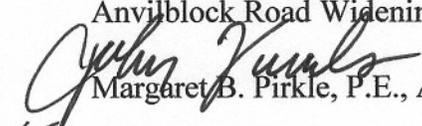


D.O.T. 66

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. Nos. 771210 & 0004638, Clayton County **OFFICE** Preconstruction
STP-00MS(342) & MSL-0004-00(638)
Anvilblock Road Widening **DATE** July 13, 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. Nos. 771210 & 0004638), Clayton County **OFFICE** Preconstruction
 STP-00MS(342) & MSL-0004-00(638)
 Anvilblock Road Widening **DATE** June 27, 2005

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

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

SUBJECT PROJECT CONCEPT REPORT

These combined projects are the widening and reconstruction of Anvilblock Road (CR 1350/118) from just east of I-675 to Allen Drive near the Clayton County line. Project STP-OOMS(342) will widen Anvilblock Road from just east of I-675 at MP 2.1, where the current 5 lane section ends, east to Bouldercrest Road at MP 1.3, a distance of 0.8 mile, and MSL-0004-00(638) will continue to Allen Drive, MP 0.0 near the county line for a distance of 1.3 miles. Intense residential development in this section of Clayton County as well as in northwest Henry County has driven a steady increase in traffic volumes along Anvilblock Road over the past decade as this development continues to use Anvilblock Road to gain access to and from I-675. The purpose of this project is to improve east-west mobility in the northeast corner of Clayton County and provide traffic congestion relief to Anvilblock Road, which is expected to carry over 30,000 vehicles by 2027.

The proposed construction will widen Anvilblock Road from 2 lane to 4 lanes with a 20' raised median, 16' urban shoulders, 5' sidewalks and a 6' grass strip between Grant Road just east of I-675 and Allen Drive near the Clayton County Line. An additional future project, ARC TIP number CLA 230C, will widen Anvilblock Road the remaining 0.4 mile to the intersection with Fairview Road in Henry County. Traffic control will consist of staged construction and allow for the roadway to remain open during construction.

Environmental concerns include requiring a Categorical Exclusion be prepared; a public hearing open house will be held; time saving procedures are not appropriate.

The estimated costs for these projects are:

STP-OOMS(342); P.I. No. 771210

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>FUNDING</u>	<u>PROG DATE</u>
Construction (includes E&C and inflation)	\$1,450,000	\$1,585,000	RRB	2007
Right-of-Way & Utilities*	Local	Local		

David Studstill
Page 2

P.I. Nos. 771210 & 0004638, Clayton
June 27, 2005

MSL-0004-00(638); P.I. No. 0004638

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>FUNDING</u>	<u>PROG DATE</u>
Construction (includes E&C and inflation)	\$2,449,000	\$1,585,000	RRB	2007
Right-of-Way & Utilities*	Local	Local		

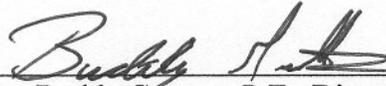
*Clayton County signed PMA on 12-3-03 for PE, right-of-way, utilities and construction.

I recommend these project concepts be approved and the projects be constructed concurrently.

MBP:JDQ/cj

Attachment

CONCUR



Buddy Gratton, P.E., Director of Preconstruction

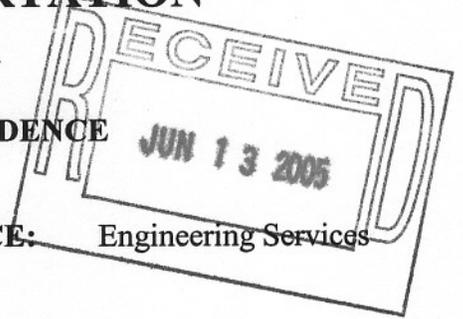
APPROVE



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

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE



FILE: STP-00MS(342) & MSL-0004-00(638)
Clayton Co.
P.I. Nos. 771210 & 0004638
Anvilblock Road Widening

OFFICE: Engineering Services

DATE: June 13, 2005

FROM: Brian K. Summers, Project Review Engineer *REW*

TO: Meg Pirkle, Assistant Director of Preconstruction

SUBJECT: CONCEPT REPORT

We have reviewed the Concept Report submitted May 23, 2005 by the letter from Bryant Poole dated May 20, 2005, and have the following comment:

- The Summary of Project Costs Sheet for Project MSL-0004-00(638) has the wrong project number noted.

The costs for these projects are:

	<u>STP-00MS(342)</u>	<u>MSL-0004-00(638)</u>
Construction	\$1,255,250	\$2,119,500
Inflation	\$62,763	\$105,975
E & C	\$131,801	\$222,548
Reimbursable Utilities	\$50,000 (LGPA)	\$50,000 (LGPA)
Right of Way	\$200,000 (LGPA)	\$200,000 (LGPA)

REW

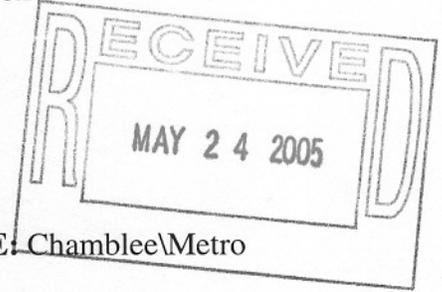
c: Bryant Poole. Attn.: Lowell James

SCORING RESULTS AS PER MOG 2440-2

Project Number: STP-00MS(342) & MSL-0004-00(638)		County: Clayton		PI No.: 771210 & 0004638	
Report Date: May 19, 2005		Concept By: DOT Office: District 7			
<input checked="" type="checkbox"/> Concept Stage		Consultant: Moreland Altobelli			
Project Type: Choose One From Each Column		<input checked="" type="checkbox"/> Major <input type="checkbox"/> Minor	<input checked="" type="checkbox"/> Urban <input type="checkbox"/> Rural	<input type="checkbox"/> ATMS	<input type="checkbox"/> Bridge Replacement
				<input type="checkbox"/> Building	<input type="checkbox"/> Interchange Reconstruction
				<input type="checkbox"/> Intersection Improvement	<input type="checkbox"/> Interstate
				<input type="checkbox"/> New Location	<input checked="" type="checkbox"/> Widening & Reconstruction
				<input type="checkbox"/> 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**

INTERDEPARTMENTAL CORRESPONDENCE



FILE: STP-00MS(342) & MSL0004-00(638)
Clayton County
Anvilblock Road Widening
P.I. # 0771210 & 0004638

OFFICE: Chamblee\Metro

DATE: May 20, 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.

BG\BCC\loj

cc: Joe Palladi
Jamie Simpson
Harvey Keeper
Keith Golden
David Mulling
File

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

District Seven

PROJECT CONCEPT REPORT

Project Number: STP-00MS(342), MSL-0004-00(638)

County: Clayton County

P. I. Number: 771210, 0004638

Federal Route Number: N/A

State Route Number: N/A

*Anvilblock Road (See page 2 for Location Map)
From Grant Road to Allen Drive*

Recommendation for approval:

DATE 5/9/05

Neil Sum
Project Manager

DATE 5/19/05

Bay Hood
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 _____

State Transportation Financial Management Administrator

DATE _____

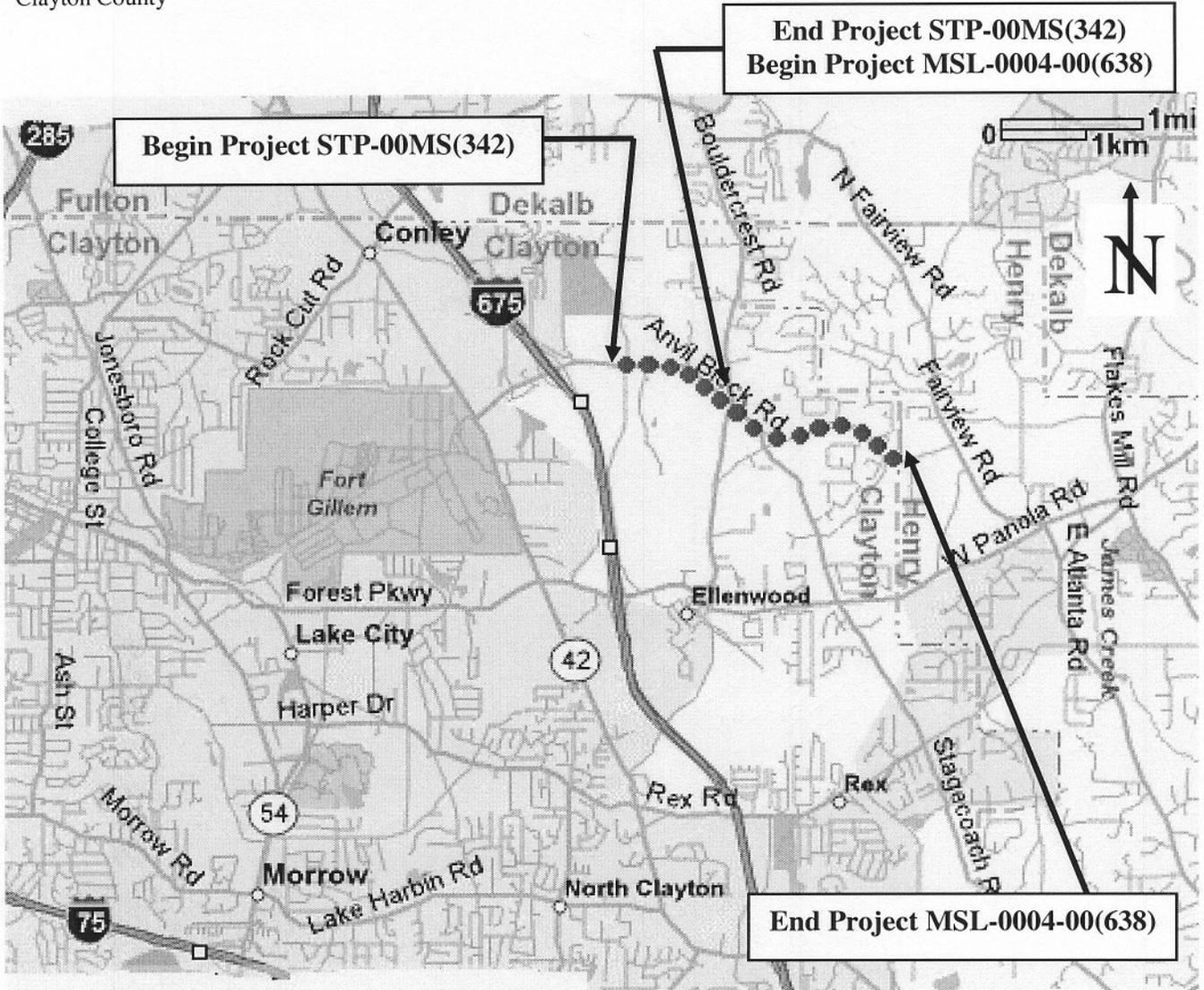
State Environmental/Location Engineer

DATE _____

State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer



Need and Purpose:

Clayton County has identified various roadways throughout the County that need capacity improvements in order to accommodate the high traffic growth in these areas. Anvilblock Road (CR 1350 / 118) was identified as an important east-west route carrying traffic to and from I-675 in the northeast corner of Clayton County. Intense residential development in this section of Clayton County as well as in northwest Henry County has driven a steady increase in traffic volumes along Anvilblock Road over the past decade. As this development trend continues, traffic will continue to use Anvilblock Road to gain access to and from I-675. The proposed project will widen Anvilblock Road from 2-lanes to 4-lanes with a 20' raised median between Grant Road just east of I-675 and Allen Drive near the Clayton County line. The purpose of the project is to improve east-west mobility in the northeast corner of Clayton County and provide traffic congestion relief to Anvilblock Road, which is expected to carry over 30,000 vehicles by 2027. Under existing conditions, the intersections along Anvilblock Road operate within acceptable levels of service, with all intersections operating at LOS D or better. Under the 2027 No Build alternate, with no roadway improvements to Anvilblock Road, all intersections along the project operate at unacceptable levels of service (E or F). Under the 2027 Build alternative, all intersections would operate at LOS C or better. The widening of this section of roadway would reduce congestion and improve safety on this important roadway.

Project Description:

These two projects are located in the northeast corner of Clayton County near the unincorporated area of Ellenwood. Project STP-00MS(342) will widen Anvilblock Road from just east of I-675 at MP 2.1, where the current 5-lane section ends, east to Bouldercrest Road at MP 1.3 a distance of 0.8 miles and MLS-0004-00(638) would continue to Allen Drive MP 0.0 near the county line a distance of 1.3 miles. This project will widen the existing 2-lane road to 4 - 12' lanes and a 20' raised median and 16' urban shoulders with 5' sidewalks and a 6' grass strip. Some realignment of intersections may be required to ensure safe operations. Location of median openings will be determined during the design phase. An additional future project, ARC TIP number CLA 230C, will widen Anvilblock Road the remaining 0.4 miles to the intersection with Fairview Road in Henry County.

The logical western terminus of the project would be just east of I-675 where the current 5-lane section ends. The logical eastern terminus would be at Allen Drive near the Clayton County line. This project would tie into the proposed widening of Anvilblock Road from Allen Drive to Fairview Road in Henry County (ARC TIP: CL-230C/GDOT PI: 751800).

Other Projects in the Area:

- Anvilblock Road from Allen Drive to Fairview Road:
ARC TIP: CL-230C/GDOT PI: 751800 (Long Range)
This project would widen Anvilblock Road from 2-lanes to 4-lanes between Allen Drive in Clayton County and Fairview Road in Henry County
- Lincrest Road at Conley Creek:
ARC TIP: DK-256, GDOT PI: 771180
This project involves upgrading the existing bridge at Conley Creek.
- Fairview Road from Dekalb Line to Swan Lake Road:
ARC TIP: HE-134,
This project involves widening of a 6 miles long corridor from 2 lanes to 4 lanes.

- West Panola Road Extension from Clayton County Line to Fairview Road:
ARC TIP: HE-AR-223
This project involves widening of a 3 miles long corridor from 2 lanes to 4 lanes.
- I-675 ATMS, Communications Surveillance.
ARC TIP: AR-253

Is the project located in a Non-attainment area? Yes No.

- STP-00MS(342), ARC # CL-230A: Anvilblock Road from end of current 5-lane section east of Grant Road to Bouldercrest Road; Existing 2 lane' proposed 4 lane; 0.5 miles; Network year 2010
- MSL-0004-00(638), ARC # CL-230B: Anvilblock Road from Bouldercrest Road to Allen Drive; Existing 2 lane, proposed 4 lane; 1.3 miles; Network year 2010

PDP Classification: Major Minor

Federal Oversight: Full Oversight (), Exempt(X), State Funded(), or Other ()

Functional Classification: Urban Major Arterial

U. S. Route No(s): N/A State Route No(s): N/A County Route No(s): 1350 & 118

Traffic (AADT): Build Year: (2007) 16,860 Design Year: (2027) 30,450

Existing Design Features:

- Typical Section: 5-lane rural / 2-lane rural
- Posted speed 45 mph Maximum degree of curvature: 10°
- Maximum super-elevation rate for curve: 6%
- Maximum grade: 4% Mainline, 8% Cross roads, 15% Driveways
- Width of right of way: 60-100 ft.
- Major structures: None
- Major interchanges or intersections along the project: 4-Way Stop Intersection at Bouldercrest Road
- Existing length of roadway segment 2.1 miles
- Beginning mile logs for each county segment.
 - Begin: MP 2.1 Grant Road to MP 1.3 Bouldercrest Road
 - End: MP 1.3 Bouldercrest Road to MP 0.0 Allen Drive

Proposed Design Features:

- Proposed typical section(s): 4 - 12' Lanes with 20' raised median with 16' urban shoulders and 5' sidewalks on both sides with a 6' grass strip.
- Proposed Design Speed Mainline 45 mph
- Proposed Posted Speed Mainline 45 mph
- Proposed Maximum grade Mainline 5% Maximum grade allowable 7%
- Proposed Maximum grade Side Street 5% Maximum grade allowable 7%
- Proposed Maximum grade driveway 15%
- Proposed Minimum radius for curve 1146' Minimum radius allowable 730'

- Proposed Maximum super-elevation rate for curve: 4%
 - Right of way
 - Width 100'
 - Easements: Temporary (X), Permanent (X), Utility (), Other ().
 - Type of access control: Full (), Partial (), By Permit (X), Other ().
 - Number of parcels: 20 (PI 771210)
 - Number of parcels: 50 (PI 0004638)
- Number of displacements:
- Business: 0
 - Residences: 0
 - Mobile homes: 0
 - Other: 0
- Structures:
 - Bridges: There are no bridges on the project
 - Culvert: There are no culverts on the project
 - Retaining walls: None expected
 - Major intersections and interchanges: Intersection Bouldercrest Road @ Anvilblock Road
 - Traffic control during construction: Traffic control will consist of staged construction and allow for the roadway to remain open during construction. Staged construction would be divided into phases to allow for partial width construction. Minor detours may be required to provide access. Access will be maintained during all construction phases of the project.
 - Design Exceptions to controlling criteria anticipated:

	<u>UNDETERMINED</u>	<u>YES</u>	<u>NO</u>
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: None Expected
 - Environmental concerns: Four structures along the route have been identified as potential historical and will require further detailed investigation and study.
 - Level of environmental analysis:
 - Are Time Savings Procedures appropriate? Yes (), No (X),
 - GEPA Type B Letter ()
 - Categorical Exclusion (X) (Recommended document if possible)
 - Environmental Assessment/Finding of No Significant Impact (FONSI) ()
 - Environmental Impact Statement (EIS) ().

- Utility involvements: The following is a list of utilities with facilities within the project area:
 - Atlanta Gas Light
 - BellSouth
 - Georgia Transmission
 - Georgia Power
 - Media One Cable
 - COMCAST
 - Sawnee Electric
 - Clayton County Public Works

Project Responsibilities:

- Design: Clayton County
- Right of Way Acquisition: Clayton County
- Relocation of Utilities: Clayton County
- Letting to Contract: Clayton County
- Supervision of construction: Clayton County
- Providing material pits: Contractor (if required)
- Providing detours: Clayton County (by design, if required)

Coordination

- Initial Concept Meeting: Held October 20, 2004
- P. A. R.: Not Required
- FEMA: Not Required
- USCG: Not required.
- Public involvement: A PIOH will be held
- Railroads – No railroads are located within the project limits.

Scheduling – Responsible Parties’ Estimate

- Time to complete the environmental process: 4 - 10 Months.
- Time to complete preliminary construction plans: 8 Months.
- Time to complete right of way plans: 4 Months.
- Time to complete the Section 404 Permit: Not Required 0 Months
- Time to complete final construction plans: 9 Months.
- Time to complete to purchase right of way: 12 Months

Other Alternates Considered:

No-Build Alternative

Under this alternative, no action would be taken to construct the project and existing congestion and peak hour delay would continue to occur along Anvilblock Road.

Comments:

No additional comments

Attachments:

1. Cost Estimates:
 - a. Construction including E&C
 - b. Right of Way
 - c. Utilities.
2. Typical sections
3. Accident Summary
4. Traffic Volumes & Traffic Flow Diagrams
5. Minutes of Initial Concept meeting
6. Location & Design Notice
7. LGPA / GRTA Agreement
8. Conforming plan's network schematics showing thru lanes

Detailed Cost Estimate
Anvilblock Road - Project No. STP-00MS(342) Clayton Co.
P. I. No. 771210
Grant Road to Bouldercrest Road

A.	Right of Way	(LGPA)	\$200,000
B.	Reimbursable Utilities	(LGPA)	\$50,000
C.	Major Structures		\$0
D.	Grading and Earthwork		
	1. Grading Complete	Lump	\$200,000.00
			\$200,000
		Subtotal	\$200,000
E.	Drainage - Longitudinal System		
	1. 18" Pipe	2,500 LF @	\$35.00
	2. 24" Pipe	1,000 LF @	\$40.00
	3. Catch Basins	20 EA @	\$1,700.00
	4. Curb & Gutter	17,000 LF @	\$12.00
			\$204,000
		Subtotal	\$365,500
F.	Base & Paving		
	1. Graded Aggregate Base 10"	6,500 TN @	\$12.00
	2. Asphalt Concrete 9.5 mm Superpave 165#/SY (1-1/2")	1,850 TN @	\$42.00
	3. Asphalt Concrete 19.0 mm Superpave 220#/SY (2")	1,300 TN @	\$40.00
	4. Asphalt Concrete 25 mm Superpave 440#/SY (4")	2,600 TN @	\$40.00
	5. Bitum Tack Coat	1,800 GL @	\$1.00
			\$1,800
		Subtotal	\$313,500
G.	Signing, Striping, and Lighting		
	1. Signs	Lump Sum	\$2,500
	2. Signals	1 EA @	\$60,000.00
	3. Striping	17,000 LF @	\$0.25
			\$4,250
		Subtotal	\$66,750
H.	Traffic Control		
	1. Traffic Control	Lump Sum	\$30,000
		Subtotal	\$30,000
I.	Landscaping, & Erosion Control		
	1. Grassing	8 ac @	\$1,500.00
	2. Erosion Control	Lump Sum	\$100,000
		Subtotal	\$112,000
J.	Miscellaneous Items		
	1. Concrete Sidewalks	4,700 SY @	\$25.00
	2. Misc. Construction Items	Lump Sum	\$50,000
		Subtotal	\$167,500

SUMMARY OF PROJECT COSTS

Anvilblock Road - Project No. STP-00MS(342) Clayton Co.

P. I. No. 771210

Grant Road to Bouldercrest Road

Non-Construction Costs

A.	Right of Way	\$200,000
B.	Reimbursable Utilities	\$50,000
	Total Non-Construction Cost	\$250,000

Construction Costs

C.	Major Structures	\$0
D.	Grading and Earthwork	\$200,000
E.	Drainage	\$365,500
F.	Base and Paving	\$313,500
G.	Sign, Stripe & Light	\$66,750
H.	Traffic Control	\$30,000
I.	Landscaping & Erosion Control	\$112,000
J.	Miscellaneous Construction Items	\$167,500
	Construction Cost Subtotal	\$1,255,250
	One year of inflation @ 5%	\$62,763
	E & C; 10%	\$125,525

P.I. No. 771210 Total Construction Cost **\$1,443,538**

Detailed Cost Estimate
Anvilblock Road - Project No. MSL-0004-00(638)Clayton Co.
P. I. No. 0004638
Bouldercrest Road to Allen Road

A.	Right of Way		(LGPA)	\$200,000
B.	Reimbursable Utilities		(LGPA)	\$50,000
C.	Major Structures			\$0
D.	Grading and Earthwork			
	1. Grading Complete	Lump	\$200,000.00	\$200,000
			Subtotal	\$200,000
E.	Drainage - Longitudinal System			
	1. 18" Pipe	5,000 LF @	\$35.00	\$175,000
	2. 24" Pipe	2,000 LF @	\$40.00	\$80,000
	3. Catch Basins	25 EA @	\$1,700.00	\$42,500
	4. Curb & Gutter	27,500 LF @	\$12.00	\$330,000
			Subtotal	\$627,500
F.	Base & Paving			
	1. Graded Aggregate Base 10"	20,000 TN @	\$12.00	\$240,000
	2. Asphalt Concrete 9.5 mm Superpave 165#/SY (1-1/2")	3,000 TN @	\$42.00	\$126,000
	3. Asphalt Concrete 19.0 mm Superpave 220#/SY (2")	4,000 TN @	\$40.00	\$160,000
	4. Asphalt Concrete 25 mm Superpave 440#/SY (4")	8,000 TN @	\$40.00	\$320,000
	5. Bitum Tack Coat	2,500 GL @	\$1.00	\$2,500
			Subtotal	\$848,500
G.	Signing, Striping, and Lighting			
	1. Signs		Lump Sum	\$6,000
	2. Striping	28,000 LF @	\$0.25	\$7,000
			Subtotal	\$13,000
H.	Traffic Control & Mobilization			
	1. Traffic Control		Lump Sum	\$30,000
			Subtotal	\$30,000
I.	Landscaping, & Erosion Control			
	1. Grassing	7 ac @	\$1,500.00	\$10,500
	2. Erosion Control		Lump Sum	\$150,000
			Subtotal	\$160,500
J.	Miscellaneous Items			
	1. Concrete Sidewalks	7,600 SY @	\$25.00	\$190,000
	2. Misc. Construction Items		Lump Sum	\$50,000
			Subtotal	\$240,000

SUMMARY OF PROJECT COSTS

Anvilblock Road - Project No. STP-00MS(342) Clayton Co.

P. I. No. 771210

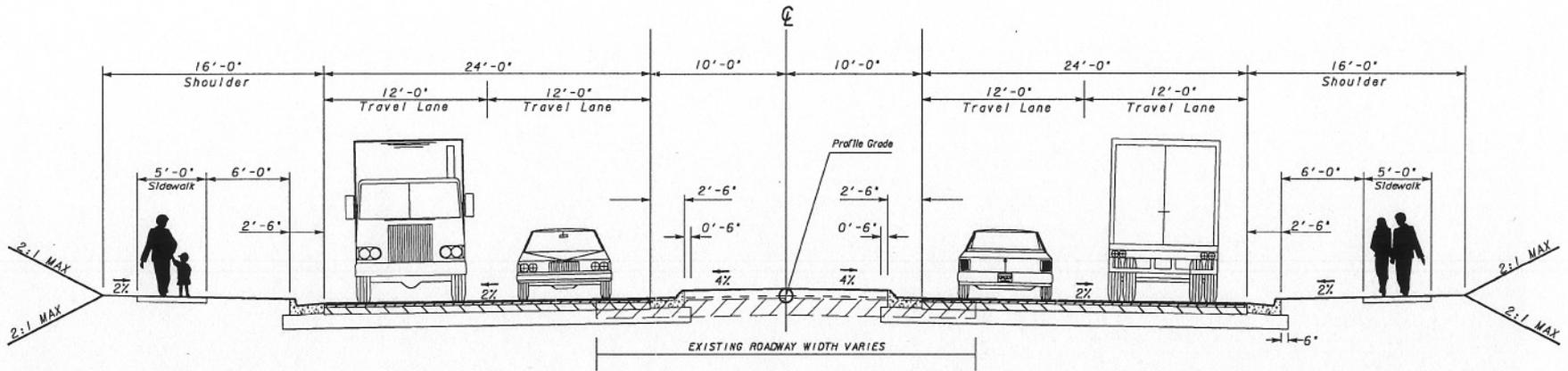
Bouldercrest Road to Allen Road

Non-Construction Costs

A.	Right of Way	\$200,000
B.	Reimbursable Utilities	\$50,000
	Total Non-Construction Cost	LGPA

Construction Costs

C.	Major Structures	\$0
D.	Grading and Earthwork	\$200,000
E.	Drainage	\$627,500
F.	Base and Paving	\$848,500
G.	Sign, Stripe & Light	\$13,000
H.	Traffic Control	\$30,000
I.	Landscaping & Erosion Control	\$160,500
J.	Miscellaneous Construction Items	\$240,000
	Construction Cost Subtotal	\$2,119,500
	One year of inflation @ 5%	\$105,975
	E & C; 10%	\$211,950
	P. I. No. 0004638 Total Construction Cost	\$2,437,425



STP-00MS(342) & MSL-0004-00(638)
ANVIL BLOCK ROAD
 TYPICAL SECTION

Existing and Projected Traffic Volumes:

Traffic growth rates are based on historical GDOT traffic counts. The GDOT data includes traffic counts collected between 1997 and 2003. Regression of this data suggests an annual growth rate of approximately 4.4%.

Traffic growth is unlikely to continue at 4.4% average annual growth throughout the 24-year design horizon. The GDOT traffic count data reflects only a brief 7-year time period during which Clayton County grew rapidly. This relatively small sample size would tend to exaggerate long-term traffic growth. Ultimately, a 3.0% annual growth rate was selected as a reasonable basis for projecting traffic growth for a four-lane typical section. This rate accounts for declining growth as the study area becomes built out. The table below illustrates this trend through the design year.

<i>Anvilblock Road- Growth Rate</i>	2004(Existing)	2007(Opening)	2027(Design)
Anvilblock Road East of Grant Road	15,430	16,860	30,450
Anvilblock Road East of Bouldercrest Road	8,859	9,680	17,480
Anvilblock Road East of Mitchell Road	9,234	10,090	18,220

Level of Service Analysis:

Under existing conditions, the intersections along Anvilblock Road operate within acceptable levels of service, with all intersections operating at LOS D or better. Under the 2027 No Build alternate, with no roadway improvements to Anvilblock Road, all intersections along the project operate at unacceptable levels of service (E or F). Under the 2027 Build alternative, all intersections would operate at LOS C or better. The table below summarized the intersection LOS values for the existing year 2004, 2027 No Build and 2027 Build:

Intersection LOS (Seconds of Delay)	Intersection LOS 2004 (Existing)		Intersection LOS 2027 (No Build)		Intersection LOS 2027 (Build)	
	AM	PM	AM	PM	AM	PM
Anvilblock Road @ Grant Road	C (21.0)*	C (15.3)*	F (198.2)*	F (52.3)*	C (24.9)	A (8.8)
Anvilblock Road @ Bouldercrest Road	F (214.6)*	F (63.2)*	F (741.7)*	F (814.8)*	C (34.9)	C (22.3)
Anvilblock Road @ Stagecoach Road	C (18.4)*	C (15.5)*	F (192.0)*	E (49.6)*	B (14.1)	A (9.5)
Anvilblock Road @ Mitchell Road	A (9.0)*	B (12.7)*	F (54.0)*	E (39.9)*	B (12.2)	C (23.3)

* Unsignalized Intersection

Accident Summary:

Historical accident and injury rates were calculated based on 2000, 2001, and 2002 data, as shown in the table below. The historical data includes no record of fatalities during this time period. The table also shows statewide average accident and injury rates corresponding to an urban minor arterial functional classification.

Year	Accidents			Injuries		
	Total	Rate	Statewide	Total	Rate	Statewide
2000	23	550	660	17	407	166
2001	21	464	564	8	177	142
2002	20	298	568	7	104	143

Note: Rates per 100 Million Vehicle Miles

The analysis shows that the accident rate on Anvilblock Road was below statewide average for all three years. The injury rate for 2000 was more than twice the statewide rate for that year. The injury rate was above the statewide rate for 2001 and fell below the statewide rate for 2002. Of the 64 total accidents, 3 involved head on collisions, 7 involved rear-end collisions, 15 involved angle collisions and 5 involved sideswipe. Thirty-four incidents were classified as not collisions with motor vehicles, typically involving fixed objects along the right-of-way.

This project includes several improvements that would improve safety along Anvilblock Road. By providing left turn lanes at major intersections, rear end collisions along the roadway would be reduced. Additionally, the 20' raised median will prevent traffic from turning left across traffic lanes from driveways along the project. This would help limit sideswipe and angle collisions.

Minutes of Initial Concept Team Meeting
Anvilblock Road
STP-OOMS(342) & MSL-0004-00(638)
P.I. No. 771210 & 0004638
Clayton County

The meeting was held on October 20, 2004 in the Pre-Construction conference room of the Georgia Department of Transportation District 7 at 3pm.

In attendance:

Lowell James	GDOT
Mac Cranford	GDOT
Marshall Troup	GDOT
Mile Lobdell	GDOT
Gerald Ford	GDOT
Salman Rathore	Moreland Altobelli
Jerry Brooks	Moreland Altobelli
David Robbins	GDOT
Andrew Adams	Clayton County

See attached sign in sheet for additional information.

Lowell James opened the meeting and asked everyone to introduce themselves. He then asked Jerry Brooks to discuss the project.

Jerry Brooks explained that this was a GRTA Bond project and was in two phases. STP-OOMS(342) was from Grant Road to Bouldercrest Road approximately 0.8 miles. MSL-0004-00(638) was from Bouldercrest Road to Allen Drive approximately 1.3 miles. This is the County line between Clayton County and Henry County. These are listed in the RTP as projects CL-230A and CL-230B. He said there was also a CL-230C in the RTP that would go from Allen Drive to Fairview Road in Henry County approximately 0.4 miles. That project is P.I. No. 751800 and is shown as long range. It is incorrectly shown in the RTP as going from Bouldercrest Road to Fairview Road, which would be an overlap with the CL-230B project.

The need and purpose as shown in the draft concept report was discussed. The project will improve east-west mobility in the northeast corner of Clayton County and provide congestion relief to Anvilblock Road, which is expected to carry over 30,000 vehicles by 2027.

The existing typical section is 5 lanes near Grant Road and tapers to 2 lanes before Lunsford Road and continues 2 lanes to Allen Drive. The proposed typical section is 4 lane urban with a 20 foot raised grass median and sidewalks. The median is proposed to be extended along the 5-lane section to Grant Road. The speed design is 45 mph. A signal is proposed for the intersection of Bouldercrest Road and Anvilblock Road to replace the existing 4 way stop.

Andy Adams stated that there was a proposed large development planned near South Park Boulevard and that Clayton County Board of Education was planning a new school near Allen Drive. He also mentioned that a development was planned on Anvilblock Road in Henry County.

There was a discussion as to whether or not the project had logical termini by ending at the County line. Mike Lobdell expressed concern over the termini because there has been no design activity on the Henry County portion. He said that the environmental document might need to include the corridor all the way to Fairview Road in order that the document not appear to be segmented.