

DRAFT



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION**

**SUITE 1000, JAMES K. POLK BUILDING
505 DEADERICK STREET
NASHVILLE, TENNESSEE 37243-0334**

**John Schroer
COMMISSIONER**

**Bill Haslam
GOVERNOR**

MEMORANDUM

To: Mr. Paul Degges, Chief Engineer and Deputy Commissioner

**From: Steve Allen, Director
Project Planning Division**

Date: July 19, 2013

Subject: ROAD SAFETY AUDIT REVIEW (RSAR) ROUTE 00839 (SOUTHSIDE ROAD, CHAPEL HILL ROAD, ROCK SPRINGS ROAD, AND BOWKER ROAD) FROM STATE ROUTE 48 TO STATE ROUTE 49 LOG MILE 0.00 TO 7.21 (MONTGOMERY COUNTY), LOG MILE 0.00 TO 2.72 (CHEATHAM COUNTY), AND LOG MILE 0.00 TO 5.94 (DICKSON COUNTY), PIN 118419.00

This project was identified through the Tennessee Department of Transportation (TDOT) safety needs planning process. The section of Route 00839 (Southside Road, Chapel Hill Road) from log mile 0.00 to log mile 7.21 in Montgomery County is a two (2) lane rural minor collector with lane widths of eleven (11) feet, and variable width shoulders. Route 00839 appears on the Highway Safety Improvement Program (HSIP) list and qualifies for the High Risk Rural Roads (HRRR) program because Route 00839 has a severe crash rate of 0.174, which exceeds the statewide average severe crash rate of 0.162 for a rural minor collector.

Utilizing engineering judgment, the project limits have been extended from the Montgomery/Cheatham County line at log mile 0.00 (Montgomery County) to State Route 49 at log mile 5.94 (Dickson County).

The total estimated cost of improvements listed in the report is \$509,400. Right-of-way acquisition is not required. A maintenance agreement is required (Dickson, Cheatham and Montgomery Counties). No local match is required. These improvements will be let to contract.

If you should need any further information, please contact me at (615) 741-2208 or email me at Steve.Allen@tn.gov.

SA/BT

Attachment

CC: Adetokunbo Omishakin, David Lahew, Jim Moore, Brian Hurst, Mike Tugwell, Phil Trammel, Antonio Johnson, Stan Williams, FILE

DRAFT

ROAD SAFETY AUDIT REPORT

ROUTE 00839 (SOUTHSIDE ROAD, CHAPEL HILL ROAD, ROCK SPRINGS ROAD AND BOWKER ROAD) FROM STATE ROUTE 48 TO STATE ROUTE 49

L.M. 0.00 – 7.21 (MONTGOMERY COUNTY)

L.M. 0.00 – 2.72 (CHEATHAM COUNTY)

L.M. 0.00 – 5.94 (DICKSON COUNTY)

PIN 118419.00



Draft
Submittal: 7-19-13

***PREPARED BY
RPM TRANSPORTATION CONSULTANTS, LLC
FOR THE
TENNESSEE DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION***

Approved by:	Signature	DATE
DIRECTOR Project Planning Division		

This document is covered by 23 USC 409 and its production pursuant to fulfilling public planning requirements does not waive the provisions of 409.

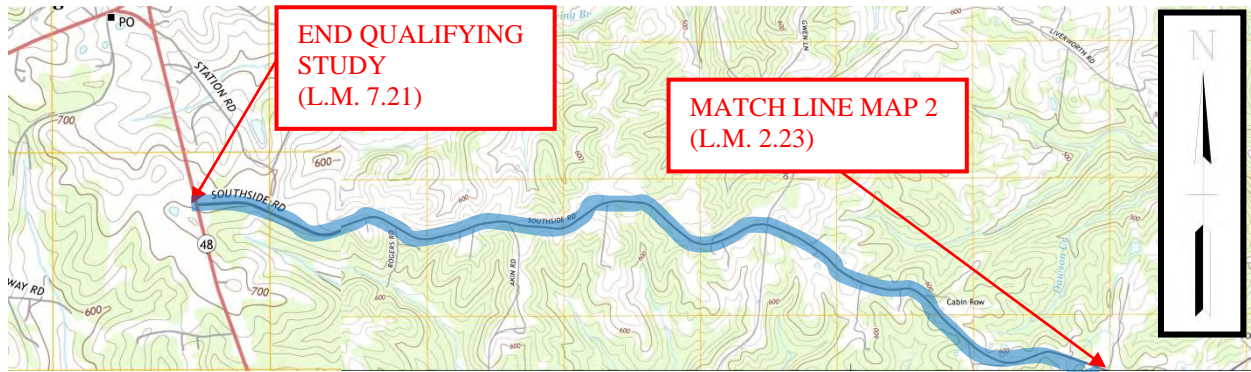
Dickson, Cheatham, and Montgomery Counties

Route 00839 (Southside Road, Chapel Hill Road, Rock Springs Road and Bowker Road)

L.M. 0.00-7.21 (Montgomery County), L.M. 0.00-2.72 (Cheatham County), and L.M.

0.00 – 5.94 (Dickson County)

Road Safety Audit Review PIN 118419.00

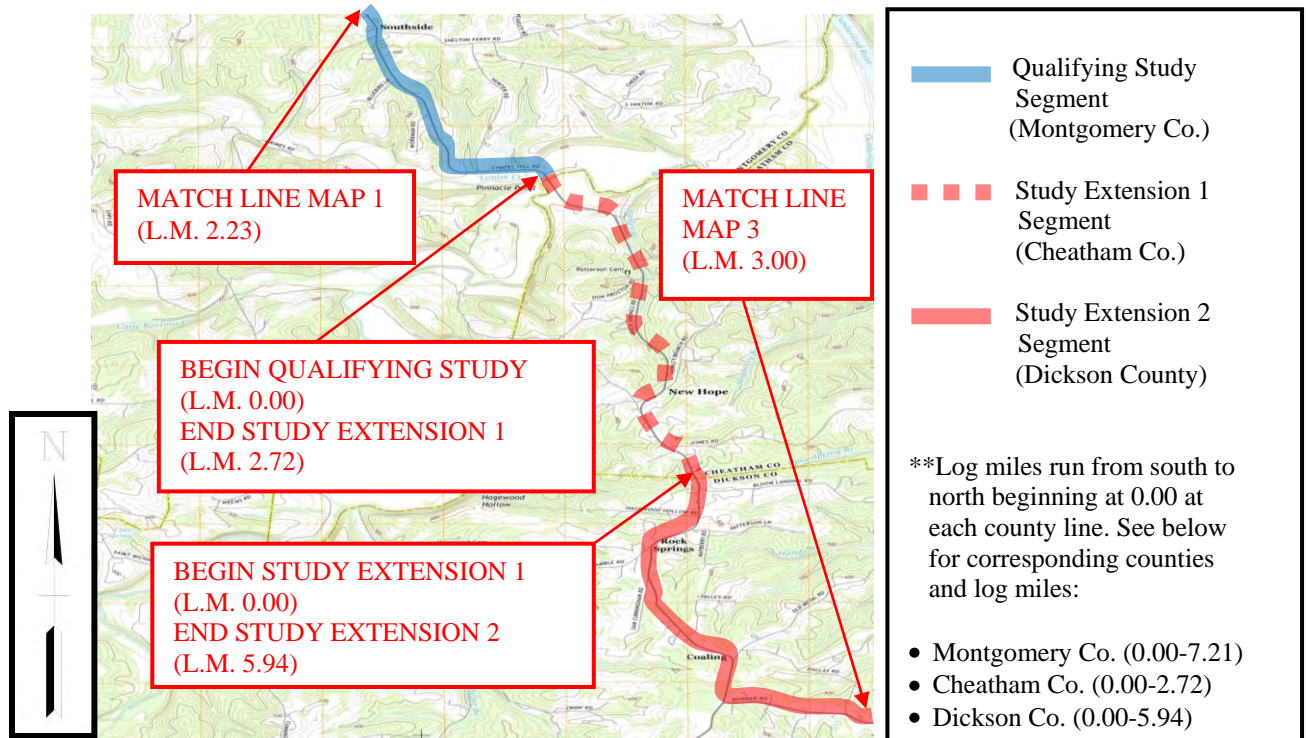


Source: United States Geological Survey (USGS). Not to Scale.

Vicinity Map (1 of 3)

Route 00839, Montgomery County

L.M. 2.23 – 7.21



Source: United States Geological Survey (USGS). Not to Scale.

Vicinity Map (2 of 3)

Route 00839, Montgomery, Cheatham and Dickson Counties

L.M. 0.00 – 2.23 (Montgomery Co.), L.M. 0.00 – 2.72 (Cheatham Co.), and

L.M. 3.00 – 5.94 (Dickson Co.)

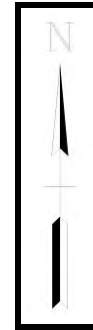
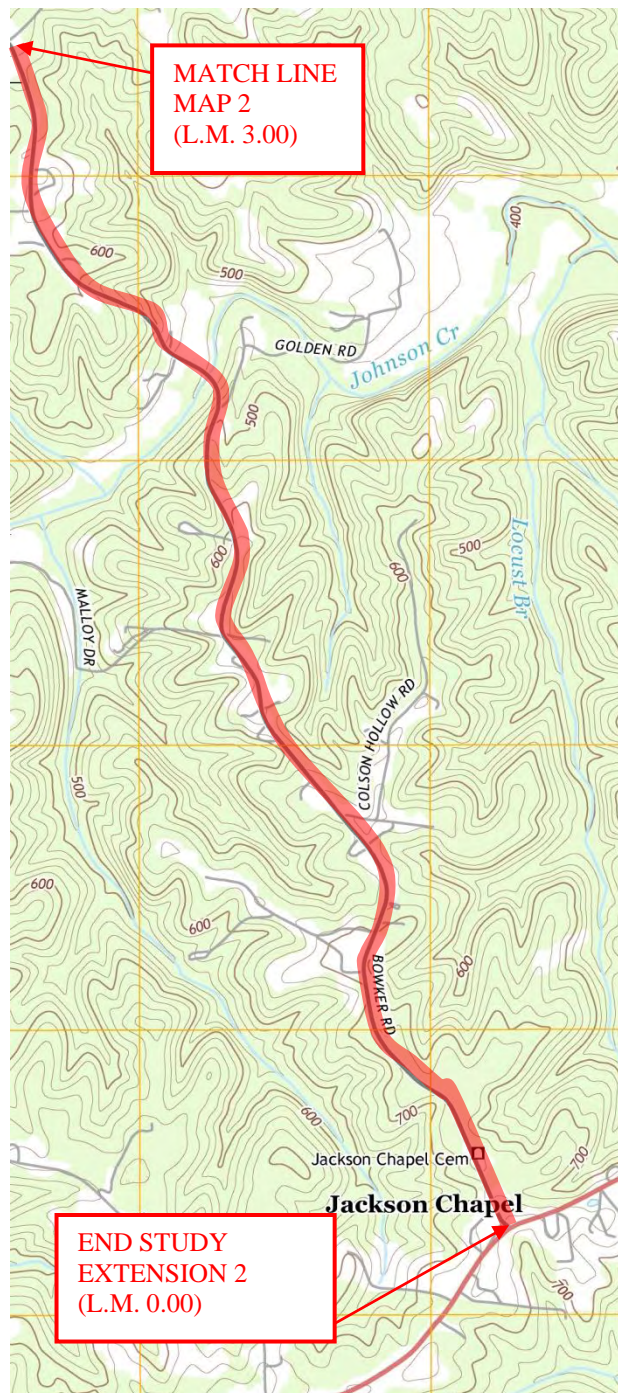
Dickson, Cheatham, and Montgomery Counties


Route 00839 (Southside Road, Chapel Hill Road, Rock Springs Road and Bowker Road)

L.M. 0.00-7.21 (Montgomery County), L.M. 0.00-2.72 (Cheatham County), and L.M.

0.00 – 5.94 (Dickson County)

Road Safety Audit Review PIN 118419.00



 Study Extension 2
Segment
(Dickson Co.)

**Log miles run from south to north beginning at 0.00 at each county line. See below for corresponding counties and log miles:

- Montgomery Co. (0.00-7.21)
- Cheatham Co. (0.00-2.72)
- Dickson Co. (0.00-5.94)

Source: United States Geological Survey (USGS). Not to Scale.

Vicinity Map (3 of 3)

Route 00839, Dickson County

L.M. 0.00 – 3.00

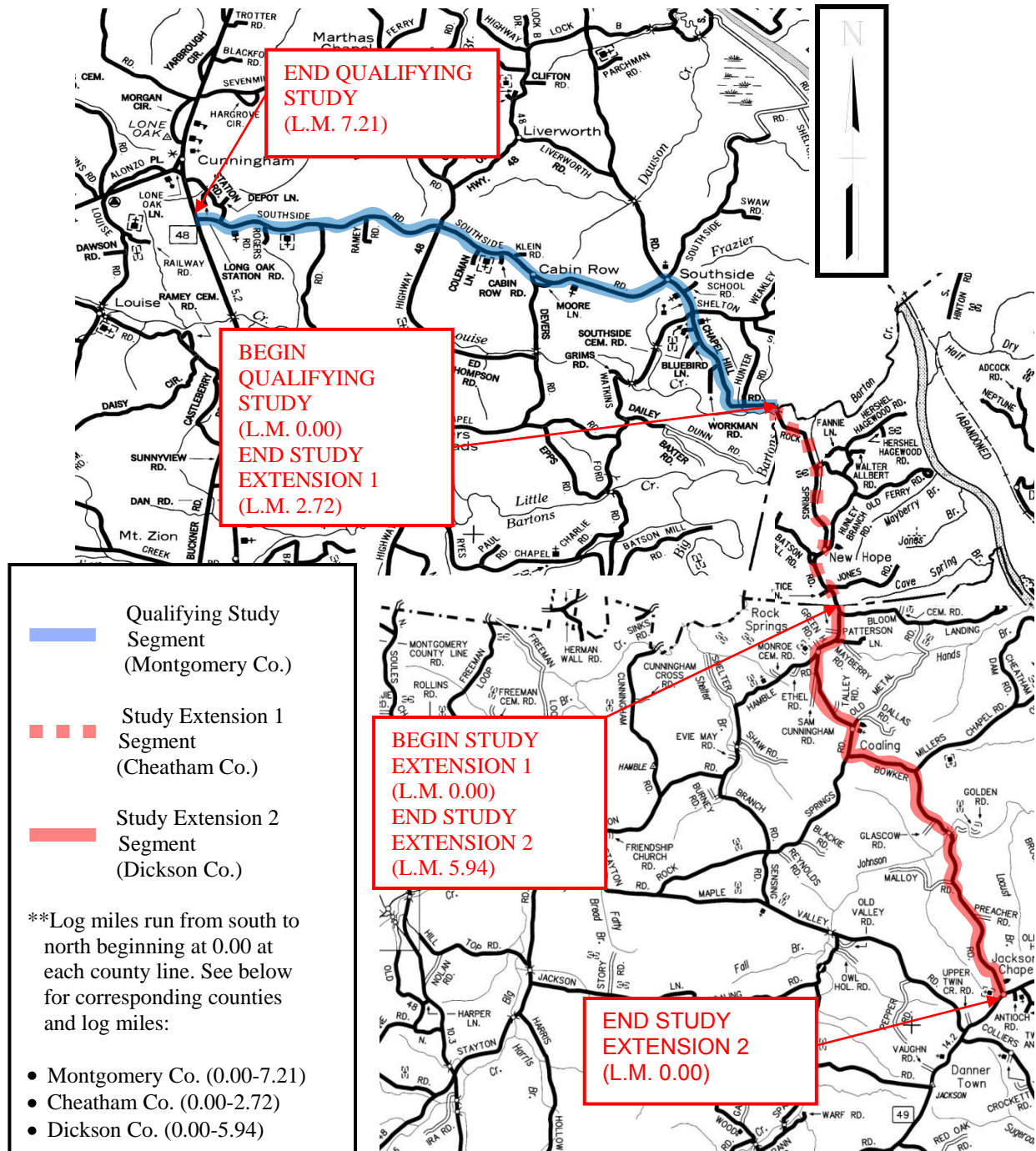
Dickson, Cheatham, and Montgomery Counties

Route 00839 (Southside Road, Chapel Hill Road, Rock Springs Road and Bowker Road)

L.M. 0.00-7.21 (Montgomery County), L.M. 0.00-2.72 (Cheatham County), and L.M.

0.00 – 5.94 (Dickson County)

Road Safety Audit Review PIN 118419.00



Source: TDOT County and City Maps. Not to Scale.

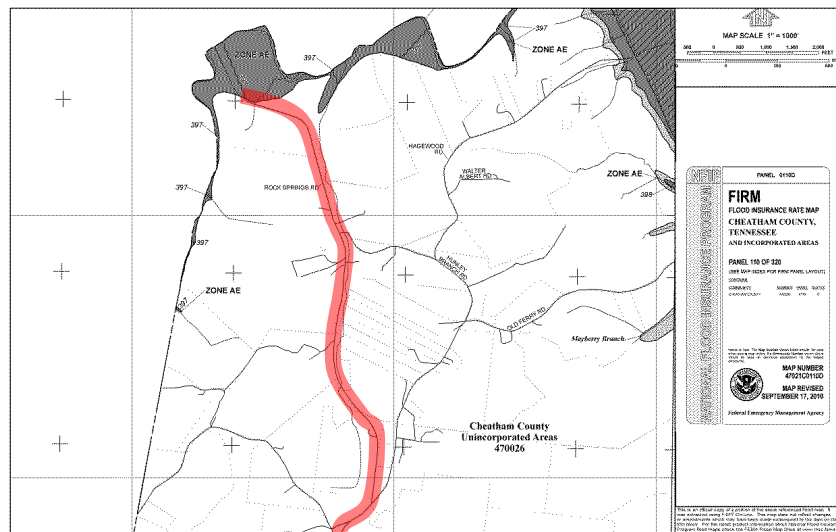
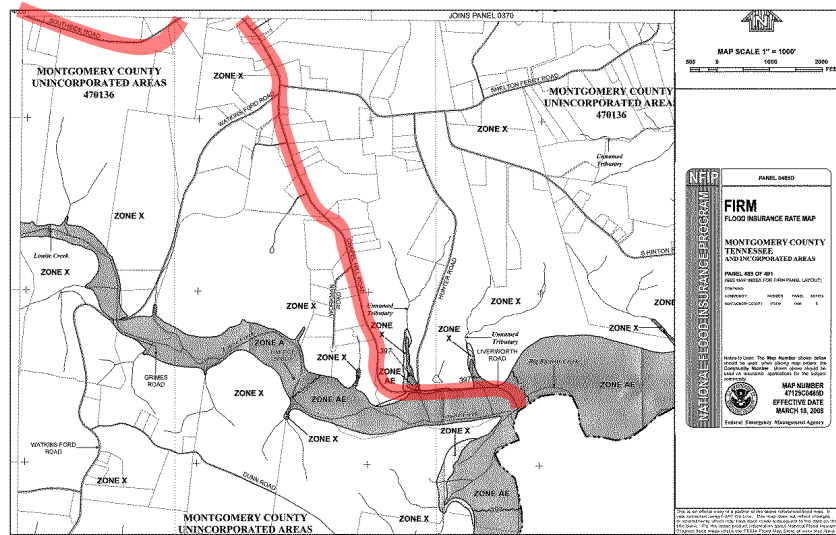
Location Map

Route 00839, Montgomery, Cheatham and Dickson Counties

L.M. 0.00 – 7.21 (Montgomery Co.), L.M. 0.00 – 2.72 (Cheatham Co.), and

L.M. 0.00 – 5.94 (Dickson Co.)

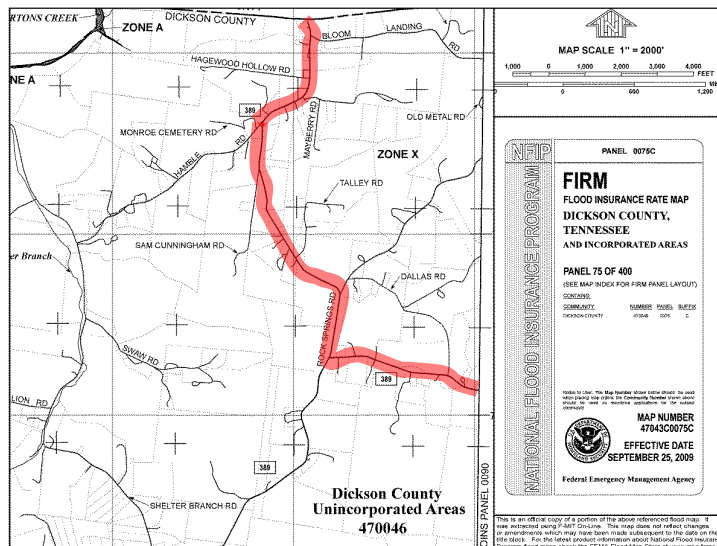
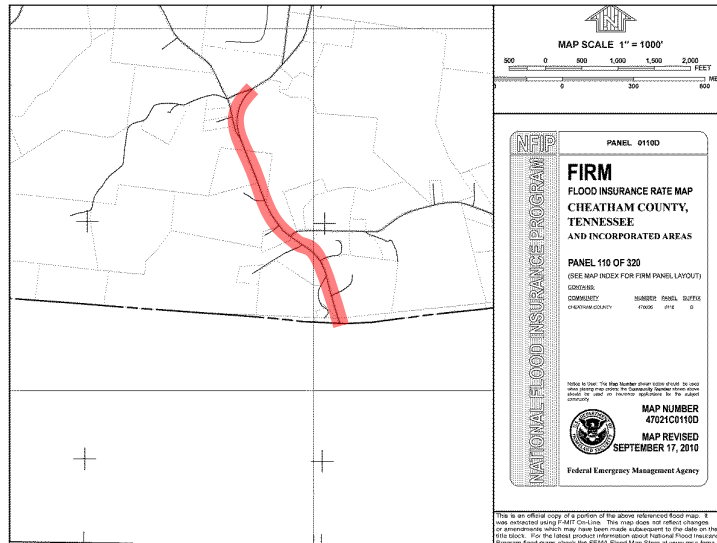
Dickson, Cheatham, and Montgomery Counties
 Route 00839 (Southside Road, Chapel Hill Road, Rock Springs Road and Bowker Road)
 L.M. 0.00-7.21 (Montgomery County), L.M. 0.00-2.72 (Cheatham County), and L.M.
 0.00 – 5.94 (Dickson County)
 Road Safety Audit Review PIN 118419.00



Source: Federal Emergency Management Agency (FEMA). Not to Scale.

Flood Maps (1 and 2 of 6)
Route 00839, Montgomery, Cheatham and Dickson Counties
L.M. 0.00 – 3.34 (Montgomery Co.) and L.M. 0.80 – 2.72 (Cheatham Co.)

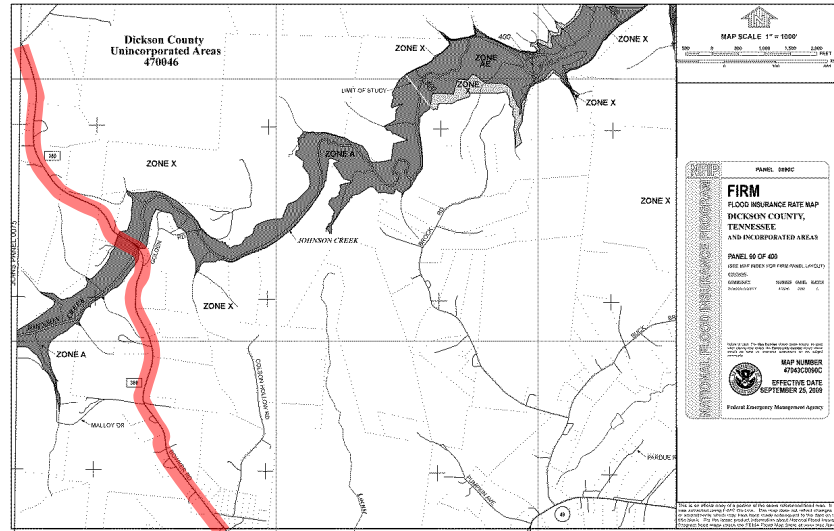
Dickson, Cheatham, and Montgomery Counties
 Route 00839 (Southside Road, Chapel Hill Road, Rock Springs Road and Bowker Road)
 L.M. 0.00-7.21 (Montgomery County), L.M. 0.00-2.72 (Cheatham County), and L.M.
 0.00 – 5.94 (Dickson County)
 Road Safety Audit Review PIN 118419.00



Source: Federal Emergency Management Agency (FEMA). Not to Scale.

Flood Maps (3 and 4 of 6)
Route 00839, Montgomery, Cheatham and Dickson Counties
L.M. 0.00 – 0.80 (Cheatham Co.) and L.M. 3.05 – 5.94 (Dickson Co.)

Dickson, Cheatham, and Montgomery Counties
Route 00839 (Southside Road, Chapel Hill Road, Rock Springs Road and Bowker Road)
L.M. 0.00-7.21 (Montgomery County), L.M. 0.00-2.72 (Cheatham County), and L.M.
0.00 – 5.94 (Dickson County)
Road Safety Audit Review PIN 118419.00



Source: Federal Emergency Management Agency (FEMA). Not to Scale.

Flood Maps (5 and 6 of 6)
Route 00839, Montgomery, Cheatham and Dickson Counties
L.M. 1.03– 3.05 and L.M. 0.00 – 1.03 (Dickson Co.)

Dickson, Cheatham, and Montgomery Counties
Route 00839 (Southside Road, Chapel Hill Road, Rock Springs Road and Bowker Road)
L.M. 0.00-7.21 (Montgomery County), L.M. 0.00-2.72 (Cheatham County), and L.M.
0.00 – 5.94 (Dickson County)
Road Safety Audit Review PIN 118419.00

Road Safety Audit Review

Description of Project and Background

This project was identified through the Tennessee Department of Transportation (TDOT) safety needs planning process. The section of Route 00839 (Southside Road, Chapel Hill Road) from log mile 0.00 to log mile 7.21 in Montgomery County is a two (2) lane rural minor collector with lane widths of eleven (11) feet, and variable width shoulders. Route 00839 appears on the Highway Safety Improvement Program (HSIP) list and qualifies for the High Risk Rural Roads (HRRR) program because Route 00839 has a severe crash rate of 0.174, which exceeds the statewide average severe crash rate of 0.162 for a rural minor collector.

Utilizing engineering judgment, the project limits have been extended from the Montgomery/Cheatham County line at log mile 0.00 (Montgomery County) to State Route 49 at log mile 5.94 (Dickson County).

RSAR Team Members

A RSAR team was assembled to evaluate the segment of Route 00839 from State Route 48 (L.M. 0.00) (Montgomery County) to State Route 49 (L.M. 5.94) (Dickson County) to determine appropriate safety measures.

Team Members

<u>Name</u>	<u>Organization</u>	<u>Title</u>	<u>Phone</u>	<u>Email</u>
Gena Gilliam	TDOT	Project Planning	615-253-7692	gena.gilliam@tn.gov
David Duncan	TDOT	Project Planning	615-532-6131	david.a.duncan@tn.gov
Jeremy Bowlan	TDOT	Project Planning	615-532-7123	jeremy.bowlan@tn.gov
Antonio Johnson	Middle Tennessee RPO	Rural Planning Organization Coordinator	615-850-3937	ajohnson@mchra.com
Mike Frost	Montgomery County	Highway Department	931-648-5740	rmfrost@montgomerycountyttn.org
Stan Williams	City of Clarksville	MPO Director	931-648-5740	stanwilliams@cityofclarksville.com
Terry Arnold	TDOT	Region 3 Design	615-350-4274	terry.arnold@tn.gov
Scott Johnson	TDOT	Region 3 Design	615-350-4263	scott.johnson@tn.gov
Eric Jackson	TDOT	Traffic	615-741-0802	eric.jackson@tn.gov
Mark Roberts	Dickson County	Highway Development	615-476.3097	
Jerry Burgess	Dickson County	Highway Development	615-446.2638	tnesbitt@dicksoncountyttn.gov
Larry McGoogin	TDOT	Office of Community Transportation	615-253-2428	Larry.mcgoogin@tn.gov

Dickson, Cheatham, and Montgomery Counties
Route 00839 (Southside Road, Chapel Hill Road, Rock Springs Road and Bowker Road)
L.M. 0.00-7.21 (Montgomery County), L.M. 0.00-2.72 (Cheatham County), and L.M.
0.00 – 5.94 (Dickson County)
Road Safety Audit Review PIN 118419.00

<u>Name</u>	<u>Organization</u>	<u>Title</u>	<u>Phone</u>	<u>Email</u>
Katy Braden	TDOT	Office of Community Transportation	615-532-3563	katy.braden@tn.gov
Stanley Sumner	TDOT	Region 3 Traffic	615-350-4333	stanley.sumner@tn.gov
Blake Turner	RPM	Engineer	615-370-8410	blaketurner@rpmtraffic.net
Tyler Fosnes	RPM	E.I.T.	615-370-8410	tylerfosnes@rpmtraffic.net
Najmeh Jami	RPM	E.I.T.	615-370-8410	najmehjami@rpmtraffic.net

Information used in the Review

- Montgomery County highway map
- Cheatham County highway map
- Dickson County highway map
- Montgomery County functional classification map
- Cheatham County functional classification map
- Dickson County functional classification map
- TRIMS Route Feature Description Listing
- TRIMS Highway Log Report
- TRIMS Traffic Report
- TRIMS Road Segment Report
- Aerial photography
- Crash rate summary (included in appendix)
- Select crash reports
- Field Review Comments

Pre-Brief Summary

A pre-brief meeting was held at 1:00 PM on Tuesday, May 28, 2013 at TDOT headquarters in Nashville. The following aspects of the roadway section under study were discussed:

- The majority of crashes involved multiple vehicles negotiating horizontal curves.
- Almost half of the crashes occurred during nighttime hours.
- Speed and road curvature are believed to be the primary causes for crashes along the segment.

The qualifying study section had nineteen (19) crashes from 2007-2009. The nineteen (19) crashes included twelve (12) property damage crashes, six (6) non-incapacitating injury crashes, one (1) incapacitating injury crash resulting in one (1) incapacitating injury, and no fatal crashes. Eighteen (18) (95%) of these crashes were single vehicle crashes. The existing annual average daily traffic (AADT) on the study segment is 730 vehicles per day.

Observations

An onsite field review was held at 9:00 AM CDT on Thursday, May 29, 2013. The following observations and input from the field review are provided concerning the location:

Dickson, Cheatham, and Montgomery Counties

Route 00839 (Southside Road, Chapel Hill Road, Rock Springs Road and Bowker Road)

L.M. 0.00-7.21 (Montgomery County), L.M. 0.00-2.72 (Cheatham County), and L.M.
0.00 – 5.94 (Dickson County)

Road Safety Audit Review PIN 118419.00

- No centerline delineation (pavement markers) exists along the study corridor.
- The stop signs, stop bars and edgelines of side streets intersecting the study segment are worn and/or non-existent.
- The lane configuration at the intersection of State Route 49 and Bowker Road should be clarified.
- The intersection of Southside Road and State Route 48 has had six (6) crashes and should be considered for additional countermeasures.
- Signing around horizontal curves needs to be reevaluated for appropriateness.
- The speed limit along this study segment is 45 MPH.

Specific improvements guidance is found on the attached figures. The total estimated cost of improvements listed in the report is \$509,400. Right-of-way acquisition is not required. A maintenance agreement is required (Dickson, Cheatham and Montgomery Counties). No local match is required. These improvements will be let to contract.

Dickson, Cheatham, and Montgomery Counties

Route 00839 (Southside Road, Chapel Hill Road, Rock Springs Road and Bowker Road)

L.M. 0.00-7.21 (Montgomery County), L.M. 0.00-2.72 (Cheatham County), and L.M.
0.00 – 5.94 (Dickson County)

Road Safety Audit Review PIN 118419.00



5/29/13: Looking south on Bowker Road at the intersection of Bowker Road and State Route 49 (L.M. 0.00) (Dickson County).



5/29/13: Looking west on Southside Road at the intersection of Southside Road and State Route 48. (L.M. 7.21) (Montgomery County).

Dickson, Cheatham, and Montgomery Counties

Route 00839 (Southside Road, Chapel Hill Road, Rock Springs Road and Bowker Road)

L.M. 0.00-7.21 (Montgomery County), L.M. 0.00-2.72 (Cheatham County), and L.M.
0.00 – 5.94 (Dickson County)

Road Safety Audit Review PIN 118419.00



5/29/13: Looking north on Bowker Road at the intersection of Bowker Road and State Route 49 (L.M. 0.00) (Dickson County).



5/29/13: Looking west on Miller Chapel Road at the intersection of Bowker Road and Miller Chapel Road (L.M.3.05) (Dickson County).

Dickson, Cheatham, and Montgomery Counties
 Route 00839 (Southside Road, Chapel Hill Road, Rock Springs Road and Bowker Road)
 L.M. 0.00-7.21 (Montgomery County), L.M. 0.00-2.72 (Cheatham County), and L.M.
 0.00 – 5.94 (Dickson County)
 Road Safety Audit Review PIN 118419.00

COST DATA SHEET TOTAL PROJECT COST

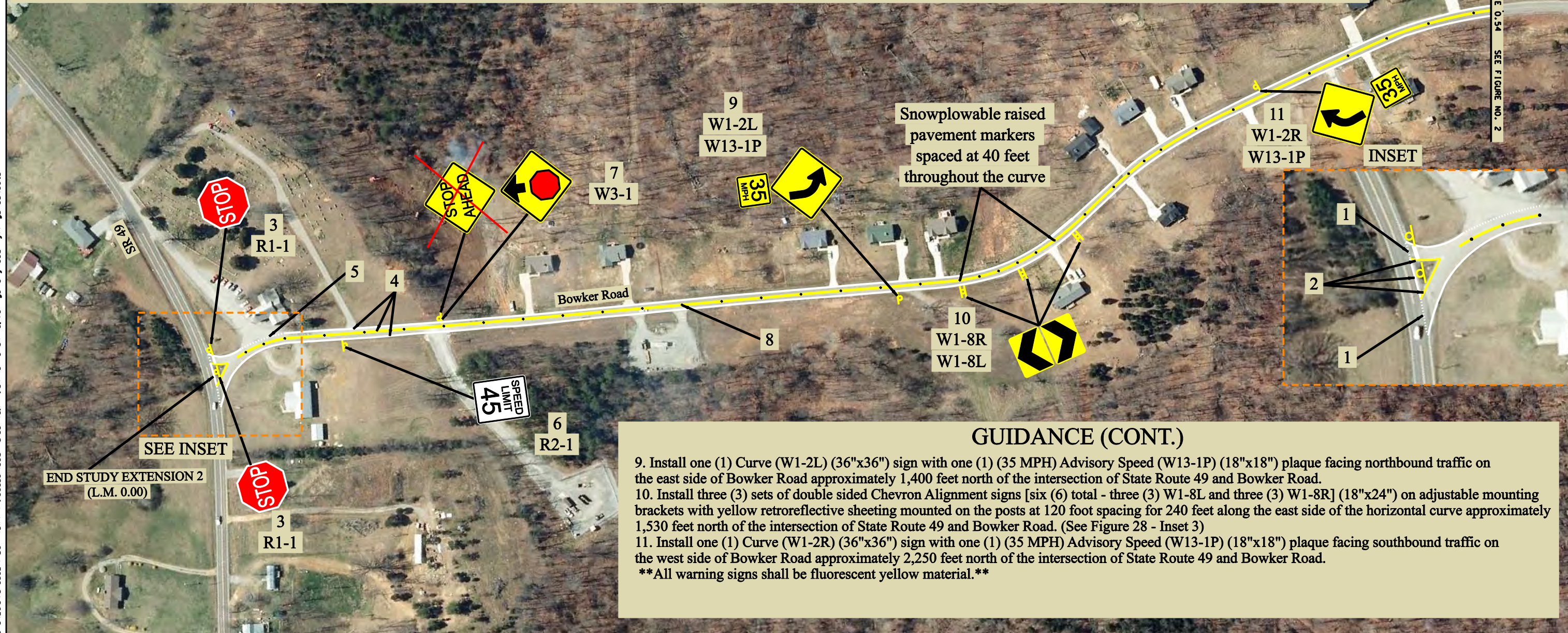
Route:	Route 00839 (Southside Rd, Chapel Hill Rd, Rock Springs Rd			
Description:	and Bowker Rd)			
	(L.M. 0.00-5.94 , L.M. 0.00-2.72, and L.M. 0.00-7.21)			
County:	DICKSON, CHEATHAM, AND MONTGOMERY COUNTIES			
Length:	15.87 miles			
Date:	July 19, 2013			
DESCRIPTION	LOCAL	STATE	FEDERAL	TOTAL
Right-of-Way	\$ -	\$ -	\$ -	\$ -
Clearing and Grubbing	\$ -	\$ -	\$ -	\$ -
Earthwork	\$ -	\$ -	\$ -	\$ -
Railroad Crossing or Separation	\$ -	\$ -	\$ -	\$ -
Drainage	\$ -	\$ -	\$ -	\$ -
Utilities	\$ -	\$ -	\$ -	\$ -
Structures	\$ -	\$ -	\$ -	\$ -
Pavement Removal	\$ -	\$ -	\$ -	\$ -
Paving	\$ -	\$ -	\$ -	\$ -
Roadway and Pavement	\$ -	\$ -	\$ -	\$ -
Retaining Walls	\$ -	\$ -	\$ -	\$ -
Topsoil	\$ -	\$ -	\$ -	\$ -
Seeding	\$ -	\$ -	\$ -	\$ -
Sodding	\$ -	\$ -	\$ -	\$ -
Rip-Rap or Slope Protection	\$ -	\$ -	\$ -	\$ -
Fencing	\$ -	\$ -	\$ -	\$ -
Signing ¹			\$ 64,600	\$ 64,600
Pavement Markings ¹			\$ 233,900	\$ 233,900
Lighting ¹			\$ -	\$ -
Signalization ¹			\$ -	\$ -
Guardrail ¹			\$ 39,700	\$ 39,700
Other Construction Items (15%)		\$ -	\$ 50,730	\$ 50,730
Maintenance of Traffic		\$ 1,200	\$ 10,800	\$ 12,000
Mobilization (5%)		\$ 60	\$ 19,990	\$ 20,050
CONSTRUCTION COST (rounded)		\$ 1,250	\$ 419,730	\$ 420,980
Engineering and Contingency		\$ 130	\$ 41,970	\$ 42,100
TOTAL CONSTRUCTION COST		\$ 1,380	\$ 461,700	\$ 463,080
Preliminary Engineering (10%)		\$ 140	\$ 46,170	\$ 46,310
PROJECT COST ² (rounded)	\$ -	\$ 1,500	\$ 507,900	\$ 509,400

¹ This safety item is 100% eligible and does not require a 10% funding match by the local agency.

² For estimating future project costs, a compounded inflation rate of 10% should be applied from the date of this estimate.

GUIDANCE

1. Install approximately 65 feet of an enhanced flatline thermoplastic 4" single dotted white edgeline along State Route 49 throughout the curve at the intersection of State Route 49 and Bowker Road.
2. Install enhanced flatline 8" single solid white border lines along the southern edge of the island and enhanced flatline 8" single solid yellow border lines along the eastern and western edges of the island at the intersection of State Route 48 and Bowker Road.
3. Remove and replace one (1) existing STOP sign facing southbound traffic on Bowker Road within the island at the intersection of State Route 49 and Bowker Road with two (2) STOP (R1-1) (36"x36") signs with 2" red retroreflective sheeting mounted on the posts, and install a thermoplastic 17' long and 24" wide stop line on Bowker Road. (See Figure 28 - Inset 1)
4. Install an enhanced flatline thermoplastic 4" double solid yellow centerline and enhanced flatline thermoplastic 4" single solid white edgelines along Bowker Road from log mile 0.00 to log mile 0.54. The centerline shall be striped in accordance with the existing striping.
5. Install approximately 90 feet of enhanced flatline thermoplastic 4" single dotted white edgeline along Bowker Road throughout the horizontal curve at the intersection of Bowker Road and the private driveway.
6. Remove and replace one (1) existing (45 MPH) Speed Limit sign on Bowker Road with one (1) (45 MPH) Speed Limit (R2-1) (24"x30") sign facing northbound traffic on the east side of Bowker Road approximately 300 feet north of the intersection of State Route 49 and Bowker Road.
7. Remove and replace one (1) existing "STOP AHEAD" sign on Bowker Road with one (1) Stop Ahead (W3-1) (36"x36") sign with 2" yellow retroreflective sheeting mounted on the post facing northbound traffic on the east side of Bowker Road approximately 500 feet north of the intersection of State Route 49 and Bowker Road. (See Figure 28 - Inset 2)
8. Install snowplowable, bi-directional yellow raised pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Bowker Road from log mile 0.00 to log mile 0.54.



GUIDANCE (CONT.)

9. Install one (1) Curve (W1-2L) (36"x36") sign with one (1) (35 MPH) Advisory Speed (W13-1P) (18"x18") plaque facing northbound traffic on the east side of Bowker Road approximately 1,400 feet north of the intersection of State Route 49 and Bowker Road.
 10. Install three (3) sets of double sided Chevron Alignment signs [six (6) total - three (3) W1-8L and three (3) W1-8R] (18"x24") on adjustable mounting brackets with yellow retroreflective sheeting mounted on the posts at 120 foot spacing for 240 feet along the east side of the horizontal curve approximately 1,530 feet north of the intersection of State Route 49 and Bowker Road. (See Figure 28 - Inset 3)
 11. Install one (1) Curve (W1-2R) (36"x36") sign with one (1) (35 MPH) Advisory Speed (W13-1P) (18"x18") plaque facing southbound traffic on the west side of Bowker Road approximately 2,250 feet north of the intersection of State Route 49 and Bowker Road.
- **All warning signs shall be fluorescent yellow material.****

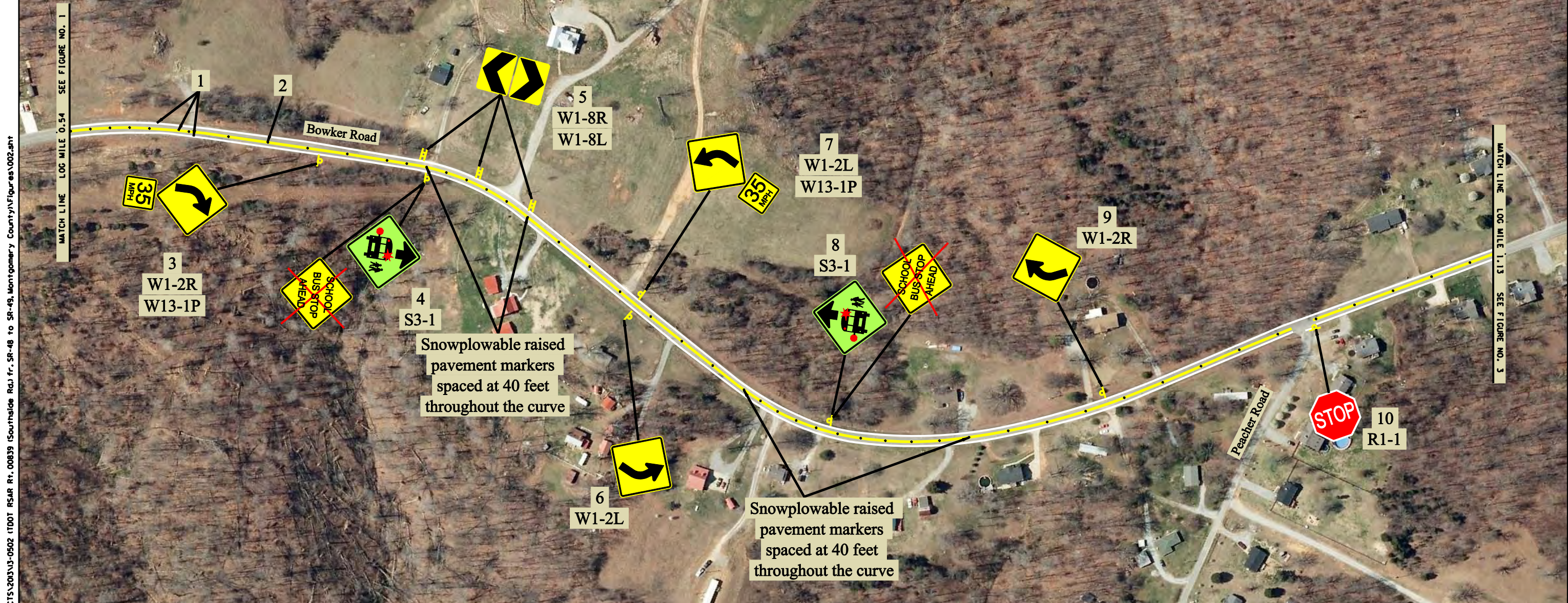
ROAD SAFETY AUDIT REPORT

ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

ROUTE 00839
L.M. 0.00-
L.M. 0.54
(FIGURE NO. 1)

TYPE	YEAR	COUNTY	FIGURE NO.
HRRR	2013	DICKSON	2



ROAD SAFETY AUDIT REPORT

ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION**

ROUTE 00839
L.M. 0.54-
L.M. 1.13
(FIGURE NO. 2)

TENNESSEE D.O.T.

PROJECT PLANNING DIVISION

FILE NO. ---

DRAFT

TYPE

YEAR

COUNTY

FIGURE NO.

HRRR

2013

DICKSON

2A

7/18/2013

\\Fileserver\file_server\PROJECTS\2013\13-0502 (TDOT RSAR Rt. 00839 (Southside Rd.) fr. SR-48 to SR-49, Montgomery County)\Figures\002.sht

GUIDANCE

1. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Bowker Road from log mile 0.54 to log mile 1.13. The centerline shall be striped in accordance with the existing striping.

2. Install snowplowable, bi-directional yellow raised pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Bowker Road from log mile 0.54 to log mile 1.13.

3. Install one (1) Curve (W1-2R) (36"x36") sign with one (1) (35 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below facing northbound traffic on the east side of Bowker Road approximately 2,220 feet south of the intersection of Bowker Road and Peacher Road.

4. Remove and replace one (1) existing "SCHOOL BUS STOP AHEAD" sign on Bowker Road with one (1) School Bus Stop Ahead (S3-1) (36"x36") sign facing northbound traffic on the east side of Bowker Road approximately 2,000 feet south of the intersection of Bowker Road and Peacher Road.

5. Install three (3) sets of double sided Chevron Alignment signs [six (6) total - three (3) W1-8L and three (3) W1-8R] (18"x24") on adjustable mounting brackets with 2" yellow retroreflective sheeting mounted on the posts at 120 foot spacing for 240 feet along the west side of the horizontal curve approximately 1,800 feet south of the intersection of Bowker Road and Peacher Road. (See Figure 28 - Inset 3)

6. Install one (1) Curve (W1-2L) (36"x36") sign facing northbound traffic on the east side of Bowker Road approximately 1,500 feet south of the intersection of Bowker Road and Peacher Road.

7. Install one (1) Curve (W1-2L) (36"x36") sign with one (1) (35 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below facing southbound traffic on the west side of Bowker Road approximately 1,500 feet south of the intersection of Bowker Road and Peacher Road.

8. Remove and replace one (1) existing "SCHOOL BUS STOP AHEAD" sign on Bowker Road with one (1) School Bus Stop Ahead (S3-1) (36"x36") sign facing southbound traffic on the west side of Bowker Road approximately 1,000 feet south of the intersection of Bowker Road and Peacher Road.

9. Install one (1) Curve (W1-2R) (36"x36") sign facing southbound traffic on the west side of Bowker Road approximately 440 feet south of the intersection of Bowker Road and Peacher Road.

10. Remove and replace one (1) existing STOP sign on the north side of Peacher Road at the intersection of Bowker Road and Peacher Road with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post, and install a thermoplastic 14' long and 24" wide stop line on Peacher Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)

All warning signs shall be fluorescent yellow material except for School warning signs which shall be flourescent green material.

ROAD SAFETY AUDIT REPORT

ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY

ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY

ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY

L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21

DICKSON, CHEATHAM AND MONTGOMERY COUNTIES

STATE OF TENNESSEE

DEPARTMENT OF TRANSPORTATION

PROJECT PLANNING DIVISION

ROUTE 00839

L.M. 0.54-

L.M. 1.13

(FIGURE NO. 2A)



GUIDANCE

1. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Bowker Road from log mile 1.13 to log mile 1.71. The centerline shall be striped in accordance with the existing striping.
2. Install snowplowable, bi-directional yellow raised pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Bowker Road from log mile 1.13 to log mile 1.71.
3. Install one (1) Reverse Curve (W1-4R) (36"x36") sign facing northbound traffic on the east side of Bowker Road approximately 1,030 feet north of the intersection of Bowker Road and Peachier Road.
4. Install one (1) Reverse Curve (W1-4R) (36"x36") sign facing southbound traffic on the west side of Bowker Road approximately 1,880 feet north of the intersection of Bowker Road and Peachier Road.
5. Install one (1) Turn (W1-1R) (36"x36") sign with one (1) (30 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below facing northbound traffic on the east side of Bowker Road approximately 1,960 feet north of the intersection of Bowker Road and Peachier Road.
6. Install four (4) sets of double sided Chevron Alignment signs [eight (8) total - four (4) W1-8L and four (4) W1-8R] (18"x24") on adjustable mounting brackets with 2" yellow retroreflective sheeting mounted on the posts at 80 foot spacing for 240 feet along the west side of the horizontal curve approximately 2,530 feet north of the intersection of Bowker Road and Peachier Road. (See Figure 28 - Inset 3)
7. Remove and replace one (1) existing "SCHOOL BUS STOP AHEAD" sign on Bowker Road with one (1) School Bus Stop Ahead (S3-1) (36"x36") sign facing northbound traffic on the east side of Bowker Road approximately 2,820 feet north of the intersection of Bowker Road and Peachier Road.
8. Install one (1) Turn (W1-1L) (36"x36") sign with one (1) (30 MPH) Advisory Speed (W13-1P) (18"x18") plaque facing northbound traffic on the west side of Bowker Road approximately 2,880 feet north of the intersection of Bowker Road and Peachier Road.

All warning signs shall be fluorescent yellow material except for School warning signs which shall be fluorescent green material.

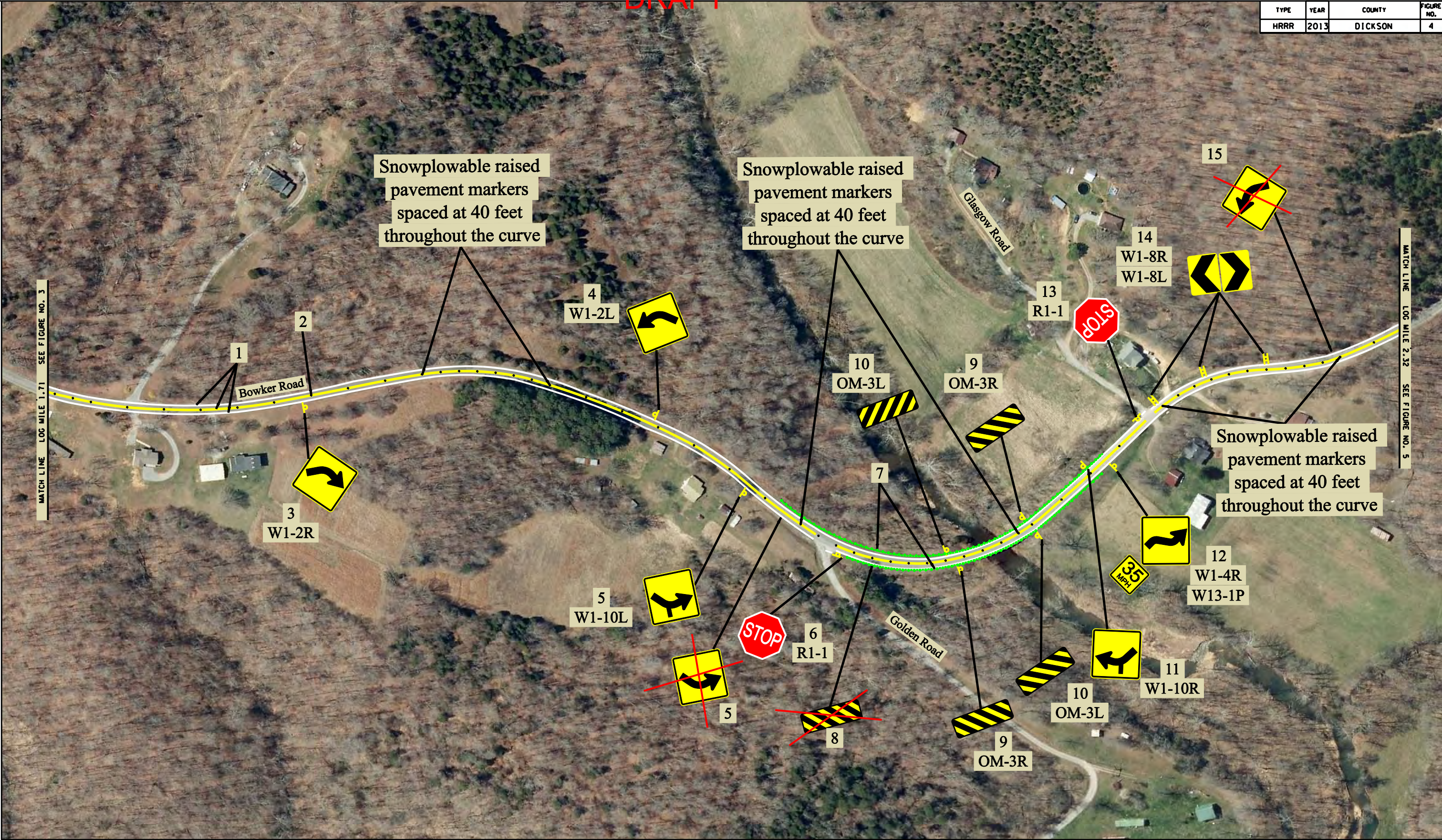
ROAD SAFETY AUDIT REPORT

ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

ROUTE 00839
L.M. 1.13-
L.M. 1.71
(FIGURE NO. 3)

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ROAD SAFETY AUDIT REPORT

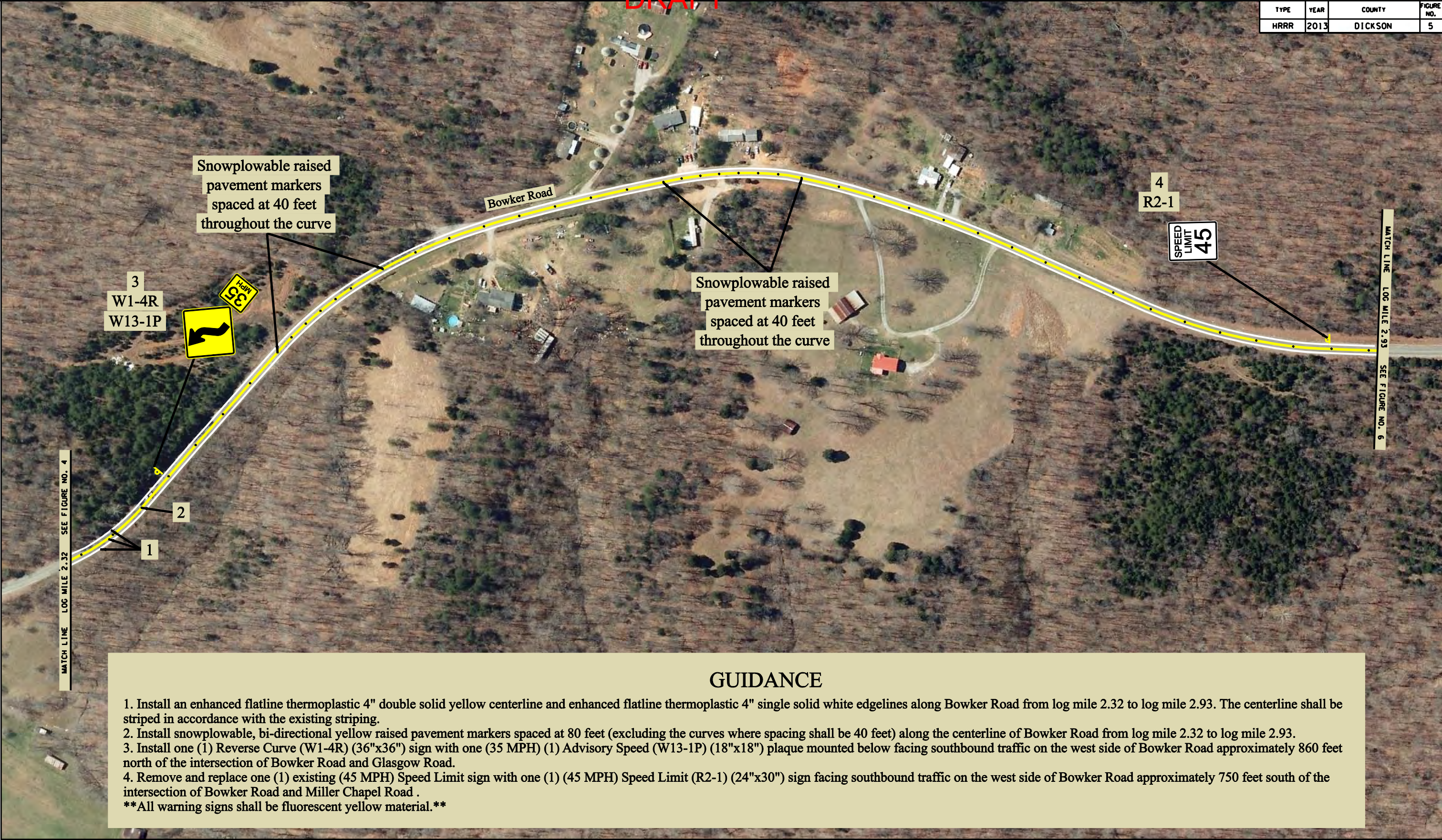
ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

ROUTE 00839
L.M. 1.71-
L.M. 2.32
(FIGURE NO. 4)

TENNESSEE D.O.T. PROJECT PLANNING DIVISION FILE NO. - - - -			DRAFT				TYPE HRRR	YEAR 2013	COUNTY DICKSON	FIGURE NO. 4A
<div>GUIDANCE</div> <div><div>1. Install an enhanced flatline thermoplastic 4" double solid yellow centerline and enhanced flatline thermoplastic 4" single solid white edgelines along Bowker Road from log mile 1.71 to log mile 2.32. The centerline shall be striped in accordance with the existing striping.</div><div>2. Install snowplowable, bi-directional yellow raised pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Bowker Road from log mile 1.71 to log mile 2.32.</div><div>3. Install one (1) Curve (W1-2R) (36"x36") sign facing northbound traffic on the east side of Bowker Road approximately 1,250 feet south of the intersection of Bowker Road and Golden Road.</div><div>4. Install one (1) Curve (W1-2L) (36"x36") sign facing southbound traffic on the west side of Bowker Road.approximately 460 feet south of the intersection of Bowker Road and Golden Road.</div><div>5. Remove, replace and relocate one (1) existing Curve sign located approximately 100 feet south of the intersection of Bowker Road and Golden Road with one (1) Combination Horizontal Alignment/Intersection (W1-10L) (36"x36") sign facing northbound traffic on the east side of Bowker Road approximately 200 feet south of the intersection of Bowker Road and Golden Road .</div><div>6. Remove and replace one (1) existing STOP sign on the north side of Golden Road at the intersection of Bowker Road and Golden Road with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post, and install a thermoplastic 15' long and 24" wide stop line on Golden Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)</div><div>7. Remove and replace the existing guardrail on either side of the bridge on Bowker Road beginning approximately 130 feet south of the intersection of Bowker Road and Golden Road on the west side of the road and 50 feet north of the intersection of Bowker Road and Golden Road on the east side of the road and extending approximately 800 feet south with Type 2 guardrail and white continuous delineation enhancement mounted on the proposed guardrail and existing barrier wall and install four (4) Type 21 guardrail terminals on the approach ends of the guardrail. (See TDOT Standard Drawing S-GR-11, 12, 13, 13A, 14, 26, 27, and 28)</div><div>8. Remove one (1) existing Object Marker sign located on Bowker Road approximately 100 feet north of the intersection of Bowker Road and Golden Road.</div><div>9. Install two (2) Object Markers (OM3-R) (12"x36") on the northwest and southeast corners of the bridge located approximately 400 feet north of the intersection of Bowker Road and Golden Road.</div><div>10. Install two (2) Object Markers (OM3-L) (12"x36") on the northeast and southwest corners of the bridge located approximately 400 feet north of the intersection of Bowker Road and Golden Road.</div><div>11. Install one (1) Combination Horizontal Alignment/Intersection (W1-10R) (36"x36") sign facing southbound traffic on the west side of Bowker Road approximately 200 feet south of the intersection of Bowker Road and Glasgow Road.</div><div>12. Install one (1) Reverse Curve (W1-4R) (36"x36") sign with one (1) (35 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below facing northbound traffic on the east side of Bowker Road.approximately 140 feet south of the intersection of Bowker Road and Glasgow Road.</div><div>13. Remove and replace one (1) existing STOP sign on the south side of Glasgow Road at the intersection of Bowker Road and Glasgow Road with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post, and install a thermoplastic 12' long and 24" wide stop line on Glasgow Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)</div><div>14. Install three (3) sets of double sided Chevron Alignment signs [eight (8) total - four (4) W1-8L and four (4) W1-8R] (18"x24") on adjustable mounting brackets with 2" yellow retroreflective sheeting mounted on the posts at 120 foot spacing for 240 feet along the west side of the horizontal curve approximately 30 feet north of the intersection of Bowker Road and Glasgow. (See Figure 28 - Inset 3)</div><div>15. Remove one (1) existing Curve sign on the west side of Bowker Road approximately 430 feet north of the intersection of Bowker Road and Glasgow Road.</div><div>**All warning signs shall be fluorescent yellow material.**</div></div>										
ROAD SAFETY AUDIT REPORT									STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION PROJECT PLANNING DIVISION	
ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21 DICKSON, CHEATHAM AND MONTGOMERY COUNTIES									ROUTE 00839 L.M. 1.71- L.M. 2.32 (FIGURE NO. 4A)	

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GUIDANCE

1. Install an enhanced flatline thermoplastic 4" double solid yellow centerline and enhanced flatline thermoplastic 4" single solid white edgelines along Bowker Road from log mile 2.32 to log mile 2.93. The centerline shall be striped in accordance with the existing striping.
2. Install snowplowable, bi-directional yellow raised pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Bowker Road from log mile 2.32 to log mile 2.93.
3. Install one (1) Reverse Curve (W1-4R) (36"x36") sign with one (35 MPH) (1) Advisory Speed (W13-1P) (18"x18") plaque mounted below facing southbound traffic on the west side of Bowker Road approximately 860 feet north of the intersection of Bowker Road and Glasgow Road.
4. Remove and replace one (1) existing (45 MPH) Speed Limit sign with one (1) (45 MPH) Speed Limit (R2-1) (24"x30") sign facing southbound traffic on the west side of Bowker Road approximately 750 feet south of the intersection of Bowker Road and Miller Chapel Road .
- **All warning signs shall be fluorescent yellow material.****

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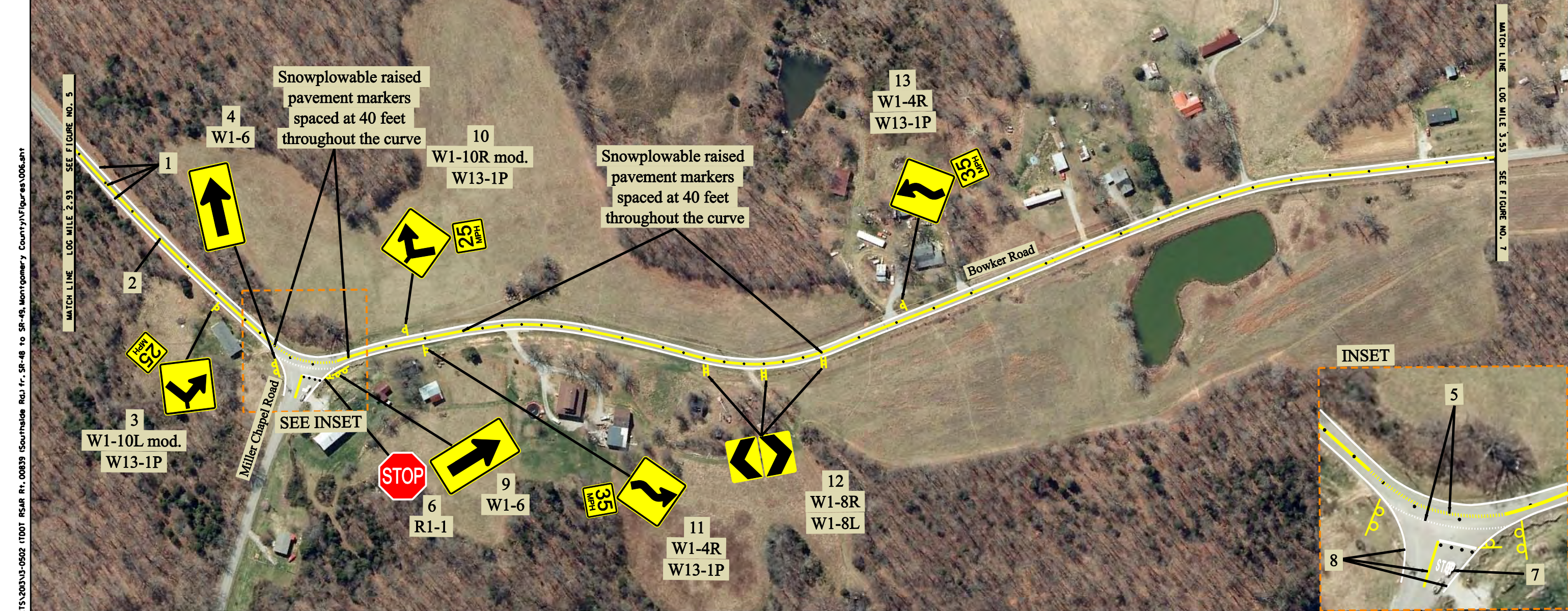


ROAD SAFETY AUDIT REPORT

ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES



TYPE	YEAR	COUNTY	FIGURE NO.
HRRR	2013	DICKSON	6



ROAD SAFETY AUDIT REPORT

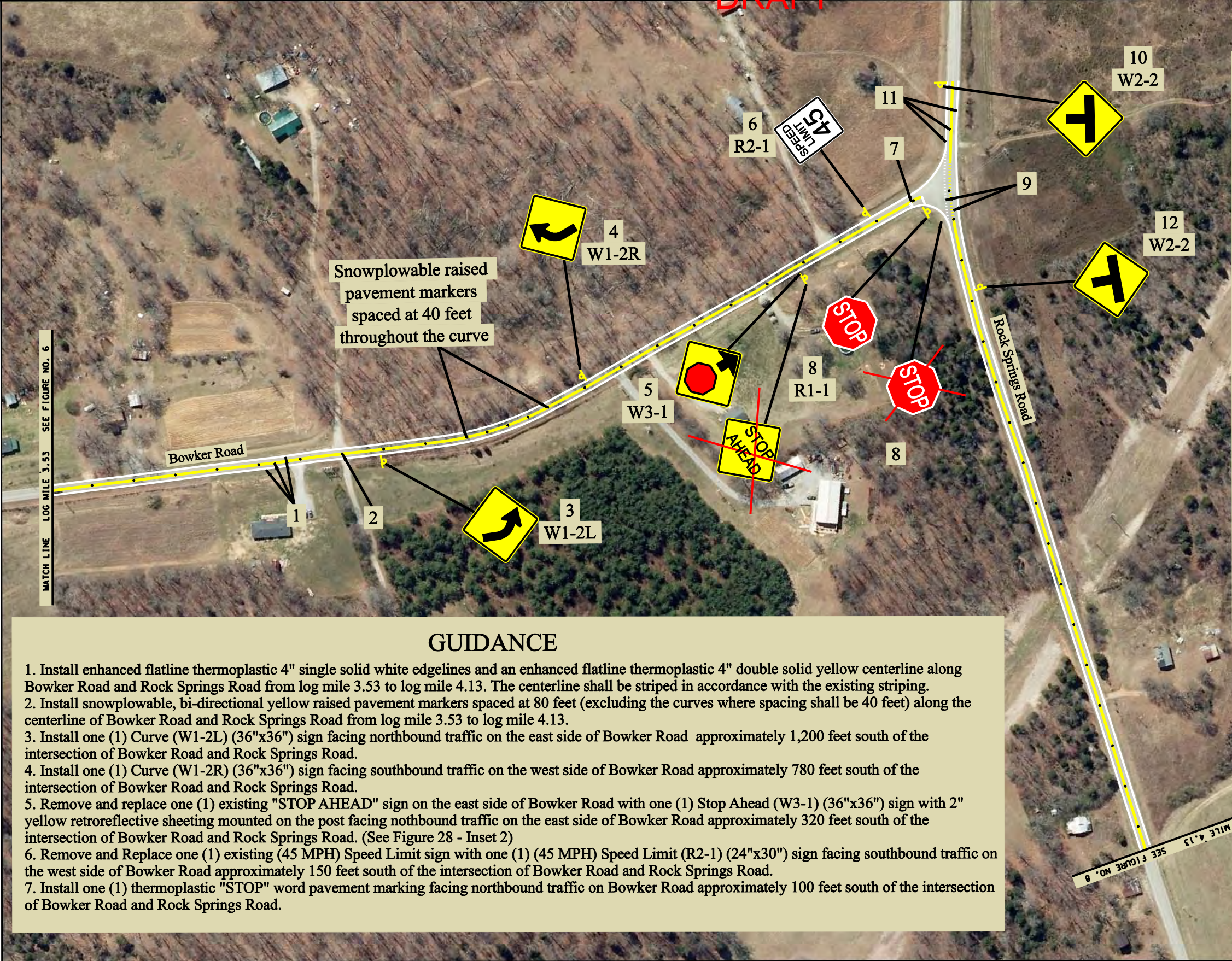
ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION**

ROUTE 00839
L.M. 2.93-
L.M. 3.53
(FIGURE NO. 6)

TENNESSEE D.O.T. PROJECT PLANNING DIVISION FILE NO. ---			TYPE YEAR COUNTY FIGURE NO. HRRR2013DICKSON6A			
7/18/2013 \\files\server\file_server\PROJECTS\2013\13-0502 (TDOT RS&R Rt. 00839 (Southside Rd.) fr. SR-48 to SR-49, Montgomery County)\Figures\006.sht			GUIDANCE			
			1. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Route 00839 from log mile 2.93 to log mile 3.53. The centerline shall be striped in accordance with the existing striping.			
			2. Install snowplowable, bi-directional yellow raised pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Route 00839 from log mile 2.93 to log mile 3.53.			
			3. Install one (1) Combination Horizontal Alignment/Intersection (W1-10L mod.) (36"x36") sign with one (1) (25 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below facing northbound traffic on the east side of Bowker Road approximately 200 feet south of the intersection of Bowker Road and Miller Chapel Road.			
			4. Install one (1) One-Direction Large Arrow (W1-6) (48"x24") sign with 2" strips of yellow retroreflective sheeting mounted on the posts facing southbound traffic on Bowker Road in the northeast quadrant of the intersection of Bowker Road and Miller Chapel Road. (See Figure 28 - Inset 4)			
			5. Install approximately 150 feet of an enhanced flatline thermoplastic 4" single dotted white edgeline and an enhanced flatline thermoplastic 4" double dotted yellow centerline throughout the horizontal curve on Bowker Road at the intersection of Bowker Road and Miller Chapel Road.			
			6. Remove and replace one (1) existing STOP sign on the north side of Miller Chapel Road at the intersection of Bowker Road and Miller Chapel Road with one (1) STOP (R1-1) (36"x36") sign with red retroreflective sheeting mounted on the post, and install a thermoplastic 38' long and 24" wide stop line and four (4) snowplowable, bi-directional white pavement markers on the east side of the stop line on Miller Chapel Road. (See Figure 28 - Inset 1) (Existing Street Name signs to be reused and mounted above the proposed STOP sign.)			
			7. Install one (1) thermoplastic "STOP" word pavement marking facing westbound traffic on Miller Chapel Road approximately 40 feet east of the intersection of Bowker Road and Miller Chapel Road.			
			8. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline approximately 50 feet east of the intersection of Bowker Road and Miller Chapel Road. The proposed striping shall be installed in accordance with the existing striping.			
			9. Install one (1) One-Direction Large Arrow (W1-6) (48"x24") sign with 2" strips of yellow retroreflective sheeting mounted on the posts facing northbound traffic on Bowker Road in the southeast quadrant of the intersection of Bowker Road and Miller Chapel Road. (See Figure 28 - Inset 4)			
			10. Install one (1) Combination Horizontal Alignment/Intersection (W1-10L mod.) (36"x36") sign with one (1) (25 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below facing southbound traffic on the west side of Bowker Road approximately 200 feet north of the intersection of Bowker Road and Miller Chapel Road.			
			11. Install one (1) Reverse Curve (W1-4R) (36"x36") sign with one (1) (35 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below facing northbound traffic on the east side of Bowker Road approximately 230 feet north of the intersection of Bowker Road and Miller Chapel Road.			
			12. Install three (3) sets of double sided Chevron Alignment signs [six (6) total - three (3) W1-8L and three (3) W1-8R] (18"x24") on adjustable mounting brackets with 2" yellow retroreflective sheeting mounted on the posts at 120 foot spacing for 240 feet along the east side of the horizontal curve approximately 810 feet north of the intersection of Bowker Road and Miller Chapel Road. (See Figure 28 - Inset 3)			
			13. Install one (1) Reverse Curve (W1-4R) (36"x36") sign with one (1) (35 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below facing southbound traffic on the west side of Bowker Road approximately 1,250 feet north of the intersection of Bowker Road and Miller Chapel Road.			
			All warning signs shall be fluorescent yellow material.			
			ROAD SAFETY AUDIT REPORT			
			ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY			
			ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY			
			ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY			
			L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21			
			DICKSON, CHEATHAM AND MONTGOMERY COUNTIES			
			STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION PROJECT PLANNING DIVISION			
			ROUTE 00839 L.M. 2.93- L.M. 3.53 (FIGURE NO. 6A)			



GUIDANCE(CONT.)

8. Remove, replace, and relocate one (1) existing STOP sign on the east side of Bowker Road at the intersection of Bowker Road and Rock Springs Road with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post on the east side of Bowker Road approximately 50 feet south of the intersection of Bowker Road and Rock Springs Road, and install a thermoplastic 26' long and 24" wide stop line and four (4) snowplowable, bi-directional white pavement markers on the south side of the stop line on Bowker Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)

9. Install approximately 100 feet of an enhanced flatline thermoplastic 4" single dotted white edgeline and an enhanced flatline thermoplastic 4" double dotted yellow centerline along Rock Springs Road at the intersection of Bowker Road and Rock Springs Road.

10. Install one (1) Side Road (W2-2) (36"x36") sign facing eastbound traffic on the south side of Rock Springs Road approximately 200 feet west of the intersection of Bowker Road and Rock Springs Road.

11. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Rock Springs Road approximately 200 feet west of the intersection of Bowker Road and Rock Springs Road. The centerline shall be striped in accordance with the existing striping.

12. Install one (1) Side Road (W2-2) (36"x36") sign facing westbound traffic on the north side of Rock Springs Road approximately 200 feet east of the intersection of Bowker Road and Rock Springs Road.

****All warning signs shall be fluorescent yellow material.****

GUIDANCE

1. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Bowker Road and Rock Springs Road from log mile 3.53 to log mile 4.13. The centerline shall be striped in accordance with the existing striping.

2. Install snowplowable, bi-directional yellow raised pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Bowker Road and Rock Springs Road from log mile 3.53 to log mile 4.13.

3. Install one (1) Curve (W1-2L) (36"x36") sign facing northbound traffic on the east side of Bowker Road approximately 1,200 feet south of the intersection of Bowker Road and Rock Springs Road.

4. Install one (1) Curve (W1-2R) (36"x36") sign facing southbound traffic on the west side of Bowker Road approximately 780 feet south of the intersection of Bowker Road and Rock Springs Road.

5. Remove and replace one (1) existing "STOP AHEAD" sign on the east side of Bowker Road with one (1) Stop Ahead (W3-1) (36"x36") sign with 2" yellow retroreflective sheeting mounted on the post facing northbound traffic on the east side of Bowker Road approximately 320 feet south of the intersection of Bowker Road and Rock Springs Road. (See Figure 28 - Inset 2)

6. Remove and Replace one (1) existing (45 MPH) Speed Limit sign with one (1) (45 MPH) Speed Limit (R2-1) (24"x30") sign facing southbound traffic on the west side of Bowker Road approximately 150 feet south of the intersection of Bowker Road and Rock Springs Road.

7. Install one (1) thermoplastic "STOP" word pavement marking facing northbound traffic on Bowker Road approximately 100 feet south of the intersection of Bowker Road and Rock Springs Road.



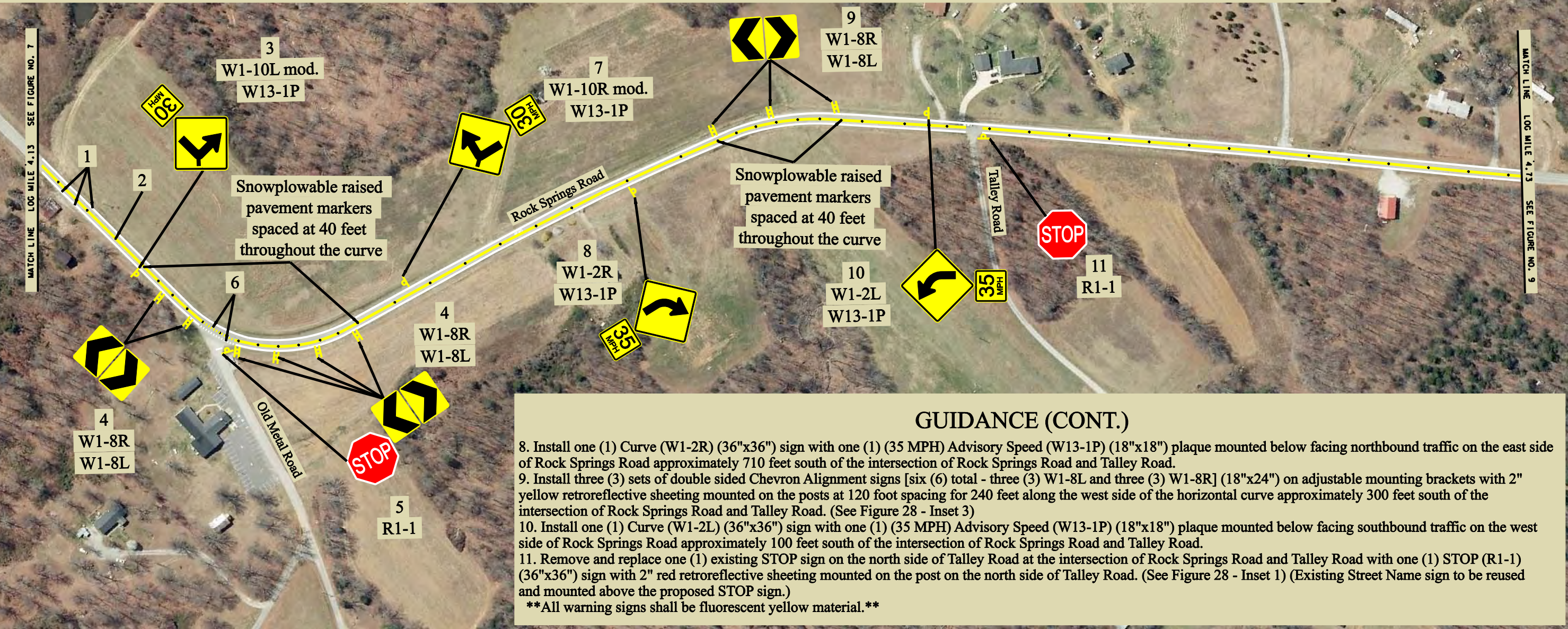
ROAD SAFETY AUDIT REPORT

ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES



GUIDANCE

1. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Rock Springs Road from log mile 4.13 to log mile 4.73. The centerline shall be striped in accordance with the existing striping.
2. Install snowplowable, bi-directional yellow pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Rock Springs Road from log mile 4.13 to log mile 4.73.
3. Install one (1) Combination Horizontal Alignment/Intersection (W1-10L mod.) (36"x36") sign with one (1) (30 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below facing northbound traffic on the east side of Rock Springs Road approximately 200 feet south of the intersection of Rock Springs Road and Old Metal Road.
4. Install six (6) sets of double sided Chevron Alignment signs [twelve (12) total - six (6) W1-8L and six (6) W1-8R] (18"x24") on adjustable mounting brackets with 2" yellow retroreflective sheeting mounted on the posts at 80 foot spacing for 400 feet along the east side of the horizontal curve at the intersection of Rock Springs Road and Old Metal Road. (See Figure 28 - Inset 3)
5. Remove and Replace one (1) existing STOP sign on the north side of Old Metal Road at the intersection of Rock Springs Road and Old Metal Road with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post and install a thermoplastic 13' long and 24" wide stop line on Old Metal Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)
6. Install approximately 75 feet of an enhanced flatline thermoplastic 4" single dotted white edgeline and an enhanced flatline thermoplastic 4" double dotted yellow centerline along Rock Springs Road at the intersection of Rock Springs Road and Old Metal Road.
7. Install one (1) Combination Horizontal Alignment/Intersection (W1-10R mod.) (36"x36") sign with one (1) (30 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below facing southbound traffic on the west side of Rock Springs Road approximately 410 feet north of the intersection of Rock Springs Road and Old Metal Road.



GUIDANCE (CONT.)

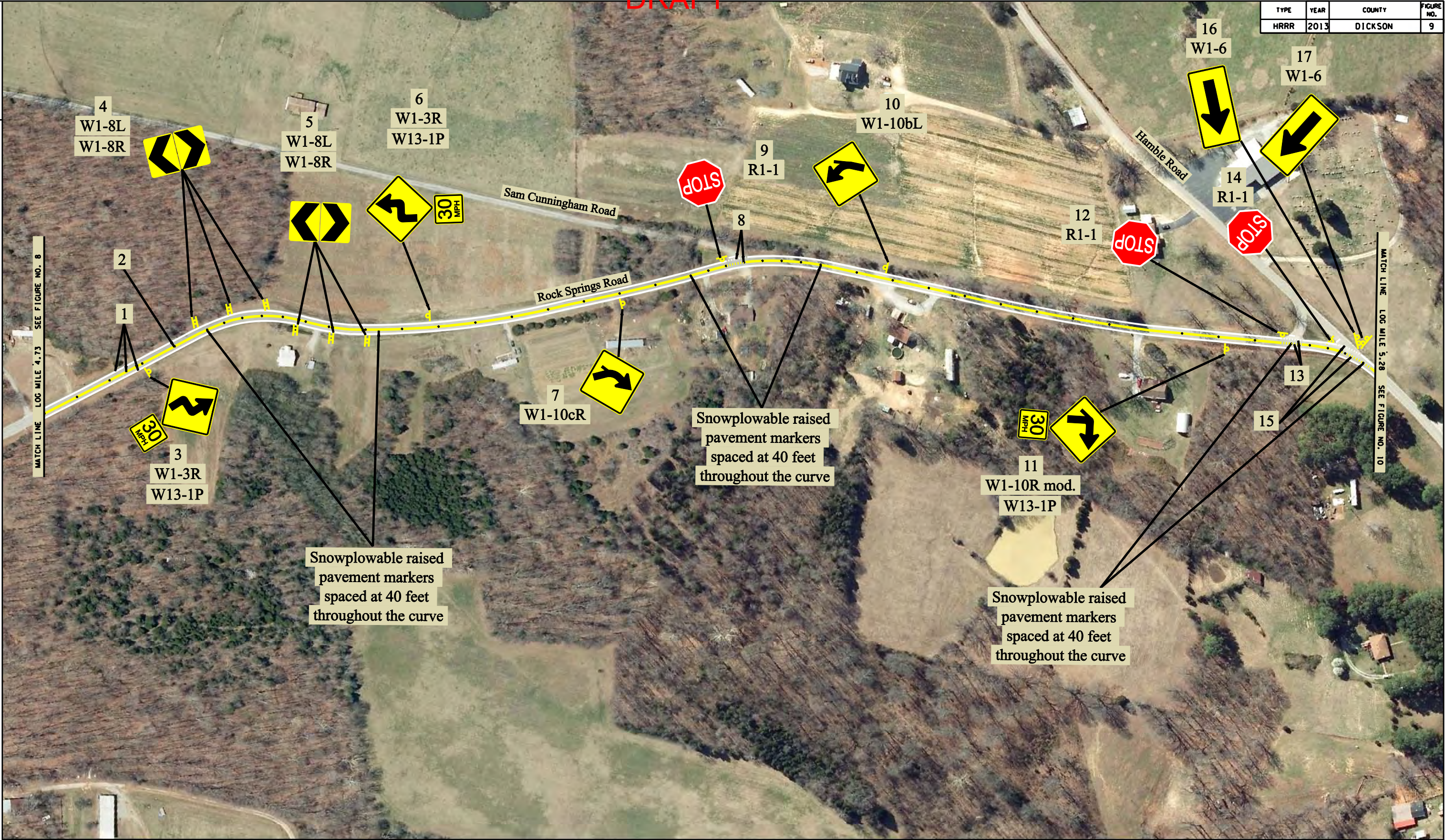
ROAD SAFETY AUDIT REPORT
 ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
 ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
 ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
 L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
 DICKSON, CHEATHAM AND MONTGOMERY COUNTIES

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION
 PROJECT PLANNING DIVISION

ROUTE 00839
 L.M. 4.13-
 L.M. 4.73
 (FIGURE NO. 8)

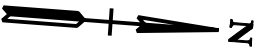
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TYPE	YEAR	COUNTY	FIGURE NO.
HRRR	2013	DICKSON	9



ROAD SAFETY AUDIT REPORT

ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

ROUTE 00839
L.M. 4.73-
L.M. 5.28
(FIGURE NO. 9)

1. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Rock Springs Road from log mile 4.73 to log mile 5.28. The centerline shall be striped in accordance with the existing striping.
2. Install snowplowable, bi-directional yellow pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Rock Springs Road from log mile 4.73 to log mile 5.28.
3. Install one (1) Reverse Turn (W1-3R) (36"x36") sign with one (1) (30 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below facing northbound traffic on the east side of Rock Springs Road approximately 1,350 feet south of the intersection of Rock Springs Road and Sam Cunningham Road.
4. Install three (3) sets of double sided Chevron Alignment signs [six (6) total - three (3) W1-8L and three (3) W1-8R] (18"x24") on adjustable mounting brackets with 2" yellow retroreflective sheeting mounted on the posts at 80 foot spacing for 160 feet along the west side of the horizontal curve approximately 1,040 feet south of the intersection of Rock Springs Road and Sam Cunningham Road. (See Figure 28 - Inset 3)
5. Install three (3) sets of double sided Chevron Alignment signs [six (6) total - three (3) W1-8L and three (3) W1-8R] (18"x24") on adjustable mounting brackets with 2" yellow retroreflective sheeting mounted on the posts at 80 foot spacing for 160 feet along the east side of the horizontal curve approximately 820 feet south of the intersection of Rock Springs Road and Sam Cunningham Road. (See Figure 28 - Inset 3)
6. Install one (1) Reverse Turn (W1-3R) (36"x36") sign with one (1) (30 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below facing southbound traffic on the west side of Rock Springs Road approximately 690 feet south of the intersection of Rock Springs Road and Sam Cunningham Road.
7. Install one (1) Combination Horizontal Alignment/Intersection (W1-10cR) (36"x36") sign facing northbound traffic on the east side of Rock Springs Road approximately 260 feet south of the intersection of Rock Springs Road and Sam Cunningham Road.
8. Install approximately 40 feet of an enhanced flatline thermoplastic four (4) inch dotted white edgeline and an enhanced flatline thermoplastic four (4) inch dotted yellow double centerline along Rock Springs Road at the intersection of Rock Springs Road and Sam Cunningham Road.
9. Install one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post on the south side of Sam Cunningham Road at the intersection of Rock Springs Road and Sam Cunningham Road, and install a thermoplastic 15' long and 24" wide stop line on Sam Cunningham Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)
10. Install one (1) Combination Horizontal Alignment/Intersection (W1-10bL) (36"x36") sign facing southbound traffic on the west side of Rock Springs Road approximately 330 feet north of the intersection of Rock Springs Road and Sam Cunningham Road.
11. Install one (1) Combination Horizontal Alignment/Intersection (W1-10R mod.) (36"x36") sign with one (1) (30 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below facing northbound traffic on the east side of Rock Springs Road approximately 150 feet south of the southernmost intersection of Rock Springs Road and Hamble Road.
12. Install one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post on the south side of Hamble Road at the southernmost intersection of Rock Springs Road and Hamble Road and install a thermoplastic 12' long and 24" wide stop line on Hamble Road. (See Figure 28 - Inset 1)
13. Install approximately 50 feet of an enhanced flatline thermoplastic four (4) inch dotted white edgeline and an enhanced flatline thermoplastic four (4) inch dotted yellow double centerline along Rock Springs Road at the southernmost intersection of Rock Springs Road and Hamble Road.
14. Remove and replace one (1) existing STOP sign on Hamble Road with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post on the south side of Hamble Road at the northernmost intersection of Rock Springs Road and Hamble Road, and install a thermoplastic 11' long and 24" wide stop line on Hamble Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)
15. Install approximately 80 feet of an enhanced flatline thermoplastic four (4) inch dotted white edgeline and four (4) inch dotted yellow double centerline along Rock Springs Road at the northernmost intersection of Rock Springs Road and Hamble Road.
16. Install one (1) One-Direction Large Arrow (W1-6) (48" x 24") sign with 2" yellow retroreflective sheeting mounted on the posts facing northbound traffic in the northernmost quadrant of the intersection of Rock Springs Road and Hamble Road. (See Figure 28 - Inset 4)
17. Install one (1) One-Direction Large Arrow (W1-6) (48" x 24") sign with 2" yellow retroreflective sheeting mounted on the posts facing southbound traffic in the northernmost quadrant of the intersection of Rock Springs Road and Hamble Road. (See Figure 28 - Inset 4)

****All warning signs shall be fluorescent yellow material.****

ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES

ROUTE 00839
L.M. 4.73-
L.M. 5.28
(FIGURE NO. 9A)

GUIDANCE

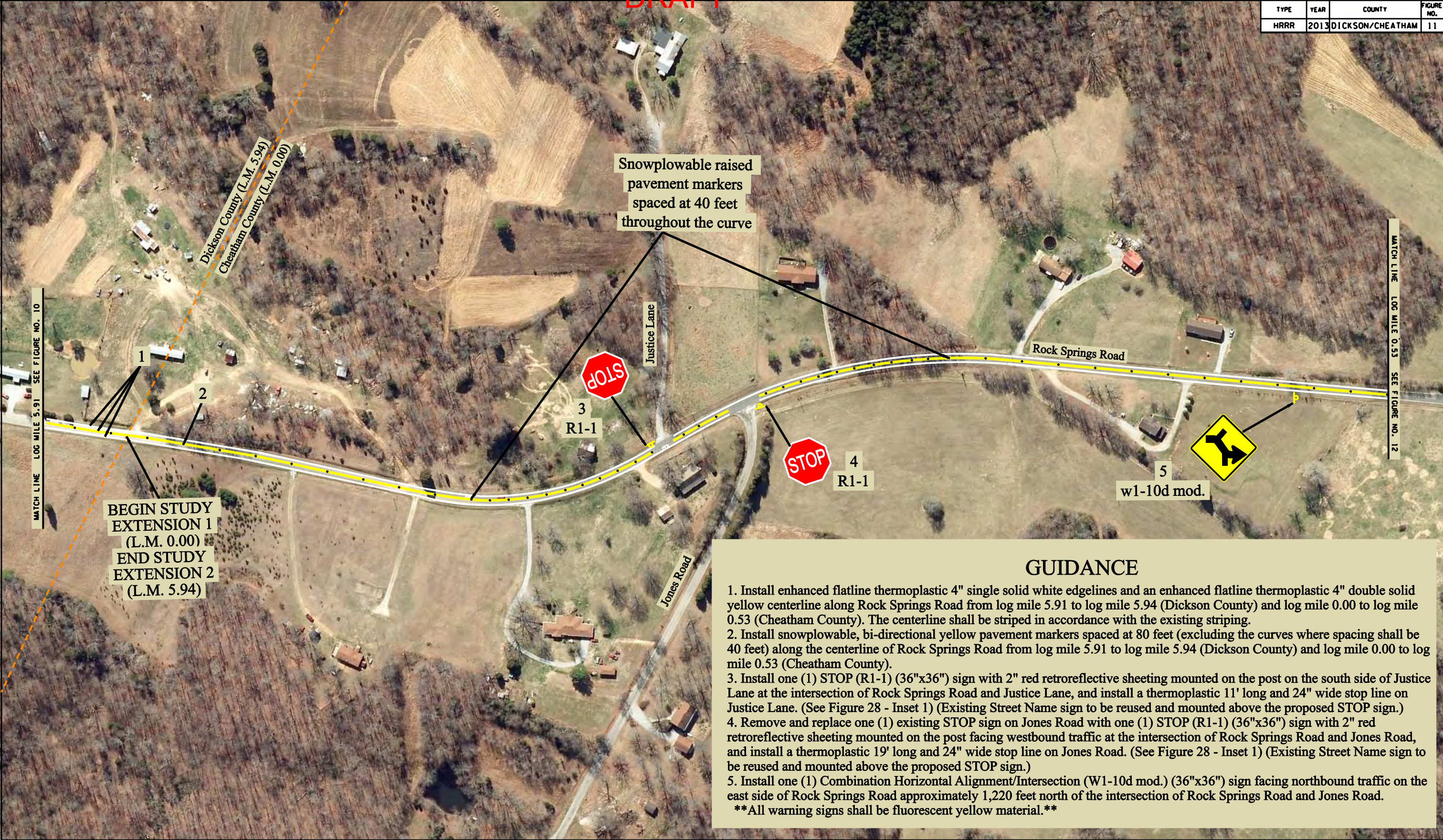
1. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Rock Springs Road from log mile 5.28 to log mile 5.91. The centerline shall be striped in accordance with the existing striping.
2. Install snowplowable, bi-directional yellow pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Rock Springs Road from log mile 5.28 to log mile 5.91.
3. Install one (1) Combination Horizontal Alignment/Intersection (W1-10L mod.) (36"x36") sign with one (1) (30 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below facing southbound traffic on the west side of Rock Springs Road approximately 900 feet south of the intersection of Rock Springs Road and May Berry Road.
4. Install one (1) Curve (W1-2L) (36"x36") sign facing northbound traffic on the east side of Rock Springs Road approximately 420 feet south of the intersection of Rock Springs Road and May Berry Road.
5. Install one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post on the north side of May Berry Road at the intersection of Rock Springs Road and May Berry Road. (See Figure 28 - Inset 1)
6. Install one (1) Curve (W1-2R) (36"x36") sign facing southbound traffic on the west side of Rock Springs Road approximately 650 feet north of the intersection of Rock Springs Road and May Berry Road.
7. Remove and replace one (1) existing (45 MPH) Speed Limit sign approximately 110 feet south of the intersection of Rock Springs Road and Bloom Landing Road with one (1) (45 MPH) Speed Limit (R2-1) (24"x30") sign facing southbound traffic on the west side of Rock Springs Road
8. Remove and replace one (1) existing STOP sign on Bloom Landing Road with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post facing westbound traffic at the intersection of Rock Springs Road and Bloom Landing Road, and install a thermoplastic 17' long and 24" wide stop line on Bloom Landing Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)
- **All warning signs shall be fluorescent yellow material.**



ROAD SAFETY AUDIT REPORT

ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES





GUIDANCE

1. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Rock Springs Road from log mile 5.91 to log mile 5.94 (Dickson County) and log mile 0.00 to log mile 0.53 (Cheatham County). The centerline shall be striped in accordance with the existing striping.
 2. Install snowplowable, bi-directional yellow pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Rock Springs Road from log mile 5.91 to log mile 5.94 (Dickson County) and log mile 0.00 to log mile 0.53 (Cheatham County).
 3. Install one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post on the south side of Justice Lane at the intersection of Rock Springs Road and Justice Lane, and install a thermoplastic 11' long and 24" wide stop line on Justice Lane. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)
 4. Remove and replace one (1) existing STOP sign on Jones Road with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post facing westbound traffic at the intersection of Rock Springs Road and Jones Road, and install a thermoplastic 19' long and 24" wide stop line on Jones Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)
 5. Install one (1) Combination Horizontal Alignment/Intersection (W1-10d mod.) (36"x36") sign facing northbound traffic on the east side of Rock Springs Road approximately 1,220 feet north of the intersection of Rock Springs Road and Jones Road.
- **All warning signs shall be fluorescent yellow material.****

ROAD SAFETY AUDIT REPORT

ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

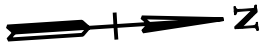
ROUTE 00839
L.M. 5.91-L.M. 5.94
(DICKSON COUNTY)
L.M. 0.00-L.M. 0.53
(CHEATHAM COUNTY)
(FIGURE NO. 11)

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ROAD SAFETY AUDIT REPORT

ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

ROUTE 00839
L.M. 0.53-
L.M. 1.17
(FIGURE NO. 12)

GUIDANCE

1. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Rock Springs Road from log mile 0.53 to log mile 1.17. The centerline shall be striped in accordance with the existing striping.

2. Install snowplowable, bi-directional yellow pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Rock Springs Road from log mile 0.53 to log mile 1.17.

3. Install approximately 90 feet of an enhanced flatline thermoplastic four (4) inch dotted white edgeline and an enhanced flatline thermoplastic four (4) inch dotted yellow double centerline along Rock Springs Road at the southernmost intersection of Rock Springs Road and Batson Mill Road.

4. Remove and replace one (1) existing STOP sign on Batson Mill Road with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post facing eastbound traffic at the southernmost intersection of Rock Springs Road and Batson Mill Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)

5. Install a 6" yellow roadside obstacle delineation strip around the existing utility pole on the west side of the Rock Springs Road approximately 110 feet south of the northernmost intersection of Rock Springs Road and Batson Mill Road.. (See Figure 28 - Inset 5)

6. Remove and replace one (1) existing STOP sign on Batson Mill Road with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post facing eastbound traffic at the northernmost intersection of Rock Springs Road and Batson Mill Road, and install a thermoplastic 8' long and 24" wide stop line on Batson Mill Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)

7. Install approximately 50 feet of an enhanced flatline thermoplastic four (4) inch dotted white edgeline and an enhanced flatline thermoplastic four (4) inch dotted yellow double centerline along Rock Springs Road at the northernmost intersection of Rock Springs Road and Batson Mill Road.

8. Install one (1) One-Direction Large Arrow (W1-6) (48" x 24") sign with 2" yellow retroreflective sheeting mounted on the posts on the east side of Rock Springs Road facing southbound traffic in the southeast quadrant of the intersection of Rock Springs Road and Hunley Branch Road. (See Figure 28 - Inset 4)

9. Install approximately 180 feet of an enhanced flatline thermoplastic four (4) inch dotted white edgeline and an enhanced flatline thermoplastic four (4) inch dotted yellow double centerline along Rock Springs Road at the intersection of Rock Springs Road and Hunley Branch Road.

10. Remove and replace one (1) existing STOP sign on Hunley Branch Road with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post facing westbound traffic at the intersection of Rock Springs Road and Hunley Branch Road, and install a thermoplastic 9' long and 24" wide stop line on Hunley Branch Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)

11. Install one (1) One-Direction Large Arrow (W1-6) (48" x 24") sign with 2" yellow retroreflective sheeting mounted on the posts on the east side of Rock Springs Road facing northbound traffic in the northeast quadrant of the intersection of Rock Springs Road and Hunley Branch Road. (See Figure 28 - Inset 4)

12. Install one (1) Combination Horizontal Alignment/Intersection (W1-10d mod.) (36"x36") sign facing southbound traffic on the west side of Rock Springs Road approximately 430 feet north of the intersection of Rock Springs Road and Hunley Branch Road.

13. Install one (1) Curve (W1-2L) (36"x36") sign facing northbound traffic on the east side of Rock Springs Road approximately 850 feet north of the intersection of Rock Springs Road and Hunley Branch Road.

14. Install one (1) Curve (W1-2R) (36"x36") sign facing southbound traffic on the west side of Rock Springs Road approximately 1,810 feet north of the intersection of Rock Springs Road and Hunley Branch Road.

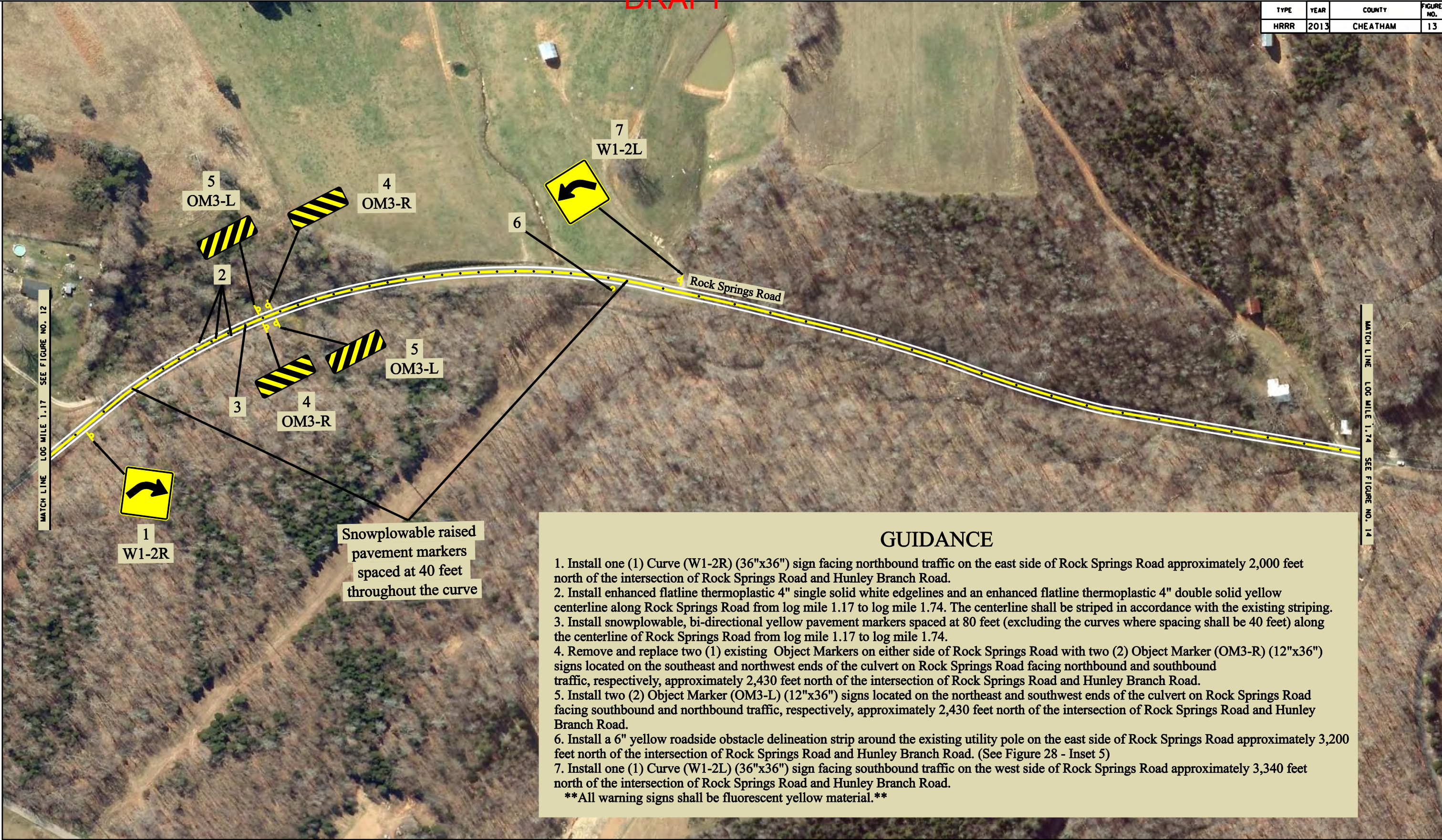
All warning signs shall be fluorescent yellow material.

ROAD SAFETY AUDIT REPORT

ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

ROUTE 00839
L.M. 0.53-
L.M. 1.17
(FIGURE NO. 12A)



GUIDANCE

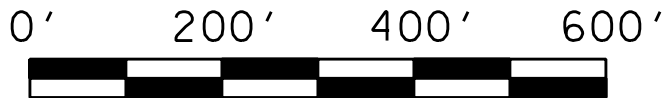
1. Install one (1) Curve (W1-2R) (36"x36") sign facing northbound traffic on the east side of Rock Springs Road approximately 2,000 feet north of the intersection of Rock Springs Road and Hunley Branch Road.
 2. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Rock Springs Road from log mile 1.17 to log mile 1.74. The centerline shall be striped in accordance with the existing striping.
 3. Install snowplowable, bi-directional yellow pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Rock Springs Road from log mile 1.17 to log mile 1.74.
 4. Remove and replace two (1) existing Object Markers on either side of Rock Springs Road with two (2) Object Marker (OM3-R) (12"x36") signs located on the southeast and northwest ends of the culvert on Rock Springs Road facing northbound and southbound traffic, respectively, approximately 2,430 feet north of the intersection of Rock Springs Road and Hunley Branch Road.
 5. Install two (2) Object Marker (OM3-L) (12"x36") signs located on the northeast and southwest ends of the culvert on Rock Springs Road facing southbound and northbound traffic, respectively, approximately 2,430 feet north of the intersection of Rock Springs Road and Hunley Branch Road.
 6. Install a 6" yellow roadside obstacle delineation strip around the existing utility pole on the east side of Rock Springs Road approximately 3,200 feet north of the intersection of Rock Springs Road and Hunley Branch Road. (See Figure 28 - Inset 5)
 7. Install one (1) Curve (W1-2L) (36"x36") sign facing southbound traffic on the west side of Rock Springs Road approximately 3,340 feet north of the intersection of Rock Springs Road and Hunley Branch Road.
- **All warning signs shall be fluorescent yellow material.****

ROAD SAFETY AUDIT REPORT

ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES

GUIDANCE

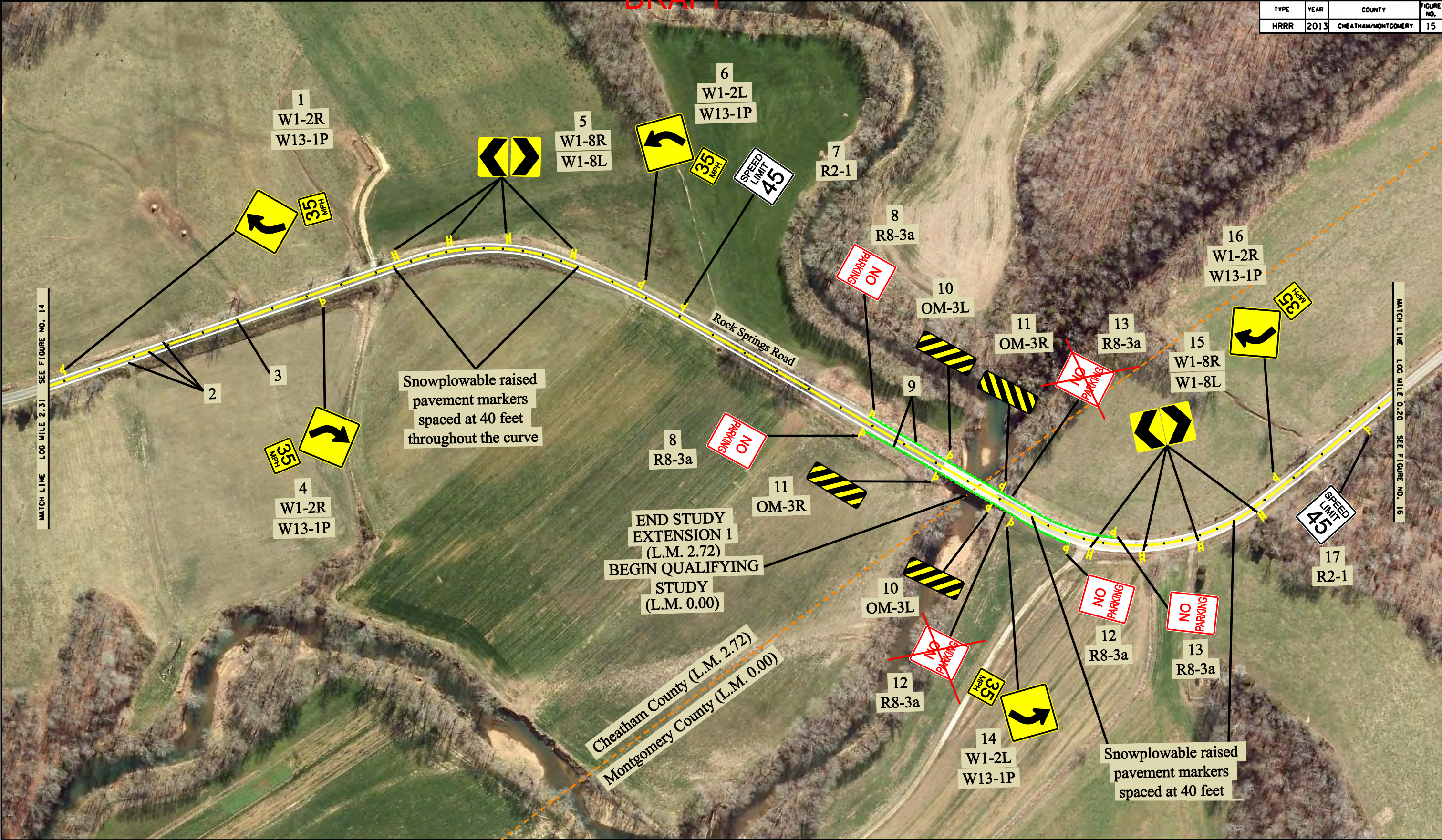
- 1. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Rock Springs Road from log mile 1.74 to log mile 2.31. The centerline shall be striped in accordance with the existing striping.
 - 2. Install snowplowable, bi-directional yellow pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Rock Springs Road from log mile 1.74 to log mile 2.31.
 - 3. Remove and replace one (1) existing STOP sign on Hunley Branch Road with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post facing westbound traffic at the intersection of Rock Springs Road and Hunley Branch Road, and install a thermoplastic 16' long and 24" wide stop line on Hunley Branch Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)
 - 4. Install one (1) Curve (W1-2L) (36"x36") sign with one (1) (35 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below facing northbound traffic on the east side of Rock Springs Road approximately 2,100 feet north of the intersection of Rock Springs Road and Hunley Branch Road.
 - 5. Install four (4) sets of double sided Chevron Alignment signs [eight (8) total - four (4) W1-8L and four (4) W1-8R] (18"x24") on adjustable mounting brackets with 2" yellow retroreflective sheeting mounted on the posts at 80 foot spacing for 240 feet along the east side of the horizontal curve approximately 2,200 feet north of the intersection of Rock Springs Road and Hunley Branch Road. (See Figure 28 - Inset 3)
- **All warning signs shall be fluorescent yellow material.****



ROAD SAFETY AUDIT REPORT

ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES





ROAD SAFETY AUDIT REPORT

ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

ROUTE 00839
L.M. 2.31-L.M. 2.72
(CHEATHAM COUNTY)
L.M. 0.00-L.M. 0.20
(MONTGOMERY COUNTY)
(FIGURE NO. 15)

GUIDANCE

1. Install one (1) Curve (W1-2R) (36"x36") sign with one (1) (35 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below facing southbound traffic on the west side of Rock Springs Road approximately 2,580 feet north of the intersection of Rock Springs Road and Hunley Branch Road.

2. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Rock Springs Road from log mile 2.31 to log mile 2.72 (Cheatham County) and log mile 0.00 to log mile 0.20 (Montgomery County). The centerline shall be striped in accordance with the existing striping.

3. Install snowplowable, bi-directional yellow pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Rock Springs Road from log mile 2.31 to log mile 2.72 (Cheatham County) and log mile 0.00 to log mile 0.20 (Montgomery County).

4. Install one (1) Curve (W1-2R) (36"x36") sign with one (1) (35 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below facing northbound traffic on the east side of Rock Springs Road approximately 3,160 feet north of the intersection of Rock Springs Road and Hunley Branch Road.

5. Install four (4) sets of double sided Chevron Alignment signs [eight (8) total - four (4) W1-8L and four (4) W1-8R] (18"x24") on adjustable mounting brackets with 2" yellow retroreflective sheeting mounted on the posts at 120 foot spacing for 360 feet along the west side of the horizontal curve approximately 3,360 feet north of the intersection of Rock Springs Road and Hunley Branch Road.(See Figure 28 - Inset 3)

6. Install one (1) Curve (W1-2L) (36"x36") sign with one (1) (35 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below facing southbound traffic on the west side of Rock Springs Road approximately 3,900 feet north of the intersection of Rock Springs Road and Hunley Branch Road.

7. Remove and replace one (1) existing (45 MPH) Speed Limit sign with one (1) (45 MPH) Speed Limit (R2-1) (24"x30") sign on the west side of Rock Springs Road facing southbound traffic approximately 4,000 feet north of the intersection of Rock Springs Road and Hunley Branch Road.

8. Remove and replace two (2) existing NO PARKING signs with two (2) NO PARKING (R8-3a) (24"x30") signs facing northbound traffic on either side of Rock Springs Road approximately 4,470 feet north of the intersection of Rock Springs Road and Hunley Branch Road.

9. Install white continuous delineation enhancement to the existing guardrail and barrier wall on either side of the bridge located on Rock Springs Road beginning approximately 5,000 feet north of the intersection of Rock Springs Road and Hunley Branch Road and extending approximately 590 feet north and install four (4) Type 21 guardrail terminals on the approach ends of the guardrail. (See TDOT Standard Drawing S-GR-26, 27, and 28)

10. Install two (2) Object Marker (OM3-L) (12"x36") signs located on the northeast and southwest corners of the bridge on Rock Springs Road facing southbound and northbound traffic, respectively, approximately 5,280 feet north of the intersection of Rock Springs Road and Hunley Branch Road.

11. Install two (2) Object Marker (OM3-R) (12"x36") signs located on the northwest and southeast corners of the bridge on Rock Springs Road facing southbound and northbound traffic, respectively, approximately 5,280 feet north of the intersection of Rock Springs Road and Hunley Branch Road.

12. Remove, replace and relocate one (1) existing NO PARKING sign located approximately 5,360 feet north of the intersection of Rock Springs Road and Hunley Branch Road with one (1) NO PARKING (R8-3a) (24"x30") sign facing southbound traffic on the east side of Rock Springs Road approximately 5,520 feet north of the intersection of Rock Springs Road and Hunley Branch Road.

13. Remove, replace and relocate one (1) existing NO PARKING sign located approximately 5,360 feet north of the intersection of Rock Springs Road and Hunley Branch Road with one (1) NO PARKING (R8-3a) (24"x30") sign facing southbound traffic on the west side of Rock Springs Road approximately 5,620 feet north of the intersection of Rock Springs Road and Hunley Branch Road.

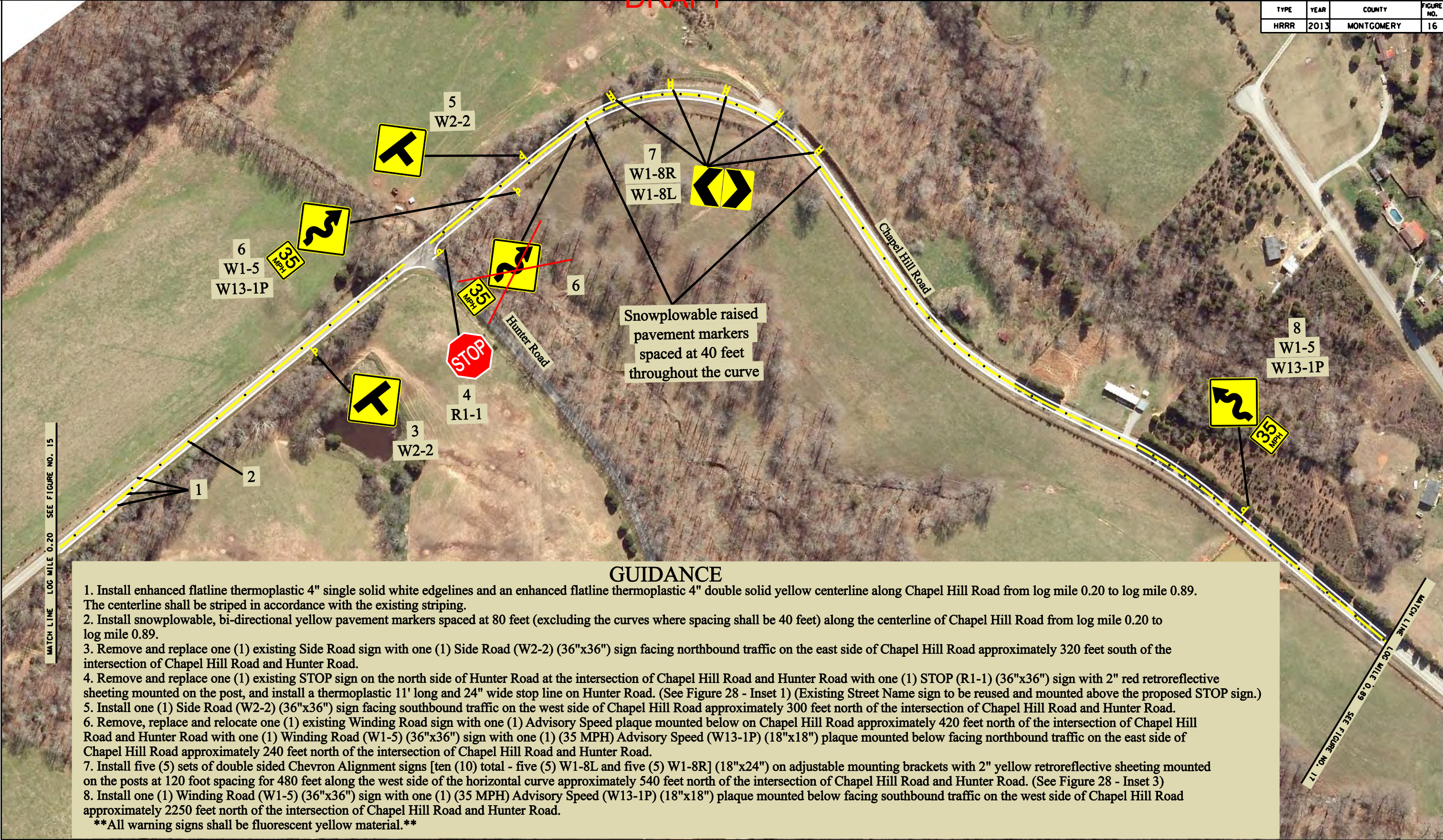
14. Install one (1) Curve (W1-2L) (36"x36") sign with one (1) (35 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below facing northbound traffic on the east side of Rock Springs Road approximately 5,380 feet north of the intersection of Rock Springs Road and Hunley Branch Road.

15. Install four (4) sets of double sided Chevron Alignment signs [eight (8) total - four (4) W1-8L and four (4) W1-8R] (18"x24") on adjustable mounting brackets with 2" yellow retroreflective sheeting mounted on the posts at 120 foot spacing for 360 feet along the east side of the horizontal curve approximately 5,250 feet north of the intersection of Rock Springs Road and Hunley Branch Road. (See Figure 28 - Inset 3)

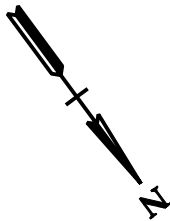
16. Install one (1) Curve (W1-2R) (36"x36") sign with one (1) (35 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below facing southbound traffic on the west side of Rock Springs Road approximately 5,680 feet north of the intersection of Rock Springs Road and Hunley Branch Road.

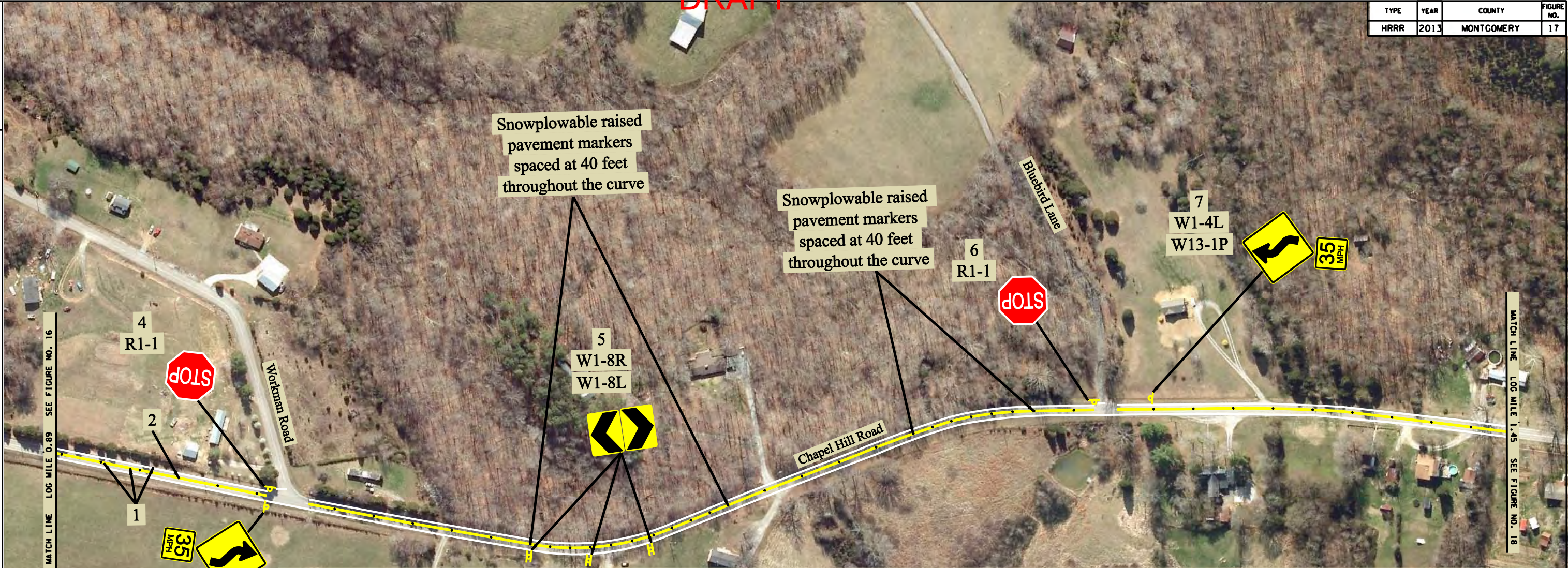
17. Remove and replace one (1) existing (45 MPH) Speed Limit sign with one (1) (45 MPH) Speed Limit (R2-1) (24"x30") sign on the east of side of Rock Springs Road facing northbound traffic approximately 5,900 feet north of the intersection of Rock Springs Road and Hunley Branch Road.

All warning signs shall be fluorescent yellow material.



ROAD SAFETY AUDIT REPORT
ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES





GUIDANCE

1. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Chapel Hill Road from log mile 0.89 to log mile 1.45. The centerline shall be striped in accordance with the existing striping.
 2. Install snowplowable, bi-directional yellow pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Chapel Hill Road from log mile 0.89 to log mile 1.45.
 3. Remove and replace one (1) existing Reverse Curve sign located approximately 40 feet south of the intersection of Chapel Hill Road and Workman Road with one (1) Reverse Curve (W1-4L) (36"x36") sign with one (1) (35 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below facing northbound traffic on the east side of Chapel Hill Road.
 4. Remove and replace one (1) existing STOP sign on the south side of Workman Road at the intersection of Chapel Hill Road and Workman Road with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post, and install a thermoplastic 21' long and 24" wide stop line on Workman Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)
 5. Install three (3) sets of double sided Chevron Alignment signs [six (6) total - three (3) W1-8L and three (3) W1-8R] (18"x24") on adjustable mounting brackets with 2" yellow retroreflective sheeting mounted on the posts at 120 foot spacing for 240 feet along the east side of the horizontal curve approximately 500 feet north of the intersection of Chapel Hill Road and Workman Road. (See Figure 28 - Inset 3)
 6. Remove and replace one (1) existing STOP sign on the south side of Bluebird Lane at the intersection of Chapel Hill Road and Bluebird Lane with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post, and install a thermoplastic 14' long and 24" wide stop line on Bluebird Lane. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)
 7. Install one (1) Reverse Curve (W1-4L) (36"x36") sign with one (1) (35 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below facing southbound traffic on the west side of Chapel Hill Road approximately 100 feet north of the intersection of Chapel Hill Road and Bluebird Lane.
- **All warning signs shall be fluorescent yellow material.****



ROAD SAFETY AUDIT REPORT

ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES



DRAFT

TYPE	YEAR	COUNTY	FIGURE NO.
HRRR	2013	MONTGOMERY	18



ROAD SAFETY AUDIT REPORT

ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

ROUTE 00839
L.M. 1.45-
L.M. 2.02
(FIGURE NO. 18)

GUIDANCE

1. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Chapel Hill Road from log mile 1.45 to log mile 2.02. The centerline shall be striped in accordance with the existing striping.

2. Install snowplowable, bi-directional yellow pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Chapel Hill Road from log mile 1.45 to log mile 2.02.

3. Remove and replace one (1) existing STOP sign on the south side of Southside Cemetary Road at the southernmost intersection of Chapel Hill Road and Southside Cemetary Road with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post, and install a thermoplastic 11' long and 24" wide stop line on Southside Cemetary Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)

4. Remove and replace one (1) existing Curve sign with one (1) Combination Horizontal Alignment/Intersection (W1-10eR) (36"x36") sign facing northbound traffic on the east side of Chapel Hill Road directly across from Southside Cemetary Road.

5. Remove and replace one (1) existing STOP sign on the south side of Southside Cemetary Road at the northernmost intersection of Chapel Hill Road and Southside Cemetary Road with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post, and install a thermoplastic 10' long and 24" wide stop line on Southside Cemetary Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)

6. Remove and replace one (1) existing Reduced Speed Ahead sign with one (1) Reduced Speed Ahead (W3-5) (36"x36") sign facing northbound traffic on the east side of Chapel Hill Road approximately 260 feet south of the intersection of Chapel Hill Road and Watkins Ford Road.

7. Remove one (1) existing Curve sign on the west side of Chapel Hill Road approximately 140 feet south of the intersection of Chapel Hill Road and Watkins Ford Road.

8. Remove and replace one (1) existing STOP sign on the south side of Watkins Ford Road at the intersection of Chapel Hill Road and Watkins Ford Road with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post, and install a thermoplastic 30' long and 24" wide stop line and four (4) snowplowable, bi-directional white pavement markers on the west side of the stop line on Watkins Ford Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)

9. Install one (1) thermoplastic "STOP" word pavement marking facing eastbound traffic on Watkins Ford Road approximately 40 feet west of the intersection of Chapel Hill Road and Watkins Ford Road.

10. Install approximately 90 feet of an enhanced flatline thermoplastic 4" single dotted white edgeline and an enhanced flatline thermoplastic 4" double dotted yellow centerline along Chapel Hill Road at the intersection of Chapel Hill Road and Watkins Ford Road.

11. Install approximately 90 feet of an enhanced flatline thermoplastic 4" single dotted white edgeline and an enhanced flatline thermoplastic 4" double dotted yellow centerline along Chapel Hill Road at the intersection of Chapel Hill Road and Shelton Ferry Road.

12. Install one (1) thermoplastic "STOP" word pavement marking facing westbound traffic on Shelton Ferry Road approximately 40 feet east of the intersection of Chapel Hill Road and Shelton Ferry Road.

13. Remove and replace one (1) existing STOP sign on the north side of Shelton Ferry Road at the intersection of Chapel Hill Road and Shelton Ferry Road with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post, and install a thermoplastic 25' long and 24" wide stop line and four (4) snowplowable, bi-directional white pavement markers on the east side of the stop line on Shelton Ferry Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)

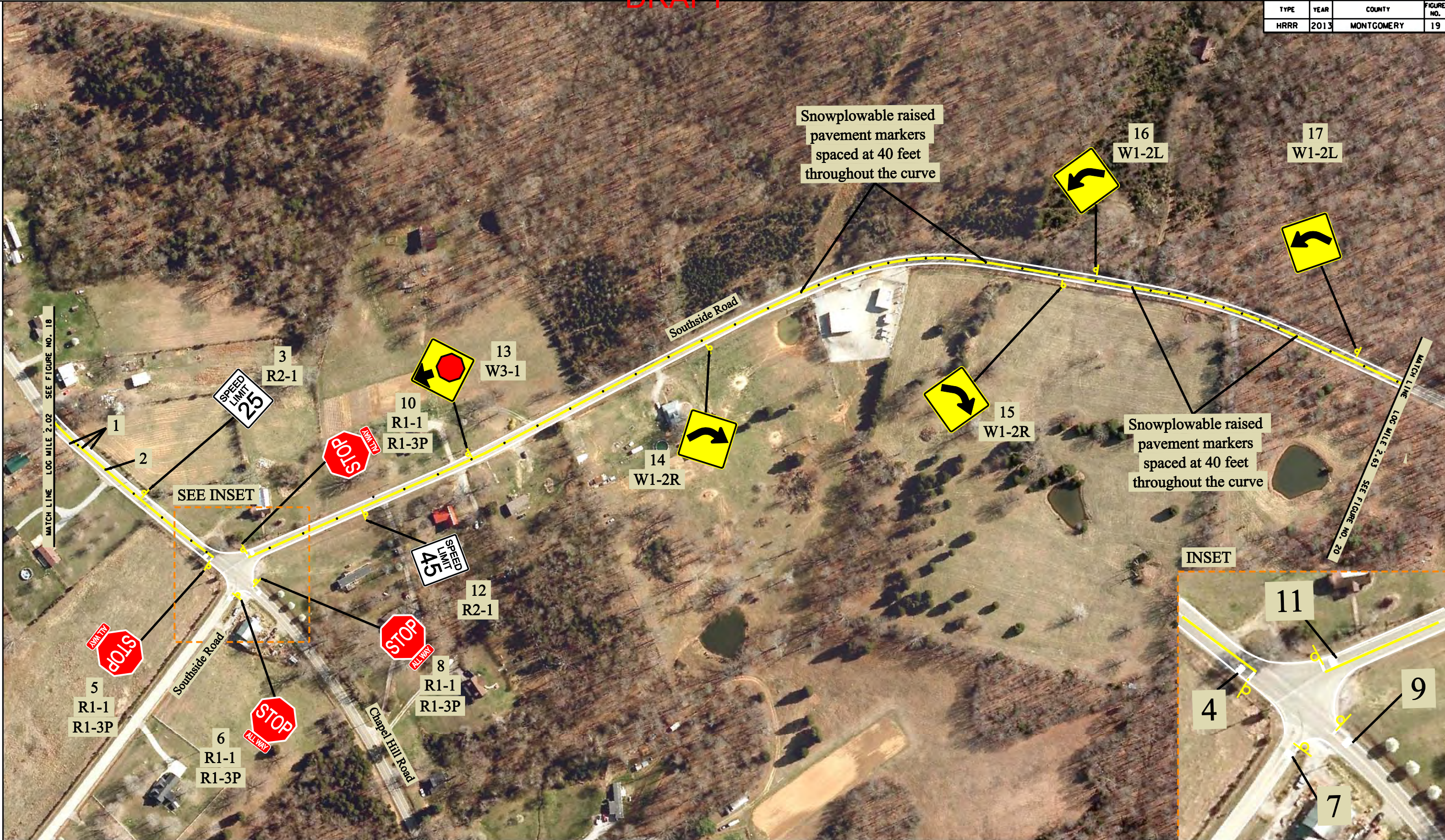
14. Remove and replace one (1) existing (25 MPH) Speed Limit sign with one (1) (25 MPH) Speed Limit (R2-1) (24"x30") sign facing northbound traffic on the east side of Chapel Hill Road approximately 70 feet north of the intersection of Chapel Hill Road and Shelton Ferry Road.

15. Install one (1) Combination Horizontal Alignment/Intersection (W1-10eR) (36"x36") sign facing southbound traffic on the west side of Chapel Hill Road approximately 350 feet north of the intersection of Chapel Hill Road and Shelton Ferry Road.

16. Remove and replace one (1) existing STOP sign on the north side of School Road at the intersection of Chapel Hill Road and School Road with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post, and install a thermoplastic 14' long and 24" wide stop line on School Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)

All warning signs shall be fluorescent yellow material.

7/18/2013
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ROAD SAFETY AUDIT REPORT

ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES



TENNESSEE D.O.T. PROJECT PLANNING DIVISION FILE NO. ---			TYPE YEAR COUNTY FIGURE NO. HRRR2013MONTGOMERY19A			
7/18/2013 \\files\server\file_server\PROJECTS\2013\13-0502 (TDOT RSAR Rt. 00839 (Southside Rd.) fr. SR-48 to SR-49, Montgomery County)\Figures\09a.tif			GUIDANCE			
			1. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Chapel Hill Road/Southside Road from log mile 2.02 to log mile 2.63. The centerline shall be striped in accordance with the existing striping.			
			2. Install snowplowable, bi-directional yellow pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Chapel Hill Road/Southside Road from log mile 2.02 to log mile 2.63.			
			3. Remove and replace one (1) existing (25 MPH) Speed Limit sign with one (1) (25 MPH) Speed Limit (R2-1) (24"x30") sign facing southbound traffic on the west side of Chapel Hill Road approximately 250 feet south of the intersection of Chapel Hill Road and Southside Road.			
			4. Install one (1) thermoplastic "STOP" word pavement marking facing westbound traffic on Chapel Hill Road approximately 50 feet east of the intersection of Chapel Hill Road and Southside Road.			
			5. Remove and replace one (1) existing STOP sign with one (1) ALL WAY plaque on the westbound approach of Chapel Hill Road at the intersection of Chapel Hill Road and Southside Road with one (1) STOP (R1-1) (36"x36") sign and one (1) ALL WAY (R1-3P) (18"x6") plaque mounted below with 2" red retroreflective sheeting mounted on the post, and install a thermoplastic 12' long and 24" wide stop line on Chapel Hill Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)			
			6. Remove and replace one (1) existing STOP sign with one (1) ALL WAY plaque on the southbound approach of Southside Road at the intersection of Chapel Hill Road and Southside Road with one (1) STOP (R1-1) (36"x36") sign and one (1) ALL WAY (R1-3P) (18"x6") plaque mounted below with 2" red retroreflective sheeting mounted on the post, and install a thermoplastic 10' long and 24" wide stop line on Southside Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)			
			7. Install one (1) thermoplastic "STOP" word pavement marking facing southbound traffic on Southside Road approximately 50 feet north of the intersection of Chapel Hill Road and Southside Road.			
			8. Remove and replace one (1) existing STOP sign with one (1) ALL WAY plaque on the eastbound approach of Chapel Hill Road at the intersection of Chapel Hill Road and Southside Road with one (1) STOP (R1-1) (36"x36") sign and one (1) ALL WAY (R1-3P) (18"x6") plaque mounted below with 2" red retroreflective sheeting mounted on the post, and install a thermoplastic 10' long and 24" wide stop line on Chapel Hill Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)			
			9. Install one (1) thermoplastic "STOP" word pavement marking facing eastbound traffic on Chapel Hill Road approximately 50 feet west of the intersection of Chapel Hill Road and Southside Road.			
			10. Remove and replace one (1) existing STOP sign with one (1) ALL WAY plaque on the northbound approach of Southside Road at the intersection of Chapel Hill Road and Southside Road with one (1) STOP (R1-1) (36"x36") sign and one (1) ALL WAY (R1-3P) (18"x6") plaque mounted below with 2" red retroreflective sheeting mounted on the post, and install a thermoplastic 12' long and 24" wide stop line on Southside Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)			
			11. Install one (1) thermoplastic "STOP" word pavement marking facing northbound traffic on Southside Road approximately 50 feet south of the intersection of Chapel Hill Road and Southside Road.			
			12. Remove and replace one (1) existing (45 MPH) Speed Limit sign with one (1) (45 MPH) Speed Limit (R2-1) (24"x30") sign on the southbound side of Southside Road approximately 310 feet south of the intersection of Chapel Hill Road and Southside Road.			
			13. Remove and replace one (1) existing Stop Ahead sign with one (1) Stop Ahead (W3-1) (36"x36") sign facing northbound traffic on the east side of Southside Road approximately 570 feet south of the intersection of Chapel Hill Road and Southside Road. (See Figure 28 - Inset 2)			
			14. Remove and replace one (1) existing Curve sign with one (1) Curve (W1-2R) (36"x36") sign facing southbound traffic on the west side of Southside Road approximately 1,140 feet south of the intersection of Chapel Hill Road and Southside Road.			
			15. Remove and replace one (1) existing Curve sign with one (1) Curve (W1-2R) (36"x36") sign facing southbound traffic on the west side of Southside Road approximately 1,960 feet south of the intersection of Chapel Hill Road and Southside Road.			
			16. Remove and replace one (1) existing Curve sign with one (1) Curve (W1-2L) (36"x36") sign facing northbound traffic on the east side of Southside Road approximately 2,030 feet south of the intersection of Chapel Hill Road and Southside Road.			
			17. Install one (1) Curve (W1-2L) (36"x36") sign facing northbound traffic on the east side of Southside Road approximately 2,630 feet south of the intersection of Chapel Hill Road and Southside Road.			
			All warning signs shall be fluorescent yellow material.			
			ROAD SAFETY AUDIT REPORT			
			ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY			
			ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY			
			ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY			
			L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21			
			DICKSON, CHEATHAM AND MONTGOMERY COUNTIES			
			STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION PROJECT PLANNING DIVISION			
			ROUTE 00839 L.M. 2.02- L.M. 2.63 (FIGURE NO. 19A)			

GUIDANCE

1. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Southside Road from log mile 2.63 to log mile 3.20. The centerline shall be striped in accordance with the existing striping.
2. Install snowplowable, bi-directional yellow pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Southside Road from log mile 2.63 to log mile 3.20.
3. Remove one (1) existing Curve sign on the south side of Southside Road approximately 3,580 feet east of the intersection of Southside Road and Moore Lane.
4. Remove and replace one (1) existing (45 MPH) Speed Limit sign with one (1) (45 MPH) Speed Limit (R2-1) (24"x30") sign facing westbound traffic on the north side of Southside Road approximately 3,370 feet east of the intersection of Southside Road and Moore Lane.
5. Remove, replace, and relocate one (1) existing Winding Road sign located approximately 1,630 feet east of the intersection of Southside Road and Moore Lane.with one (1) Winding Road (W1-5) (36"x36") sign with one (1) "NEXT 2.3 MILES" (W16-3P) (30"x24") plaque mounted below facing westbound traffic on the north side of Southside Road approximately 1,950 feet east of the intersection of Southside Road and Moore Lane.
6. Install one (1) Curve (W1-2L) (24"x30") sign facing westbound traffic on the north side of Southside Road approximately 1,300 feet east of the intersection of Southside Road and Moore Lane.
7. Remove and replace one (1) existing (45 MPH) Speed Limit sign with one (1) (45 MPH) Speed Limit (R2-1) (24"x30") sign facing eastbound traffic on the south side of Southside Road approximately 890 feet east of the intersection of Southside Road and Moore Lane.
8. Install one (1) Curve (W1-2R) (24"x30") sign facing eastbound traffic on the south side of Southside Road approximately 720 feet east of the intersection of Southside Road and Moore Lane.

All warning signs shall be fluorescent yellow material.



ROAD SAFETY AUDIT REPORT

ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

ROUTE 00839
L.M. 2.63-
L.M. 3.20
(FIGURE NO. 20)



GUIDANCE

1. Install one (1) Combination Horizontal Alignment/Intersection (W1-10R mod.) (36"x36") sign facing westbound traffic on the north side of Southside Road approximately 660 feet east of the intersection of Southside Road and Moore Lane.
2. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Southside Road from log mile 3.20 to log mile 3.80. The centerline shall be striped in accordance with the existing striping.
3. Install snowplowable, bi-directional yellow pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Southside Road from log mile 3.20 to log mile 3.80.
4. Remove and replace one (1) existing STOP sign on the east side of Moore Lane at the intersection of Southside Road and Moore Lane with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post, and install a thermoplastic 18' long and 24" wide stop line on Moore Lane. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)
5. Install approximately 120 feet of enhanced flatline thermoplastic 4" single dotted white edgeline and an enhanced flatline thermoplastic 4" double dotted yellow centerline along Southside Road at the intersection of Southside Road and Moore Lane.
6. Remove and replace one (1) existing "SCHOOL BUS STOP AHEAD" sign with one (1) School Bus Stop Ahead (S3-1) (36"x36") sign facing eastbound traffic on the south side of Southside Road approximately 640 feet east of the intersection of Southside Road and Devers Road.
7. Remove and replace one (1) existing STOP sign on the east side of Devers Road at the intersection of Southside Road and Devers Road with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post, and install a thermoplastic 18' long and 24" wide stop line on Devers Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)
8. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Devers Road approximately 50 feet south of the intersection of Southside Road and Devers Road.
9. Install approximately 100 feet of enhanced flatline thermoplastic 4" single dotted white edgeline and an enhanced flatline thermoplastic 4" double dotted yellow centerline along Southside Road at the intersection of Southside Road and Devers Road.
10. Remove, replace and relocate one (1) existing Winding Road sign located approximately 90 feet west of the intersection of Southside Road and Devers Road with one (1) Combination Horizontal Alignment/Intersection (W1-10L mod.) (36"x36") sign facing eastbound traffic on the south side of Southside Road approximately 240 feet west of the intersection of Southside Road and Devers Road.
11. Remove one (1) existing Winding Road sign and one (1) "NEXT 1.7 MILES" plaque mounted below on the north side of Southside Road approximately 530 feet west of the intersection of Southside Road and Devers Road.
12. Install one (1) Combination Horizontal Alignment/Intersection (W1-10dL mod.) (36"x36") sign with one (1) (35 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below facing westbound traffic on the north side of Southside Road approximately 1,330 feet west of the intersection of Southside Road and Devers Road.

All warning signs shall be fluorescent yellow material.



ROAD SAFETY AUDIT REPORT

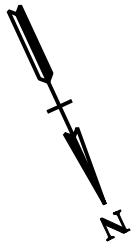
ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY

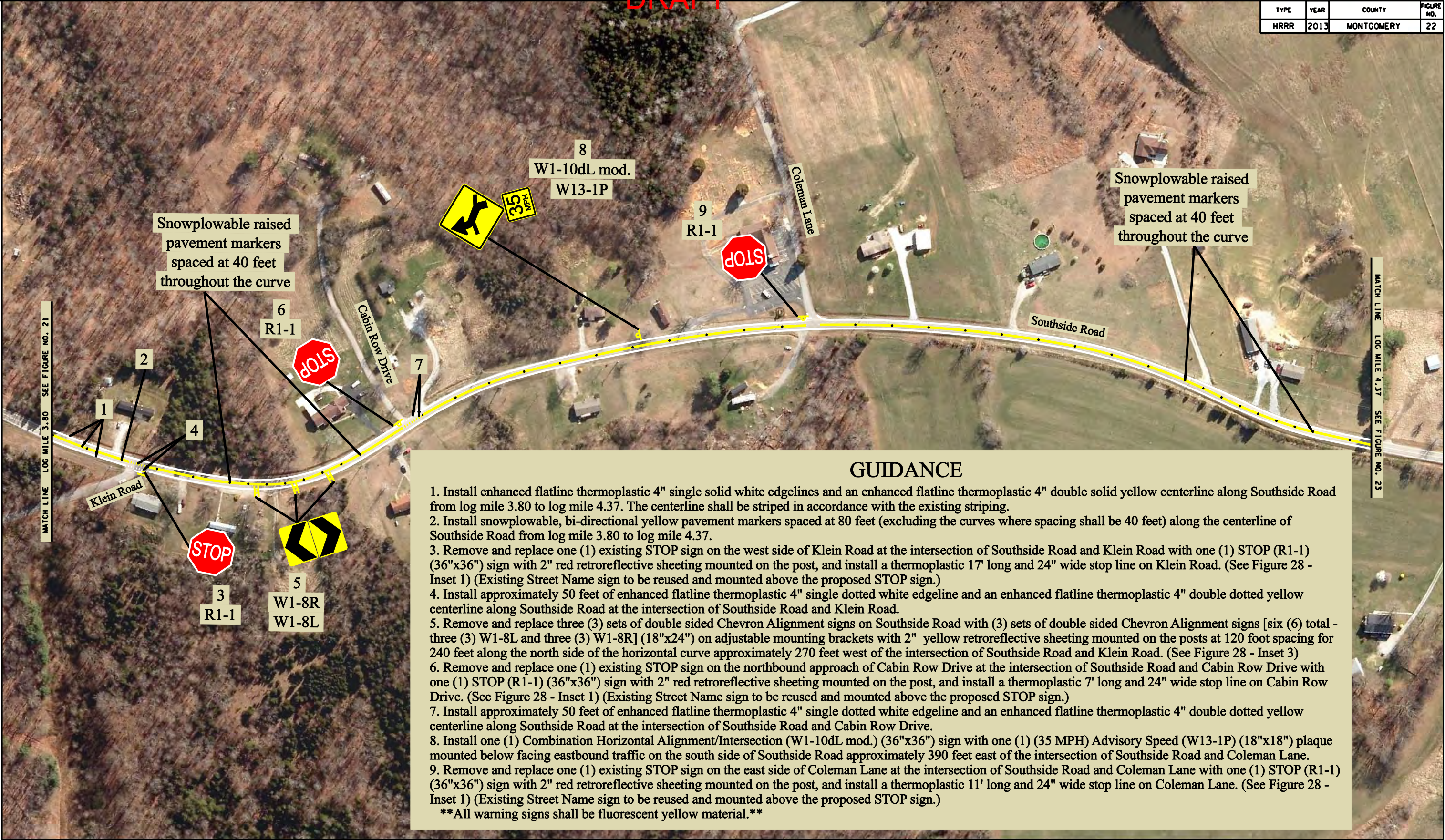
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY

ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY

L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21

DICKSON, CHEATHAM AND MONTGOMERY COUNTIES





GUIDANCE

1. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Southside Road from log mile 3.80 to log mile 4.37. The centerline shall be striped in accordance with the existing striping.
 2. Install snowplowable, bi-directional yellow pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Southside Road from log mile 3.80 to log mile 4.37.
 3. Remove and replace one (1) existing STOP sign on the west side of Klein Road at the intersection of Southside Road and Klein Road with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post, and install a thermoplastic 17' long and 24" wide stop line on Klein Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)
 4. Install approximately 50 feet of enhanced flatline thermoplastic 4" single dotted white edgeline and an enhanced flatline thermoplastic 4" double dotted yellow centerline along Southside Road at the intersection of Southside Road and Klein Road.
 5. Remove and replace three (3) sets of double sided Chevron Alignment signs on Southside Road with (3) sets of double sided Chevron Alignment signs [six (6) total - three (3) W1-8L and three (3) W1-8R] (18"x24") on adjustable mounting brackets with 2" yellow retroreflective sheeting mounted on the posts at 120 foot spacing for 240 feet along the north side of the horizontal curve approximately 270 feet west of the intersection of Southside Road and Klein Road. (See Figure 28 - Inset 3)
 6. Remove and replace one (1) existing STOP sign on the northbound approach of Cabin Row Drive at the intersection of Southside Road and Cabin Row Drive with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post, and install a thermoplastic 7' long and 24" wide stop line on Cabin Row Drive. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)
 7. Install approximately 50 feet of enhanced flatline thermoplastic 4" single dotted white edgeline and an enhanced flatline thermoplastic 4" double dotted yellow centerline along Southside Road at the intersection of Southside Road and Cabin Row Drive.
 8. Install one (1) Combination Horizontal Alignment/Intersection (W1-10dL mod.) (36"x36") sign with one (1) (35 MPH) Advisory Speed (W13-1P) (18"x18") plaque mounted below facing eastbound traffic on the south side of Southside Road approximately 390 feet east of the intersection of Southside Road and Coleman Lane.
 9. Remove and replace one (1) existing STOP sign on the east side of Coleman Lane at the intersection of Southside Road and Coleman Lane with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post, and install a thermoplastic 11' long and 24" wide stop line on Coleman Lane. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)
- **All warning signs shall be fluorescent yellow material.****

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ROAD SAFETY AUDIT REPORT

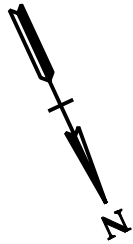
ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY

ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY

ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY

L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21

DICKSON, CHEATHAM AND MONTGOMERY COUNTIES



TYPE	YEAR	COUNTY	FIGURE NO.
HRRR	2013	MONTGOMERY	23



0' 200' 400' 600'

ROAD SAFETY AUDIT REPORT

ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION**

ROUTE 00839
L.M. 4.37-
L.M. 4.97
(FIGURE NO. 23)

7/19/2013 \\filer-server\\file-server\\PROJECTS\\2013\\13-0502 (TDOT RS&R Rt. 00839 (Southside Rd.) fr. SR-48 to SR-49, Montgomery County)\\Figures\\023.sht

GUIDANCE

1. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Southside Road from log mile 4.37 to log mile 4.97. The centerline shall be striped in accordance with the existing striping.
2. Install snowplowable, bi-directional yellow pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Southside Road from log mile 4.37 to log mile 4.97.
3. Remove and replace one (1) existing (45 MPH) Speed Limit sign with one (1) (45 MPH) Speed Limit (R2-1) (24"x30") sign facing eastbound traffic on the south side of Southside Road approximately 400 feet east of the intersection of Southside Road and Old Highway 48.
4. Install one (1) Cross Road (W2-1) (36"x36") sign facing westbound traffic on the north side of Southside Road approximately 200 feet east of the intersection of Southside Road and Old Highway 48.
5. Remove and replace one (1) existing Cross Road sign with one (1) Stop Ahead (W3-1) (36"x36") sign with 2" yellow retroreflective sheeting mounted on the post, facing northbound traffic on the east side of Old Highway 48 approximately 275 feet south of the intersection of Southside Road and Old Highway 48. (See Figure 28 - Inset 2)
6. Remove and replace one (1) existing STOP sign on the northbound approach of Old Highway 48 at the intersection of Southside Road and Old Highway 48 with one (1) STOP (R1-1) (36"x36") sign with one (1) CROSS TRAFFIC DOES NOT STOP (W4-4P) (24"x12") plaque mounted below with 2" red retroreflective sheeting mounted on the post, and install a thermoplastic 20' long and 24" wide stop line on Old Highway 48. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)
7. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Old Highway 48 approximately 275 feet south of the intersection of Southside Road and Old Highway 48. . The centerline shall be striped in accordance with the existing striping.
8. Remove and replace one (1) existing STOP sign on the southbound approach of Old Highway 48 at the intersection of Southside Road and Old Highway 48 with one (1) STOP (R1-1) (36"x36") sign with one (1) CROSS TRAFFIC DOES NOT STOP (W4-4P) (24"x12") plaque mounted below with 2" red retroreflective sheeting mounted on the post, and install a thermoplastic 20' long and 24" wide stop line on Old Highway 48. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)
9. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Old Highway 48 approximately 275 feet north of the intersection of Southside Road and Old Highway 48. . The centerline shall be striped in accordance with the existing striping.
10. Remove, replace and replace one (1) existing Stop Ahead sign located approximately 550 feet north of the intersection of Southside Road and Old Highway 48 with one (1) Stop Ahead (W3-1) (36"x36") sign with 2" yellow retroreflective sheeting mounted on the post, facing southbound traffic on the west side of Old Highway 48 approximately 275 feet north of the intersection of Southside Road and Old Highway 48. (See Figure 28 - Inset 2)
11. Remove and replace one (1) existing (45 MPH) Speed Limit sign with one (1) (45 MPH) Speed Limit (R2-1) (24"x30") sign facing westbound traffic on the north side of Southside Road approximately 150 feet west of the intersection of Southside Road and Old Highway 48.
12. Remove and replace one (1) existing Cross Road sign with one (1) Cross Road (W2-1) (36"x36") sign facing eastbound traffic on the south side of Southside Road approximately 600 feet west of the intersection of Southside Road and Old Highway 48.
All warning signs shall be fluorescent yellow material.

ROAD SAFETY AUDIT REPORT
ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES

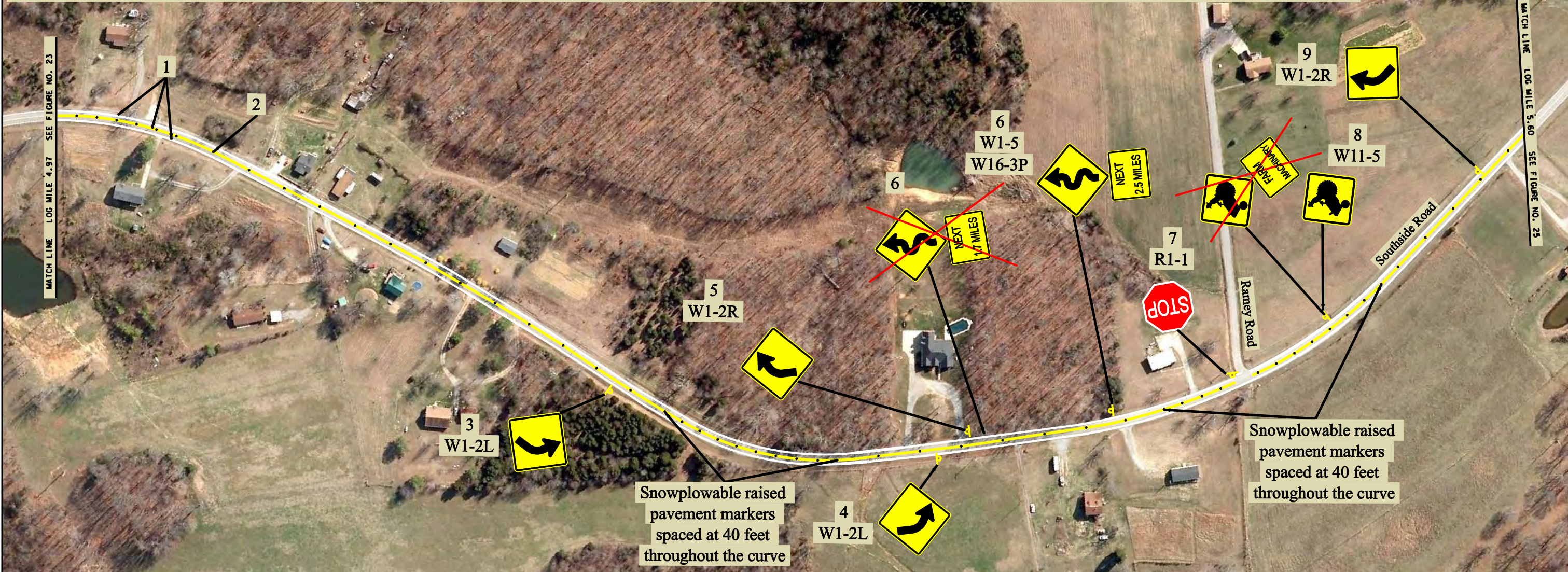
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

ROUTE 00839
L.M. 4.37-
L.M. 4.97
(FIGURE NO. 23A)

GUIDANCE

1. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Southside Road from log mile 4.97 to log mile 5.60. The centerline shall be striped in accordance with the existing striping.
2. Install snowplowable, bi-directional yellow pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Southside Road from log mile 4.97 to log mile 5.60.
3. Install one (1) Curve (W1-2L) (36"x36") sign facing westbound traffic on the north side of Southside Road approximately 1,320 feet east of the intersection of Southside Road and Ramey Road.
4. Remove and replace one (1) existing Curve sign with one (1) Curve (W1-2) (36"x36") sign facing westbound traffic on the north side of Southside Road approximately 650 feet east of the intersection of Southside Road and Ramey Road.
5. Install one (1) Curve (W1-2R) (36"x36") sign facing eastbound traffic on the south side of Southside Road approximately 560 feet east of the intersection of Southside Road and Ramey Road.
6. Remove, replace and relocate one (1) existing Winding Road sign and one (1) "NEXT 1.7 MILES" plaque mounted below on the south side of Southside Road approximately 530 feet east of the intersection of Southside Road and Ramey Road with one (1) Winding Road (W1-5) (36"x36") sign with one (1) "NEXT 2.5 MILES" (W16-3P) (30"x24") plaque mounted below facing eastbound traffic on the south side of Southside Road approximately 270 feet east of the intersection of Southside Road and Ramey Road.
7. Remove and replace one (1) existing STOP sign on the east side of Ramey Road at the intersection of Southside Road and Ramey Road with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post, and install a thermoplastic 12' long and 24" wide stop line on Ramey Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)
8. Remove and replace one (1) existing Farm Vehicle sign with one (1) FARM MACHINERY plaque mounted below with one (1) Farm Vehicle (W11-5) (36"x36") sign facing eastbound traffic on the south side of Southside Road approximately 190 feet west of the intersection of Southside Road and Ramey Road.
9. Remove and replace one (1) existing Curve sign with one (1) Curve (W1-2R) (36"x36") sign facing eastbound traffic on the south side of Southside Road approximately 650 feet west of the intersection of Southside Road and Ramey Road.

All warning signs shall be fluorescent yellow material.



ROAD SAFETY AUDIT REPORT

ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

ROUTE 00839
L.M. 4.97-
L.M. 5.60
(FIGURE NO. 24)

7/18/2013
\\fileserv\server\PROJECTS\2013\0502 (TDOT RSAR Rt. 00839 (Southside Rd.) fr. SR-49, Montgomery County)\Figures\025.sht



GUIDANCE

1. Remove and replace one (1) existing Winding Road sign with one (1) Winding Road (W1-5) (36"x36") sign with one (1) "NEXT 1.4 MILES" (W16-3P) (30"x24") plaque mounted below facing westbound traffic on the north side of Southside Road approximately 1,840 feet east of the intersection of Southside Road and Akin Road.
2. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Southside Road from log mile 5.60 to log mile 6.17. The centerline shall be striped in accordance with the existing striping.
3. Install snowplowable, bi-directional yellow pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Southside Road from log mile 5.60 to log mile 6.17.
4. Install one (1) Curve (W1-2R) (36"x36") sign facing westbound traffic on the north side of Southside Road approximately 980 feet east of the intersection of Southside Road and Akin Road.
5. Install one (1) Curve (W1-2L) (36"x36") sign facing eastbound traffic on the south side of Southside Road approximately 1,710 feet east of the intersection of Southside Road and Akin Road.
6. Remove and replace one (1) existing STOP sign on the east of Akin Road at the intersection of Southside Road and Akin Road with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post, and install a thermoplastic 18' long and 24" wide stop line on Akin Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)

All warning signs shall be fluorescent yellow material.



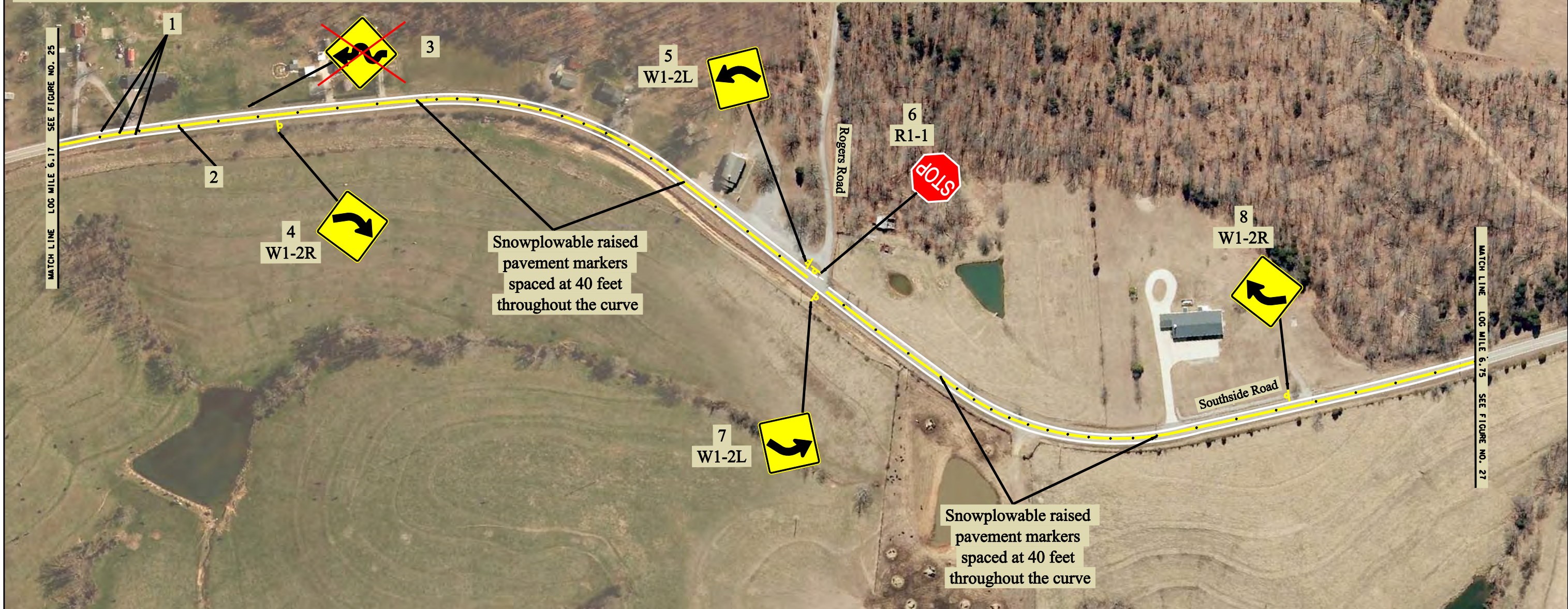
ROAD SAFETY AUDIT REPORT
ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES



GUIDANCE

1. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Southside Road from log mile 6.17 to log mile 6.75. The centerline shall be striped in accordance with the existing striping.
2. Install snowplowable, bi-directional yellow pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Southside Road from log mile 6.17 to log mile 6.75.
3. Remove one (1) existing Winding Road sign on the south side of Southside Road approximately 1,260 feet east of the intersection of Southside Road and Rogers Road.
4. Remove and replace one (1) existing Curve sign with one (1) Curve (W1-2R) (36"x36") sign facing westbound traffic on the north side of Southside Road approximately 1,200 feet east of the intersection of Southside Road and Rogers Road.
5. Remove and replace one (1) existing Curve sign with one (1) Curve (W1-2L) (36"x36") sign facing eastbound traffic on the south side of Southside Road approximately 40 feet east of the intersection of Southside Road and Rogers Road.
6. Remove and replace one (1) existing STOP sign on the east side of Rogers Road at the intersection of Southside Road and Rogers Road with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post, and install a thermoplastic 10' long and 24" wide stop line on Rogers Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)
7. Remove and replace one (1) existing Curve sign with one (1) Curve (W1-2L) (36"x36") sign facing westbound traffic on the north side of Southside Road directly across from the intersection of Southside Road and Rogers Road.
8. Remove and replace one (1) existing Curve sign with one (1) Curve (W1-2R) (36"x36") sign facing eastbound traffic on the south side of Southside Road approximately 1,050 feet west of the intersection of Southside Road and Rogers Road.

****All warning signs shall be fluorescent yellow material.****



ROAD SAFETY AUDIT REPORT

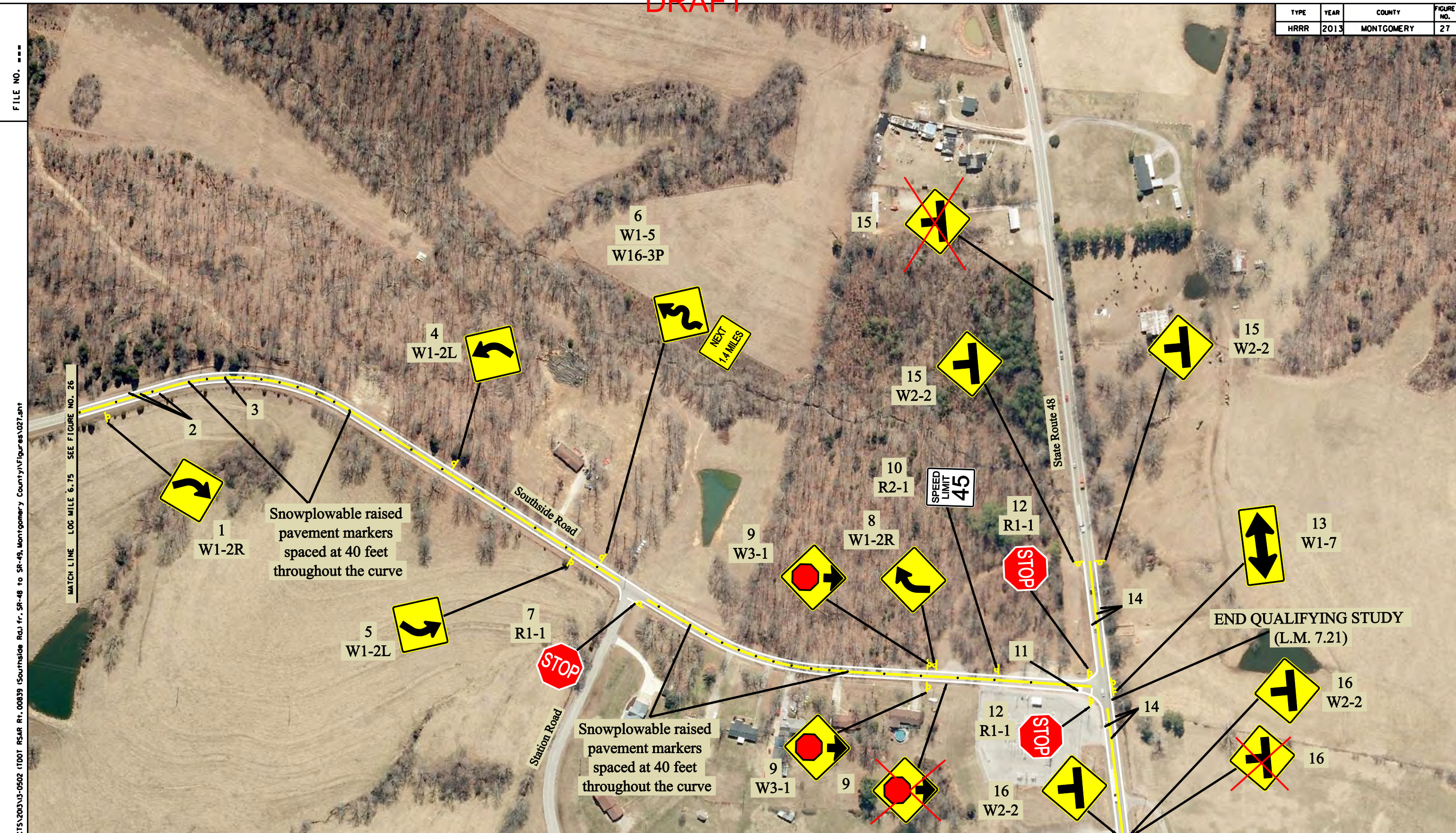
ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
 ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
 ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
 L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
 DICKSON, CHEATHAM AND MONTGOMERY COUNTIES



STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION
 PROJECT PLANNING DIVISION

ROUTE 00839
 L.M. 6.17-
 L.M. 6.75
 (FIGURE NO. 26)

TYPE	YEAR	COUNTY	FIGURE NO.
HRRR	2013	MONTGOMERY	27



ROAD SAFETY AUDIT REPORT

ROUTE 00839 FROM SR 49 TO CHEATHAM COUNTY LINE, DICKSON COUNTY
ROUTE 00839 FROM DICKSON COUNTY LINE TO MONTGOMERY COUNTY LINE, CHEATHAM COUNTY
ROUTE 00839 FROM CHEATHAM COUNTY LINE TO STATE ROUTE 48, MONTGOMERY COUNTY
L.M. 0.00 - L.M. 5.94, L.M. 0.00 - L.M. 2.72 AND L.M. 0.00 - 7.21
DICKSON, CHEATHAM AND MONTGOMERY COUNTIES



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION**

ROUTE 00839
L.M. 6.75-
L.M. 7.21
(FIGURE NO. 27)

TENNESSEE D.O.T. PROJECT PLANNING DIVISION FILE NO. ----		DRAFT		<table><tr><td>TYPE</td><td>YEAR</td><td>COUNTY</td><td>FIGURE NO.</td></tr><tr><td>HRRR</td><td>2013</td><td>MONTGOMERY</td><td>27A</td></tr></table>		TYPE	YEAR	COUNTY	FIGURE NO.	HRRR	2013	MONTGOMERY	27A
TYPE	YEAR	COUNTY	FIGURE NO.										
HRRR	2013	MONTGOMERY	27A										
7/18/2013 \\files\server\file_server\PROJECTS\2013\13-0502 (TDOT RSAR Rt. 00839 (Southside Rd.) fr. SR-48 to SR-49, Montgomery County)\Figures\027.sht		<div>GUIDANCE</div> <div><p>1. Remove and replace one (1) existing Curve sign with one (1) Curve (W1-2R) (36"x36") sign facing westbound traffic on the north side of Southside Road approximately 1,300 feet east of the intersection of Southside Road and Station Road.</p><p>2. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along Southside Road from log mile 6.75 to log mile 7.21. The centerline shall be striped in accordance with the existing striping.</p><p>3. Install snowplowable, bi-directional yellow pavement markers spaced at 80 feet (excluding the curves where spacing shall be 40 feet) along the centerline of Southside Road from log mile 6.75 to log mile 7.21.</p><p>4. Remove and replace one (1) existing Curve sign facing eastbound traffic on the south side of Southside Road approximately 470 feet east of the intersection of Southside Road and Station Road.</p><p>5. Remove and replace one (1) existing Curve sign with one (1) Curve (W1-2L) (36"x36") sign facing westbound traffic on the north side of Southside Road approximately 150 feet east of the intersection of Southside Road and Station Road.</p><p>6. Install one (1) Winding Road (W1-5) (36"x36") sign with one (1) "NEXT 1.4 MILES" (W16-3P) (30"x24") plaque mounted below facing eastbound traffic on the south side of Southside Road approximately 90 feet east of the intersection of Southside Road and Station Road.</p><p>7. Remove and replace one (1) existing STOP sign on the west side of Station Road at the intersection of Southside Road and Station Road with one (1) STOP (R1-1) (36"x36") sign with 2" red retroreflective sheeting mounted on the post, and install a thermoplastic 18' long and 24" wide stop line on Station Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)</p><p>8. Remove and replace one (1) existing Curve sign with one (1) Curve (W1-2R) (36"x36") sign facing eastbound traffic on the south side of Southside Road approximately 370 feet east of the intersection of Southside Road and State Route 48.</p><p>9. Remove, replace and relocate one (1) existing Stop Ahead sign located approximately 350 feet east of the intersection of Southside Road and State Route 48 with two (2) Stop Ahead (W3-1) (36"x36") signs with 2" yellow retroreflective sheeting mounted on the posts, facing westbound traffic on either side of Southside Road approximately 380 feet east of the intersection of Southside Road and State Highway 48. (See Figure 28 - Inset 2)</p><p>10. Remove and replace one (1) existing (45 MPH) Speed Limit sign with one (1) (45 MPH) Speed Limit (R2-1) (24"x30") sign facing eastbound traffic on the south side of Southside Road approximately 230 feet east of the intersection of Southside Road and State Route 48.</p><p>11. Install one (1) enhanced thermoplastic "STOP" word pavement marking on Southside Road approximately 50 feet east of the intersection of Southside Road and State Route 48.</p><p>12. Remove and replace one (1) existing STOP sign on the north side of Southside Road at the intersection of Southside Road and State Route 48 with two (2) STOP (R1-1) (36"x36") signs with 2" red retroreflective sheeting mounted on the posts, and install a thermoplastic 15' long and 24" wide stop line on Southside Road. (See Figure 28 - Inset 1) (Existing Street Name sign to be reused and mounted above the proposed STOP sign.)</p><p>13. Remove and replace one (1) existing Two-Direction Large Arrow sign at the intersection of Southside Road and State Route 48 with one (1) Two-Direction Large Arrow (W1-7) (48"x24") sign with 2" yellow retroreflective sheeting mounted on the posts facing westbound traffic directly across from and perpendicular to Southside Road. (See Figure 28 - Inset 6)</p><p>14. Install enhanced flatline thermoplastic 4" single solid white edgelines and an enhanced flatline thermoplastic 4" double solid yellow centerline along State Route 48 approximately 275 feet south and 400 feet north of the intersection of Southside Road and State Route 48. The centerline shall be striped in accordance with the existing striping.</p><p>15. Remove, replace and relocate one (1) existing Side Road sign located approximately 850 feet south of the intersection of Southside Road and State Route 48 with two (2) Side Road (W2-2) (36"x36") signs facing northbound traffic on either side of State Route 48 approximately 275 feet south of the intersection of Southside Road and State Route 48.</p><p>16. Remove, replace and relocate one (1) existing Side Road sign located approximately 600 feet north of the intersection of Southside Road and State Route 48 with two (2) Side Road (W2-2) (36"x36") signs facing southbound traffic on either side of State Route 48 approximately 400 feet north of the intersection of Southside Road and State Route 48.</p><p>**All warning signs shall be fluorescent yellow material.**</p></div>		<table><tr><td colspan="2">STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION PROJECT PLANNING DIVISION</td></tr><tr><td colspan="2">ROUTE 00839 L.M. 6.75- L.M. 7.21 (FIGURE NO. 27A)</td></tr></table>		STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION PROJECT PLANNING DIVISION		ROUTE 00839 L.M. 6.75- L.M. 7.21 (FIGURE NO. 27A)					
STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION PROJECT PLANNING DIVISION													
ROUTE 00839 L.M. 6.75- L.M. 7.21 (FIGURE NO. 27A)													

