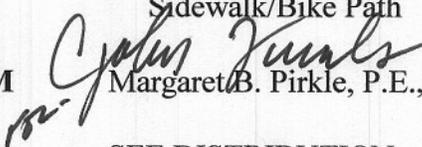


D.O.T. 66

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0007096, Fulton County **OFFICE** Preconstruction
CSCMQ-0007-00(096)
Buffington Road Widening and Multi-Use
Sidewalk/Bike Path **DATE** December 19, 2005

FROM  Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT APPROVED PROJECT CONCEPT REPORT

Attached for your files is the approval for subject project.

MBP/cj

Attachment

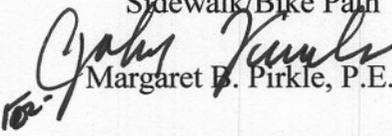
DISTRIBUTION:

Brian Summers
Harvey Keepler
Ken Thompson
Jamie Simpson
Michael Henry
Keith Golden
Joe Palladi (file copy)
Paul Liles
Babs Abubakari
Bryant Poole
BOARD MEMBER

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. 0007096, Fulton County **OFFICE** Preconstruction
 CSCMQ-0007-00(096)
 Buffington Road Widening and Multi-Use
 Sidewalk/Bike Path **DATE** December 12, 2005

FROM  Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

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

SUBJECT PROJECT CONCEPT REPORT

This project is the widening and reconstruction of Buffington Road and the addition of sidewalk and a multi-use trail. The project will extend from I-85 to Roosevelt Highway/SR 14 for a total of 1.84 miles. The project also includes the addition of turn lanes at several intersections. Currently, Buffington Road consists of two, 10' lanes with rural shoulders on a variable 50' to 80' of existing right-of-way. The proposed sidewalk and multi-use trail will reduce vehicle trips, provide linkage to MARTA and offer a recreational facility for bicyclists and pedestrians.

The proposed construction will widen Buffington Road to 12' lanes in each direction with curb and gutter and sidewalk on the east side and a multi-use sidewalk/bike path on the west side. Also included in this project is the addition of turn lanes at several intersections including the commercial driveways located at the Vulcan Plant and the Coca-Cola Plant, at the SR 14 Spur ramps and Roosevelt Highway/SR 14 and signal modifications along Buffington Road at Sable Run Road, Naturally Fresh Boulevard, and Roosevelt Highway/SR 14. Traffic will be maintained during construction via staging.

Environmental concerns include requiring a Categorical Exclusion be prepared; a public hearing is not required; time saving procedures are appropriate.

This project consists of two funding sources. The CMAQ funding source will be used to pay for the construction of sidewalks and multi-use trails, curb and gutter, drainage and driveway improvements. The second source of funding is Fulton County, which will be responsible for the pavement work required for the overlay and leveling improvements.

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>FUNDING</u>	<u>PROG DATE</u>
Construction (includes E&C and inflation)	\$2,393,000	\$1,828,000	2007	L400
Right-of-Way & Utilities*	Local	Local		

David Studstill

Page 2

P. I. No. 0007096, Fulton
December 12, 2005

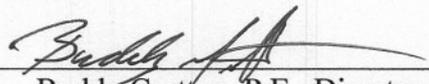
*Fulton County will be responsible for PE, right-of-way, utilities and \$147,000 of the construction costs.

I recommend this project concept be approved.

MBP:JDQ/cj

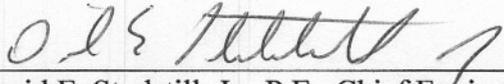
Attachment

CONCUR



Buddy Gratton, P.E., Director of Preconstruction

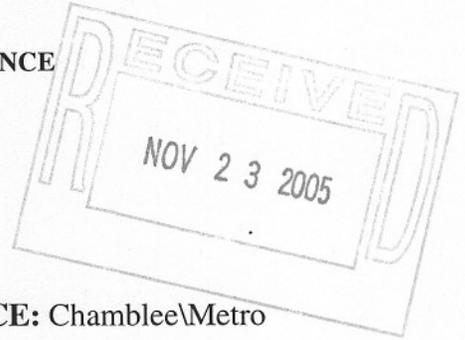
APPROVE



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

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE



FILE: CSCMQ-0007-00(096)
Fulton County
Buffington Road from ~~1-85~~ *4-85*
to US 29/Roosevelt
P.I. # 0001~~385~~ *7096*

ADAM BULLOCK
11/23/05

OFFICE: Chamblee\Metro

DATE: November 21, 2005

FROM: Bryant Poole, District Engineer

TO: Meg Pirkle, Assistant Director of Preconstruction

SUBJECT: *PROJECT CONCEPT REPORT*

Attached is the original copy of the concept report for your further handling for approval in accordance with the PDP.

If you have any questions in regards to this concept, please contact Lowell James or Gerald Ford at (404) 463-4947.

BPMAL\loj

cc: Joe Palladi
Harvey Keepler
Keith Golden
Brian Summers
Jamie Simpson
File

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
District Seven Preconstruction

PROJECT CONCEPT REPORT

PROJECT NUMBER: CSCMQ-0007-00(096)
P.I. NO.: 0007096
COUNTY: Fulton

FEDERAL ROUTE NO: N/A
STATE ROUTE NO: N/A
COUNTY ROUTE: 1385

Buffington Road from I-85 to US 29/Roosevelt Highway

See Page 2 for Location Sketch

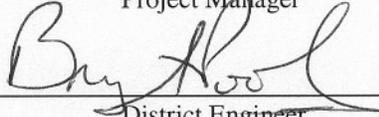
Recommendation for approval:

DATE 11/18/05



Project Manager

DATE 11/18/05



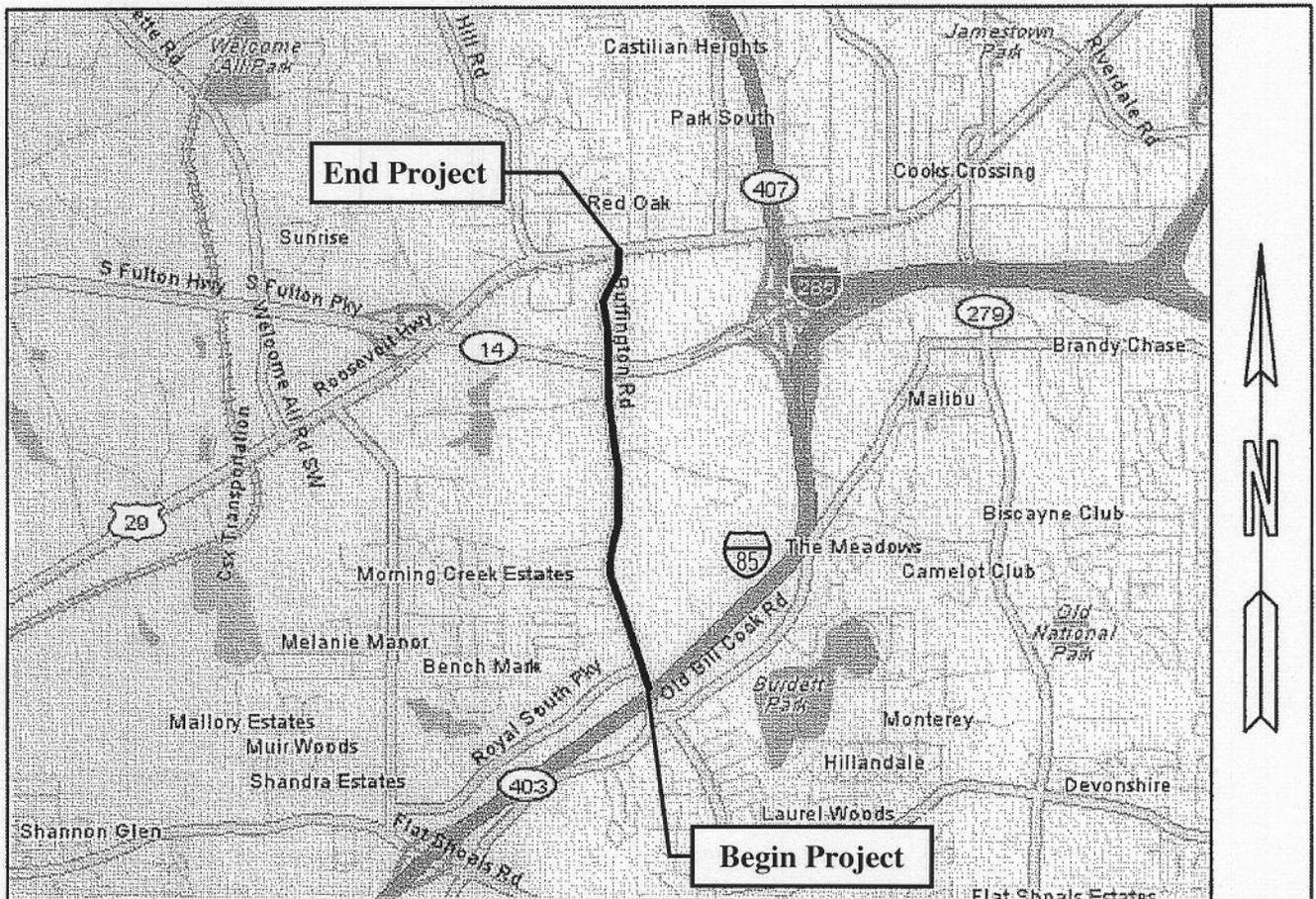
District Engineer

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

_____ DATE	_____ State Transportation Planning Administrator
_____ DATE	_____ State Transportation Financial Management Administrator
_____ DATE	_____ State Environmental / Location Engineer
_____ DATE	_____ State Traffic Safety & Design Engineer
_____ DATE	_____ Project Review Engineer

PROJECT LOCATION MAP

Project: CSCMQ-0007-00(096) Fulton County **PI Number:** 0007096
Project Description: Buffington Road from I-85 to US 29/Roosevelt Highway



Project Concept Report
Project Number: CSCMQ-0007-00(096)
P.I. Number 0007096
County: Fulton

Need and Purpose: This project consists of 1.84 miles of roadway improvements to Buffington Road with a 9' sidewalk on the west side and a 5' sidewalk on the east side between Royalsouth Parkway and Roosevelt Highway/SR 14. Buffington Road lies entirely within Fulton County and serves residential and commercial developments intermittently along the corridor. Buffington Road is a designated truck route.

The project consists of two funding sources. The first funding source is CMAQ and this portion of the project is to be included in the CMAQ Congestion Mitigation/Air Quality Program. The CMAQ funding source will be used to pay for the construction of the sidewalk, curb and gutter, drainage, and driveway improvements and the addition of turn-lanes and traffic signal modifications. The second funding source is Fulton County and it will include the roadway pavement work to fix the superelevation and widening to 12' travel lanes.

Need and Purpose of the CMAQ Portion:

The purpose of the CMAQ portion of this project is to reduce vehicle trips by providing linkage to MARTA for the residential developments. There are MARTA bus stops located along Buffington Road at Royalsouth Parkway, Sable Chase Lane, Sable Run Road, Estes Road, Naturally Fresh Boulevard, and on Roosevelt Highway at Buffington Road. The CMAQ portion of this project consists of utilizing the existing horizontal alignment and two-lane roadway section of Buffington Road. The proposed improvements include the addition of curb and gutter, a 5' sidewalk on the east side, and a 9' sidewalk on the west side. The addition of curb and gutter sidewalk will greatly improve pedestrian mobility and safety by creating a barrier and distance between pedestrians and vehicles. Also included in the CMAQ portion of this project is the addition of turn-lanes at several intersections including the commercial driveways located at the Vulcan Plant and the Coca-Cola Plant, at the SR 14 Spur Ramps and Roosevelt Highway/SR 14, and signal modifications along Buffington Road at Sable Run Road, Naturally Fresh Boulevard and Roosevelt Highway/SR 14. These roadway improvements will improve the air quality by reducing the amount of idle time for vehicles.

Need and Purpose of the County Portion

The purpose of the County portion of this project is to overlay the existing pavement on Buffington Road, and widen the existing travel lanes to a width of twelve feet. Also included is the leveling to correct the roadway cross-slope to allow for adequate pavement drainage with the addition of curb and gutter.

This project is identified in the current Transportation Improvement Plan (TIP) of the Atlanta Regional Commission (ARC). Other transportation projects in the vicinity include the Buffington Road Sidewalk Project from Flat Shoals Road to I-85, the Flat Shoals Widening Project, the Roosevelt Highway Bike Lane Project, the I-85 HOV Construction Project, and the Morningside Creek Bridge Replacement Project.

Description of the proposed project: This project consists of 1.84 miles of construction of sidewalk along both sides of Buffington Road between Royalsouth Parkway and Roosevelt Highway. Buffington

Project Concept Report
 Project Number: CSCMQ-0007-00(096)
 P.I. Number 0007096
 County: Fulton

Road is currently a two-lane road with turn-lanes and a 45-mph speed limit. Buffington Road lies entirely within Fulton County and serves residential and commercial developments intermittently along its 3-mile corridor.

This project consists of two funding sources. The first funding source is CMAQ and this portion of the project is to be included in the CMAQ Congestion Mitigation/Air Quality Program. The CMAQ funding source will be used to pay for the construction of sidewalk, curb & gutter, drainage, driveway, intersection, and railroad crossing improvements. The second source of funding is Fulton County which will include all the pavement work required for the overlay and leveling improvements.

Description of the CMAQ Portion: The CMAQ funding portion of the project consists of utilizing the existing horizontal alignment and two-lane roadway section of Buffington Road. The proposed improvements include the addition of 30" curb & gutter, and a 10.5' shoulder with a 5' sidewalk and 2' grass strip on the east side of Buffington Road and a 15.5' shoulder with a 9' sidewalk and 2' grass strip on the west side. Also, included is the construction of drainage to accommodate the curb & gutter that will be added to Buffington Road. There are numerous driveways along Buffington Road that will be reconstructed as part of the CMAQ portion of this project.

Also included in the CMAQ funding portion of the project is the upgrade of the railroad crossing located near the intersection of Roosevelt Highway. The upgraded is needed because of the addition of sidewalk and turn-lanes at the intersection of Buffington Road and Roosevelt Highway. Another item included in the CMAQ portion is the addition of turn-lanes at the Vulcan Plant, the Coca-Cola Plant, the SR 14 Spur ramps, and Roosevelt Highway/SR 14, and the signal modifications on Buffington Road at Sable Run Road, Naturally Fresh Boulevard and Roosevelt Highway/SR 14. Below is a table showing the addition of turn-lanes along Buffington Road.

Turn-Lanes Located along Buffington Road

Location	Existing NB Lanes	Proposed NB Lanes	Existing SB Lanes	Proposed SB Lanes
Miller Property (Vulcan Plant) Driveway	Right Turn-Lane	Right Turn-Lane	None	Left Turn-Lane
Southern Coca-Cola Driveway	Right Turn-Lane	Right Turn-Lane	None	Left Turn-Lane
SR 14 Spur On-Ramp	None	Right Turn-Lane	None	None
Roosevelt Highway	None	Left Turn-Lane Right Turn-Lane	N/A	N/A

Description of the Fulton County Portion: The County funded portion of the project consists of the pavement overlay and leveling to fix the superelevation and roadway cross-slope and the widening of the existing travel-lanes to a width of 12'.

The proposed project will improve the safety and functional operation of the corridor. The addition of the sidewalk will greatly improve pedestrian mobility while adding the safety and separation afforded by

Project Concept Report
Project Number: CSCMQ-0007-00(096)
P.I. Number 0007096
County: Fulton

the curb and gutter. Also, this project will improve the air quality by reducing the amount of vehicle idle time.

Relation to the Intermodal Transportation System: This project will provide access to the Metropolitan Atlanta Rapid Transit Authority (MARTA). The proposed sidewalk will provide residents with access to MARTA bus routes located on Buffington Road at Royal South Parkway, Sable Chase Lane, Sable Run Road, Estes Drive, and Naturally Fresh Boulevard. Also, a bus stop is located on Roosevelt Highway/SR14 at Buffington Road.

Is the project located in a Non-attainment area? Yes. This project is a sidewalk improvement project with roadway pavement overlay and leveling to fix the superelevation and roadway cross-slope.

PDP Classification: Exempt

Functional Classification: Minor Arterial

U.S. Route Number(s): N/A

State Route Number(s): N/A

Traffic (AADT): Current Year: (2007) 11,180

Design Year: (2027) 20,200

K = 0.1

Directional Distribution = 55/45

% Trucks = 8%

24 HR % Trucks = 6%

Existing Design Features:

- Typical section: The existing typical section consists of a two-lane roadway with 10' travel lanes and substandard grass shoulders. Several areas have new development with intersection improvements, curb & gutter and sidewalk.
- Posted speed 45 mph
- Maximum grade:
 - Mainline grade: 6.7%
 - Cross roads: 4.9%
 - Driveways: 16%
- Width of right of way: Varies, 50 ft to 80 ft
- Major structures: Buffington Road Bridge over the State Route 14 Spur. The existing bridge is 40 feet wide and 242 feet long
- Major interchanges or intersections along the project:
 - Buffington Road at Roosevelt Highway/SR 14
 - Buffington Road and the CSX Railroad Crossing
- Existing length of roadway segment: 1.84 miles

Proposed Design Features:

- Proposed typical section: The proposed typical section will have two 12' travel lanes while maintaining the existing intersection improvements and adding intersections improvements at the Vulcan Plant, Coca-Cola Plant, SR 14 Spur ramps, and Roosevelt Highway/SR 14. On the west side of Buffington Road, a 15.5' shoulder is proposed with 30" curb and gutter, a 2' grass strip, and a 9' concrete sidewalk. On the east side of Buffington Road, a 10.5' shoulder is proposed with 30" curb and gutter, a 2' grass strip, and a 5' concrete sidewalk.
- Proposed Design Speed Mainline: 45 mph
- Proposed Maximum grade Mainline: 6.7% Maximum grade allowable: 7%
- Proposed Maximum grade Side Street: 5% Maximum grade allowable: 7%
- Proposed Maximum grade driveway: 25%
- Proposed Maximum degree of curve: 7.5° Maximum degree allowable: 7.75°
- Right of way width: Varies, 50 ft to 80 ft
 - Easements: Temporary
 - Type of access control: By Permit
 - Number of parcels: 52

- Number of displacements:
- Business: 0
 - Residences: 0
 - Mobile Homes: 0
 - Other: 0

- Structures:
 - Bridges: The existing Buffington Road Bridge over the State Route 14 Spur will remain in place
 - Retaining walls: None
- Major intersections and interchanges:
 - Buffington Road at Roosevelt Highway/SR 14 – Left and right-turn lanes on Buffington Road will be added
 - Buffington Road and the CSX Railroad Crossing – The crossing will be upgraded due to the addition of turn-lanes and sidewalk
- Traffic control during construction: Traffic will be maintained through staged construction. Traffic control will primarily consist of lane closures for leveling and overlay procedures. Construction will be limited to one side of the roadway at a time.
- Design Exceptions to controlling criteria anticipated:

	<u>UNDETERMINED</u>	<u>YES</u>	<u>NO</u>
HORIZONTAL ALIGNMENT:			X
ROADWAY WIDTH:			X
SHOULDER WITH:			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

Project Concept Report
Project Number: CSCMQ-0007-00(096)
P.I. Number 0007096
County: Fulton

- Design Variances: None
- Environmental concerns: None
- Level of environmental analysis:
 - Are Time Savings Procedures appropriate? Yes
 - Categorical Exclusion
- Utility involvement's: Power, telephone, gas, sewer, CSX Railroad

Project responsibilities:

- Design: Fulton County
- Right of Way Acquisition: Fulton County
- Relocation of Utilities: Fulton County
- Letting to contract: Fulton County
- Supervision of construction: Fulton County

- Providing material pits: Fulton County
- Providing detours: Fulton County

Coordination

- Initial Concept Team Meeting Date – April 22, 2005
- Concept Team Meeting Date – June 1, 2005
- Public Involvement – Public Involvement Meeting held September 30, 1999
- Local Government Comments - None
- Other projects in the area:
 - Buffington Road Sidewalk Project (CM-000-00(675), P.I. 0000675)
 - Flat Shoals Widening Project (STP-9077(5), P.I. 753052)
 - Roosevelt Highway Bike Lane Project
 - Morningside Creek Bridge Replacement (BRSLB 9075-7, P.I. 742976)
 - I-85 HOV Construction
- The Railroad is owned by CSX Railroad. This crossing will be upgraded.

Scheduling - Responsible Parties" Estimate

- Time to complete the environmental process: 9 Months.
- Time to complete preliminary construction plans: 6 Months.
- Time to complete right of way plans: 6 Months.
- Time to complete the Section 404 Permit: N/A
- Time to complete final construction plans: 6 Months.
- Time to complete to purchase right of way: 12 Months.
- List other major items that will affect the project schedule: None known at this time.

Other alternates considered:

1. No Build

Comments: None

Project Concept Report

Project Number: CSCMQ-0007-00(096)

P.I. Number 0007096

County: Fulton

Attachments:

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

NOTICE OF LOCATION AND DESIGN APPROVAL

CSCMQ-0007-00(096)

Fulton County

P. I. NO. 0007096

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 the above project.

The date of location approval is DECEMBER 19, 2005

This project consists of 1.84 miles of roadway improvements to Buffington Road between Royal South Parkway and Roosevelt Highway/SR 14 in Fulton County.

The proposed improvements include the addition of curb and gutter to Buffington Road and a 5-foot sidewalk on the east side, and a 9-foot sidewalk to the west side. Also included are several intersection improvements.

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:

Michael Lankford
michael.lankford@dot.state.ga.us
940 Virginia Avenue
Hapeville, GA 30354
404-559-6655

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
District Preconstruction Engineer
michael.lobdell@dot.state.ga.us
5025 New Peachtree Road
Chamblee, GA 30341
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.

Estimate Report for file "BUFFINGTON CMAQ"

Section ROADWAY ITEMS					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1.00	LS	50000.00	TRAFFIC CONTROL -	50000.0
210-0100	1.00	LS	286000.00	GRADING COMPLETE -	286000.0
232-9021	1.00	EA	250000.00	BOLTED CROSSING INSTALLED	250000.0
310-1101	5790.00	TN	13.82	GR AGGR BASE CRS, INCL MATL	80017.8
318-3000	100.00	TN	15.63	AGGR SURF CRS	1563.0
402-3121	860.00	TN	42.00	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	31321.0
402-3130	1470.00	TN	43.00	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM	54492.0
402-3190	520.00	TN	44.00	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	20389.0
413-1000	850.00	GL	0.96	BITUM TACK COAT	816.0
441-0104	12600.00	SY	22.64	CONC SIDEWALK, 4 IN	285264.0
441-0303	1.00	EA	1441.67	CONC SPILLWAY, TP 3	1441.67
441-4020	500.00	SY	27.73	CONC VALLEY GUTTER, 6 IN	13865.0
441-6222	15800.00	LF	10.93	CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	172694.0
500-3900	3.00	CY	701.48	CLASS B CONCRETE, INCL REINF STEEL	2104.44
500-9999	340.00	CY	134.12	CLASS B CONC, BASE OR PVMT WIDENING	11534.32
550-1180	5900.00	LF	28.02	STORM DRAIN PIPE, 18 IN, H 1-10	165318.0
550-1240	150.00	LF	32.87	STORM DRAIN PIPE, 24 IN, H 1-10	4930.5
550-1360	60.00	LF	50.73	STORM DRAIN PIPE, 36 IN, H 1-10	3043.79
550-2180	90.00	LF	22.87	SIDE DRAIN PIPE, 18 IN, H 1-10	2058.3
550-2300	30.00	LF	33.53	SIDE DRAIN PIPE, 30 IN, H 1-10	1005.90
550-4118	4.00	EA	272.19	FLARED END SECTION 18 IN, SIDE DRAIN	1088.76
550-4130	2.00	EA	460.12	FLARED END SECTION 30 IN, SIDE DRAIN	920.24
550-4218	12.00	EA	403.32	FLARED END SECTION 18 IN, STORM DRAIN	4839.84
550-4224	2.00	EA	474.26	FLARED END SECTION 24 IN, STORM DRAIN	948.52
550-4236	2.00	EA	848.69	FLARED END SECTION 36 IN, STORM DRAIN	1697.38
641-1100	21.00	LF	28.92	GUARDRAIL, TP T	607.32
641-1200	1300.00	LF	11.90	GUARDRAIL, TP W	15470.0
641-5001	7.00	EA	440.34	GUARDRAIL ANCHORAGE, TP 1	3082.37
641-5006	1.00	EA	284.64	GUARDRAIL ANCHORAGE, TP 6	284.64
641-5012	3.00	EA	1424.68	GUARDRAIL ANCHORAGE, TP 12	4274.04
668-1100	46.00	EA	1718.35	CATCH BASIN, GP 1	79044.09
668-2100	3.00	EA	1996.99	DROP INLET, GP 1	5990.97
668-4300	6.00	EA	1734.50	STORM SEWER MANHOLE, TP 1	10407.0
Section Sub Total:					\$1,582,523.22

Section EROSION CONTROL - PERMANENT					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
603-2181	36.00	SY	36.04	STN DUMPED RIP RAP, TP 3, 18 IN	1297.44
603-7000	36.00	SY	3.96	PLASTIC FILTER FABRIC	142.56
700-6910	7.00	AC	766.52	PERMANENT GRASSING	5365.63
700-7000	14.00	TN	56.82	AGRICULTURAL LIME	795.48
700-7010	18.00	GL	19.38	LIQUID LIME	348.84
700-8000	7.00	TN	224.44	FERTILIZER MIXED GRADE	1571.08
700-8100	350.00	LB	1.43	FERTILIZER NITROGEN CONTENT	500.5
716-2000	1000.00	SY	1.12	EROSION CONTROL MATS, SLOPES	1120.0
Section Sub Total:					\$11,141.54

Section EROSION CONTROL - TEMPORARY					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	4.00	AC	462.63	TEMPORARY GRASSING	1850.52
163-0240	225.00	TN	190.18	MULCH	42790.5
163-0503	7.00	EA	451.25	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3	3158.75
163-0530	15000.00	LF	2.36	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	35400.0
163-0550	55.00	EA	177.79	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	9778.44
165-0010	600.00	LF	0.91	MAINTENANCE OF TEMPORARY SILT FENCE, TP	546.0

165-0030	30.00	LF	1.19	A MAINTENANCE OF TEMPORARY SILT FENCE, TP C	35.69
165-0070	7500.00	LF	1.23	MAINTENANCE OF BALED STRAW EROSION CHECK	9225.0
165-0087	7.00	EA	160.99	MAINTENANCE OF SILT CONTROL GATE, TP 3	1126.93
165-0105	55.00	EA	82.00	MAINTENANCE OF INLET SEDIMENT TRAP	4510.0
167-1000	2.00	EA	2166.87	WATER QUALITY MONITORING AND SAMPLING	4333.74
167-1500	12.00	MO	776.63	WATER QUALITY INSPECTIONS	9319.56
171-0010	1200.00	LF	1.76	TEMPORARY SILT FENCE, TYPE A	2112.0
171-0030	60.00	LF	3.06	TEMPORARY SILT FENCE, TYPE C	183.6
Section Sub Total:					\$124,370.75

Section SIGNING & MARKING AND SIGNALS					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1020	170.00	SF	13.15	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	2235.5
636-1031	160.00	SF	17.24	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 6	2758.39
636-2070	630.00	LF	6.71	GALV STEEL POSTS, TP 7	4227.3
647-1000	1.00	LS	70000.00	TRAFFIC SIGNAL INSTALLATION NO -	70000.0
653-0100	2.00	EA	327.77	THERMOPLASTIC PVMT MARKING, RR/HWY CROSSING SYMBOL	655.54
653-0110	2.00	EA	50.74	THERMOPLASTIC PVMT MARKING, ARROW, TP 1	101.48
653-0120	51.00	EA	56.13	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	2862.63
653-1501	18400.00	LF	0.25	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	4600.0
653-1502	18900.00	LF	0.23	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	4347.0
653-1704	610.00	LF	3.18	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	1939.80
653-1804	7200.00	LF	1.47	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	10584.0
653-3501	3100.00	GLF	0.13	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	403.0
653-6004	850.00	SY	2.41	THERMOPLASTIC TRAF STRIPING, WHITE	2048.5
653-6006	1200.00	SY	2.53	THERMOPLASTIC TRAF STRIPING, YELLOW	3035.99
Section Sub Total:					\$109,799.15

Total Estimated Cost: \$1,827,834.66

Subtotal Construction Cost - CMAQ \$1,827,834.66

CSCMQ-0007-00(096) Fulton County
PI No. 0007096
Buffington Road from I-85 to US 29/Roosevelt Highway
Initial Concept Team Meeting Minutes
April 22, 2005

Attendees:

Sylvester Alexander, GDOT
Gerald Ford, GDOT
Scott Gibson, GDOT
James Gordon, GDOT
Zanda Montgomery, GDOT
Marshall Troup, GDOT
Antonio Valenzuela, Fulton County
Ron Morris, PMT
Joe Macrina, Wolverton & Associates
Kerrie Boyette, Wolverton & Associates

On April 22, 2005, the initial concept team meeting for this project was held at the GDOT District Seven Office in the 2nd floor conference room.

Wolverton and Associates provided the project concept report and displays showing the proposed improvements for Buffington Road. Gerald Ford reviewed the concept report with the attendees, and the following changes should be made to the report as agreed upon by the group:

- On the cover, add the county route number 1385.
- On the cover, remove the signature line for the State Bridge and Structural Engineer and add a line for the Office of Financial Management Administrator.
- On the project location map the following changes should be made:
 1. The location map title and project information should be moved to the top of the sheet and a project description should be added.
 2. A north arrow should be added.
 3. The star should be removed from the map.
 4. Buffington Road should be shown with a heavier line weight.
- On the CMAQ portion of the Need and Purpose Statement, there should be a discussion of pedestrian safety and the improvements to air quality.
- On the project description, a discussion of the improvements to the railroad crossing should be added.
- On the description of the CMAQ portion of the project, this should be updated to include the addition of turn-lanes.
- On the proposed design features section, more specific information should be added concerning the shoulders including the proposed widths, sidewalk widths, curb and gutter size and the grass strip.
- On the proposed design features section, more detail should be added concerning what intersection improvements are proposed.
- In the coordination section, the concept meeting date should be added.

- On the typical section sheet, the following changes should be made:
 1. The width of the curb and gutter should be shown.
 2. A typical section should be added for the SR 14 Spur ramp.
 3. For the required pavement section, the spread rate should be shown instead of the pavement thickness.
 4. The superpave mix design level should be shown for each layer of superpave.
- On the Notice of Location and Design Approval, the name of the District Design Engineer should be changed to Michael Lobdell, and the e-mail address should also be updated.

There was a discussion of what improvements can be paid for with CMAQ funding, and Marshall Troup said that all the improvements that are part of the addition of the curb and gutter and sidewalk to Buffington Road will be paid for with CMAQ funding. Also turn-lane improvements can be paid for with CMAQ funding since these improvements reduce the air pollution as a result of decreasing the amount of idle time for vehicles at the intersection. The concept report and cost estimate should be updated to show all turn-lane improvements as being paid for with CMAQ funding instead of Fulton County funding.

There was a discussion of the existing bridge on Buffington Road over SR 14 and its accommodations for pedestrians. GDOT has asked that Fulton County consider upgrading the handrail on the bridge for pedestrians. Wolverton and Associates will provide Fulton County with a cost estimate for the bridge handrail improvements for their consideration since bridges are not eligible for CMAQ funding. Antonio Valenzuela stated that it is not likely that Fulton County will do this improvement because of a lack of funding.

Since Buffington Road is a designated truck route, GDOT had concerns with truck access on Buffington Road and specifically with the roadway vertical profile at the railroad crossing and also with the radii at the sideroad intersections. Since the vertical profile cannot be improved with CMAQ funding and Fulton County lacks the funding for this improvement, the profile will not be altered with this project. Concerning the curb radii, CMAQ funding can only be used if a turn-lane is being added, so Wolverton and Associates will look at increasing the curb radii at these locations only.

A public involvement meeting was held for this project in September 1999, and there was a discussion of whether another should be held. GDOT stated that for a sidewalk project they would not require another public meeting, but Fulton County could hold one if they choose to.

CSCMQ-0007-00(096) Fulton County
PI No. 0007096
Buffington Road from I-85 to US 29/Roosevelt Highway
Concept Team Meeting Minutes
June 1, 2005

Attendees:

Lisa Favors, GDOT
Gerald Ford, GDOT
Michael Lankford, GDOT
Scott Lee, GDOT
Katie Mullins, GDOT
Steve Walker, GDOT
Wade Woodard, GDOT
John Lavelle, Fulton County
Ernest Slaughter, Fulton County
Antonio Valenzuela, Fulton County
Ron Morris, PMT
Joe Macrina, Wolverton & Associates
Kerrie Boyette, Wolverton & Associates

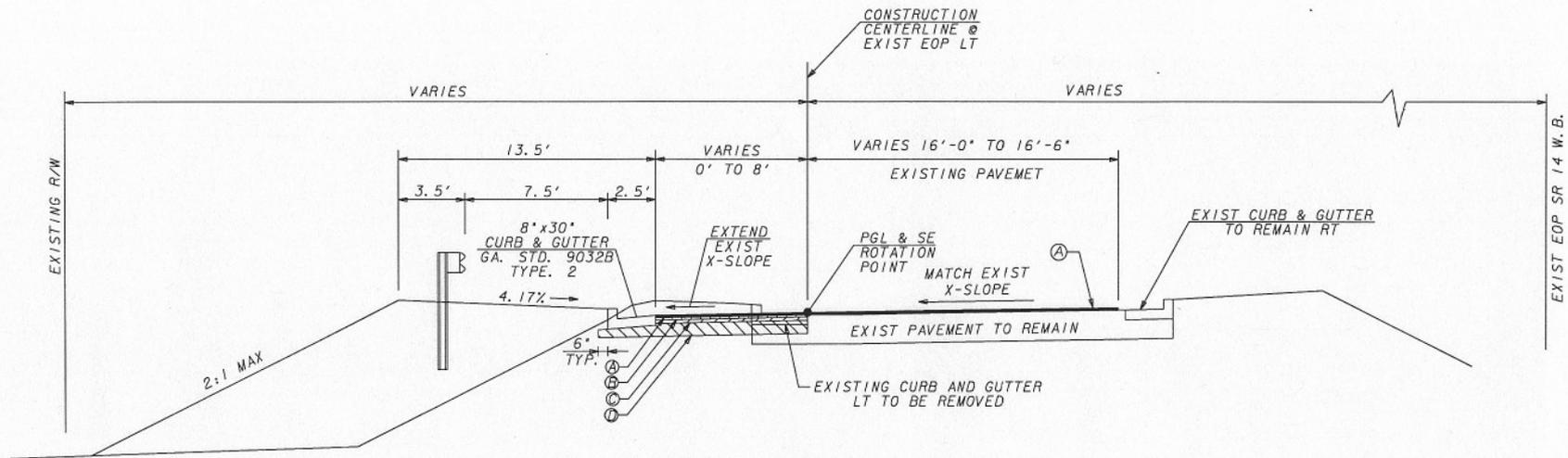
On June 1, 2005, the concept team meeting for this project was held at the GDOT District Seven Office in the 2nd floor conference room.

Wolverton and Associates provided the project concept report and displays showing the proposed improvements for Buffington Road. Kerrie Boyette gave the attendees a brief overview of the project. After discussion by the group, the following changes should be made to the report:

- On the project location map, Buffington Road and the begin and end project labels should be shown with a heavier weight
- More description needs to be added to the concept report detailing exactly what intersection improvements are being made.
- On the traffic data section, all terms should be written out instead of using abbreviations.
- On the Notice of Location and Design Approval, Michael Lobdell's title should be District Preconstruction Engineer.

There was a discussion of what improvements can be paid for with CMAQ funding. During the Initial Concept Team Meeting, Marshall Troup had said that all the improvements that are part of the addition of the curb and gutter and sidewalk to Buffington Road will be paid for with CMAQ funding. Also turn-lane improvements can be paid for with CMAQ funding since these improvements reduce the air pollution as a result of decreasing the amount of idle time for vehicles at the intersection. Scott Lee said that FHWA is now carefully scrutinizing the projects that are utilizing CMAQ funding. Fulton County will need to submit documentation to FHWA that this project will reduce vehicle emissions. GDOT recommended that Fulton County contact Tracy with ARC to obtain a spreadsheet to complete this documentation. Scott Lee was given a

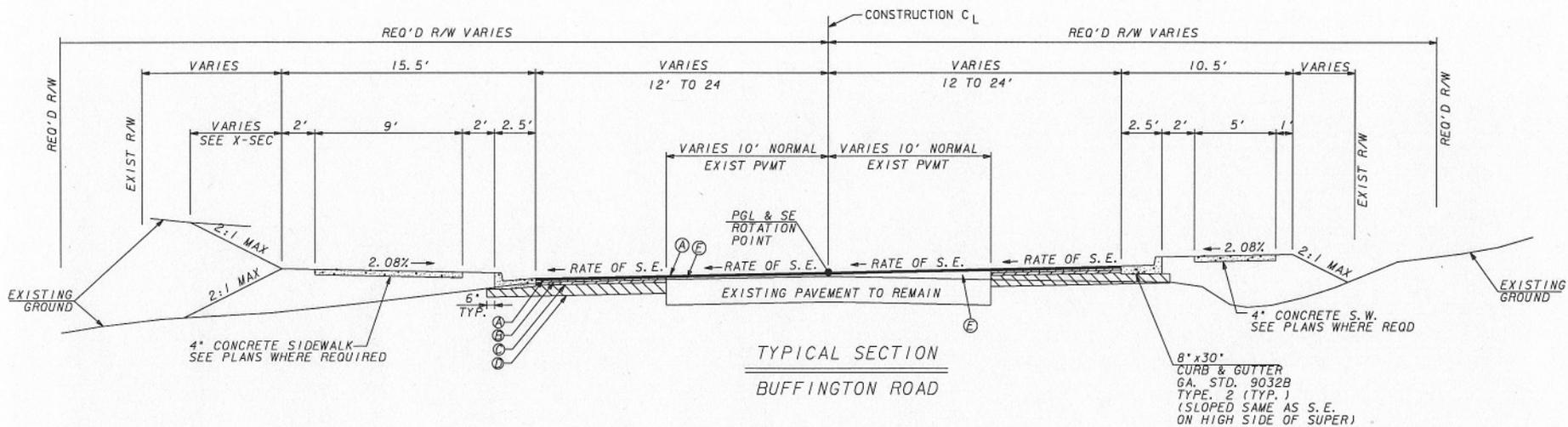
copy of the concept layout, and he will meet with FHWA to determine exactly which improvements they are willing to pay for. The concept report and cost estimate will be updated based on the outcome of the meeting between Scott Lee and FHWA.



TYPICAL SECTION
S. R. 14 EXIT RAMP

REQUIRED PAVEMENT	
(A)	RECYCLED ASPH. CONC. 12.5mm SUPERPAVE - 165 LBS/SY MIX DESIGN LEVEL B
(B)	RECYCLED ASPH. CONC. 19mm SUPERPAVE - 220 LBS/SY MIX DESIGN LEVEL B
(C)	RECYCLED ASPH CONC 25 MM SUPERPAVE - 440 LBS/SY MIX DESIGN LEVEL A
(D)	10" GRADED AGGREGATE BASE
(E)	ASPHALTIC CONCRETE LEVELING - AS REQUIRED

TYPICAL SECTION



TYPICAL SECTION
BUFFINGTON ROAD

REQUIRED PAVEMENT	
(A)	RECYCLED ASPH. CONC. 12.5mm SUPERPAVE - 165 LBS/SY MIX DESIGN LEVEL B
(B)	RECYCLED ASPH. CONC. 19mm SUPERPAVE - 220 LBS/SY MIX DESIGN LEVEL B
(C)	RECYCLED ASPH CONC 25 MM SUPERPAVE - 440 LBS/SY MIX DESIGN LEVEL A
(D)	10" GRADED AGGREGATE BASE
(E)	ASPHALTIC CONCRETE LEVELING - AS REQUIRED

TYPICAL SECTION

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
District Seven Preconstruction

PROJECT CONCEPT REPORT

PROJECT NUMBER: CSCMQ-0007-00(096)
P.I. NO.: 0007096
COUNTY: Fulton

FEDERAL ROUTE NO: N/A
STATE ROUTE NO: N/A
COUNTY ROUTE: 1385

Buffington Road from I-85 to US 29/Roosevelt Highway

See Page 2 for Location Sketch

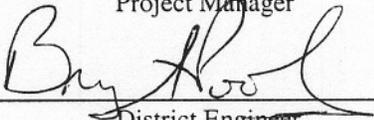
Recommendation for approval:

DATE 11/18/05



Project Manager

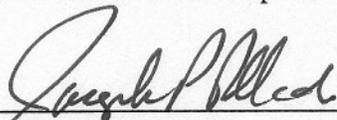
DATE 11/18/05



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/or the State Transportation Improvement Program (STIP).

11/28/05
DATE



State Transportation Planning Administrator

DATE

State Transportation Financial Management Administrator

DATE

State Environmental / Location Engineer

DATE

State Traffic Safety & Design Engineer

DATE

Project Review Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
District Seven Preconstruction

PROJECT CONCEPT REPORT

PROJECT NUMBER: CSCMQ-0007-00(096)
P.I. NO.: 0007096
COUNTY: Fulton

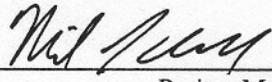
FEDERAL ROUTE NO: N/A
STATE ROUTE NO: N/A
COUNTY ROUTE: 1385

Buffington Road from I-85 to US 29/Roosevelt Highway

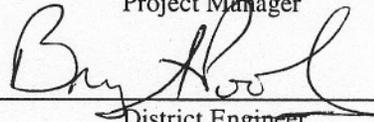
See Page 2 for Location Sketch

Recommendation for approval:

DATE 11/18/05


Project Manager

DATE 11/18/05


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/or the State Transportation Improvement Program (STIP).

DATE

11-22-05

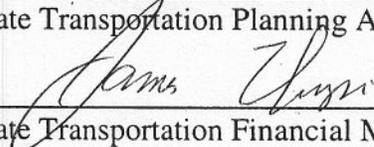
DATE

DATE

DATE

DATE

State Transportation Planning Administrator


State Transportation Financial Management Administrator

State Environmental / Location Engineer

State Traffic Safety & Design Engineer

Project Review Engineer