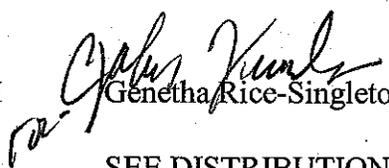


**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** P. I. No. 0008456, Fayette County **OFFICE** Preconstruction  
CSSFT-0008-00(456)  
CS 551/East Crestwood Rd@CR 480/Senoia Rd &  
CSX 639491V-NewSignalized RR grade Crossing **DATE** December 18, 2007

**FROM**  Genetha Rice-Singleton, Assistant Director of Preconstruction

**TO** SEE DISTRIBUTION

**SUBJECT** APPROVED PROJECT CONCEPT REPORT

Attached for your files is the approval for subject project.

Attachment

DISTRIBUTION:

Brian Summers  
Glenn Bowman  
Ken Thompson  
Michael Henry  
Keith Golden  
Angela Alexander  
Paul Liles  
Thomas Howell  
James Phillips  
BOARD MEMBER

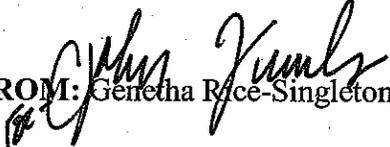
**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENTAL CORRESPONDENCE**

**FILE:** P.I. No. 0008456, Fayette County  
CSSFT-0008-00(456)  
CS 551/ East Crestwood Rd @ CR 480/Senoia Rd &  
CSX 639491V -New Signalized RR Grade Crossing

**OFFICE:** Preconstruction

**DATE:** December 11, 2007

  
**FROM:** Geretha Rice-Singleton, Assistant Director of Preconstruction

**TO:** Gerald M. Ross, P.E., Chief Engineer

**SUBJECT:** *PROJECT CONCEPT REPORT*

This project will build a new signalized at-grade railroad crossing and close two existing at-grade railroad crossings in the town of Tyrone, Georgia. The purpose of this project is to provide a safe crossing of the existing CSX Transportation (CSXT) railroad for Valleywood Road traffic. Valleywood Road crosses main and passing siding tracks near the middle of a three degree railroad curve. This crossing is currently only marked with a railroad crossbuck sign and stop sign on each approach. Currently, the CSXT carries 30 trains per day (16 in the daylight hours and 14 at night) with speeds ranging from 10 to 55 MPH. Accident data indicates two accidents at the Valleywood crossing. One in 1998 with no injuries and the other in 2001 that resulted in two fatalities. Accident data at East Crestwood Road reported no accidents for the past 15 year research period. Projected traffic volumes for the new Crestwood Road railroad crossing are 1800 VPD in the year 2009 and 2100 VPD for the design year 2029.

The proposed new crossing will be located approximately 195' north of the existing East Crestwood Road. The existing railroad crossings at Valleywood Road and East Crestwood Road will be permanently closed. Park Drive will be extended approximately 1,340' south, paralleling the railroad, and tying into an extended East Crestwood Road at North Crestwood Road. North Crestwood Road will be paved and extended over the railroad creating a new crossing and forming a new intersection at Senoia Road and West Crestwood Road. Traffic will be maintained during construction.

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

P.I. No. 0008456, Fayette County

Page 2

December 11, 2007

The estimated costs for this project are:

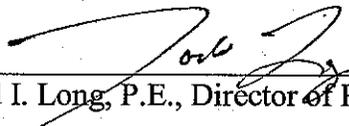
	<u>PROPOSED</u>	<u>APPROVED</u>	<u>FUNDING</u>	<u>PROG DATE</u>
Construction (includes E&C)	\$ 724,000	\$ 650,000	LS40	LUMP
Right-of-way	\$ 182,000			
Utilities	\$ 329,000			

\*Notification letter sent to Tyrone 3-12-07

I recommend this project concept be approved.

<sup>JDQ</sup>  
GRS: JDQ  
Attachment

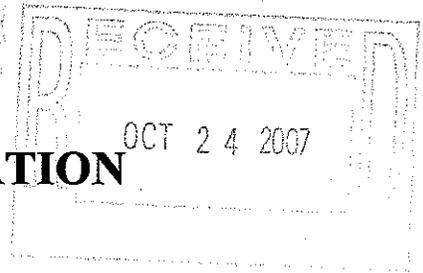
CONCUR

  
\_\_\_\_\_  
Todd I. Long, P.E., Director of Preconstruction

APPROVED

  
\_\_\_\_\_  
Gerald M. Ross, P.E., Chief Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**



**INTERDEPARTMENTAL CORRESPONDENCE**

**FILE:** CSSFT-0008-00(456) Fayette County      **OFFICE:** Engineering Services  
P.I. No. 0008456  
Signalized RR Grade Crossing at Valleywood and East Crestwood Roads

**DATE:** October 24, 2007

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

**TO:** Genetha Rice-Singleton Assistant Director of Preconstruction

**SUBJECT: CONCEPT REPORT**

We have reviewed the Concept Report received October 18, 2007 from Cynthia Burney, and have the following comment. The inflation amount included in the cost estimate should be removed. OFM will include inflation in Tpro.

The costs for this project are:

Construction	\$ 657,772 ✓
E & C	\$ 65,777 ✓
Reimbursable Utilities	\$ 328,600
Right of Way	\$ 181,332

BKS

c: Thomas Howell, Attn.: Cynthia Burney

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

*Office of Traffic Operations*

**PROJECT CONCEPT REPORT**

Project Number: CSSFT-0008-00 (456)  
County: Fayette County  
P. I. Number: 0008456

**CS 551/East Crestwood Rd @ CR 480/Senoia Rd & CSX 639491V**

Federal Route Number: N/A  
State Route Number: N/A

Date of Report: August 7, 2007

Recommendation for approval:

DATE 9/24/07

DATE 10/1/07

James E. Johnson  
Project Manager  
Keith J. Jolley  
State Traffic Engineer

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

DATE \_\_\_\_\_

DATE \_\_\_\_\_

DATE \_\_\_\_\_

DATE \_\_\_\_\_

DATE 10/24/07

\_\_\_\_\_  
State Transportation Planning Administrator  
\_\_\_\_\_  
State Transportation Financial Management Administrator  
\_\_\_\_\_  
State Environmental/Location Engineer  
\_\_\_\_\_  
District Engineer  
Donna  
Project Review Engineer

## SCORING RESULTS AS PER MOG 2440-2

<b>Project Number:</b> CSSFT-0008-00(456)		<b>County:</b> Fayette		<b>PI No.:</b> 0008456	
<b>Report Date:</b> October 1, 2007		<b>Concept By:</b> DOT Office: District 3			
<input checked="" type="checkbox"/> Concept Stage					
<b>Project Type:</b> Choose One From Each Column		<input type="checkbox"/> Major <input checked="" 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 type="checkbox"/> Widening & Reconstruction <input checked="" type="checkbox"/> Miscellaneous	
<b>FOCUS AREAS</b>	<b>SCORE</b>	<b>RESULTS</b>			
<b>Presentation</b>	100				
<b>Judgement</b>	100				
<b>Environmental</b>	100				
<b>Right of Way</b>	100				
<b>Utility</b>	100				
<b>Constructability</b>	100				
<b>Schedule</b>	100				

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE:** P.I. No. 0008456

**OFFICE:** Environment/Location

**DATE:** October 26, 2007

**FROM:**   
Glenn Bowman, P.E., State Environmental/Location Engineer

**TO:** Genetha Rice-Singleton, Assistant Director of Preconstruction

**SUBJECT:** **PROJECT CONCEPT REPORT**  
**CSSFT-0008-00(456) / Fayette County**  
**CS 551/East Crestwood Rd. @ CR 480/Senoia Rd. & CSX 639491V**

The above subject Concept Report has been reviewed and appears satisfactory subject to the following comment:

- 1) The CSX RR is historic. As long as the project does not physically impact the railroad or any contributing features within the railroad R/W, this should not impact the project schedule.

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

GB/lc

Attachment

cc: Brian Summers  
Keith Golden  
Angela Alexander  
Jamie Simpson

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

*Office of Traffic Operations*

**PROJECT CONCEPT REPORT**

Project Number: CSSFT-0008-00 (456)  
County: Fayette County  
P. I. Number: 0008456

**CS 551/East Crestwood Rd @ CR 480/Senoia Rd & CSX 639491V**

Federal Route Number: N/A  
State Route Number: N/A

Date of Report: August 7, 2007

Recommendation for approval:

DATE 9/24/07

DATE 10/1/07

*James E. Johnson*  
Project Manager  
*Sheila J. Goble*  
State Traffic Engineer

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

DATE \_\_\_\_\_

DATE \_\_\_\_\_

DATE 10/26/07

DATE \_\_\_\_\_

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

\_\_\_\_\_  
State Transportation Financial Management Administrator

*Elm Farm*  
State Environmental/Location Engineer

\_\_\_\_\_  
District Engineer

\_\_\_\_\_  
Project Review Engineer



# Department of Transportation

State of Georgia

#2 Capitol Square, S.W.  
Atlanta, Georgia 30334-1002

HAROLD E. LINNENKOHL  
COMMISSIONER  
(404) 656-5206

GERALD M. ROSS, P.E.  
CHIEF ENGINEER  
(404) 656-5277

BUDDY GRATTON, P.E.  
DEPUTY COMMISSIONER  
(404) 656-5212

EARL L. MAHFUZ  
TREASURER  
(404) 656-5224

FILE CSSFT-0008-00 (456) Fayette OFFICE Thomaston  
P.I. No. 0008456  
CS 551/East Crestwood Rd @ CR  
480/Senoia Rd & CSX 639491V

DATE October 23, 2007

FROM David Millen

TO Johnny Quarles  
W/Attachments

SUBJECT **Signed Concept Cover Sheet  
W/Comments**

We have reviewed the concept report on the above project and concur with the recommendation for approval with the comments listed below:

David Millen, Preconstruction Engineer:

As directed in the public involvement section of the concept report, please insure a public meeting is held immediately following concept approval.

DBM: cg

Attachment

cc: Thomas Howell  
David Millen  
Tom Queen  
Mike England  
Kerry Gore

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

Office of Traffic Operations

PROJECT CONCEPT REPORT

Project Number: CSSFT-0008-00 (456)  
County: Fayette County  
P. I. Number: 0008456

CS 551/East Crestwood Rd @ CR 480/Senoia Rd & CSX 639491V

Federal Route Number: N/A  
State Route Number: N/A

Date of Report: August 7, 2007

Recommendation for approval:

DATE 9/24/07

DATE 10/1/07

James E. Johnson  
Project Manager  
Keith Spivey  
State Traffic Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Program (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 10/22/07

J. B. [Signature]  
District Engineer

DATE \_\_\_\_\_

Project Review Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

*Office of Traffic Operations*

**PROJECT CONCEPT REPORT**

Project Number: CSSFT-0008-00 (456)  
County: Fayette County  
P. I. Number: 0008456

**CS 551/East Crestwood Rd @ CR 480/Senoia Rd & CSX 639491V**

Federal Route Number: N/A  
State Route Number: N/A

Date of Report: August 7, 2007

Recommendation for approval:

DATE 9/24/07

DATE 10/1/07

*James S. Johnson*  
Project Manager  
*Sheila Spivey*  
State Traffic Engineer

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

DATE 10/22/2007

DATE \_\_\_\_\_

DATE \_\_\_\_\_

DATE \_\_\_\_\_

DATE \_\_\_\_\_

*Angela J. Alexander*  
State Transportation Planning Administrator  
\_\_\_\_\_  
State Transportation Financial Management Administrator  
\_\_\_\_\_  
State Environmental/Location Engineer  
\_\_\_\_\_  
District Engineer  
\_\_\_\_\_  
Project Review Engineer

## NOTICE OF LOCATION AND DESIGN APPROVAL

Project CSSFT-0008-00 (456)

P.I. No. 0008456

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

The date of location approval is *DECEMBER 18, 2007*

The proposed project will build a new signalized at-grade railroad crossing and close two existing at-grade railroad crossings in the Town of Tyrone in Fayette County, Georgia. The new railroad crossing will be located approximately 195 feet north of the existing East Crestwood Road. The existing railroad crossings at Valleywood Road and East Crestwood Road will be permanently closed. Park Drive will be extended approximately 1,340 feet south, paralleling the railroad, and tying into an extended East Crestwood Road at North Crestwood Road. North Crestwood Road would be paved and extended over the railroad creating a new crossing and forming a new intersection at Senoia Road and West Crestwood Road.

This project is within Land Lots 138, 139, 150 and 151, 7<sup>th</sup> District in Fayette County. 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:

David Coleman  
Area Engineer  
Georgia Department of Transportation  
David.Coleman@dot.state.ga.us  
Griffin Area Office- Area Five  
1001 Highway 19 South  
Griffin, GA 30223  
(770) 228-7205

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:

Jim Tolson  
Traffic Design Manager  
Georgia Department of Transportation  
Office of Traffic Operations  
Jim.Tolson@dot.state.ga.us  
935 E. Confederate Avenue  
Building 24  
Atlanta, GA 30316  
(404) 635-8139

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.

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

*Office of Traffic Operations*

**PROJECT CONCEPT REPORT**

Project Number: CSSFT-0008-00 (456)  
County: Fayette County  
P. I. Number: 0008456

**CS 551/East Crestwood Rd @ CR 480/Senoia Rd & CSX 639491V**

Federal Route Number: N/A  
State Route Number: N/A

Date of Report: August 7, 2007

Recommendation for approval:

DATE 9/24/07

DATE 10/1/07

  
\_\_\_\_\_  
Project Manager  
  
\_\_\_\_\_  
State Traffic Engineer

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

DATE \_\_\_\_\_

DATE \_\_\_\_\_

DATE \_\_\_\_\_

DATE \_\_\_\_\_

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

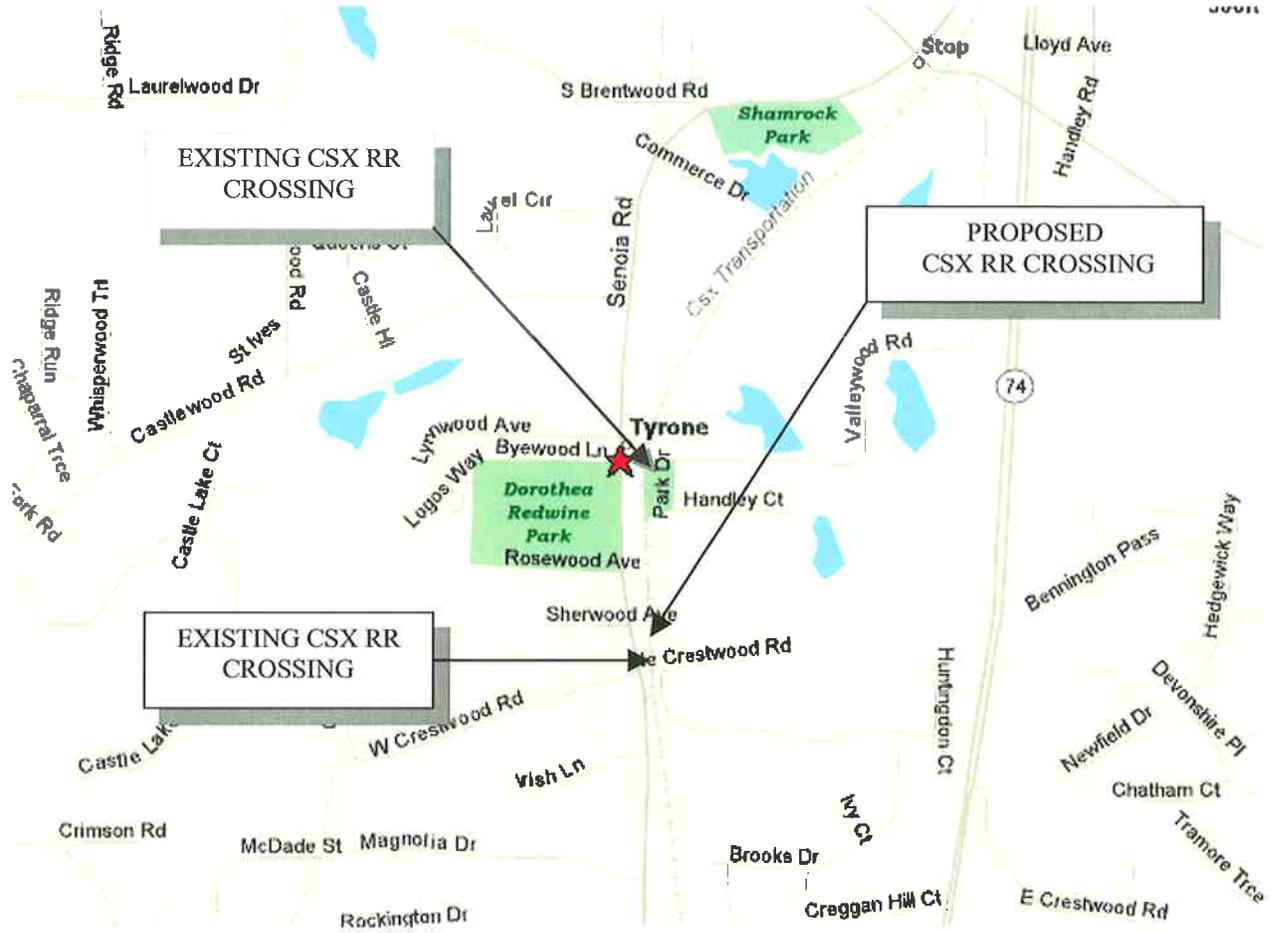
\_\_\_\_\_  
State Transportation Financial Management Administrator

\_\_\_\_\_  
State Environmental/Location Engineer

\_\_\_\_\_  
District Engineer

\_\_\_\_\_  
Project Review Engineer

### VALLEYWOOD ROAD RAILROAD CROSSING SAFETY PROJECT PROJECT LOCATION MAP



### **Need and Purpose:**

The purpose of the project is to provide a safe crossing of the existing CSX Transportation (CSXT) railroad for Valleywood Road traffic. Valleywood Road crosses main and passing siding tracks near the middle of a three-degree railroad curve. This crossing is currently only marked with a railroad crossbuck sign and stop sign on each approach. The curve in combination with the two-track crossing increases the risk of vehicle accidents with trains.

### Planning Background and Project History

In 1994 and in 1997 the closing of this railroad crossing was considered. There were proposals to extend Park Drive 1,520 feet southward to East Crestwood Road. The railroad crossing at East Crestwood Road is equipped with automatic gates and flashing lights. This road extension would require assistance from CSXT in as much as there would be some encroachment on their right-of-way to construct the extension. However, the road extension was not pursued.

### Traffic and Safety

This project proposes operational changes for two existing CSXT Railroad crossings, Valleywood Road and East Crestwood Road.

The Valleywood Road and the East Crestwood Road crossings carry approximately thirty trains a day. Sixteen of those are in the daylight hours from 6:00 a.m. to 6:00 p.m. The remaining 14 trains cross during the evening hours. The speeds at which these trains are traveling at the crossings range from 10 to 55 mph.

Forty-eight hour count data was collected in November 2005 for Valleywood Road and East Crestwood Road. Valleywood Road has an average of 344 vehicles per day, including 4 school buses, using the existing crossing. East Crestwood Road has an average of 1,360 vehicles per day, including 14 school buses, using the existing signalized crossing. Traffic volumes on Valleywood Road are lighter, limited mainly to a few residents and a small subdivision of duplexes. East Crestwood Road has access to State Route 74 and carries more traffic. The proposed project would create a new at-grade railroad crossing between the existing crossings at East Crestwood Road and Valleywood Road. This new railroad crossing would carry approximately 1,800 vehicles per day, including 18 school buses, for the build year 2009.

Accident data available from the U.S. Department of Transportation (Federal Railroad Administration) database reported two accidents at the Valleywood crossing. One was in 1988 in which there were no injuries. The other was in November of 2001, which resulted in two fatalities. In the latter, a vehicle was crossing the tracks on Valleywood Road and did not see the approaching train. The train struck the vehicle killing occupants, the 28-year-old driver and a 6-year-old child. Accident data at East Crestwood Road reported no accidents for the past 15-year research period.

**Description of the proposed project:** The proposed project will build a new signalized at-grade railroad crossing and close two existing at-grade railroad crossings in the Town of Tyrone in Fayette County, Georgia. The new railroad crossing will be located approximately 195 feet north of the existing East Crestwood Road. The existing railroad crossings at Valleywood Road and East Crestwood Road will be permanently closed. Park Drive will be extended approximately 1,340 feet south, paralleling the railroad, and tying into an extended East Crestwood Road at

Project Concept Report page 4  
Project Number: CSSFT-0008-00 (456)  
P.I. Number: 0008456  
County: Fayette

North Crestwood Road. North Crestwood Road would be paved and extended over the railroad creating a new crossing and forming a new intersection at Senoia Road and West Crestwood Road.

**Is the project located in a Non-attainment area?**  Yes  No. This project conforms to the Transportation Improvement Plan. It is listed as project FA- and described as a railroad crossing improvement.

**PDP Classification:** Major  Minor

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

**Functional Classification:**  
Valleywood Road – Local Road  
Park Drive – Local Road  
East Crestwood – Local Road  
West Crestwood – Local Road

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

**Traffic (AADT):**

	<b>Base Year 2009</b>	<b>Design Year 2029</b>
New Crestwood Rd RR Crossing	<u>1,800</u>	<u>2,100</u>

**Existing design features**

- Typical Section:
  - Park Drive - One 12-foot lane in each direction with 2-foot curb and gutter.
  - East Crestwood Road - One 12-foot lane in each direction and with grassed shoulders.
  - West Crestwood Road - One 12-foot lane in each direction and with grassed shoulders
- Posted speed:
  - Park Drive 25 mph
  - East Crestwood Road 35 mph
  - West Crestwood Road 35 mph
- Minimum radius for curve:
  - Park Drive tangent
  - East Crestwood Road 337 ft. radius
  - West Crestwood Road tangent
- Maximum grade:
  - Park Drive 2%
  - East Crestwood Road 4%
  - West Crestwood Road 2%
  - Driveways 4%
- Width of right of way:
  - Park Drive 40 feet
  - East Crestwood Road 40 feet
  - West Crestwood Road 50 feet

- Major structures: None
- Major interchanges or intersections along the project: None
- Existing length of roadway segment: Park Drive is approximately 436 feet in length.

**Proposed Design Features:**

- Proposed typical section(s):
  - Park Drive Extension - One 12-foot lane in each direction with 6-foot grassed shoulders.
  - East Crestwood Road - One 12-foot lane in each direction and with 6-foot grassed shoulders.
  - West Crestwood Road - One 12-foot lane in each direction and with 6-foot grassed shoulders
- Proposed Design Speed Mainline 35 mph (Park Drive Extension)
- Proposed Maximum grade Mainline 2% Maximum grade allowable 7%.
- Proposed Maximum grade Side Street 4% Maximum grade allowable 7%.
- Proposed Maximum grade driveway 7%
- Proposed Minimum radius for curve 500' Minimum radius allowable 371'
- Proposed Maximum super-elevation rate for curve: 4%
- Proposed Maximum degree of curve 11°27'33" Max degree allowable 15° 26' 37"
- Right-of-way
  - Width 60-foot for Park Drive Extension and newly constructed East and North Crestwood roads.
  - Easements: Temporary ( X ), Permanent ( X ), Utility ( X ), Other ( ).
  - Type of access control: Full ( ), Partial ( ), By Permit ( X ), Other ( ).
  - Number of parcels: 7 Number of displacements:
    - Business: \_\_\_\_\_
    - Residences: \_\_\_\_\_
    - Mobile homes: \_\_\_\_\_
    - Other: \_\_\_\_\_
- Structures:
  - Bridges N/A
  - Retaining walls N/A
- Major intersections and interchanges. None
- Traffic control during construction: The majority of the project will be new construction. The rest of the project traffic will be maintained during construction.

- 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; N/A
- Environmental concerns: See attached Environmental Scan report.
- Level of environmental analysis:
  - Are Time Savings Procedures appropriate? Yes (x ), No ( ),
  - Categorical exclusion (x ),
  - Environmental Assessment/Finding of No Significant Impact (FONSI) ( ), or
  - Environmental Impact Statement (EIS) ( ).
- Utility involvements: There are both overhead and underground utilities located within the project limits. These include Georgia Power, Bellsouth, Atlanta Gas Light, Fayette County Water and Sewer.

**Project responsibilities:**

- Design: Georgia Department of Transportation
- Right-of-Way Acquisition: City of Tyrone
- Relocation of Utilities: City of Tyrone
- Letting to contract: Georgia Department of Transportation
- Supervision of construction: Georgia Department of Transportation
- Providing detours. Contractor (if required)

**Coordination**

- Initial Concept Meeting: March 18<sup>th</sup>, 2006, see attached minutes.
- Final Concept meeting date: November 16<sup>th</sup>, 2006, see attached minutes.
- P. A. R. meetings: N/A
- FEMA, USCG, and/or TVA: N/A
- Public involvement. To be determined
- Local government comments: See comments dated November 16<sup>th</sup>, 2006.
- Other projects in the area: none
- Other coordination to date: none
- Railroad –CSX Transportation Railroad

**Scheduling – Responsible Parties’ Estimate**

- Time to complete the environmental process: 8 Months.
- Time to complete preliminary construction plans: 6 Months.
- Time to complete right-of-way plans: 2 Months.
- Time to complete final construction plans: 4 Months.
- Time to complete to purchase right-of-way: 12 Months.
- Time to coordinate with the railroad: 6 Months.

**Other alternates considered:**

Alternate A: Install automatic gates, flashing lights and bells at Valleywood Road crossing. East Crestwood Road crossing is to remain open.

Alternate B: Close existing crossings at Valleywood Road and East Crestwood Drive. Extend Park Drive to connect with the relocated East Crestwood Road and West Crestwood Road intersection. Build new signalized at-grade crossing equipped with automatic gates, flashing lights and bells (eliminates uncertainty as a flasher only crossing is a signalized crossing).

**Comments:** None

**Attachments:**

1. Cost Estimates:
  - a. Construction including E&C,
  - b. Right of Way, and
  - c. Utilities.
2. Typical sections,
3. Traffic Volumes,
4. Environmental Scan Report
5. Minutes of Initial Concept Meeting
6. Minutes of Concept Meeting
7. Minutes of any meetings that show support or objection to the concept
8. Location and Design Notice (On Minor Projects)
9. Memorandum of Understanding (MOU)
10. Concept Layout

**Estimate Report for file "P.I. No. 0008456\_2007-05-09"**

<b>Section Grading and Drainage</b>					
<b>Item Number</b>	<b>Quantity</b>	<b>Units</b>	<b>Unit Price</b>	<b>Item Description</b>	<b>Cost</b>
210-0100	1	Lump Sum	82500.00	GRADING AND DRAINAGE COMPLETE	82500.00
<b>Section Sub Total:</b>					<b>\$82,500.00</b>

<b>Section Base &amp; Paving</b>					
<b>Item Number</b>	<b>Quantity</b>	<b>Units</b>	<b>Unit Price</b>	<b>Item Description</b>	<b>Cost</b>
310-1101	4536	TN	20.78	GR AGGR BASE CRS, INCL MATL	94258.08
402-3113	580	TN	67.66	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	39242.80
402-3143	2705	TN	98.00	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL	265090.00
402-3190	773	TN	72.35	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	55926.55
413-1000	896	GL	2.05	BITUM TACK COAT	1836.80
<b>Section Sub Total:</b>					<b>\$456,354.23</b>

<b>Section Signing and Striping</b>					
<b>Item Number</b>	<b>Quantity</b>	<b>Units</b>	<b>Unit Price</b>	<b>Item Description</b>	<b>Cost</b>
636-1020	100	SF	14.93	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	1493.00
636-1031	32	SF	20.10	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 6	643.20
636-2080	265	LF	11.23	GALV STEEL POSTS, TP 8	2975.95
653-0100	2	EA	375.94	THERMOPLASTIC PVMT MARKING, RR/HWY CROSSING SYMBOL	751.88
653-1501	1200	LF	0.64	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	768.00
653-1502	1200	LF	0.64	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	768.00
653-1704	75	LF	5.50	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	412.50
<b>Section Sub Total:</b>					<b>\$7,812.53</b>

<b>Section Traffic Control</b>					
<b>Item Number</b>	<b>Quantity</b>	<b>Units</b>	<b>Unit Price</b>	<b>Item Description</b>	<b>Cost</b>
1501000	1	Lump Sum	20000.00	TRAFFIC CONTROL	20000.00
<b>Section Sub Total:</b>					<b>\$20,000.00</b>

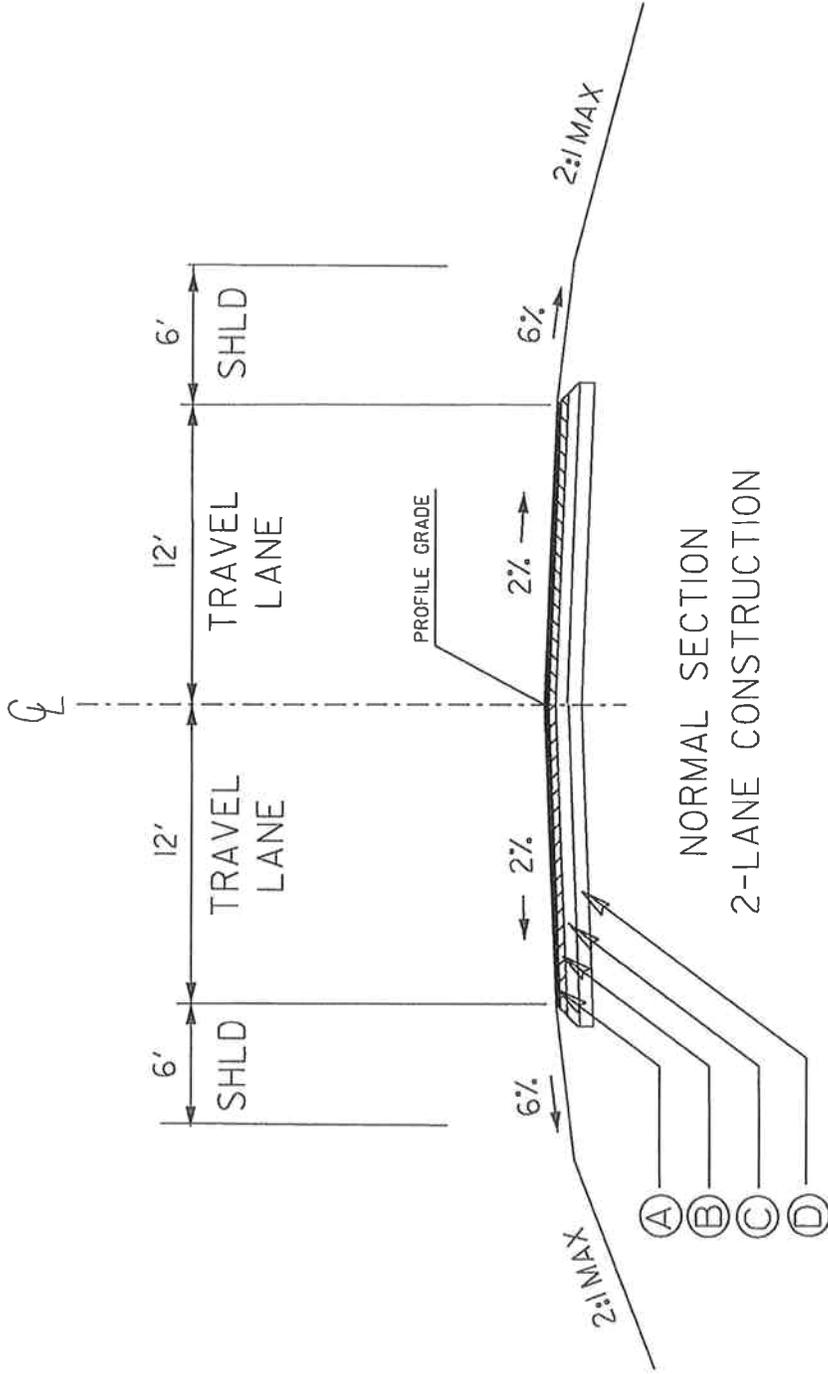
<b>Section Landscaping and Erosion Control</b>					
<b>Item Number</b>	<b>Quantity</b>	<b>Units</b>	<b>Unit Price</b>	<b>Item Description</b>	<b>Cost</b>
163-0232	3	AC	726.07	TEMPORARY GRASSING	2178.21
163-0240	18	TN	168.06	MULCH	3025.08
163-0300	4	EA	1518.45	CONSTRUCTION EXIT	6073.80
165-0010	725	LF	1.03	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	746.75
165-0030	1445	LF	1.77	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	2557.65
165-0101	4	EA	617.94	MAINTENANCE OF CONSTRUCTION EXIT	2471.76
171-0010	725	LF	2.08	TEMPORARY SILT FENCE, TYPE A	1508.00
171-0030	1445	LF	4.08	TEMPORARY SILT FENCE, TYPE C	5895.60
201-1500	1	Lump Sum	62000.00	CLEARING AND GRUBBING	62000.00
700-6910	3	AC	1070.77	PERMANENT GRASSING	3212.31
700-7000	8	TN	70.85	AGRICULTURAL LIME	566.80
700-7010	7	GL	20.69	LIQUID LIME	144.83
700-8000	1	TN	350.44	FERTILIZER MIXED GRADE	350.44
700-8100	158	LB	2.37	FERTILIZER NITROGEN CONTENT	374.46
<b>Section Sub Total:</b>					<b>\$91,105.69</b>

**Total Estimated Cost: \$657,772.45**

<b>Subtotal Construction Cost</b>	<b>\$657,772.45</b>	
E&C Rate 10.0 %	\$65,777.25	
<del>Inflation Rate 5.0 % @ 3.0 Years</del>	<del>\$114,049.52</del>	<i>del 11/14/07</i>
	<u>723,549.70</u>	
<b>Total Construction Cost</b>	<del>\$837,599.22</del>	<i>del 11/14/07</i>
Right Of Way	\$181,332.00	
ReImb. Utilities	\$328,600.00	
	<u>\$1,233,481</u>	
<b>Grand Total Project Cost</b>	<del>\$1,347,531.22</del>	<i>del 11/14/07</i>

\*Reimbursable Utilities include the following Railroad items:

- Cost of Closing Railroad Crossings = \$ 20,000
  - New Gates, Bells & Signals = \$200,000
  - Cost of New Railroad Surface = \$ 33,600
- Total Railroad Items = \$253,600



PROPOSED PAVEMENT

- Ⓐ ASPHALTIC CONC. 12.5 mm TP 1 - SUPERPAVE 165 lbs/SY (1-1/2")
- Ⓑ ASPHALTIC CONC. 19 mm SUPERPAVE 220 lbs/SY (2")
- Ⓒ ASPHALTIC CONC. 25 mm SUPERPAVE 770 lbs/SY (7")
- Ⓓ GRADED AGGREGATE BASE (12")

NOT TO SCALE

**TYPICAL SECTION DIAGRAM**

PARK DRIVE EXTENSION, EAST CRESTWOOD ROAD AND WEST CRESTWOOD ROAD  
 FAYETTE COUNTY



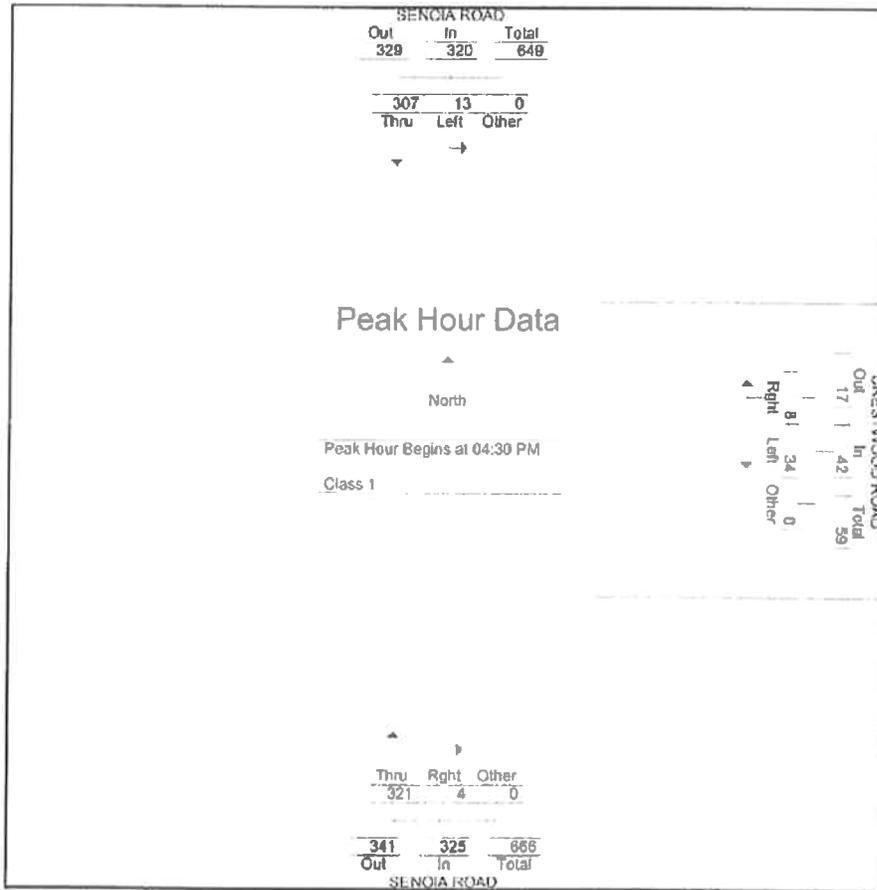


# All Traffic Data Services, Inc.

1111 Kinnett Road  
Covington Ga. 30016  
Ph. 404-374-1283

File Name : SenioaRd&CrestwoodRdPM  
Site Code : 00000000  
Start Date : 12/13/2005  
Page No : 2

Start Time	SENOIA ROAD Southbound			App. Total	CRESTWOOD ROAD Westbound			Thru	SENOIA ROAD Northbound			App. Total	Int. Total
	Left	Thru	Other		Left	Right	Other		Right	Other			
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 04:30 PM													
04:30 PM	5	79	0	84	11	3	0	14	77	1	0	78	176
04:45 PM	2	77	0	79	9	2	0	11	71	2	0	73	163
05:00 PM	4	74	0	78	8	1	0	9	78	0	0	78	165
05:15 PM	2	77	0	79	6	2	0	8	95	1	0	96	183
Total Volume	13	307	0	320	34	8	0	42	321	4	0	325	687
% App. Total	4.1	95.9	0		81	19	0		98.8	1.2	0		
PHF	.650	.972	.000	.952	.773	.687	.000	.750	.845	.500	.000	.846	.939





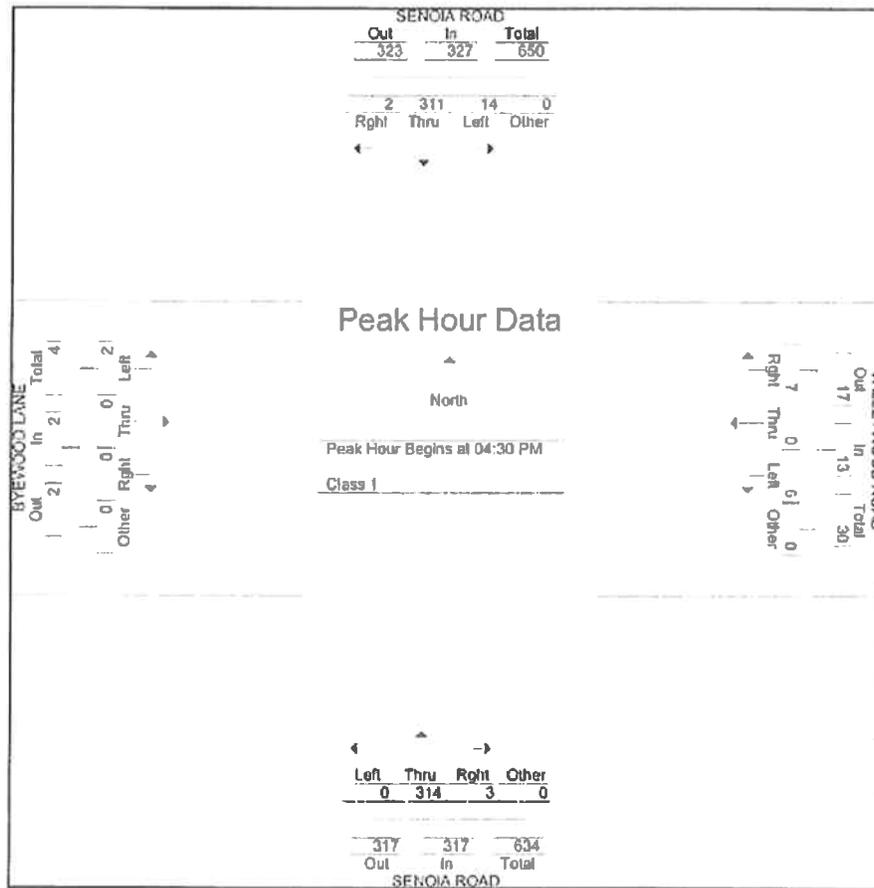


# All Traffic Data Services, Inc.

1336 Farmer Road  
 Conyers Ga. 30012  
 Ph. 404-374-1283

File Name : SenioaRd&ValleywoodRdPM  
 Site Code : 00000000  
 Start Date : 12/13/2005  
 Page No : 2

Start Time	SENOIA ROAD Southbound					VALLEYWOOD ROAD Westbound					SENOIA ROAD Northbound					BYEWOOD LANE Eastbound					
	Left	Thru	Right	Other	App Total	Left	Thru	Right	Other	App Total	Left	Thru	Right	Other	App Total	Left	Thru	Right	Other	App Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	4	81	1	0	86	1	0	4	0	5	0	72	1	0	73	2	0	0	0	2	166
04:45 PM	3	75	0	0	78	3	0	0	0	3	0	70	2	0	72	0	0	0	0	0	153
05:00 PM	5	78	0	0	83	2	0	2	0	4	0	78	0	0	78	0	0	0	0	0	165
05:15 PM	2	77	1	0	80	0	0	1	0	1	0	94	0	0	94	0	0	0	0	0	175
Total Volume	14	311	2	0	327	6	0	7	0	13	0	314	3	0	317	2	0	0	0	2	650
% App. Total	4.3	95.1	0.6	0		46.2	0	53.8	0		0	99.1	0.9	0		100	0	0	0		
PHF	.700	.960	.500	.000	.951	.500	.000	.438	.000	.650	.000	.835	.375	.000	.843	.250	.000	.000	.000	.250	.941



**Tyrone Railroad Crossing Environmental Scan**  
**Fayette County, Georgia**  
**June 2006**

A preliminary survey of the proposed project area has been conducted in order to identify potential cultural, social, and ecological resources within the project corridor. All of these factors could affect project implementation and the course of documentation that would be necessary to fulfill preconstruction and permitting requirements.

**Project Description**

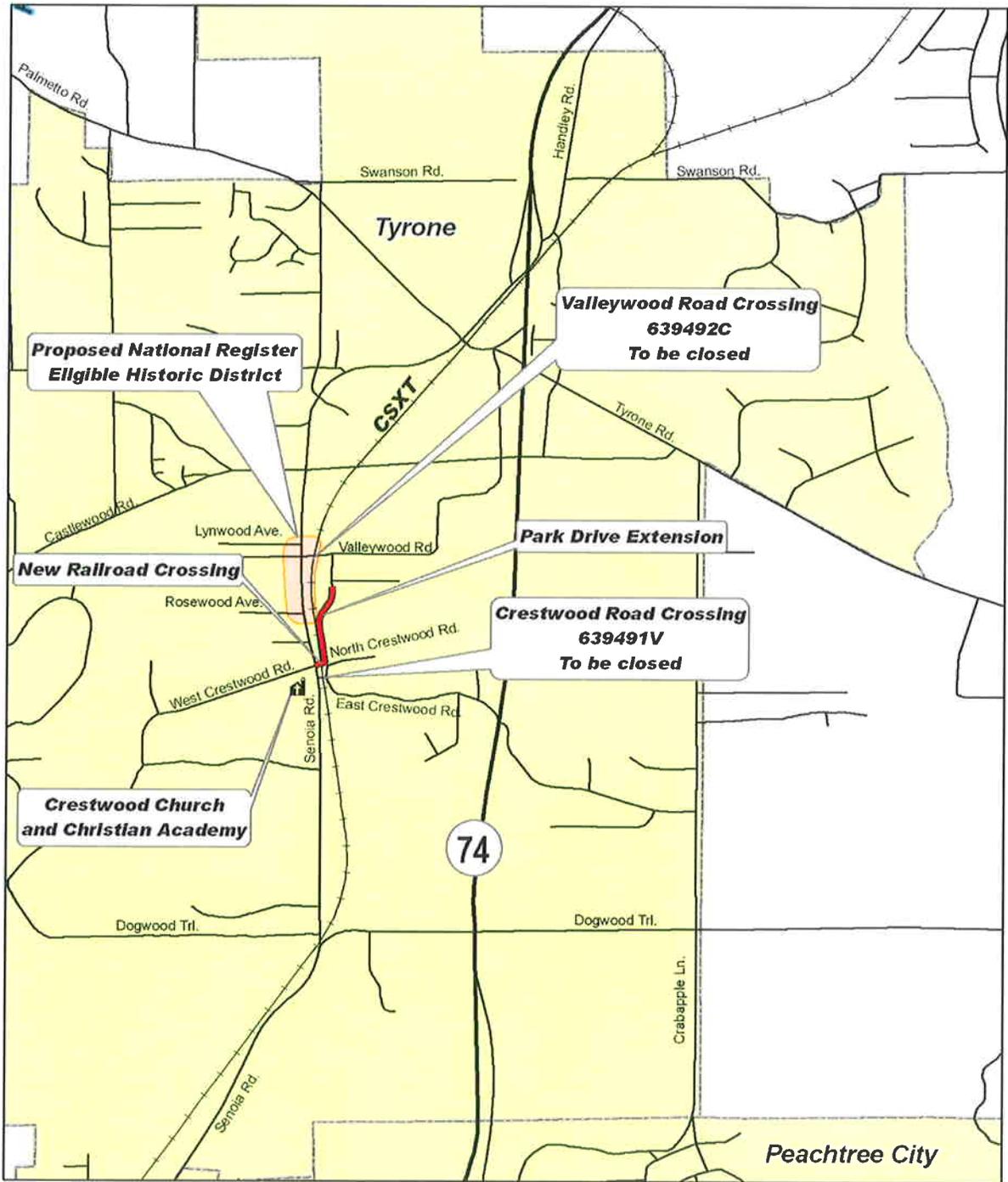
The proposed project will build a new signalized at-grade railroad crossing and close two existing at-grade railroad crossings in the Town of Tyrone in Fayette County, Georgia. The new railroad crossing will be located approximately 195 feet north of the existing East Crestwood Road. The existing railroad crossings at Valleywood Road and East Crestwood Road will be permanently closed. Park Drive will be extended approximately 1,340 feet south, paralleling the railroad, and tying into an extended East Crestwood Road at North Crestwood Road. North Crestwood Road would be paved and extended over the railroad creating a new crossing and forming a new intersection at Senoia Road and West Crestwood Road (see project location map).

**Cultural Environment**

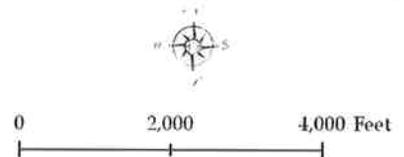
*Historic Properties:*

Background research was conducted at the Georgia State Historic Preservation Office to determine if any previously identified historic properties were located within the area of potential effects (APE) of the proposed project. No properties listed in or nominated for listing in the National Register, National Historic Landmarks, or bridges determined eligible for inclusion in the National Register were identified within the APE. However, the 1990 Department of Natural Resources Fayette County survey identified seven (7) properties 50 years old or older within the proposed project's APE. These survey sites were FY-101, FY-102, FY-103, FY-104, FY-105, FY-106, and FY-107. All seven (7) properties identified in the 1990 DNR Fayette County survey have been determined to still exist.

A field survey was conducted within the APE of the project in 2006. In addition to the seven (7) previously identified properties 50 years old or older, the field research revealed eight (8) additional properties 50 years old or older within the proposed APE for a total of fifteen (15). Of the fifteen (15) properties identified as 50 years old or older, ten (10) are considered potentially eligible for inclusion in the National Register as a local historic district. These ten (10) structures include the CSX Railroad and nine (9) residences constructed between c. 1890 and c. 1935. These houses reflect a variety of late-nineteenth and early-twentieth century housing types including Gabled El, Queen Anne Cottage, Central Hallway, and Bungalow. The following historic resources are considered potentially eligible as a National Register historic district:



Proposed At-Grade Railroad Crossing  
Tyrone, GA



**Identified Historic Structures within a  
Potentially Eligible National Register Historic District**

<b>1</b>	<b>802 Senoia Road</b>	<b>Identified 2006</b>	<b>Gabled El</b>
<b>2</b>	<b>822 Senoia Road</b>	<b>Identified 2006</b>	<b>Unidentified Type</b>
<b>3</b>	<b>816 Senoia Road (FY-101)</b>	<b>1990 DNR Survey</b>	<b>Central Hallway</b>
<b>4</b>	<b>814 Senoia Road (FY-102)</b>	<b>1990 DNR Survey</b>	<b>Bungalow</b>
<b>5</b>	<b>808 Senoia Road (FY-103)</b>	<b>1990 DNR Survey</b>	<b>Queen Anne Cottage</b>
<b>6</b>	<b>788 Senoia Road (FY-104)</b>	<b>1990 DNR Survey</b>	<b>Queen Anne Cottage</b>
<b>7</b>	<b>784 Senoia Road (FY-105)</b>	<b>1990 DNR Survey</b>	<b>Bungalow</b>
<b>8</b>	<b>778 Senoia Road (FY-106)</b>	<b>1990 DNR Survey</b>	<b>Queen Anne Cottage</b>
<b>9</b>	<b>772 Senoia Road (FY-107)</b>	<b>1990 DNR Survey</b>	<b>Queen Anne Cottage</b>
<b>10</b>	<b>Railroad parallel to Senoia Rd</b>	<b>Identified 2006</b>	<b>CSX Railroad</b>

**Social Environment**

*Land Use Changes:*

An environmental scan was performed for the proposed railroad crossings at East Crestwood Road and Valleywood Road. We anticipate that much of proposed project would be constructed on railroad right-of-way. Additional right-of-way required would be obtained from the Handley property and Wallace property located east of the existing railroad tracks. The remaining amount would be obtained from the Crestwood Baptist Church and Christian Academy property located west of the existing railroad tracks and fronting on West Crestwood Road.

*Churches and Institutions:*

The environmental scan identified one church and its affiliated school within the proposed project's APE. Crestwood Baptist Church and Christian Academy are both located on the same site at the southwest corner of the Senoia Road/West Crestwood Road intersection and west of the existing CSX Railroad crossing at West Crestwood Road. The proposed project would not have any adverse affect on the church or the church's property.

*Parks/Recreation Areas/Wildlife Refuges:*

One park was identified during the environmental scan. Fabon Brown Park is located southeast of the Valleywood Road CSX railroad crossing. The park consists of one small structure and several small pieces of playground equipment. The proposed project would not impact the park property.

### *Public Involvement:*

The closing of the railroad crossings at both East Crestwood Road and Valleywood Road and replacing them with a signalized railroad crossing at a centralized location would provide a safer crossing for the surrounding neighborhood. There has been no public opposition due to this project. Following two accident fatalities in 2001, the Town of Tyrone has voiced safety concerns with regard to these railroad crossings and has supported this project. A public meeting should be held to provide citizens with the project information regarding design and duration of the construction of this project. The meeting should be held in a location close to the project site. This should reduce the amount of public controversy if the public knows what to expect prior to the initial construction.

### **Natural Environment**

#### *Invasive Species:*

During the survey, two invasive species, Chinese privet (*Ligustrum sineuse*) and Japanese Honeysuckle (*Lonicera japonica*), were observed at the CSX Railroad crossing located at Valleywood Road. In accordance with Executive Order 13112, a survey for populations of invasive species that may be spread during construction was conducted for this project. The invasive species for which the survey was conducted are those that have been identified by GDOT as having the highest priority due to environmental and economic impacts caused by those species. The selected species and the management practices specified will be re-evaluated and revised as appropriate as more information is obtained.

Measures should be taken into consideration during project construction to prevent or minimize the spread of these species as appropriate for the time of the year. These measures would include removal and disposal of vegetative parts in the soil that may reproduce by root raking prior to moving the soil, burning on site any such parts and aboveground parts that bear fruit, controlling or eradicating infestations prior to construction, and cleaning of vehicles and other equipment prior to leaving the infested site. The measures used would be those appropriate for the particular species and the specific site conditions that exist as described in *Georgia Standard Specifications Section 201, Clearing and Grubbing of Right-Of-Way*.

### **Physical Environment**

#### *Construction/Utilities:*

During the environmental scan, the Peachtree City High Pressure Natural Gas station was identified within the APE. According to the preliminary design, it appears that the proposed improvements to the E. Crestwood Road railroad crossing would not affect the natural gas station. The direction of the high-pressure gas lines could not be determined during the environmental scan, however the gas lines would be identified and labeled prior to construction.

## **Initial Concept Meeting**

Subject: Preliminary Valleywood Road Crossing Concept Meeting Notes

Meeting occurred at Tyrone Town Hall, 10:05-11:15am, Wednesday 22 March 2006

Attending:

Barry Amos, Tyrone Town Manager                      Valerie Fowler, Assistant Tyrone Town Manager  
Key Phillips, RR Xing Program Manager, GDOT Office of Traffic Safety and Design  
Tim Smith, RR Crossing Engineer, GDOT Office of Traffic Safety and Design  
John Moretto, GDOT District 3 Traffic Operations Manager  
L.N. Manchi, Contract Manager, Moreland Altobelli Associates  
Angie Bastian, GDOT Consultant, Moreland Altobelli Associates  
Dave Bearse, GDOT Consultant, Moreland Altobelli Associates  
CSX Transportation (CSXT) representative Bob Martin was unable to attend

Three alternatives were presented and discussed:

- A    Install gates at the Valleywood Road crossing and pave Valleywood Road from Senoia Road to and through the Park Drive intersection.
- B1   Close the existing Valleywood Road crossing and extend Park Drive south to connect to N.E. Crestwood Road, and improve N.E. Crestwood Road to East Crestwood Road.
- B2   Close the existing Valleywood Road crossing and extend Park Drive south to connect to N.E. Crestwood Road, and improve N.E. Crestwood Road to East Crestwood Road, close the existing East Crestwood Road crossing and construct a new East Crestwood between West Crestwood Road at Senoia Road and N.E. Crestwood Road equipped with automatic gates, flashing lights, and bell(s).

The possibility of an alternative extension of Park Drive in connection with a new East Crestwood Road crossing that would be south of the existing crossing was discussed.

Mr. Amos advised that the city approved of beginning the reverse curve that would be used to align the Park Drive parallel to CSXT at the existing south end of Park Drive contingent on this alignment not impacting a large tree in the south center portion of the park. This alignment would minimize non-CSXT right-of-way requirements. It would sever a sliver of the park from the main park but the lost area would more than be compensated by a remnant triangularly shaped portion of land between the park, Park Drive and the railroad that presumably would be added to the south end of the park. The proposed alignment very likely would not impact the tree.

Mr. Amos advised the city much preferred Alternatives B1 or B2, and preferred B2 to B1 because it would consolidate two Senoia Road T-intersections that were close together into a single four-way intersection.

## **Concept Meeting**

**HELD:** November 16, 2006 between 10:00 a.m. and Noon in Town of Tyrone Offices Conference Room

### **ATTENDEES LIST**

Barry Amos, Tyrone Town Manager  
Valerie Fowler, Assistant Tyrone Town Manager  
Key Phillips, RR Xing Program Manager, GDOT Office of Traffic Safety and Design  
Tim Smith, RR Crossing Engineer, GDOT Office of Traffic Safety and Design  
Mike England, GDOT District 3 Office  
Michael Presley, GDOT District 3 Office  
Kerry Gore, GDOT District 3 Office  
L.N. Manchi, Moreland Altobelli Associates (MA)  
Dave Bearse, GDOT Consultant, Moreland Altobelli Associates (MA)  
Leslie Scherr, CSX Transportation (CSXT)  
Tom Drake, FRA

Key Phillips provided a brief background of the project and the work done to date, including the preliminary concept meeting that was held in March 2006. L. N. Manchi briefly explained the three concept options that were investigated and primarily focused on Alternative B2. The alternative is to close the Valleywood Road crossing and extend Park Drive to a relocated Crestwood Road crossing. It utilizes a rural roadway cross-section without curb and gutter or adjacent paths or sidewalks. The rural roadway for Park Drive was decided upon to reduce the overall cost of the project.

Kerry Gore was interested if there was any consideration given to providing Senoia Road turn lanes with the anticipated increase in highway traffic using the relocated Crestwood Road crossing. Barry Amos indicated that the additional lanes would be Tyrone's responsibility, with the Town of Tyrone likely to impose that cost on the responsible party (developer or developers).

Barry Amos mentioned that Tyrone prefers a concrete crossing surface at the new Crestwood crossing. CSXT standard for a Crestwood type road is asphalt and timber/rubber edge.

It was agreed that the storm-water flow and capacity as they affect CSXT would be given special attention during the design phase.

Barry Amos & Tom Drake discussed the possibility of a quiet zone area. Current CSXT standard is constant warning time crossing signal control equipment. Proposed crossing geometry will not accommodate a median barrier conforming to Quiet Zone requirements. Tyrone may cooperate with Peachtree City to study and develop a joint Quiet Zone, but study and development of a quiet zone is outside the scope of this project.

It was agreed that GDOT would do preliminary engineering, design and let construction and handle agreements, except for supporting and auxiliary work that would be the responsibility of Tyrone or CSXT.

In reviewing the cost estimate prepared by MA, it was agreed that the \$200,000 estimate for new crossing signals could be low because the relocated crossing is a two-track crossing and an end of passing siding is involved. There may be opportunity to reuse circuits and components from the existing Crestwood Road crossing signals to some extent that would reduce costs. Crossing design at the new Crestwood Road crossing can consider future installation of four-quadrant gates only to the extent that cost is nominal. The design must not require additional construction or equipment whose sole purpose is to accommodate future four-quadrant gates. It was also agreed by the attendees that the Town of Tyrone must pursue four-quadrant gate installation independently, and that construction could not begin until after construction of the proposed project is complete and in service.

The Town of Tyrone will be responsible for the cost of right-of-way and utility work, and will be responsible for any and all design and construction work required north of the south limit of the existing adjacent duplex housing development. GDOT staff agreed that they would make every effort to facilitate coordinated engineering and contracting and interagency agreements for the Tyrone portion of the project with the GDOT/CSXT portions of the project.

CSXT will contribute that portion of its current right-of-way needed for the Park Drive extension. Early ROW acquisition for the Town of Tyrone portion of the right-of-way needs to be coordinated with the GDOT ROW staff in the District 3 office.

CSXT will further contribute to the project by handling removal and proper disposal of existing Valleywood and Crestwood crossing surfaces and pavements from outer ditchline to outer ditchline. Tyrone will obtain CSXT and GDOT approval concerning the disposition of that portion of Valleywood Road between Senoia Road and Valleywood Road exclusive of the portion removed by CSXT, i.e. the manner of signing, barricading and/or removal of Valleywood Road. Tyrone will be responsible for executing the approved plan as part of its responsibility for anything adjacent to the duplex housing. GDOT will be responsible for removing all existing Crestwood Road pavement between Senoia Road and the west edge of pavement of the realigned Crestwood Road east of the crossing (exclusive of the portion removed by CSXT), grading as necessary to remove any superficial sign of the removed road's location, and establish grass.

It was mentioned that GDOT would match up to \$7,500 as crossing closure incentive to the Town of Tyrone provided CSXT chooses to participate. However, the matching funds from the Department can only be used for transportation safety improvements within the Town of Tyrone.

GDOT would bear the cost of new crossing signals at the relocated crossing, and construction of the extension of Park Drive except for the Town of Tyrone portion of the extension.

Alternative B2 is the alternative preferred by Town of Tyrone, GDOT and CSXT. MA will proceed to complete the concept report based on this as preferred alternative. Right-of-way (ROW) on the side opposite the railroad from the extended Park Drive sufficient to allow for construction of a future golf cart path will be obtained.

GDOT had suggested Senoia Road intersection improvement (right and left only turn lanes) in connection with the B1 and B2 alternatives. Intersection improvement may be especially

expensive because of utilities, most notably the transcontinental natural gas pipelines located just south of the existing East Crestwood Road crossing. Barry Amos approved eliminating Senoia Road intersection improvement to reduce project cost. He stated that the Town of Tyrone would subsequently have opportunity to pursue intersection improvements when new developments occur in the area.

It was agreed that the Town of Tyrone would be responsible for the expense and execution of the entire portion of the Park Drive extension located north of the south boundary of the Valleywood Corners plat. The southern boundary of the Valleywood Corners flat is located approximately 600 feet south of the Valleywood Road right-of-way. The Department agreed that it would coordinate engineering, interagency agreements and construction of the Department's portion of the improvement with that of the Town of Tyrone's portion of the improvement.



# Department of Transportation

HAROLD E. LINNENKOHL  
COMMISSIONER  
(404) 656-5206

DAVID E. STUDSTILL, JR., PE  
CHIEF ENGINEER  
(404) 656-5277

State of Georgia  
#2 Capitol Square, S.W.  
Atlanta, Georgia 30334-1002

BUDDY GRATTON, P. E.  
DEPUTY COMMISSIONER  
(404) 656-5212

EARL L. MAHFUZ  
TREASURER  
(404) 656-5224

March 13, 2007

Mr. Leslie L. Scherr,  
Principal Manager – Public Projects  
CSX Transportation, Inc.,  
500 Water Street, J-301  
Jacksonville, Florida 32202

Project No.: PESFT-0008-00(456) Fayette County  
Description: 551/East Crestwood Road @ CR 480/Senoia Road & CSX crossing # 639491V;  
Includes Valleywood Road crossing closure and Park Drive extension.

Dear Mr. Scherr:

Attached is one signed original counterpart of the Memorandum of Understanding (MOU) between the Town of Tyrone, CSX Transportation, Inc. and the Georgia Department of Transportation concerning the above referenced project. In accordance with the terms of the MOU we will now begin the preliminary engineering phase of the project and will be contacting you as needed to coordinate the plan development process and obtain warning device plans and estimates.

Should you have any questions concerning this matter please contact Mr. Key Phillips of this office at 404-635-8120.

Sincerely,

A handwritten signature in cursive script, appearing to read "James Key Phillips".

James Key Phillips  
Railroad Crossing Program Manager

For: Jeff Baker, P.E.  
State Utilities Engineer

JB:jkp  
Attachment  
cc: L.N. Manchi, MAAI

Office of Utilities, 935 E. Confederate Ave., Bldg. 24, Atlanta, Georgia 30316, Phone: 404-635-8120



# Department of Transportation

HAROLD E. LINNENKOHL  
COMMISSIONER  
(404) 656-5206

DAVID E. STUDSTILL, JR., PE  
CHIEF ENGINEER  
(404) 656-5277

State of Georgia  
#2 Capitol Square, S.W.  
Atlanta, Georgia 30334-1002

BUDDY GRATTON, P. E.  
DEPUTY COMMISSIONER  
(404) 656-5212

EARL L. MAHFUZ  
TREASURER  
(404) 656-5224

March 13, 2007

Barry Amos, Town Manager  
Town of Tyrone  
881 Senoia Road  
Tyrone, Georgia 30290

Project No.: PESFT-0008-00(456) Fayette County  
Description: 551/East Crestwood Road @ CR 480/Senoia Road & CSX crossing # 639491V;  
Includes Valleywood Road crossing closure and Park Drive extension.

Dear Mr. Amos:

Attached is one signed original counterpart of the Memorandum of Understanding (MOU) between the Town of Tyrone, CSX Transportation, Inc. and the Georgia Department of Transportation concerning the above referenced project. In accordance with the terms of the MOU we will now begin the preliminary engineering phase of the project and will be contacting you as needed to coordinate the plan development process.

Should you have any questions concerning this matter please contact Mr. Key Phillips of this office at 404-635-8120.

Sincerely,

A handwritten signature in cursive script, appearing to read "James Key Phillips".

James Key Phillips  
Railroad Crossing Program Manager

For: Jeff Baker, P.E.  
State Utilities Engineer

JB:jkp  
Attachment

cc: L.N. Manchi, MAAI

**PROJECT:**  
**Valleywood Road and Crestwood Road Highway-Railroad Grade Crossing Improvements**

County: Fayette

PI# 0008456

MEMORANDUM OF UNDERSTANDING, (“MOU”), by and between the **Georgia Department of Transportation** (hereinafter the “DEPARTMENT”), the **Town of Tyrone, Georgia** (hereinafter the “TOWN”) and **CSX Transportation, Inc.** (hereinafter “CSXT”) [collectively hereinafter the “PARTIES”].

**WHEREAS**, the DEPARTMENT, TOWN and CSXT propose to improve highway-railroad grade crossing safety in the TOWN; and

**WHEREAS**, the preferred highway-railroad grade crossing safety improvement concept (hereinafter the “IMPROVEMENT”) consists of closing the Valleywood Road grade crossing and extending Park Drive to a relocated E. Crestwood Road grade crossing; and

**WHEREAS**, the PARTIES seek to apportion responsibility and expenses for various aspects and components of the IMPROVEMENT.

**NOW THEREFORE**, the following is hereby mutually agreed to and understood by the PARTIES:

1. Exhibit A of this MOU depicts the preferred concept, known as Alternative B2. Details are subject to change as the Exhibit A IMPROVEMENT is progressed through the DEPARTMENT’s Plan Development Process (“PDP”).
2. The DEPARTMENT except as identified herein is responsible for the expense and execution of the IMPROVEMENT.
3. The TOWN except as identified herein is responsible for the expense and execution of the entire portion of the IMPROVEMENT located north of the south boundary of the Valleywood Corners plat, the southern boundary of which is located approximately 600 feet south of the Valleywood Road right-of-way. The DEPARTMENT agrees it will coordinate engineering, interagency agreements and construction of the DEPARTMENT’s portion of the IMPROVEMENT with that of the TOWN portion of the IMPROVEMENT.
4. The plans and estimates for the IMPROVEMENT shall be subject to approval of the PARTIES prior to advertising for bids or execution of any work. The PARTIES assure each other that all work will be completed in accordance with the approved plans and specifications, and that they will consult with the other PARTIES before authorizing any changes or deviations.

5. Upon completion of the work and upon certification by the DEPARTMENT's engineers that the work has been completed in accordance with plans and specifications, the TOWN and CSXT will accept the IMPROVEMENT and will thereafter operate and maintain their respective portions of the IMPROVEMENT without further cost to the DEPARTMENT or its contractor.

6. The TOWN will be responsible for obtaining all right-of-way ("ROW") or permanent easement required for the IMPROVEMENT. The TOWN may acquire ROW or permanent easement on the side opposite the railroad from the Park Drive extension sufficient to allow for future construction of a sidewalk or golf cart path. The TOWN agrees it will not in the future install a sidewalk or golf cart path on the railroad side of the Park Drive extension on property that is currently CSXT ROW without CSXT's express approval. The TOWN will closely work with the DEPARTMENT to investigate early right-of-way acquisition options.

7. The TOWN will be responsible for all utility relocation or other utility expenses including any utility relocation or other utility expenses within the DEPARTMENT's portion of the IMPROVEMENT.

8. Relocated E. Crestwood Road and the Park Drive extension will be a rural roadway cross-section without curb and gutter or adjacent paths or sidewalks. The DEPARTMENT will be responsible for arranging for the installation of automatic grade crossing warning devices and crossing surfaces at the relocated E. Crestwood Road crossing as part of the IMPROVEMENT.

9. The DEPARTMENT or its contractor will be responsible for removal and proper disposal of existing E. Crestwood Road pavement located between Senoia Road and the west line of the realigned E. Crestwood Road east of the crossing, any grading required to remove superficial sign of the removed road's location, and establishing grass, exclusive of that portion to be removed by CSXT as identified below.

10. CSXT will contribute to the IMPROVEMENT by conveying to the TOWN legal ownership of, or a permanent easement for that portion of its current ROW that is required for the IMPROVEMENT.

11. CSXT will contribute to the IMPROVEMENT by removing and properly disposing of all existing Valleywood and E. Crestwood Road pavements and crossing surface materials located between the outer ditchlines on each side of its tracks.

12. CSXT will contribute to the IMPROVEMENT by bearing the cost of retiring the crossing signals at the existing E. Crestwood Road crossing. CSXT will endeavor to reuse circuits and components from the existing E. Crestwood Road crossing signal installation to the extent that reuse reduces crossing signal installation expense at the relocated E. Crestwood Road crossing and conforms with current CSXT crossing signal

design and installation standards. The TOWN may pursue four-quadrant gate installation independently of the IMPROVEMENT as a supplemental safety measure for the future implementation of a Quiet Zone. The IMPROVEMENT's design must not require any additional materials, equipment or construction whose sole purpose is to accommodate future four-quadrant gates or Quiet Zone requirements.

13. In addition to aforementioned contributions, CSXT will make a crossing closure incentive payment in the amount of \$7,500.00 to the TOWN for the permanent closure and elimination of the Valleywood Road crossing. The Department will match the CSXT incentive payment up to \$7,500.00 under the terms established under Section 130 of Title 23, United States Code.

14. The TOWN will obtain both CSXT's and the DEPARTMENT's express approval concerning the plan and disposition of that portion of Valleywood Road located between Senoia Road and Park Drive (exclusive of the portion removed by CSXT per item 11), i.e. the manner of signing, barricading and/or removal of Valleywood Road. The TOWN will be responsible for executing the approved plan per item 3 above.

APPROVED BY THE PARTIES BY:

For the Town of Tyrone, GA

*Sheryl Lee*  
(Signature)

2-14-07  
(Date)

Mayor  
(Title)

For CSX Transportation, Inc.

*Eric G. Peterson*  
(Signature)

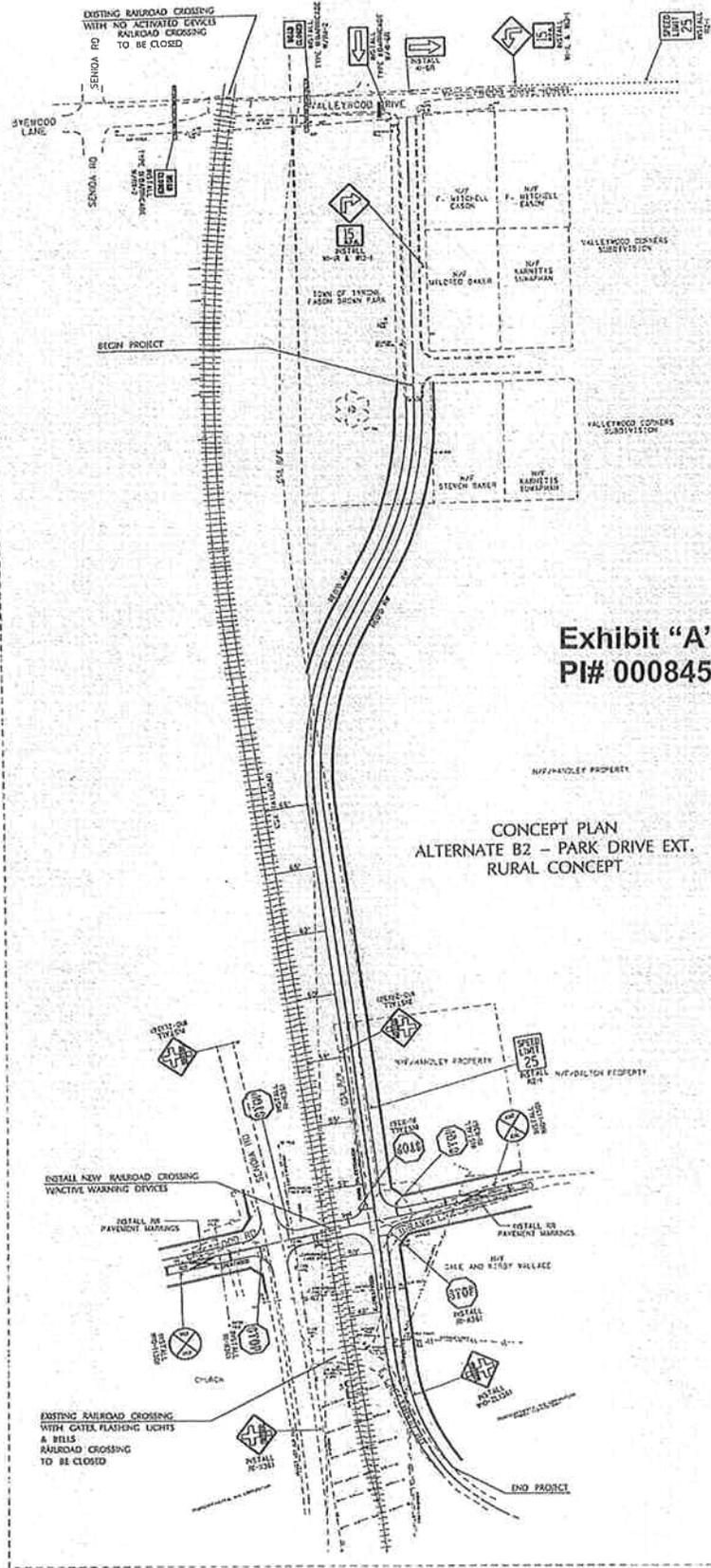
2/28/07  
(Date)

Eric G. Peterson  
ASST. CHIEF ENGINEER  
(He)  
PUBLIC PROJECTS

For Georgia Department of Transportation:

*Paul Sobel*  
State Traffic Safety and Design Engineer

3-8-07  
(Date)



**Exhibit "A"**  
**PI# 0008456**

CONCEPT PLAN  
 ALTERNATE B2 - PARK DRIVE EXT.  
 RURAL CONCEPT

