ORIGINAL TO GENERAL FILES

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0008295, Fulton County
CSSFT-0008-00(295)
SR 120 at North Point Parkway
Intersectin Improvements

OFFICE Preconstruction

DATE June 21, 2007

FROM Genetha Rice-Singleton, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT **APPROVED PROJECT CONCEPT REPORT**

Attached for your files is the approval for subject project.

GRS/cj

Attachment

DISTRIBUTION:

Brian Summers
Harvey Keepler
Ken Thompson
Jamie Simpson
Michael Henry
Keith Golden
Angela Alexander (file copy)
Babs Abubakari
Byant Poole
BOARD MEMBER

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE

FILE: P.I. No. 0008295, Fulton County
CSSFT-0008-00(295)
Intersection Improvement-
SR 120 @ North Point Parkway

OFFICE: Preconstruction

DATE: June 12, 2007

FROM: Genetha Rice-Singleton, Assistant Director of Preconstruction

TO: David E. Studstill, Jr., P.E., Chief Engineer

SUBJECT: ***PROJECT CONCEPT REPORT***

This project is a bridge widening and intersection improvement at the SR 120/Old Milton Parkway and North Point Parkway intersection. The project will extend approximately 1650' along SR 120/Old Milton Parkway (from mile marker 9.95 to 10.26) and approximately 900' on North Point Parkway (from mile marker 1.22 to 1.39). On SR 120/Old Milton Parkway there are currently six, 12' lanes with three lanes in each direction with a 44' grass median. The outer lane of SR 120 westbound drops to a right-turn only approximately 400' before the intersection. Both approaches have dual lefts and SR120 westbound has a right turn lane. North Point Parkway has four, 12' lanes two in each direction, a left turn lane and a 20' raised median on both the north and south sides. The intersection is experiencing a high count of accidents, in addition to congestion and delays. A large percentage of these accidents, 24% from 2002 to 2004, resulted in injury. The high volume of traffic is credited to the significant commercial and residential growth in the area.

The project proposes to add and/or extend turn lanes on both routes. Both lanes of an existing dual left on SR 120 eastbound will be extended. On the westbound approach, the outside lane of an existing dual left and a right turn lane on SR 120 westbound will be extended. An existing bridge on the westbound approach ,approximately, 450' east of the intersection will be widened by 24' (12' on each side) to accommodate the longer left turn lane and right turn lane. Improvements to both approaches on North Point Parkway include, the road being widened to accommodate a right turn lane and reducing the existing raised median and symmetrical widening to add a second left turn lane while extending the lanes.

Environmental concerns include requiring a COE 404 permit; a Categorical Exclusion will be prepared; a Public hearing is not required; Time saving procedures are appropriate.

P.I. No. 0008295, Fulton County
June 12, 2007

The estimated costs for this project are:

	PROPOSED	APPROVED	FUNDING	PROG DATE
Construction (includes E&C And inflation)	$ 1,667,000	$ 1,837,000	LS30	LUMP
Right-of-way	$ 100,000	$ 100,000	LS30	LUMP
Utilities	$ 20,000			

* PFA signed Alpharetta contribute $500k toward construction 3-19-07

I recommend this project concept be approved.

GRS: JDQ

Attachment

CONCUR _____
Todd I. Long, P.E., Director of Preconstruction

APPROVED _____
David E. Studstill, Jr., P.E., Chief Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE

FILE: CSSFT-0008-00(295) Fulton County **OFFICE:** Engineering Services
P.I. No. 0008295
Intersection Improvement SR 120 @North Point Parkway

DATE: May 21, 2007

FROM: Brian K. Summers, P.E., Project Review Engineer

TO: Genetha Rice-Singleton Assistant Director of Preconstruction

SUBJECT: **CONCEPT REPORT**

We have reviewed the Concept Report received May 18, 2007 from Ted Crabtree, and have the following comments.

The approved right of way estimate from the Office of Right of Way should be included and added to the overall cost estimate.

The costs for this project are:

Construction	$ 1,514,559
E & C	$ 151,456
Reimbursable Utilities	$ 20,000
Right of Way	$ 100,000

BKS

cc: Bryant Poole, Attn.: Ted Crabtree

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District Seven Preconstruction

PROJECT CONCEPT REPORT

Project Number: CSSFT-0008-00(295)
County: Fulton
P. I. Number: 0008295

Federal Route Number:
State Route Number: SR 120

S.R. 120 @ North Point Parkway
Intersection Improvement / Bridge Widening

Recommendation for approval:

DATE 5/17/07 _____
Project Manager

DATE 5/18/07 _____
~~District Engineer~~

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

DATE 5/24/07 _____
State Transportation Planning Administrator

DATE _____ _____
Office of Financial Management Administrator

DATE _____ _____
State Environmental/Location Engineer

DATE _____ _____
State Traffic Safety & Design Engineer

DATE _____ _____
Project Review Engineer

DATE _____ _____
State Bridge Engineer

5-18-07

VB

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District Seven Preconstruction

PROJECT CONCEPT REPORT

Project Number: CSSFT-0008-00(295)
County: Fulton
P. I. Number: 0008295

Federal Route Number:
State Route Number: SR 120

S.R. 120 @ North Point Parkway
Intersection Improvement / Bridge Widening

Recommendation for approval:

DATE 5/12/07 _____ Project Manager

DATE 5/18/07 _____ ~~District Engineer~~

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

DATE _____ _____ State Transportation Planning Administrator

DATE 5-14-07 _____ ~~Office of~~ Financial Management Administrator

DATE _____ _____ State Environmental/Location Engineer

DATE _____ _____ State Traffic Safety & Design Engineer

DATE _____ _____ Project Review Engineer

DATE _____ _____ State Bridge Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District Seven Preconstruction

PROJECT CONCEPT REPORT

Project Number: CSSFT-0008-00(295)
County: Fulton
P. I. Number: 0008295

Federal Route Number:
State Route Number: SR 120

S.R. 120 @ North Point Parkway
Intersection Improvement / Bridge Widening

Recommendation for approval:

DATE 5/12/07 _____
Project Manager

DATE 5/18/07 _____
~~District Engineer~~

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

DATE _____
State Transportation Planning Administrator

DATE _____
Office of Financial Management Administrator

DATE _____
State Environmental/Location Engineer

DATE _____
State Traffic Safety & Design Engineer

DATE 5/21/07 _____
Project Review Engineer

DATE _____
State Bridge Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District Seven Preconstruction

PROJECT CONCEPT REPORT

Project Number: CSSFT-0008-00(295)
County: Fulton
P. I. Number: 0008295

Federal Route Number:
State Route Number: SR 120

S.R. 120 @ North Point Parkway
Intersection Improvement / Bridge Widening

Recommendation for approval:

DATE 5/12/07 _____ Project Manager

DATE 5/18/07 _____ ~~District Engineer~~

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

DATE _____ _____ State Transportation Planning Administrator

DATE _____ _____ Office of Financial Management Administrator

DATE _____ _____ State Environmental/Location Engineer

DATE 5-21-07 _____ State Traffic Safety & Design Engineer

DATE _____ _____ Project Review Engineer

DATE _____ _____ State Bridge Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE: **P.I. No. 0008295** **OFFICE:** Environment/Location

DATE: June 8, 2007

FROM: Harvey D. Keepler, State Environmental/Location Engineer

TO: Genetha Rice-Singleton, Assistant Director of Preconstruction

SUBJECT: **PROJECT CONCEPT REPORT**
CSSFT-0008-00(295) / Fulton
SR 120 @ North Point Pkwy. Intersection Improvement

The above subject concept report has been reviewed. This Office has no comments at this time.

If you have any questions, please contact me at (404) 699-4401.

HDK/lc

Attachment

cc: Brian Summers
Bryant Poole
Jamie Simpson
Keith Golden
Angela Alexander

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District Seven Preconstruction

PROJECT CONCEPT REPORT

Project Number: CSSFT-0008-00(295)
County: Fulton
P. I. Number: 0008295

Federal Route Number:
State Route Number: SR 120

S.R. 120 @ North Point Parkway
Intersection Improvement / Bridge Widening

Recommendation for approval:

DATE 5/12/07 _____
Project Manager

DATE 5/16/07 _____
District Engineer

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

DATE _____
State Transportation Planning Administrator

DATE _____
Office of Financial Management Administrator

DATE 6/7/07 _____
State Environmental/Location Engineer

DATE _____
State Traffic Safety & Design Engineer

DATE _____
Project Review Engineer

DATE _____
State Bridge Engineer

SCORING RESULTS AS PER MOG 2440-2

Project Number:	County:	PI No.:
CSSFT-0008-00(295)	Fulton	0008295

Report Date:	Concept By:
Mat 18, 2007	DOT Office: District 7
☒ Concept Stage	

Project Type: Choose One From Each Column			
	☐ Major ☒ Minor	☐ Urban ☒ Rural	☐ ATMS ☐ Bridge Replacement ☐ Building ☐ Interchange Reconstruction ☒ Intersection Improvement ☐ Interstate ☐ New Location ☐ Widening & Reconstruction ☐ Miscellaneous

FOCUS AREAS	SCORE	RESULTS
Presentation	100	
Judgement	100	
Environmental	100	
Right of Way	100	
Utility	100	
Constructability	100	
Schedule	100	

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District Seven Preconstruction

PROJECT CONCEPT REPORT

Project Number: CSSFT-0008-00(295)
County: Fulton
P. I. Number: 0008295

Federal Route Number:
State Route Number: SR 120

S.R. 120 @ North Point Parkway
Intersection Improvement / Bridge Widening

Recommendation for approval:

DATE 5/12/07 _____
Project Manager

DATE 5/18/07 _____
~~District Engineer~~

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

DATE _____
State Transportation Planning Administrator

DATE _____
Office of Financial Management Administrator

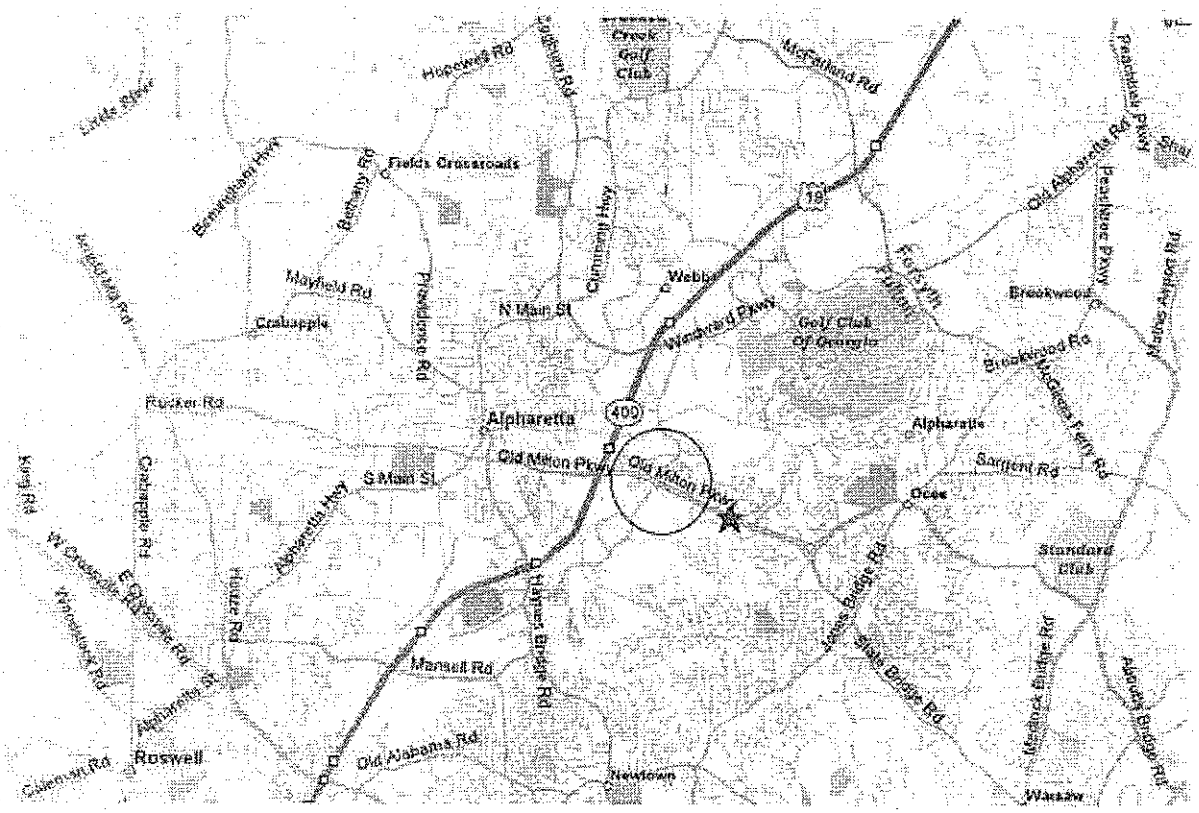
DATE _____
State Environmental/Location Engineer

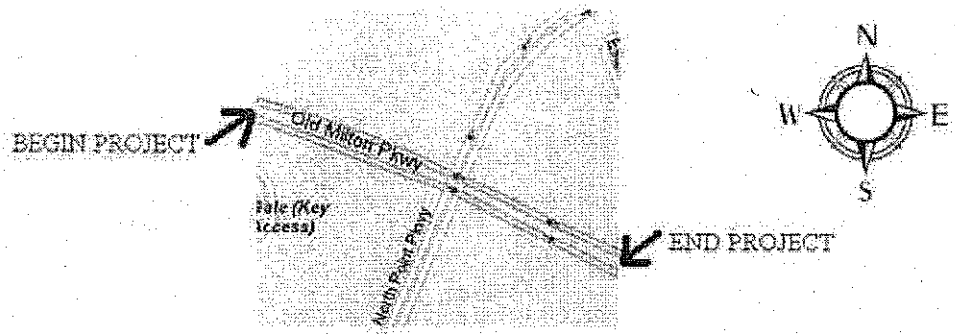
DATE _____
State Traffic Safety & Design Engineer

DATE _____
Project Review Engineer

DATE _____
State Bridge Engineer

Project Concept Report page 2
Project Number: CSSFT-0008-00(295)
P. I. Number: 0008295
County: Fulton





Need and Purpose: The intersection at SR 120/ Old Milton Parkway and North Point Parkway is experiencing a high count of accidents, in addition to, unsatisfactory traffic flow in the form of congestion and delays. A large percentage of these accidents, 24 % from 2002 to 2004, result in injury. The high volume of traffic is credited to significant commercial and residential growth in this area.

The proposed project will add new turning lanes and extend existing turning lanes to make the intersection safer while allowing turning vehicles more room to maneuver into their prospective lanes at this intersection. In addition, the current pedestrian facilities at this intersection will be brought up to current ADA standards.

SR 120/Old Milton PKWY & North Point PKWY

Number of Accidents by Type

Year	Total	Angle	Head On	Rear End	Sideswipe	Off Roadway	# of Injuries	# of Fatalities
2002	58	14	1	36	4	3	19	0
2003	44	7	0	32	5	0	13	0
2004	54	8	1	38	7	0	6	0

Description of the proposed project: Project CSSFT-0008-00(295) is a bridge widening and intersection improvement project in Fulton County at the S.R. 120/ Old Milton PKWY. and North Point PKWY. intersection. The project includes approximately 1650 ft. of S.R. 120/ Old Milton PKWY (from mile marker 9.95 to 10.26) and approximately 900 ft. of North Point PKWY. (from mile marker 1.22 to 1.39)

To improve the safety and operational efficiency of this intersection, turning lanes on both routes will be added and/or extended. Both lanes of an existing dual left on S.R. 120 eastbound will be extended. On the westbound approach, the outside lane of an existing dual left and a right turn lane on S.R. 120 westbound will be extended. An existing bridge on the westbound approach approximately 450 ft east of the intersection will be widened by 24 feet (12 feet on each side) to accommodate the longer left turn lane and right turn lane. The existing bridge (Structure ID 121-0077-0) to be widened has a sufficiency rating of 96.61. Improvements to both approaches on North Point PKWY include, the road being widened to accommodate a right turn lane and reducing the existing raised median and symmetrical widening of the road to add a second left turn lane while extending the lanes.

Is the project located in a Non-attainment area? __X__ **Yes** _____ **No**
This project does not propose to add to capacity; therefore it conforms to the Regional Transportation plan.
PDP Classification: Major _____ Minor __X__
Federal Oversight: Full Oversight ( ), Exempt(X), State Funded ( ), or Other ( )

Functional Classification: **SR 120/Old Milton Parkway- Urban Principal Arterial**
North Point Parkway- Urban Local Street

U. S. Route Number(s): N/A **State Route Number(s):** SR 120

Traffic (AADT):
SR 120:
Current Year: (2008) 46950 Design Year: (2028) 84790

North Point PKWY:
Current Year: (2008) 2132 Design Year: (2028) 3852

Existing design features:

- Typical Section:
  SR120: On SR 120/Old Milton Pkwy there are currently 6-12 foot travel lanes with 3 lanes in each direction and with a 44 foot grass median. The outer lane of S.R. 120 westbound drops to a right turn only approximately 400 feet before the intersection. Both approaches have dual lefts and S.R. 120 westbound has a right turn lane. Both approaches have 12 shoulders with 30" curb and gutter and sidewalk.

  North Point Parkway: Has 4 – 12 foot travel lanes 2 in each direction, a left turn lane and a 20 foot raised median on both the north and south sides. North Point has 12 foot shoulders with 30" curb and gutter sidewalk on the south side and 12 foot shoulders with 30"curb and gutter (no sidewalk) on the north side.

- Posted speed 45 mph (Old Milton Pkwy/S.R.120)
  40 mph (North Point Pkwy)

- Minimum radius for curve: 4602 ft. (Old Milton Pkwy/S.R.120)
- Minimum radius for curve: 1071 ft. (North Point Parkway)

- Maximum super-elevation rate for curve: 2.08 % (Old Milton Pkwy./SR120)
  6.00 % (North Point Pkwy.)
- Maximum grade Mainline 6.0 %
  Maximum grade Side Street 7.43 %
- Width of right of way: 140 ft (Old Milton Pkwy/S.R. 120)
  120 ft. (North Point Pkwy)
- Major structures: There are parallel bridges on EB and WB lanes of S.R. 120.
- Major interchanges or intersections along the project: NONE
- Existing length of roadway segment and the beginning mile logs for each county segment. The project includes approximately 1650 ft. of S.R. 120/ Old Milton PKWY (from mile marker 9.95 to 10.26) and approximately 951 ft. of North Point PKWY. (from mile marker 1.22 to 1.39)

Proposed Design Features:

- Proposed typical section(s):
  S.R. 120 will have 12 foot shoulders with 30" curb and gutter and 5 foot sidewalks, 4-12 foot through lanes (2 in each direction), 2-12 foot left turn lanes and a 12 foot right turn lane, a 44 grass median.

  North Point Parkway will have 12 foot shoulders with 30" curb and gutter and 5 foot sidewalks, 4-11 foot through lanes(2 in each direction), 2-11 foot left turn lanes and a 11 foot right turn lane, a 20 foot raised median (measure from EP to EP with 24" curb and gutter).

- Proposed Design Speed Mainline 45 mph (Old Milton Parkway/S.R. 120)
- Proposed Design Speed Mainline 40 mph (Old Milton Parkway/S.R. 120)
- Proposed Maximum grade Mainline 6.0 % Maximum grade allowable 6.0%.
- Proposed Maximum grade Side Street 6.8 % Maximum grade allowable 8.0%.
- Proposed Maximum grade driveway 15 %
- Proposed Minimum radius for curve 4062.3 ft. Minimum radius allowable 795 ft.
- Proposed Maximum super-elevation rate for curve: 2.08% (S.R. 120) & 6 % (North Point Parkway)
- Right of way
  - Width 140 ft. (Old Milton PKWY/S.R. 120)
    120 ft. (North Point PKWY.)
  - Easements: Temporary (X), Permanent (X), Utility ( ), Other ( ).
  - Type of access control: Full ( ), Partial ( ), By Permit (X), Other ( ).
  - Number of parcels: 3 Number of displacements: 0
    - Business: _____
    - Residences: _____
    - Mobile homes: _____
    - Other: _____

- Structures:
  - Bridge over Big Creek to be widened 12 feet on each side.
- Major intersections and interchanges.
- Traffic control during construction: Traffic to be maintained during construction.
- Design Exceptions to controlling criteria anticipated:

	UNDETERMINED	YES	NO
HORIZONTAL ALIGNMENT:	( )	( )	(X)
ROADWAY WIDTH:	( )	( )	(X)
SHOULDER WIDTH:	( )	( )	(X)
VERTICAL GRADES:	( )	( )	(X)
CROSS SLOPES:	( )	( )	(X)
STOPPING SIGHT DISTANCE:	( )	( )	(X)
SUPERELEVATION RATES:	( )	( )	(X)
HORIZONTAL CLEARANCE:	( )	( )	(X)
SPEED DESIGN:	( )	( )	(X)
VERTICAL CLEARANCE:	( )	( )	(X)
BRIDGE WIDTH:	( )	( )	(X)
BRIDGE STRUCTURAL CAPACITY:	( )	( )	(X)

- Design Variances: 6 Foot Raised Median, 11' lanes
- Environmental concerns: Section 404
- Level of environmental analysis:
  - Are Time Savings Procedures appropriate? Yes (X), No ( ),
  - Categorical exclusion (X),
  - Environmental Assessment/Finding of No Significant Impact (FONSI) ( ), or
  - Environmental Impact Statement (EIS) ( ).
- Utility involvements: Power, Gas, Water, Sewer, Phone, Cable TV

Project responsibilities:

- Design, GDOT
- Right of Way Acquisition, GDOT
- Relocation of Utilities, GDOT
- Letting to contract, GDOT
- Supervision of construction, GDOT
- Providing material pits, Contractor

Coordination

- Initial Concept Meeting held October 13, 2006.
- Concept Meeting December 6, 2006.
- Public involvement.
- Other projects in the area. None.
- Other coordination to date.
- V.E STUDY REQUIRED: NO.

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process: 6 Months.
- Time to complete preliminary construction plans: 6 Months.
- Time to complete right of way plans: 3 Months.
- Time to complete the Section 404 Permit: 4 Months.
- Time to complete final construction plans: 12 Months.
- Time to complete to purchase right of way: 9 Months.

Other alternates considered: 1) Widening the bridge on one side to accommodate a longer right turn lane and leave the dual left on the westbound approach on SR 120 as it is currently configured.
2) Widening the bridge on one side to accommodate a longer left turn lane and leave the right turn lane on the westbound approach as it is currently configured.
3) Widen the bridge 12 feet on both sides to accommodate a longer left and right turn lane on the westbound approach on SR 120.

Comments: Alternatives 1 & 2 both offer the benefit of cost savings to this project. But because of the enormous projected growth in traffic neither are suitable solutions. Currently right turners on this approach have been observed using the shoulder to bypass stacking though traffic and access the right turn lane. Vehicles waiting to access the dual left on this approach block through traffic and create a safety hazards as through traffic attempts to maneuver around them. Alternative 3 was selected because it was the only alternative that will effectively improve the safety of this intersection.

Attachments:

1. Minutes of Initial Concept and Concept Meetings
2. Cost Estimates:
    a. Construction including E&C,
    b. Right of Way, and
    c. Utilities.
3. Bridge Inventory
4. Typical Sections
5. Location and Design Notice

INITIAL CONCEPT TEAM MEETING

October 13, 2006

SR120/Old Milton Pkwy. @ North Point Pkwy.
P.I. No. 0008295
Fulton County

An initial concept team meeting was held at the GDOT District 7 Office Conference Room to discuss the referenced project. The following persons were in attendance:

Kevin Cowan, Jr.	GDOT – District 7
Scott Lee	GDOT – District 7
Ted Crabtree	GDOT – District 7
Harry Graham	GDOT – District 7
Afania Stewart	GDOT – District 7
Edlin Regis	GDOT – District 7
Clyde Cunningham	GDOT – Utilities
Alex Laffey	GDOT – District 7

Project CSSFT-0008-00(295) is a bridge widening and intersection improvement project in Fulton County at the S.R. 120/ Old Milton PKWY. and North Point PKWY. intersection. The project includes approximately 1700 ft. of S.R. 120/ Old Milton PKWY (from mile marker 9.92 to 10.25) and approximately 1300 ft. of North Point PKWY. (from mile marker 1.03 to 1.27)

1. Kevin Cowan gave an overview of the project.
2. Harry Graham Question would the short WB Left Turn Lane be long enough to reduce the congestion. Stated that same direction turn lanes with substantially different lengths as this one tend to cause delays.
3. The large oak tree in the NE corner of the intersection is to be preserved. Therefore, the sidewalk will go around the back of tree.
4. Harry Graham asked about the width of the proposed median on North Point which will be 6' from EP to EP with 24" C&G.
5. Harry Graham asked about the improvement in LOS. Ted Crabtree indicated that based on preliminary traffic data all 4 legs show improvement in LOS.

This is GDOT's understanding of events that occurred at this meeting. If there are any changes, corrections, or additions required please contact Kevin Cowan at 404-463-4947 or mailto: kevin.cowan@dot.state.ga.us

CONCEPT TEAM MEETING

December 6, 2006
1:30-3:30 p.m.
SR120/Old Milton Pkwy. @ North Point Pkwy.
P.I. No. 0008295
Fulton County

A concept team meeting was held at the GDOT District 7 Office Conference Room to discuss the referenced project. The following persons were in attendance:

Kevin Cowan, Jr.	GDOT – District 7
Mike Lobdell	GDOT – District 7
Scott Lee	GDOT – District 7
Ted Crabtree	GDOT – District 7
Harry Graham	GDOT – District 7
Edlin Regis	GDOT - District 7
Clyde Cunningham	GDOT – D7- Utilities
Terry McCollister	GDOT - Right of Way (for Jerry Milligan)
Zanda Montgomery	GDOT - D7 Environmental
Steve Walker	GDOT - D7 Planning
Brian Summers	GDOT - Engineering Services
Eric Graves	Alpharetta

Project CSSFT-0008-00(295) is a bridge widening and intersection improvement project in Fulton County at the S.R. 120/ Old Milton PKWY. and North Point PKWY. intersection. The project includes approximately 1700 ft. of S.R. 120/ Old Milton PKWY (from mile marker 9.92 to 10.25) and approximately 1300 ft. of North Point PKWY. (from mile marker 1.03 to 1.27)

6. Kevin Cowan gave an overview of the project.
7. Jeff Woodward asked about the volume of Right Turns for southbound traffic on North Point Parkway. Chris Woods pointed out that he lives in the area and that right turns in the evenings is significant. Ted Crabtree pointed out that the traffic counts from OEL show 325 right turns per peak hour in the evenings.
8. Chris Woods asked about removal of the video detection for red light violators as a way to reduce accidents. Eric Graves with the City of Alpharetta said that the City was planning a study to investigate how the addition of these systems impacts accident totals. Harry Graham volunteered to study the issue as well.
9. Ted asked if north side widening of the bridge could be reduced to 6 feet as a means to keep costs down. This would require replacing a 12 foot shoulder on the bridge with a 6 foot shoulder.
10. Ted proposed a substandard shoulder in the northeast corner of the intersection as a means to fit sidewalk between a tree well / retaining wall and the back of curb. After

much discussion on the matter it was decided that a substandard shoulder was the best option. Also considered was a pedestrian bridge behind the tree.

11. All agreed that large Oak tree in N. East corner is to be preserved.
12. Ted revealed that a design exception was needed for a vertical curve.
13. Changes to concept report include:
    i. Add north arrow to location sketch. (Scott Lee)
    ii. ADT design period and data needs to be updated. (Scott Lee)
    iii. 3 ROW parcels instead of 4. (Terry McCollister)
    iv. Change Environmental time of completion 6 months. (Zanda Montgomery)
    v. Change ROW time to purchase 9 months. (Terry McCollister)
    vi. Remove inflation from cost estimate.(Brian Summers)
    vii. Add loops and any other signal data, thermoplastic for striping crosswalks. (Harry Graham)
14. Kevin brought up that the SB Right turn lane on N. Point with sidewalk and grass strip will adversely impact the decorative wall. Ted suggested that right turn lane 50 ft. storage be removed and the turn lane just slant behind Utility Island.

This is GDOT's understanding of events that occurred at this meeting. If there are any changes, corrections, or additions required please contact Kevin Cowan or Ted Crabtree at 404-463-4947 or mailto: kevin.cowan@dot.state.ga.us

Estimate Report for file "0008295"

Section Erosion Control

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	1	AC	562.04	TEMPORARY GRASSING	562.04
163-0240	6	TN	301.08	MULCH	1806.48
163-0300	1	EA	2863.84	CONSTRUCTION EXIT	2863.84
163-0530	30	LF	4.66	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	139.80
163-0550	2	EA	301.53	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	603.06
165-0010	2050	LF	1.71	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	3505.50
165-0030	575	LF	2.18	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	1253.50
165-0070	16	LF	2.36	MAINTENANCE OF BALED STRAW EROSION CHECK	37.76
165-0101	1	EA	677.10	MAINTENANCE OF CONSTRUCTION EXIT	677.10
171-0010	4100	LF	2.87	TEMPORARY SILT FENCE, TYPE A	11767.00
171-0030	1150	LF	3.96	TEMPORARY SILT FENCE, TYPE C	4554.00
318-3000	400	TN	27.33	AGGR SURF CRS	10932.00
700-6910	2	AC	971.51	PERMANENT GRASSING	1943.02
700-7010	3	GL	19.30	LIQUID LIME	57.90
				Section Sub Total:	**$40,703.00**

Section Signing and Marking

Item Number	Quantity	Units	Unit Price	Item Description	Cost
653-0120	30	EA	79.15	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	2374.50
653-1501	6774	LF	1.01	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	6841.74
653-1502	3732	LF	0.99	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	3694.68
653-1804	670	LF	2.30	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	1541.00
653-3501	6374	GLF	0.74	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	4716.76
654-1003	262	EA	4.39	RAISED PVMT MARKERS TP 3	1150.18
				Section Sub Total:	**$20,318.86**

Section Roadway Items

Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	100000.00	TRAFFIC CONTROL - CSSFT-0008-00(295)	100000.00
210-0100	1	LS	200000.00	GRADING COMPLETE - CSSFT-0008-00(295)	200000.00
310-1101	134	TN	27.33	GR AGGR BASE CRS, INCL MATL	3662.22
402-3112	304	TN	90.00	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	27360.00
402-3121	608	TN	90.00	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	54720.00
402-3130	1637	TN	90.00	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	147330.00
441-0104	718	SY	66.88	CONC SIDEWALK, 4 IN	48019.84
441-0748	1034	SY	92.82	CONCRETE MEDIAN, 6 IN	95975.88
441-6022	1320	LF	33.72	CONC CURB & GUTTER, 6 IN X 30 IN, TP 2	44510.40
441-6720	2070	LF	28.11	CONC CURB & GUTTER, 6 IN X 30 IN, TP 7	58187.70
500-9999	230	CY	137.55	CLASS B CONC, BASE OR PVMT WIDENING	31636.50
550-1180	600	LF	40.83	STORM DRAIN PIPE, 18 IN, H 1-10	24498.00
647-1000	1	LS	20000.00	TRAFFIC SIGNAL INSTALLATION NO - CSSFT-0008-00(295)	20000.00
668-1100	2	EA	2317.62	CATCH BASIN, GP 1	4635.24
				Section Sub Total:	**$860,535.78**

Section BRIDGE

Item Number	Quantity	Units	Unit Price	Item Description	Cost
433-1000	160	SY	143.76	REINF CONC APPROACH SLAB	23001.60
999-9999	4560	SF	125.00	CONCRETE BRIDGE	570000.00
				Section Sub Total:	**$593,001.60**

Total Estimated Cost: $1,514,559.24

Subtotal Construction Cost	**$1,514,559.24**
E&C Rate 10.0 %	$151,455.92
Inflation Rate 5 % @ 2.0 Years	$170,766.55

Total Construction Cost	**$1,836,781.72**
Right Of Way	$100,000.00
Reimb. Utilities	$20,000.00
Grand Total Project Cost	**$1,956,781.72**

Bridge Inventory Data Listing
Georgia Department of Transportation

[illegible]

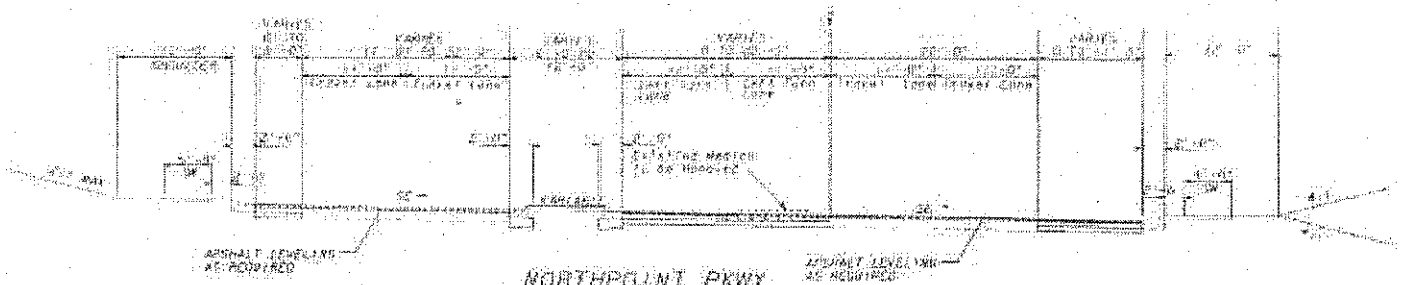
[illegible]	[illegible]	Highway System	[illegible]	**Signs & Attachments**	
[illegible]	[illegible]	Functional Classification	14	Expansion Joint Type	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Deck Drains	[illegible]
[illegible]	[illegible]	Federal Lands Highway	[illegible]	Parapet Location	[illegible]
[illegible]	[illegible]	Truck Route	[illegible]	Height	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Width	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Curb Height	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Curb Material	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Handrail	[illegible]
[illegible]	[illegible]	Toll	[illegible]	Median Barrier Rail	[illegible]
[illegible]	[illegible]	Maintenance	[illegible]	Bridge Median Height	[illegible]
[illegible]	[illegible]	Owner	[illegible]	Bridge Median Width	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Guardrail Loc. Dir. Rear	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Fwd	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Oppo. Dir. Rear	[illegible]
[illegible]	[illegible]	Year Constructed	[illegible]	Oppo. Fwd	[illegible]
[illegible]	[illegible]	Year Reconstructed	[illegible]	Approach Slab	[illegible]
[illegible]	[illegible]	Bridge Median	[illegible]	Retaining Wall	[illegible]
[illegible]	[illegible]	Skew	[illegible]	Posted Speed Limit	[illegible]
[illegible]	[illegible]	Structure Flared	[illegible]	Warning Signs	[illegible]
[illegible]	[illegible]	Navigation Control	[illegible]	Delineator	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Hazard Boards	[illegible]
[illegible]	[illegible]	Type of Service	[illegible]	Utilities - Gas	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Electric	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Telephone	[illegible]
[illegible]	[illegible]	Type Bridge	[illegible]	Sewer	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Lighting - Street	[illegible]
[illegible]	[illegible]	Structure Type Main	[illegible]	Navigation	[illegible]
[illegible]	[illegible]	No. Spans Main	[illegible]	Aerial	[illegible]
[illegible]	[illegible]	Structure Type Appr	[illegible]	County Continuity No	[illegible]
[illegible]	[illegible]	No. Spans Appr	[illegible]		
		[illegible]	[illegible]		
		[illegible]	[illegible]		
		Deck Structure Type	[illegible]		
[illegible]	[illegible]	Wearing Surface Type	[illegible]		
		Membrane Type	[illegible]		
		Deck Protection	[illegible]		

Measurements

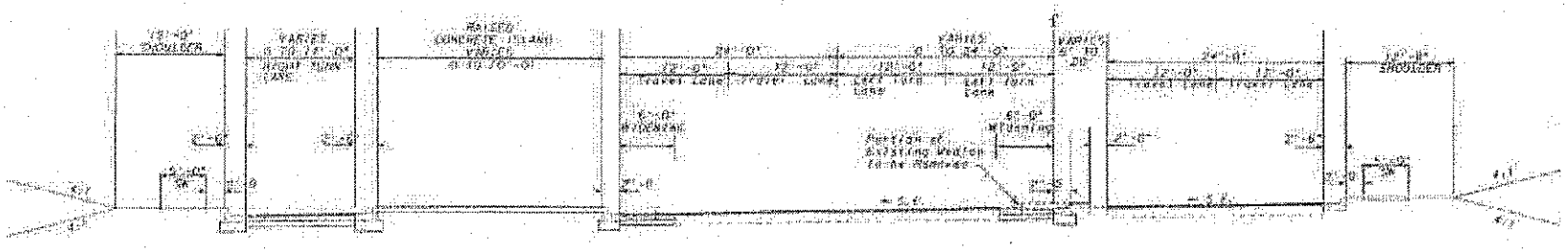
27 ADT	6153[8] Year 2004
109 Lanes	3
28 Lanes On	3[9] Type (6)
29 Lanes On	3[10] Code (9)
48 Max Span Length	0[11]
49 Structure Length	0[12]
50 Curb/Sidewalk Width	0[13]/0[14]
32 Approach Roadway Width	0[15]
51 Bridge Rail Width	
Rail 1	2[16] Type 2 Rt: 1[17]
Rail 2	2[18] Type 2 Rt: 1[19]
34 Median Width	
Rail	2[20] Type: 2
	2[21] Type: 2
Interchange Rail	1 Type: 0
36 Safety Features Rt. Rail	1
Transition	1
App. Gr. Rail	1
App. Rail End	1
37 Minimum VI Clear	99.99
Under	N/A[22]
228 Minimum Vertical Cl.	
Act Under Str	99.99
Signs Over	99.99
Permit Over Str	99.99
Other Str	99.99
53 Lateral Underclr. R	N 99.9
54 Lateral Underclr. L	0.0
10 Min. Min Vert Cl	99.99 Thru 8
69 Nav. Vert Cl	999 Horiz 0000
116 Nav. Vert Cl Closed	000
39 Nav. Horizontal Main	0.00
Nav. Horiz. Approach	0.00
38 Bridge Traffic Lanes	2.00
212 Year Last Painted	Sept 0000 Sate 1999

Ratings

65 Inventory Rating Method	7
66 Operating Rating Method	7
70 Inventory Type	1 Rating 99
64 Operating Type	1 Rating 99
253 Calculated Loads	
HS Modified	2[23]
HS-Modified	2[24]
Type 3	2[25]
Type 3S2	2[26]
Trailer	0[27]
Piggyback	0[28]
263 HS Inventory Rating	28
262 HS Operating Rating	37
67 Structural Evaluation	7
58 Deck Condition	7
59 Superstructure Condition	7
2[29] Corrosion Damage	0
60A Substructure Condition	7
60B Scour Condition	9
60C Underwater Condition	8
71 Waterway Adequacy	9
113 Channel Protection Cond	7
168 Open Crossings	9
69 Under/In Flow/Over	N
72 Appr Alignment	8
41 Closure	A
Posting Data	
70 Bridge Posting Required	5
41 Street Open, Posted, Cl	A
*163 Temporary Structure	0
122 Paved Deck	
H-Modified	0
HS-Modified	0
Type 3	0
Type 3-2	0
Trailer	0
Piggyback	0
29 Structure Acc Date	5[30]/[31]
256 Fed Stmtly Date	5[32]/[33]



NORTHPOINT PKWY.
(NB)



NORTHPOINT PKWY.
(SB)

GEORGIA
DEPARTMENT
OF
TRANSPORTATION

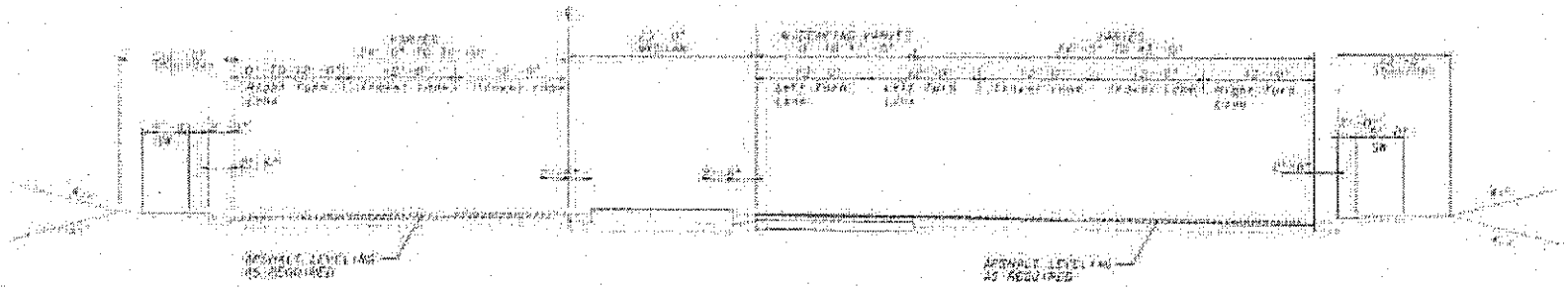
REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: DISTRICT 7 PRECONSTRUCTION

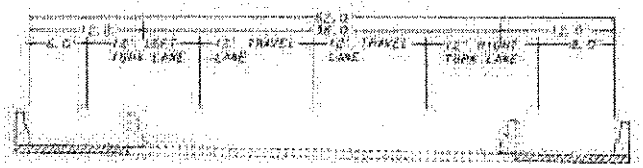
TYPICAL SECTIONS

PI #: 0006595
NORTH POINT PKWY @ SR 120

SHEET NO. 5-01



OLD MILTON PKWY. / SR 120
(EB)



BRIDGE OVER BIG CREEK
(WB)

GEORGIA
DEPARTMENT
OF
TRANSPORTATION

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: DISTRICT 7 RECONSTRUCTION

TYPICAL SECTIONS

PI#: 0010095
NORTH POINT PKWY. @ SR 120

5-02

NOTICE OF LOCATION AND DESIGN APPROVAL

CSSFT-0008-00(295), Fulton County

PI# 0008295

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

The date of location approval is JUNE 21, 2007

Project CSSFT-0008-00(295) is a bridge widening and intersection improvement project in Fulton County at the S.R. 120/ Old Milton PKWY. and North Point PKWY. intersection. The project includes approximately 1650 ft. of S.R. 120/ Old Milton PKWY (from mile marker 9.95 to 10.26) and approximately 900 ft. of North Point PKWY. (from mile marker 1.22 to 1.39)

To improve the safety and operational efficiency of this intersection, turning lanes on both routes will be added and/or extended. Both lanes of an existing dual left on S.R. 120 eastbound will be extended. On the westbound approach, the outside lane of an existing dual left and a right turn lane on S.R. 120 westbound will be extended. An existing bridge on the westbound approach approximately 450 ft east of the intersection will be widened by 24 feet (12 feet on each side) to accommodate the longer left turn lane and right turn lane. The existing bridge (Structure ID 121-0077-0) to be widened has a sufficiency rating of 96.61. Improvements to both approaches on North Point PKWY include, the road being widened to accommodate a right turn lane and reducing the existing raised median and symmetrical widening of the road to add a second left turn lane while extending the lanes.

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:

Jeff Woodward, Area Two Engineer
E-mail: jeff.woodward@dot.state.ga.us
862 Barnes Mill Rd.
Marietta,Georgia 30062
Phone: (770) 528-5506

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:

Michael Lobdell, P.E., Preconstruction Engineer
Georgia Department of Transportation- District 7
5025 New Peachtree Rd.
Chamblee, Georgia 30341
E-mail: mike.lobdell@dot.state.ga.us
Phone: (404)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.