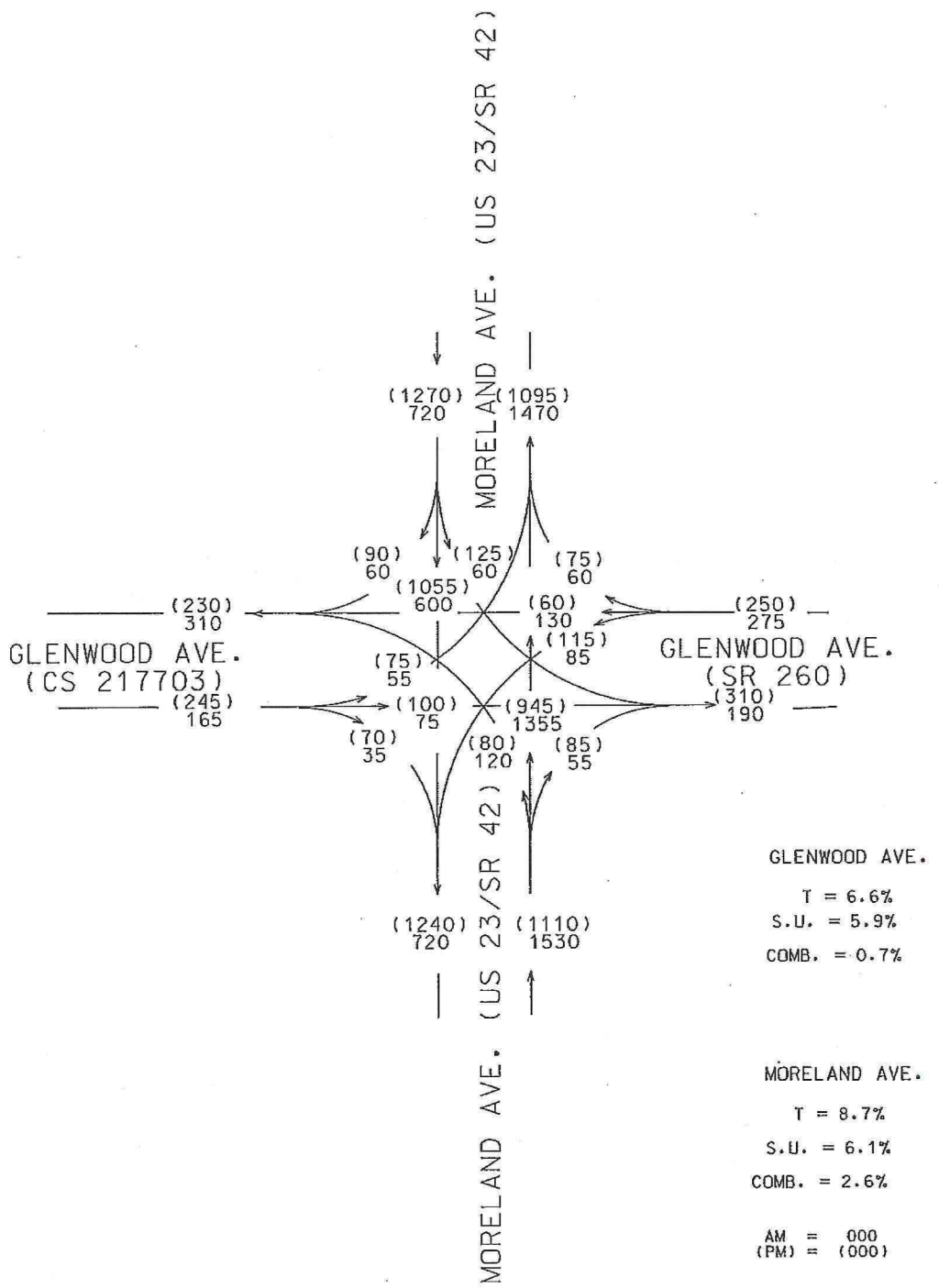
BUILD/NO-BUILD

FIGURE 4
GLENWOOD AVE. AT MORELAND AVE
TRAFFIC STUDY
OPENING YEAR ADT(2016)

GDOT PI No. 0010323
GDOT Project No. TBD
ARC Project No. AT-241
Couties: Dekalb/Fulton

Atlas Group

04/2014



GLENWOOD AVE.

T = 6.6%
S.U. = 5.9%
COMB. = 0.7%

MORELAND AVE.

T = 8.7%
S.U. = 6.1%
COMB. = 2.6%

AM = 000
(PM) = (000)

N

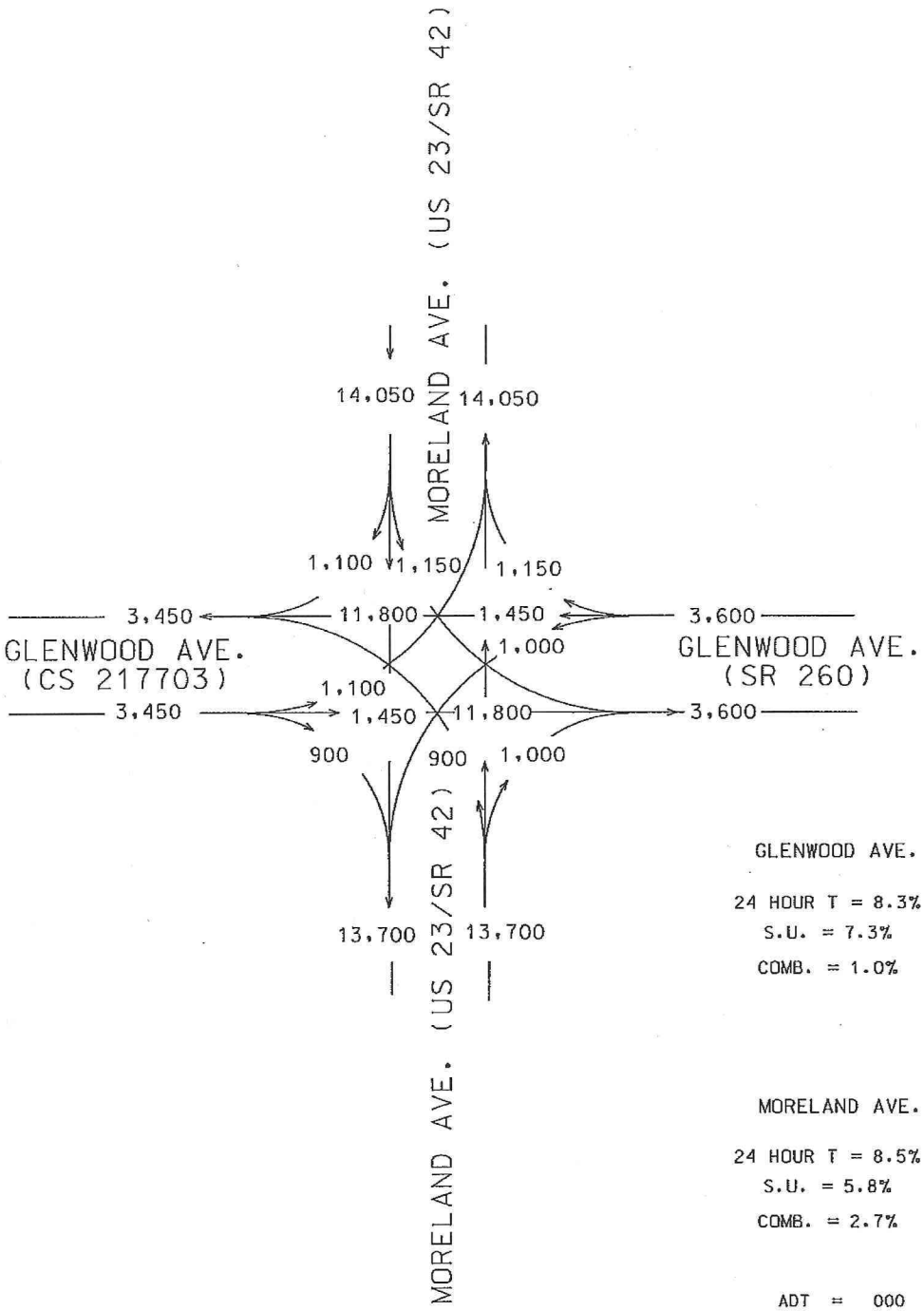
BUILD/NO-BUILD

FIGURE 5
GLENWOOD AVE. AT MORELAND AVE
TRAFFIC STUDY
DESIGN YEAR (2036) DHV

GDOT PI No. 0010323
GDOT Project No. TBD
ARC Project No. AT-241
Counties: Dekalb/Fulton

Atlantic Group

04/2014



GLENWOOD AVE.

24 HOUR T = 8.3%
S.U. = 7.3%
COMB. = 1.0%

MORELAND AVE.

24 HOUR T = 8.5%
S.U. = 5.8%
COMB. = 2.7%

ADT = 000

N

BUILD/NO-BUILD

FIGURE 6
GLENWOOD AVE. AT MORELAND AVE
TRAFFIC STUDY
DESIGN YEAR (2036) ADT

GDOT PI No. 0010323
GDOT Project No. TBD
ARC Project No. AT-241
Counties: Dekalb/Fulton

Alfred Group

04/2014