

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 751770-, Clayton County **OFFICE** Preconstruction
STP-9108(4)
Battle Creek Road/Mt. Zion
Boulevard Widening **DATE** January 25, 2006

FROM *John Kunk*
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. 751770-, Clayton County **OFFICE** Preconstruction
STP-9108(4)
Battle Creek Road/Mt. Zion Boulevard Widening **DATE** January 20, 2006

FROM *Margaret B. Pirkle*
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 Battle Creek Road/CR 1342 and Mt. Zion Boulevard/CR 28, beginning on Battle Creek Road at Southlake Parkway and ending at Mt. Zion Boulevard and Somerton Drive. This project will improve the Level of Service (LOS) along the roadway by adding additional through lanes along Battle Creek Road and Mt. Zion Boulevard, as well as adding additional turn lanes at major intersections. The proposed improvements will allow each intersection within the project limits to operate at LOS "D" or better. Base year (2011) traffic volumes in the corridor are 15,400 VPD along Battle Creek Road and 49,700 VPD along Mt. Zion Boulevard. Future design year (2031) volumes are projected to be 22,900 along Battle Creek Road and 73,500 VPD along Mt. Zion Boulevard.

The construction consists of widening Battle Creek Road/CR 1342 and Mt. Zion Boulevard/CR 28 from the existing two and four lane facilities to four, 12' lanes with a 20' raised median and urban shoulders consisting of 2.5' curb and gutter, 6' grassed strip and 5' sidewalks. The project begins on Battle Creek Road and continues to the intersection of Battle Creek Road and Mt. Zion Boulevard. This intersection will be realigned to provide east-west through movement from eastbound Battle Creek Road to eastbound Mt. Zion Boulevard. The project continues east along Mt. Zion Boulevard, crosses I-75 and ends at Somerton Drive. Temporary on-site detour pavement will be utilized along Mt. Zion Boulevard from Richardson Parkway to Lake Harbin Road to facilitate vertical reconstruction of Mt. Zion Boulevard.

Environmental concerns include requiring a COE 404 Permit; an Environmental Assessment is anticipated; a public hearing open house will be held; time saving procedures are not appropriate.

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) | \$14,296,000 | \$16,546,000 | L230/L240 | 2009 |
| Right-of-Way & Utilities* | Local | Local | Local | |

David Studstill

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P. I. No. 751770-, Clayton
January 20, 2006

*Clayton County signed PMA for PE, right-of-way and utilities 4-12-02.

I recommend this project concept be approved.

MBP:JDQ/cj

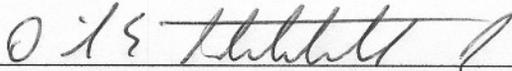
Attachment

CONCUR



Buddy Gratton, P.E., Director of Preconstruction

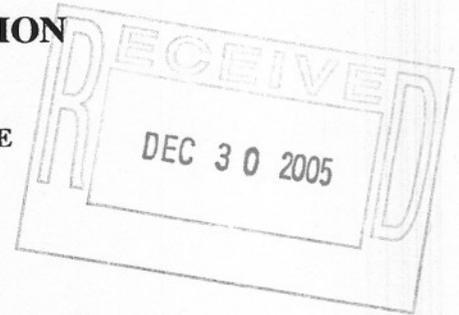
APPROVE



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

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE



FILE STP-9108(4)
Clayton County
Battlecreek – Mt. Zion Blvd from Southlake
Parkway to Lake Harbin Road
P.I. 751770-

OFFICE: Chamblee\Metro

DATE: December 23, 2005

FROM: Bryant Poole, District Engineer ^{MPK}

TO: Margaret B. Pirkle, Assistant Director of Preconstruction

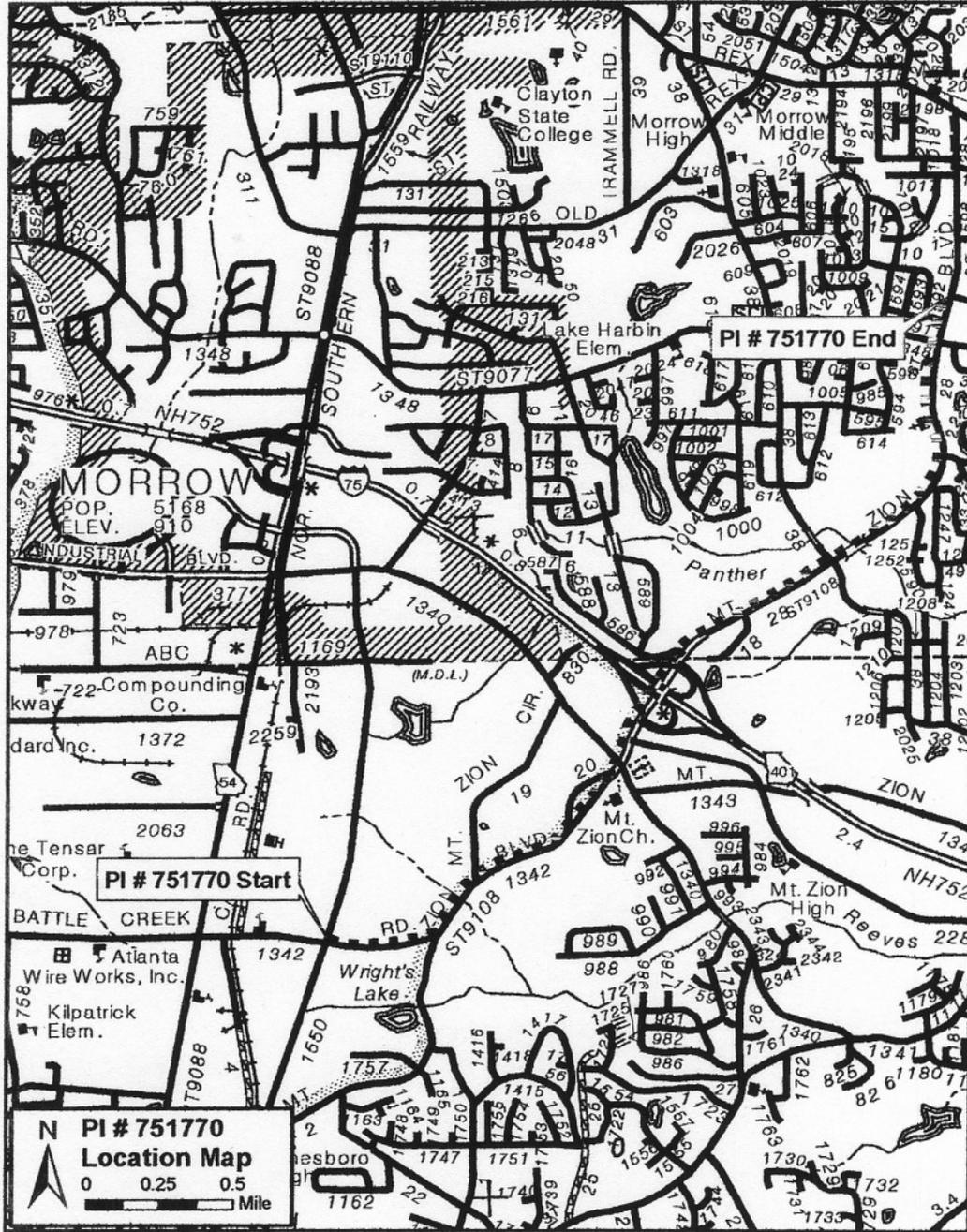
SUBJECT: PROJECT CONCEPT REPORT

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 Merishia Robinson or Gerald Ford at (404) 463-4947.

BPMAL\mkr

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



Location Map
Project: STP-9108(4) Clayton County PI No: 751770
Description: Widening of Battle Creek Road and Mt. Zion Boulevard

Project Concept Report Page 3
Project Number: STP-9108(4)
P. I. Number: 751770
County: Clayton

Need and Purpose: Project STP-9108(4) consists of widening Battle Creek Road (CR 1342) and Mt. Zion Boulevard (CR 28) from the existing two and four lane facilities to four 12-foot lanes with 20-foot raised median and urban curb and gutter, beginning on Battle Creek Road at Southlake Parkway and ending at Mt. Zion Boulevard and ~~AT~~ Somerton Drive. Mt. Zion Boulevard and Battle Creek Road are classified as urban collectors.

Base year 2011 traffic volumes in the corridor are approximately 15,400 Vehicles per Day (VPD) along Battle Creek Road and 49,700 VPD along Mt. Zion Boulevard. Future design year 2031 volumes are expected to be approximately 22,900 VPD along Battle Creek Road and 73,500 VPD along Mt. Zion Boulevard.

Project STP-9108(4) will improve the Level of Service (LOS) along the roadway by adding additional through lanes along Battle Creek Road and Mt. Zion Boulevard, as well as adding additional turn lanes at major intersections. The proposed improvements will allow each major intersection within the project limits to operate at LOS D or better in the design year as shown in the attached traffic analysis summary.

Project STP-9108(4) will also improve vertical sight distance and provide for additional turn lanes and signal upgrades at intersections. Accident rates at each major intersection along the project for 2003 and 2004 are shown in the attached traffic analysis summary.

Furthermore, central Clayton County is a heavily developed area consisting of a mix of commercial, residential and industrial land uses with a need for improved east-west connectivity. The project will serve this need by reconfiguring the intersection of Battle Creek Road and Mt. Zion Boulevard to provide an east-west through movement. There are also three other projects in the immediate vicinity which will combine with this project to create a major east-west thoroughfare in central Clayton County. These projects are the widening of Valley Hill Road from Upper Riverdale Road to Battle Creek Road (Clayton County Project), the widening of Battle Creek Road from Valley Hill Road to Southlake Parkway (GDOT P.I. No 751775) and the widening Mt. Zion Boulevard from Somerton Drive to Rex Road (Clayton County Project).

Also, existing Battle Creek Road and Mt. Zion Boulevard currently have intermittent pedestrian facilities along the project corridor. Project STP-9108(4) will improve pedestrian facilities within the project limits by providing for an urban section with curb and gutter and 5-foot sidewalks.

Description of the proposed project: Project STP-9108(4) consists of widening Battle Creek Road (CR 1342) and Mt. Zion Boulevard (CR 28) from the existing two and four lane facilities to four 12-foot lanes with a 20-foot raised median and urban shoulders consisting of 2.5-foot curb and gutter, 6-foot grassed strip and 5-foot sidewalks. The project begins on Battle Creek Road at Southlake Parkway (Battle Creek Road M.P. 2.02) and continues to the intersection of Battle Creek Road and Mt. Zion Boulevard (Battle Creek Road M.P. 2.37, Mt. Zion Boulevard M.P. 1.32). This intersection will be realigned to provide an east-west through movement from eastbound Battle Creek Road to eastbound Mt. Zion Boulevard. The project then continues east along Mt. Zion Boulevard, crosses I-75 (Mt. Zion Boulevard M.P. 2.45) and ends at Somerton Drive (Mt. Zion Boulevard M.P. 4.45). The total project length is approximately 18350 feet (3.48 miles)

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

The proposed concept calls for four through lanes (two in each direction) with a 20-foot raised median. The project begins on Battle Creek Road at Southlake Parkway and continues for 0.35 miles to the intersection of Battle Creek Road and Mt. Zion Boulevard. The project then continues along Mt. Zion Boulevard for 3.13 miles to Somerton Drive. The total project length is 3.48 miles and the opening year is 2011.

The conforming plan describes the project beginning on Mt. Zion Boulevard at Southlake Parkway and continuing for 3.93 miles to Somerton Drive, just past Lake Harbin Road. The plan calls for four through lanes (two in each direction) with a total project length of 3.93 miles and an opening year of 2011.

PDP Classification: Major (X) Minor ()

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

Functional Classification: Urban Collector Street

U. S. Route Number(s): None **State Route Number(s):** None

County Route Number(s): Battle Creek Road: CR 1342; Mt. Zion Boulevard: CR 28

Traffic (ADT):

Current Year: (2005): 43,981

Design Year: (2031): 73,448

Existing design features:

- Typical Section: The existing typical section varies as follows:
 - Battle Creek Road: One travel lane in each direction with variable width rural grassed shoulders.
 - Mt. Zion Boulevard from Battle Creek Road to Spring Place: One travel lane in each direction with variable width rural grassed shoulders.
 - Mt. Zion Boulevard from Spring Place to Richardson Parkway: Two travel lanes in each direction separated by a 20-foot raised median with curb and gutter and variable width urban shoulders.
 - Mt. Zion Boulevard from Richardson Parkway to Maddox Road: Two travel lanes in each direction separated by a 14-foot flush median. Shoulders vary from variable width urban shoulders with curb and gutter to variable width rural grassed shoulders.
 - Mt. Zion Boulevard from Maddox Road to Lake Harbin Road: One travel lane in each direction with a variable width rural grassed shoulders.
- Posted speed 40 mph Minimum Curve Radius: 900'
- Maximum grade: 7% mainline, 9% side roads, 11% driveways
- Width of right of way: Varies 80-120 ft.
- Major structures: 320-foot long by 92-foot wide reinforced concrete bridge on Mt. Zion Boulevard over I-75; Sufficiency Rating: 95.02
- Major interchanges or intersections along the project:
 - Major interchange: Mt. Zion Boulevard at I-75
 - Major Intersections: Battle Creek Road and Southlake Parkway; Mt. Zion Boulevard and Battle Creek Road; Mt. Zion Boulevard and Mt. Zion Road; Mt. Zion Boulevard and Mt. Zion Parkway; Mt. Zion Boulevard and Richardson Parkway; Mt. Zion Boulevard and Maddox Road; Mt. Zion Boulevard and Lake Harbin Road
- Existing length of roadway segments:
 - Battle Creek Road: 0.35 Miles beginning at M.P. 2.02
 - Mt Zion Boulevard: 3.13 Miles Beginning at M.P. 1.32

Proposed Design Features:

- Proposed typical section(s): Four 12-foot travel lanes (two in each direction) separated by a 20-foot raised median with curb and gutter and 16-foot urban shoulders consisting of 2.5-foot curb and gutter, 6-foot grassed strip and 5-foot sidewalk.
- Proposed Design Speed Mainline 45 mph
- Proposed Maximum grade Mainline 6% Maximum grade allowable 9%.
- Proposed Maximum grade Side Street 10% Maximum grade allowable 15%.
- Proposed Maximum grade driveway 11%
- Proposed Minimum Curve Radius 730'. Minimum Radius Allowable 643'.

- Right of way
 - Width Varies 120-200'
 - Easements: Temporary (X), Permanent (X), Utility (X), Other ().
 - Type of access control: Full (), Partial (), By Permit (X), Other (X).
 - Number of parcels: 135 Number of displacements:
 - Business: 3
 - Residences: 5
 - Mobile homes: None
 - Other: None
- Structures:
 - Bridges: The existing bridge at Mt. Zion Boulevard and I-75 will not be modified by this concept.
 - Bridge Culverts: The existing double 10' x12' bridge culvert on Mt. Zion Boulevard at Panther Creek will be extended to accommodate the widening.
 - Retaining walls: An approximate 500' long, 15' tall mechanically stabilized wall will be required at the intersection of Mt. Zion Boulevard and Battle Creek Road in order to reduce impacts to the Clayton County Water Authority property. Gravity walls may be utilized at various locations throughout the project to minimize impacts to adjacent properties. These locations include eastbound Mt. Zion Boulevard along the frontage of the Mt. Zion Baptist Church and Mt. Zion Baptist Cemetery properties located at the intersection of Mt. Zion Boulevard and Mt. Zion Road.
- Major intersections and interchanges.
 - Major interchange: Mt. Zion Boulevard at I-75 – This interchange will not be modified. Dual left turn lanes will be added to the northbound I-75 exit ramp to Mt. Zion Boulevard
 - Major Intersections: Battle Creek Road and Southlake Parkway; Mt. Zion Boulevard and Battle Creek Road; Mt. Zion Boulevard and Mt. Zion Road; Mt. Zion Boulevard and Mt. Zion Parkway; Mt. Zion Boulevard and Richardson Parkway; Mt. Zion Boulevard and Maddox Road; Mt. Zion Boulevard and Lake Harbin Road.
- Traffic control during construction:
 - The intersection of Battle Creek Road and Mt. Zion Boulevard will be closed to through traffic during construction. Traffic will be routed on an off-site detour utilizing Mt. Zion Road and Southlake Parkway to the east and Mt. Zion Boulevard and Southlake Parkway to the west.
 - Temporary on-site detour pavement will be utilized along Mt. Zion Boulevard from Richardson Parkway to Lake Harbin Road in order to facilitate vertical reconstruction of Mt. Zion Boulevard

- 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:

- A design variance will be required for substandard median opening spacing along Mt. Zion Boulevard between Mt. Zion Parkway and Mt. Zion Road. Results of the traffic analysis show that levels of service at the Mt. Zion Road/Mt. Zion Boulevard intersection will be severely reduced if the median opening at Mt. Zion Parkway is closed.
- Design variances will be required at various median openings along the project for substandard left turn storage length due to the spacing of median openings. These locations include the median openings along Mt. Zion Boulevard at Spring Place, Mt. Zion Road, Mt. Zion Parkway and Richardson Parkway.

- Environmental concerns:

- It is anticipated that an Individual Permit will be required for impacts to the three streams and two wetlands on the project corridor. The streams include Reeves Creek, an unnamed stream near Mt. Zion Boulevard and Spring Place, and Panther Creek. The wetlands are located in the vicinity of Reeves Creek and Panther Creek. There are seven USTs along the project corridor, two of which are considered LUST's. At this time, it is not known how many of these UST's will be impacted by the project. A finding of No Historic Properties Affected is expected for the history and archaeology studies.

- Level of environmental analysis:

- Are Time Savings Procedures appropriate? Yes (), No (X),
- Categorical exclusion (),
- Environmental Assessment/Finding of No Significant Impact(FONSI) **Anticipated**
- Environmental Impact Statement (EIS) ().

- **Utility involvements:**
 - Utility facilities located within the project limits include natural gas, phone, power, cable TV, Clayton County ITS systems, water/sewer and the Williams trans-continental gas pipeline. A major utility easement exists near the Battle Creek Road/Mt. Zion Boulevard intersection which includes the gas pipeline as well as power transmission lines and distribution lines.

Project responsibilities:

- Design: Clayton County
- Right of Way Acquisition: Clayton County
- Relocation of Utilities: Clayton County
- Letting to contract: GDOT Office of Contract Administration
- Supervision of construction: GDOT Construction
- Providing material pits: Responsibility of the Construction Contractor
- Providing detours: Clayton County; Construction Contractor to complete detours as shown in final plans.

Coordination

- Initial Concept Meeting 4/11/2005: See attached minutes
- Concept Team Meeting 11/10/2005: See attached minutes
- P. A. R. meetings, dates and results: None Required
- FEMA, USCG, and/or TVA:
- Public involvement. A Public Information Open House was held on June 7, 2005 at Jonesboro High School in Jonesboro, GA. 109 people attended the PIOH and a total of 51 comments were received. Of these comments, 5 were opposed to the project, 16 were in support of the project, 7 were uncommitted and 23 were conditional.
- Local government comments: See attached Concept Team Meeting Minutes
- Other projects in the area:
 - STP-9108(5) Widening of Battle Creek Road from Valley Hill Road to Southlake Parkway
 - NHS-0006-00(401) I-75 Ramp Meters from Cleveland Avenue in the City of Atlanta to Hudson Bridge Road in Henry County
 - NHS-0003-00(167) I-75 HOV Lanes from SR 54/Jonesboro Road to Eagles Landing Parkway Clayton/Henry Counties
 - Clayton County Project; Widening of Mt. Zion Boulevard from Somerton Drive to Rex Road
- Other coordination to date: N/A

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process: 18 Months.
- Time to complete preliminary construction plans: 10 Months.
- Time to complete right of way plans: 5 Months.
- Time to complete the Section 404 Permit: 8 Months.
- Time to complete final construction plans: 5 Months.
- Time to purchase right of way: 25 Months.

Other alternates considered: (1) Widen Battle Creek Road and Mt. Zion Boulevard to four lanes and reconstruct the Mt. Zion Boulevard/Battle Creek Road intersection to the north of the Williams Transcontinental Pipeline easement. (2) Widen Battle Creek Road and Mt. Zion Boulevard to four lanes and reconstruct the Mt. Zion Boulevard/Battle Creek Road intersection to the south of the Williams Transcontinental Pipeline easement. (3) Widen Battle Creek Road and Mt. Zion Boulevard to four lanes and maintain the current configuration of the Mt. Zion Boulevard/Battle Creek Road intersection. (4) Widen Battle Creek Road and Mt. Zion Boulevard to four lanes except for the section along Mt. Zion Boulevard from Mt. Zion Road to the I-75 Southbound ramps. This section would be widened to six lanes. (5) No Build.

Comments:

Comparison Summary of Alternates 1-5

Alternate (1) is recommended for this concept. Reconstructing the Battle Creek Road/Mt. Zion Boulevard intersection to the north of the pipeline will avoid major impacts to the subdivision located in the southwest quadrant of the existing intersection.

Alternate (2) is not recommended for this concept. Reconstructing the Battle Creek Road/Mt. Zion Boulevard intersection to the south of the pipeline will severely impact the subdivision at the southwest quadrant of the existing intersection. The difference in cost of impacts to the pipeline between Alternate (1) and Alternate (2) is negligible.

Alternate (3) is not recommended for this concept. Traffic projections in the capacity analysis report show that the major traffic movement at this intersection is from eastbound Battle Creek Road to eastbound Mt. Zion Boulevard. Leaving the Mt. Zion Boulevard/Battle Creek Road intersection in its current configuration does not allow for this movement to operate as a through movement, which would result in a lower level of service than if the interchange were reconstructed as recommended in Alternate (1).

Alternate (4) is not recommended for this concept. The six lane section along Mt. Zion Boulevard from Mt. Zion Road to the I-75 Southbound ramps does not match the conforming plan model.

Project Concept Report Page 10
Project Number: STP-9108(4)
P. I. Number: 751770
County: Clayton

Alternate (5) is not recommended for this concept. Traffic projections in the capacity analysis report indicate that the current two lane facilities along Battle Creek Road and Mt. Zion Boulevard will fail under future traffic conditions, thus providing an unacceptable level of service along the two roadways.

Attachments:

1. Cost Estimates:
 - a. Construction including E&C,
 - b. Right of Way, and
 - c. Utilities.
2. Typical Sections
3. Bridge inventory
4. Conforming plan's network schematics showing through lanes
5. Initial Concept Team Meeting Minutes 4/11/05
6. Concept Team Meeting Minutes 11/10/05
7. Summary of Traffic Analysis

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: STP-9108(4)
 DATE: July 22, 2005
 PREPARED BY: Kimley-Horn and Associates

COUNTY: Clayton
 ESTIMATED LETTING DATE:
 PROJECT LENGTH: 3.62 MILES

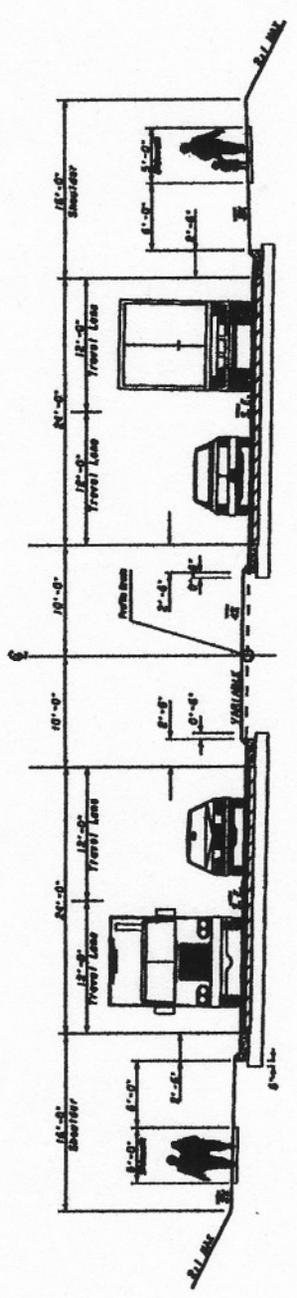
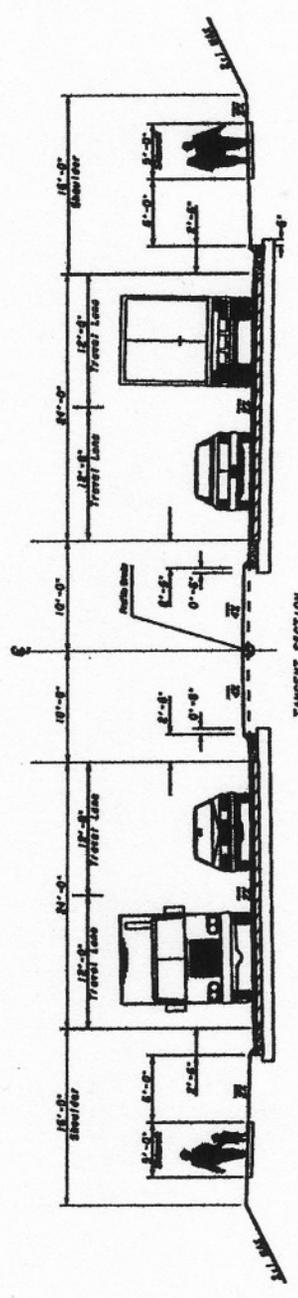
()PROGRAMMING PROCESS (X)CONCEPT DEVELOPMENT ()DURING PROJECT DEV.

| PROJECT COST | | | | |
|---|-----------|---|---------------------|--------------------|
| A. RIGHT-OF-WAY | | | | |
| 1. PROPERTY (LAND & EASEMENT) | | | | \$2,620,443 |
| 2. DISPLACEMENTS; (5 Residential, 3 Commercial) | | | | \$4,260,000 |
| | | | SUBTOTAL:A | \$6,870,443 |
| B. REIMBURSABLE UTILITIES: | | | | |
| 1. PIPELINE RELOCATION | | | | \$2,000,000 |
| 2. TRANSMISSION LINES | | | | \$0 |
| 3. SERVICES | | | | \$0 |
| | | | SUBTOTAL:B | \$2,000,000 |
| C. CONSTRUCTION | | | | |
| 1. MAJOR STRUCTURES | | | | |
| a. BOX CULVERTS | | | | |
| 1) BAR REINF STEEL | 47443 LB | @ | \$0.60 | \$28,466 |
| 2) CLASS A CONC | 317 CY | @ | \$475 | \$150,575 |
| 3) FOUND BACKFILL MAT'L | 7200 CY | @ | \$35 | \$252,000 |
| b. RETAINING WALLS | | | | |
| 1) CONC SIDE BARRIER | 500 LF | @ | \$400 | \$200,000 |
| 2) MSE WALL | 6800 SF | @ | \$50 | \$340,000 |
| | | | SUBTOTAL:C-1 | \$971,041 |
| 2. GRADING AND DRAINAGE | | | | |
| a. EARTHWORK | | | | |
| 1) BORROW EXCAV | 100000 CY | @ | \$5 | \$500,000 |
| 2) UNCLASS EXCAV | 75000 CY | @ | \$3 | \$225,000 |
| b. DRAINAGE | | | | |
| 1) CROSS DRAINS | | | | |
| 24" Pipe | 3900 LF | @ | \$35 | \$136,500 |
| 24" FES | 78 EA | @ | \$475 | \$37,050 |
| 2) SIDE DRAINS | | | | |
| 18" Pipe | 2400 LF | @ | \$20 | \$48,000 |
| 18" SES | 160 EA | @ | \$480 | \$76,800 |
| 3) LONGITUDINAL SYSTEMS | | | | |
| Catch Basins | 132 EA | @ | \$1,500 | \$198,000 |
| 24" Pipe | 39600 LF | @ | \$35 | \$1,386,000 |
| 24" FES | 33 EA | @ | \$475 | \$15,675 |
| | | | SUBTOTAL:C-2 | \$2,623,025 |
| 3. BASE AND PAVING | | | | |
| a. AGGREGATE BASE | | | | |
| | 69442 TN | @ | \$18 | \$1,249,949 |
| b. ASPHALT PAVING | | | | |
| Surface | 9513 TN | @ | \$42 | \$399,538 |
| Binder | 12097 TN | @ | \$37 | \$447,591 |
| Base | 44282 TN | @ | \$37 | \$1,638,419 |
| c. CONCRETE PAVING | | | | |
| d. OTHER (LEVELING, TACK) | | | | |
| Leveing | 293 TN | @ | \$36 | \$10,560 |
| Tack | 15770 GAL | @ | \$1 | \$15,770 |
| | | | SUBTOTAL:C-3 | \$3,761,827 |
| 4. LUMP ITEMS | | | | |
| a. GRASSING | | | | |
| | 22 AC | @ | \$1,000 | \$22,000 |
| b. CLEARING AND GRUBBING | | | | |
| | 22 AC | @ | \$5,000 | \$110,000 |
| c. LANDSCAPING | | | | |
| | | | | \$0 |
| d. EROSION CONTROL | | | | |
| Silt Fence | 10000 LF | @ | \$3 | \$30,000 |
| Erosion Mat | 5000 SY | @ | \$2 | \$10,000 |

| | | | |
|----------------------------------|---------------------|----------|--------------------|
| Baled Straw | 1500 LF @ | \$2 | \$3,000 |
| Ty 3 Silt Gates | 39 EA @ | \$350 | \$13,650 |
| Sediment Basins | 3 EA @ | \$7,000 | \$21,000 |
| e. TRAFFIC CONTROL | LS | | \$350,000 |
| f. ITS DEVICES | LS | | \$684,475 |
| g. TRAFFIC SIGNAL INSTALLATION | 10 EA @ | \$75,000 | \$750,000 |
| | SUBTOTAL:C-4 | | \$1,994,125 |
| 5. MISCELLANEOUS | | | |
| a. LIGHTING | | | |
| b. SIGNING - MARKING | | | |
| Solid Traff Stripe, 5 IN, White | 80000 LF @ | \$0.30 | \$24,000 |
| Solid Traff Stripe, 5 IN, Yellow | 20000 LF @ | \$0.30 | \$6,000 |
| Skip Traff Stripe, 5 IN, White | 40000 GLF @ | \$0.20 | \$8,000 |
| Higway Signs, TP 6 Sheeting | 2500 SF @ | \$18 | \$45,000 |
| Galv Steel Posts, TP 7 | 2000 LF @ | \$8 | \$16,000 |
| Raised Pvmnt Markers | 500 EA @ | \$3 | \$1,500 |
| c. GUARDRAIL | | | |
| W Beam | 3500 LF @ | \$15 | \$52,500 |
| Ty 12 Ancors | 8 EA @ | \$1,300 | \$10,400 |
| Ty 1 Anchors | 8 EA @ | \$440 | \$3,520 |
| d. CURB AND GUTTER | | | |
| Curb and Gutter TP 2 | 45000 LF @ | \$16 | \$720,000 |
| Curb and Gutter TP 7 | 40000 LF @ | \$10 | \$400,000 |
| | SUBTOTAL:C-5 | | \$1,286,920 |
| 6. SPECIAL FEATURES | | | |
| 1) FIELD ENGINEERS OFFICE TY 3 | | | |
| | | | \$55,000 |
| | SUBTOTAL:C-6 | | \$55,000 |

| ESTIMATE SUMMARY | | |
|----------------------------|---|--------------|
| A. RIGHT-OF-WAY | | \$6,870,443 |
| B. REIMBURSABLE UTILITIES | | \$2,000,000 |
| C. CONSTRUCTION | | |
| 1. MAJOR STRUCTURES | | \$971,041 |
| 2. GRADING AND DRAINAGE | | \$2,623,025 |
| 3. BASE AND PAVING | | \$3,761,827 |
| 4. LUMP ITEMS | | \$1,994,125 |
| 5. MISCELLANEOUS | | \$1,286,920 |
| 6. SPECIAL FEATURES | | \$55,000 |
| SUBTOTAL CONSTRUCTION COST | | \$10,691,937 |
| INFLATION (5% PER YEAR) | | \$2,304,179 |
| NUMBER OF YEARS | 4 | |
| E. & C. (10%) | | \$1,299,612 |
| TOTAL CONSTRUCTION COST | | \$14,295,728 |
| GRAND TOTAL PROJECT COST | | \$23,166,171 |

PROJECT NO. 1000000000
 SHEET NO. 5-01
 DATE 01/12/05



| | | |
|--|--|------|
| STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION OFFICE OF CONSULTANT DESIGN TYPICAL SECTIONS | PROJECT, STP-91081(4) COUNTY, CLAYTON | 5-01 |
| | REVISION DATES | |
| Kinney-Horn JMW Associates, Inc. Engineering, Planning, and Environmental Consultants 200 West Lake Street Marietta, Georgia 30067 | | |

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 063-0083-0

Clayton

SUFF. RATING

88.36

Location & Geography

* Structure I.D.No: 063-0083-0
 200 Bridge Information 07
 * 6A Feature Int: PANTHER CREEK
 * 6B Critical Bridge: 0
 * 7A Route Number Carried: CR00028
 * 7B Facility Carried: MT. ZION BOULEVARD
 * 9 Location: 1 MI E OF MORROW
 2 DOT District: 7
 207 Year Photo: 2003
 * 91 Inspection Frequency: 24 Date: 04/14/2005
 92A Fract Crit Insp Freq: 00 Date: 02/01/1901
 92B Underwater Insp Freq: 00 Date: 02/01/1901
 92C Other Spc. Insp Freq: 00 Date: 02/01/1901
 * 4 Place Code: 00000
 * 5 Inventory Route (O/U): 1
 Type: 5
 Designation: 1
 Number: 09108
 Direction: 0
 * 16 Latitude: 33-34.0 MMS Prefix:
 * 17 Longitude: 84-19.0 MMS Suffix: MP: 0.00
 98 Border Bridge: 000 %Shared: 00
 99 ID Number: 0000000000000000
 * 100 STRAHNET: 0
 12 Base Highway Network: 1
 13A LRS Inventory Route: 632002800
 13B Sub Inventory Route: 0
 * 101 Parallel Structure: N
 * 102 Direction of Traffic: 2
 * 264 Road Inventory Mile Post: 001.60
 * 208 Inspection Area: 03 Initials: WBP
 Engineer's Initial: jal
 * Location I.D. No.: 063-09108M-004.20E

* 104 Highway System: 0
 * 26 Functional Classification: 17
 * 204 Federal Route Type: M No.: 09108
 105 Federal Lands Highway: 0
 * 110 Truck Route: 0
 206 School Bus Route: 1
 217 Benchmark Elevation: 0000.00
 218 Datum: 0
 * 19 Bypass Length: 02
 * 20 Toll: 3
 * 21 Maintenance: 02
 * 22 Owner: 02
 * 31 Design Load: 6
 37 Historical Significance: 5
 205 Congressional District: 13
 27 Year Constructed: 1969
 106 Year Reconstructed: 0000
 33 Bridge Median: 0
 34 Skew: 00
 35 Structure Flared: 0
 38 Navigation Control: 0
 213 Special Steel Design: 0
 267 Type of Paint: 0
 * 42 Type of Service on: 1
 5
 214 Movable Bridge: 0
 203 Type Bridge: Q
 259 Pile Encasement: 3
 * 43 Structure Type Main: 1 19
 45 No. Spans Main: 002
 44 Structure Type Appr: 0 00
 46 No. Spans Appr: 0000
 226 Bridge Curve Horz: 0 Vert: 0
 111 Pier Protection: 0
 107 Deck Structure Type: N
 108 Wearing Surface Type: N
 M: N
 F: N

Signs & Attachments

225 Expansion Joint Type: 00
 242 Deck Drains: 0
 243 Parapet Location: 0
 Height: 0.00
 Width: 0.00
 238 Curb: 0.00 0
 239 Handrail: 0 0
 * 240 Median Barrier Rail: 0
 241 Bridge Median Height: 0.00
 Width: 0.00
 * 230 Guardrail Loc Dir Rear: 0
 Fwr: 0
 Oppo Dir Rear: 0
 Fwr: 0
 244 Approach Slab: 0
 224 Retaining Wall: 0
 233 Posted Speed Limit: 40
 236 Warning Sign: 0
 234 Delineator: 0
 235 Hazard Boards: 0
 237 Utilities Gas: 00
 W: 00
 Ele: 00
 Telephone: 00
 Se: 00
 247 Lighting Street: 0
 Navigation: 0
 Aerial: 0
 * 248 County Continuity No.: 00

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 063-0083-0

Clayton

SUFF. RATING

88.36

Programming Data

201 Project No.: UNKNOWN
 202 Plans Available: 0
 249 Prop. Proj. No. 0000000000000000
 250 Approval Status: 0000
 251 P.I. No.: 0000000
 252 Contract Date: 02/01/1901
 260 Seismic No.: 00000
 75 Type Work: 00 0
 94 Bridge Imp. Cost: \$ 0
 95 Roadway Imp. Cost: \$ 0
 96 Total Imp Cost: \$ 0
 76 Imp. Length: 000000
 97 Imp. Year: 0000
 114 Future ADT: 037755 Year: 2024

Hydraulic Data

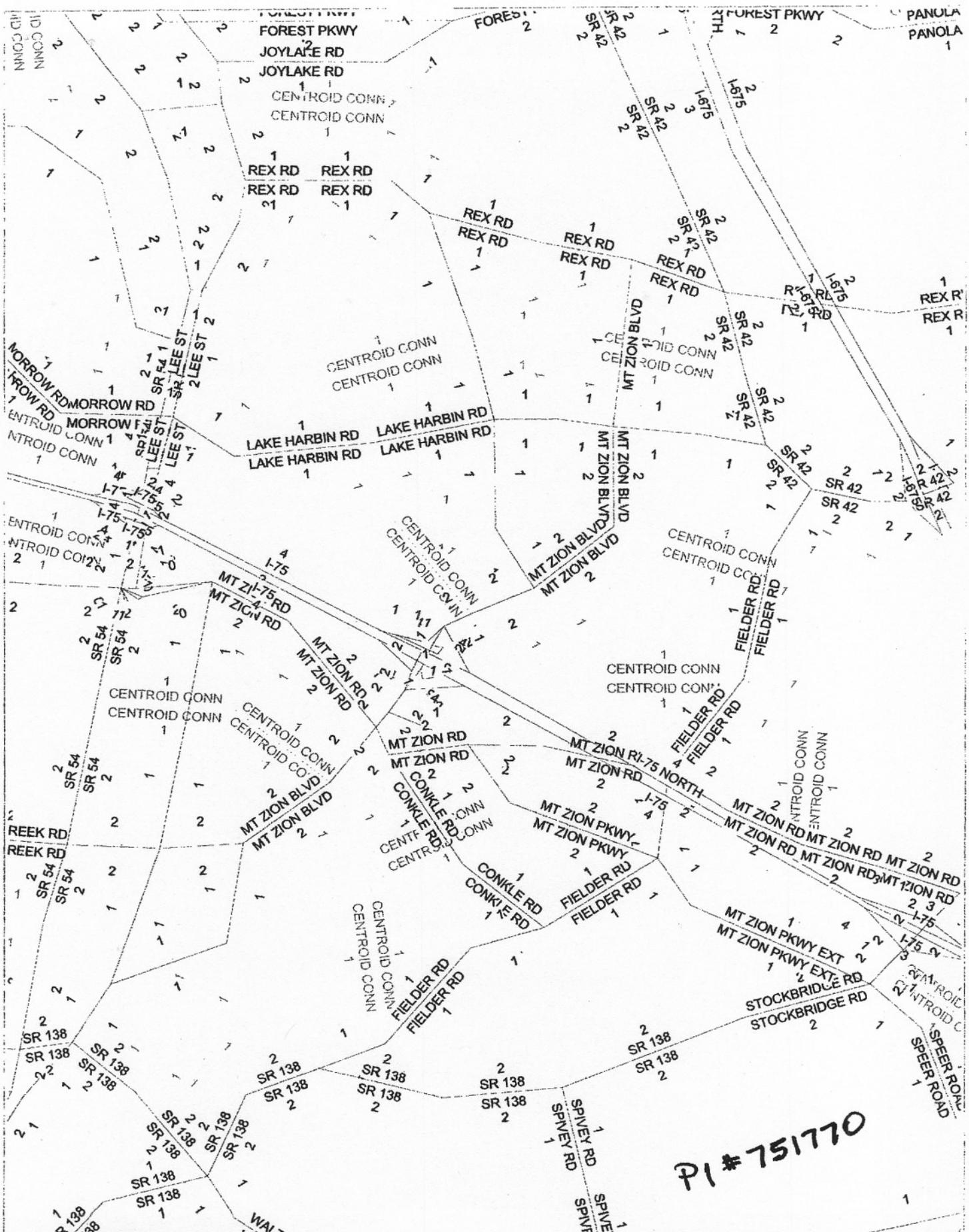
215 Waterway Data
 Highwater Elev.: 0000.0 Year: 1900
 Avg. Streambed Elev.: 0000.0 Freq.: 00
 Drainage Area: 00000
 Area Of Opening: 000240
 113 Scour Critical: 8
 216 Water Depth: 01.4 Br. Height: 13.2
 222 Slope Protection: 0
 221 Spur Dikes Rear: 0 Fwr: 0
 219 Fender System: 0
 220 Dolphin: 0
 223 Culvert Cover: 3
 Type: 1
 No. Barrels: 2
 Width: 10.00 Height: 12.00
 Length: 43 Apron: 0
 * 265 U/W Insp. Area: 0 Diver: ZZZ
 * Location I.D. No.: 063-09108M-004.20E

Measurements

* 29 ADT: 025170 Year: 2004
 109 % Trucks: 2
 * 28 Lanes On: 02 Under: 00
 210 No. Tracks On: 00 Under: 00
 * 48 Max. Span Length: 0010
 * 49 Structure Length: 21
 51 Br. Rwdy. Width: 0.00
 52 Deck Width: 0.00
 * 47 Tot. Horz. Cl: 34.00
 50 Curb/Sdewlk Width: 0.00/0.00
 32 Approach Rdwy Width: 022
 * 229 Shoulder Width:
 Rear Lt: 6.00 Type: 8 Rt: 6.00
 Fwr: Lt: 6.00 Type: 8 Rt: 6.00
 Pavement Width:
 Rear: 22.00 Type: 2
 Fwr: 22.00 Type: 2
 Intersection Rear: 0 Fwr: 1
 36 Safety Features Br. Rail: N
 Transition: N
 App. G. Rail: N
 App. Rail End: N
 53 Minimum Cl. Over: 99 ' 99 "
 Under: N 00 ' 00 "
 * 228 Min. Vertical Cl
 Act. Odm Dir: 99 ' 99 "
 Oppo. Dir: 99 ' 99 "
 Posted Odm. Dir: 00 ' 00 "
 Oppo. Dir: 00 ' 00 "
 55 Lateral Undercl. Rt: N 99.90
 56 Lateral Undercl. Lt: 0.00
 * 10 Max Min Vert Cl: 99 ' 99 " Dir: 0
 39 Nav Vert Cl: 000 Horz: 0000
 116 Nav Vert Cl Closed: 000
 245 Deck Thickness Main: 0.00
 Deck Thick Approach: 0.00
 246 Overlay Thickness: 0.00
 212 Year Last Painted: Sup: 0000 Sub: 0000

Ratings

65 Inventory Rating Method: 5
 63 Inventory Rating Method: 5
 66 Inventory Type: 2 Rating: 27
 64 Operating Type: 2 Rating: 48
 231 Calculated Loads
 H-Modified: 00 0
 HS-Modified: 00 0
 Type 3: 00 0
 Type 3s2: 00 0
 Timber: 00 0
 Piggyback: 00 0
 261 H Inventory Rating: 15
 262 H Operating Rating: 25
 67 Structural Evaluation: 6
 58 Deck Condition: N
 59 Superstructure Condition: N
 * 227 Collision Damage: 0
 60A Substructure Condition: N
 60B Scour Condition: 6
 60C Underwater Condition: N
 71 Waterway Adequacy: 9
 61 Channel Protection Cond: 6
 68 Deck Geometry: N
 69 UnderClr. Horz/Vert: N
 72 Appr. Alignment: 8
 62 Culvert: 7
Posting Data
 70 Bridge Posting Required: 5
 41 Struct Open, Posted, Cl: A
 * 103 Temporary Structure: 0
 232 Posted Loads H-Modified: 00
 HS-Modified: 00
 Type 3: 00
 Type3s2: 00
 Timber: 00
 Piggyback: 00
 253 Notification Date 02/01/1901
 253 Fed Notify Date: 02/01/1901 0



PI # 751770

MINUTES OF MEETING

Project: STP-9108(4&5), P.I. No. 751770, 751775, Widening of Battle Creek Road/Mt. Zion Boulevard, Clayton County

Date: April 11, 2005

| | | |
|------------|----------------|--|
| Attendees: | Mike Lobdell | GDOT District 7 Preconstruction |
| | Scott Lee | GDOT District 7 Preconstruction |
| | Gerald Ford | GDOT District 7 Preconstruction |
| | Marshall Troup | GDOT District 7 Preconstruction |
| | Gary Newton | Kimley-Horn and Associates, Inc. (KHA) |
| | Sean Johnston | Kimley-Horn and Associates, Inc. (KHA) |

This meeting was held in the GDOT District 7 Preconstruction conference room to discuss the level of required public involvement and to determine a preliminary schedule for public meetings. Some project design issues were also discussed.

1. Gary Newton began by stating that the intent of the meeting was to determine when a public meeting would be held, what kind of format would be required, and what information would need to be presented to the public. Gary said that KHA's mapping sub-consultant had completed the digital ortho photography, but no other mapping is currently available.
2. Gary presented a conceptual layout, and described some of the areas of concern along the project. In particular, he discussed the potential closing of the median opening at Mt. Zion Boulevard and Mt. Zion Parkway. Gary said that KHA's traffic analysis shows that closing this intersection would have adverse operational effects on the nearby Mt. Zion Road intersection, and that it is KHA's recommendation that the Mt. Zion Parkway intersection remain open.
3. Mike Lobdell agreed that it is desirable to leave Mt. Zion Parkway open, and said that a design variance would be required. Mike also stated that the number of through lanes designed on Mt. Zion Boulevard must conform to the current ARC TIP model.
4. Gary raised the question of whether or not surveyors could work on private property before a public meeting had been held. Marshall Troup stated that he was unsure if there was any such requirement, and that he would research it.
5. Mike stated that since the project will require an EA instead of a CE, a public hearing would be required. He also said that a draft EA would be required in order to hold a public hearing. Marshall confirmed this. Mike and Scott Lee both said that they believed a public meeting should be held before survey crews are allowed to work outside the right-of-way. Mike said that the purpose of holding a public meeting at this time would be to inform the public that the project is coming in the future and that survey crews will be in the area.

6. Gary asked what information GDOT wanted to show on the public meeting displays. Scott and Mike said that, in addition to conceptual alignments and edges of pavement, existing property lines should be drawn on the display. They suggested using tax maps as reference since property survey is not yet available. Gary asked if owner names should be shown. Scott said that parcel ID numbers would be sufficient data as long as the property statistics spreadsheet is provided at the meeting to assist owners in identifying their properties. Sean Johnston said that KHA could have displays ready in approximately six weeks.
7. Sean suggested that, given the requirements outlined by Mike and Scott, KHA's approach would be to hold a Public Information Open House (PIOH) as soon as possible (within 6-8 weeks), after which survey crews would be authorized to work outside the right-of-way on private property. A Public Hearing would be held during preliminary plan development, once the survey database is complete and the draft EA is approved. Once the Public Hearing is held and the final EA is approved, the project would proceed to PFPR. Mike said that he agreed with this approach.
8. Marshall said that he would check with GDOT Environment/Location to determine if surveyors must wait until after a PIOH to work outside the right-of-way.
9. The group discussed other project design issues, including the location of median openings for auto dealerships on Mt. Zion Boulevard east of I-75.
10. Gary said that KHA would coordinate further with Clayton County and GDOT to determine a suitable date for a PIOH, and would attend a dry run several days before the meeting.

These minutes contain the understanding of KHA representatives regarding discussions, decisions, action items, etc. at the meeting.

Copies: Rob Lewis, CH2M Hill/Clayton County SPLOST Program
Scott Lee, GDOT District 7 Preconstruction
KHA File 019204003, 019204004

MINUTES OF MEETING

Project: STP-9108(4&5), P.I. No. 751770, 751775, Widening of Battle Creek Road/Mt. Zion Boulevard, Clayton County

Date: November 10, 2005

| | | |
|------------|-------------------|--|
| Attendees: | Mike Lobdell | GDOT District 7 Preconstruction |
| | Scott Lee | GDOT District 7 Preconstruction |
| | Gerald Ford | GDOT District 7 Preconstruction |
| | Merishia Robinson | GDOT District 7 Preconstruction |
| | Lowell James | GDOT District 7 Preconstruction |
| | Marshall Troup | GDOT District 7 Preconstruction |
| | Lisa Favors | GDOT Office of Environment Location |
| | Steve Walker | GDOT Office of Planning |
| | Andy Adams | Clayton County |
| | Jeff Metarko | Clayton County |
| | David Rutledge | Clayton County |
| | Terry Legvold | CH2M Hill |
| | Keith Rohling | CH2M Hill |
| | J. Hamlin | Dianna Hunt and Associates |
| | Gary Newton | Kimley-Horn and Associates, Inc. (KHA) |
| | Sean Johnston | Kimley-Horn and Associates, Inc. (KHA) |
| | Chris Mroczka | Kimley-Horn and Associates, Inc. (KHA) |
| | Laura Macgregor | Kimley-Horn and Associates, Inc. (KHA) |

This meeting was held in the GDOT District 7 Preconstruction conference room to discuss the draft concept report prepared by Kimley-Horn and Associates (KHA) for the above referenced project.

1. Gerald Ford began the meeting by asking for introductions from each attendee.
2. Sean Johnston gave a brief presentation of the concept layout, discussing proposed roadway features, major utilities, major structures and other concerns, as well as the proposed reconfiguration of the intersections on Battle Creek Road at Valley Hill Road and Mt. Zion Boulevard.
3. Sean pointed out that while the traffic study recommends a six lane section along Mt. Zion Boulevard from Mt. Zion Road to the I-75 southbound ramps, the project is currently modeled for four lanes, therefore the proposed concept calls for a four lane section. Steve Walker stated that the model description could be updated in the summer of 2006 to include the six lane section. This revised model would be effective until 2012, which would accommodate the proposed opening year of 2011.
4. Sean briefly discussed of right-of-way concerns. J Hamlin noted that it would take approximately 2 years to acquire right-of-way for both projects.

5. Sean briefly discussed utility impacts. These include impacts to the Williams transcontinental gas pipeline near the intersection of Battle Creek Road and Mt. Zion Boulevard. The reconfiguration of this intersection will create impacts to short sections of the pipeline. Most of the costs associated with this impact are associated with the mobilization and operation of equipment and resources to relocate the pipeline, and not the cost of the actual pipeline itself. Other major utility concerns include the widening of the grade crossing on Battle Creek Road at the Norfolk Southern Railroad. KHA will coordinate with the railroad through the GDOT office of utilities during preliminary design.
6. Laura Macgregor briefly discussed environmental concerns. Laura stated that an individual U.S. Army Corps of Engineers 404 permit would be required for stream and wetland impacts on both projects. She said that no significant archaeological resources were found within the study area, and that the only historical resource is the Norfolk Southern Railroad. Mike Lobdell asked what level of environmental analysis would be required. Laura said that an Environmental Assessment/FONSI would be required. Laura also noted the presence of nests indicative of migratory bird species nesting on the Battle Creek Road bridge over Jesters Creek. Bridge construction will not be allowed to take place during the breeding season (March to August) or if active nests are present. Sean noted that bridge construction will be limited to reinforcement of the eastbound superstructure with external carbon fiber wraps on the existing girders.
7. Andy Adams noted that the majority of these two projects will be funded with Clayton County SPLOST funds. These funds must be allocated by December 31st, 2008. This will drive the project schedule and require that right-of-way acquisition begin no later than early 2007. Andy asked if it would benefit the county to shift all of the federal funds to the Mt. Zion Boulevard project (751770) and construct the Battle Creek Road project (751775) solely with SPLOST funds. Lisa Favors said that this would not likely help the county meet its schedule because there would be no logical termini for the Mt. Zion Boulevard project, which would create difficulty in obtaining an approved environmental document.
8. The schedule for approval of the environmental document was discussed. Sean Johnston stated that the draft EA was scheduled to be completed by January of 2006, which would allow for the holding of a public hearing in early May 2006, and final approval of the FONSI by August of 2006. This schedule would allow for final right-of-way plans approval by December of 2006.
9. Gerald Ford reviewed GDOT comments of concept reports for both projects. The need and purpose statement was discussed in detail, and it was suggested that KHA should add a more in-depth description of projects issues and solutions. A table showing the proposed Level of Service (LOS) will be added to this section, as well as a discussion of land use and the need for improved pedestrian facilities.

10. Scott Lee asked that KHA provide a project schedule to GDOT District 7 design staff. Scott said that GDOT would obtain commitments from team members in Right-of-Way, Environment Location and Design to prioritize the project and expedite reviews in order to meet the schedule and ensure the county's ability to allocate SPLOST funds.

These minutes contain the understanding of KHA representatives regarding discussions, decisions, action items, etc. at the meeting.

Copies: Robert Lewis, CH2M Hill/Clayton County SPLOST Program
KHA File 019204003, 019204004

TRAFFIC ANALYSIS SUMMARY

WIDENING OF BATTLE CREEK ROAD PROJECT STP-9108(4), P.I. NO. 751770

Description of the proposed project: Project STP-9108(4) consists of widening Battle Creek Road (CR 1342) and Mt. Zion Boulevard (CR 28) from the existing two and four lane facilities to four 12-foot lanes with a 20-foot raised median and urban shoulders consisting of 2.5-foot curb and gutter, 6-foot grassed strip and 5-foot sidewalks. The project begins on Battle Creek Road at Southlake Parkway (Battle Creek Road M.P. 2.02) and continues to the intersection of Battle Creek Road and Mt. Zion Boulevard (Battle Creek Road M.P. 2.37, Mt. Zion Boulevard M.P. 1.32). This intersection will be realigned to provide an east-west through movement from eastbound Battle Creek Road to eastbound Mt. Zion Boulevard. The project then continues east along Mt. Zion Boulevard, crosses I-75 (Mt. Zion Boulevard M.P. 2.45) and ends at Somerton Drive (Mt. Zion Boulevard M.P. 4.45). The total project length is approximately 18350 feet (3.48 miles)

Level of Service: The following tables illustrate the design year level of service for the proposed roadway conditions as well as the no-build condition. The results of the traffic study show that the proposed improvements will allow each major intersection within the project limits to operate at LOS D or better. The results of the analysis of the no-build alternative show most of the major intersections operating at LOS F. Therefore, the proposed improvements will result in significant reductions in delay and improved Level of Service at each intersection.

| Design Year 2031 Level Of Service (Delay in Seconds) | | |
|---|----------------|----------------|
| Intersection | AM Peak | PM Peak |
| Battle Creek Road at Southlake Parkway | B (18.5) | C (20.4) |
| Battle Creek Road at Mt. Zion Boulevard | B (16.1) | C (27.9) |
| Mt. Zion Boulevard at Mt. Zion Road | C (25.2) | D (50.4) |
| Mt. Zion Boulevard at Mt. Zion Parkway | C (34.2) | D (54.7) |
| Mt. Zion Boulevard at Richardson Parkway | C (26.3) | C (24.1) |
| Mt. Zion Boulevard at Maddox Road | B (16.0) | C (26.4) |
| Mt. Zion Boulevard at Lake Harbin Road | C (28.6) | D (51.4) |

| No-Build Design Year 2031 Level Of Service (Delay in Seconds) | | |
|--|----------------|----------------|
| Intersection | AM Peak | PM Peak |
| Battle Creek Road at Southlake Parkway | C (22.0) | C (29.2) |
| Battle Creek Road at Mt. Zion Boulevard | D (35.3) | D (54.4) |
| Mt. Zion Boulevard at Mt. Zion Road | F (137.2) | F (460.1) |
| Mt. Zion Boulevard at Mt. Zion Parkway | F (89.5) | F (122.1) |
| Mt. Zion Boulevard at Richardson Parkway | F (108.5) | F (135.4) |
| Mt. Zion Boulevard at Maddox Road | F (95.6) | F (84.0) |
| Mt. Zion Boulevard at Lake Harbin Road | D (54.6) | F (148.4) |

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

District 7 Preconstruction

WIDENING OF BATTLE CREEK ROAD AND MT. ZION BOULEVARD

PROJECT CONCEPT REPORT

Project Number: STP-9108(4)

County: CLAYTON

P. I. Number: 751770

Federal Route Number: N/A

State Route Number: N/A

County Route Number: 1342 / 28

SEE PAGE 2 FOR LOCATION SKETCH

Recommendation for approval:

DATE 12/22/05

Neil Selman
Project Manager

DATE 12/22/05

Bay A. Reed
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 1/3/06

Joseph P. Reed
State Transportation Planning Administrator

DATE _____

State Transportation Financial Management
Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

District 7 Preconstruction

WIDENING OF BATTLE CREEK ROAD AND MT. ZION BOULEVARD

PROJECT CONCEPT REPORT

Project Number: STP-9108(4)

County: CLAYTON

P. I. Number: 751770

Federal Route Number: N/A

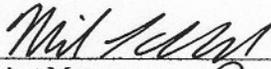
State Route Number: N/A

County Route Number: 1342 / 28

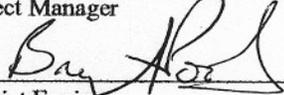
SEE PAGE 2 FOR LOCATION SKETCH

Recommendation for approval:

DATE 12/22/05


Project Manager

DATE 12/22/05


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 the State Transportation Improvement Program (STIP).

DATE _____

State Transportation Planning Administrator

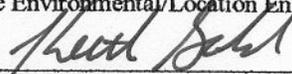
DATE _____

State Transportation Financial Management
Administrator

DATE _____

State Environmental/Location Engineer

DATE 1-6-06


State Traffic Safety and Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

District 7 Preconstruction

WIDENING OF BATTLE CREEK ROAD AND MT. ZION BOULEVARD

PROJECT CONCEPT REPORT

Project Number: STP-9108(4)

County: CLAYTON

P. I. Number: 751770

Federal Route Number: N/A

State Route Number: N/A

County Route Number: 1342 / 28

SEE PAGE 2 FOR LOCATION SKETCH

Recommendation for approval:

DATE 12/22/05

Neil Adams
Project Manager

DATE 12/22/05

Bay Hill
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 1-4-06

James Young
State Transportation Financial Management
Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

District 7 Preconstruction

WIDENING OF BATTLE CREEK ROAD AND MT. ZION BOULEVARD

PROJECT CONCEPT REPORT

Project Number: STP-9108(4)

County: CLAYTON

P. I. Number: 751770

Federal Route Number: N/A

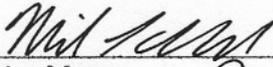
State Route Number: N/A

County Route Number: 1342 / 28

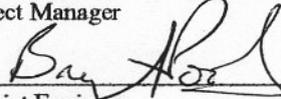
SEE PAGE 2 FOR LOCATION SKETCH

Recommendation for approval:

DATE 12/22/05


Project Manager

DATE 12/22/05


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 the State Transportation Improvement Program (STIP).

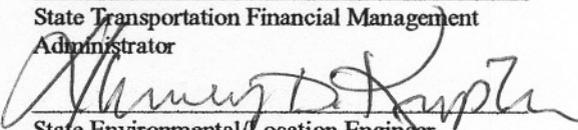
DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Financial Management
Administrator

DATE 10/17/06


State Environmental/Location Engineer

DATE _____

State Traffic Safety and Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

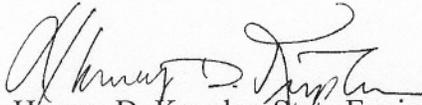
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P.I. No. 751770

OFFICE: Environment/Location

DATE: January 18, 2006

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

TO: Margaret B. Pirkle, Assistant Director of Preconstruction

SUBJECT: **PROJECT CONCEPT REPORT**
STP-9108(4) / Clayton County
Battlecreek – Mt. Zion Blvd. from Southlake Parkway to Lake Harbin Rd.

The above subject concept report has been reviewed. Due to planned road closures, a detour meeting will be required.

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

HDK/lc

Attachment

cc: Brian Summers
Bryant Poole
Keith Golden
Joe Palladi
Jamie Simpson