STATE OF TENNESSEE

FED. AID PROJ. NO. HSIP-29(95)
STATE PROJ. NO. 76001-3279-94
PIN 101414.01
SCOTT COUNTY

GENERAL NOTES

REGARDING

SAFETY IMPROVEMENTS

Description

The scope of this contract is to add miscellaneous safety improvements along State Route 29 from south of Wolf Creek Road (L.M. 2.59) to Old Highway 27 (L.M. 6.47) as described herein and shown on the conceptual plans on sheets 15-24 of this document. The work shall include, but is not limited to:

FIGURE 1 (L.M. 2.59 TO L.M. 3.04)

1. Remove one (1) existing Curve sign and install one (1) Turn (W1-1L) (36"x36") sign and one (1) Advisory Speed (30 MPH) (W13-1P) (18″x18″) plaque on State Route 29 northbound.
2. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4″ single solid white edgelines and 4" double solid yellow centerline on State Route 29 from L.M. 2.59 to L.M. 3.04.
3. Install one (1) Reduced Speed Limit Ahead (40 MPH) (W3-5) (36"x36") sign on State Route 29 northbound located approximately 410 feet south of the Wolf Creek Road intersection.
4. Remove three (3) Chevron Alignment signs and install four (4) sets of double-sided Chevron Alignment (W1-8) (24″x30″) signs [eight (8) total - four (4) W1-8L and four (4) W1-8R] on an adjustable mounting bracket at eighty (80) foot spacing for 240 feet on the east side of State Route 29 along the outside of the horizontal curve beginning approximately 200 feet south of the Wolf Creek Road intersection. Install 2″ minimum width yellow retroreflective strips on both sides of sign posts.
5. Install one (1) Speed Limit (40 MPH) (R2-1) (30"x36") sign on State Route 29 northbound located approximately sixty (60) feet north of the Wolf Creek Road intersection.
6. Install 37′6″ of Metal Beam Guard Fence and two (2) Type 38 end terminals along the west side of State Route 29 on bridge and approaches approximately 300 feet north of the Wolf Creek Road intersection. Install white continuous delineation enhancement on 137′6″ of proposed metal beam guard fence and guardrail.

7. Install 37’6″ of Metal Beam Guard Fence, 12’6″ of Type 2 guardrail, twenty-five (25) feet (total) of Type 2 radius rail, and two (2) Type In-Line anchors along the east side of State Route 29 on bridge and approaches approximately 300 feet north of the Wolf Creek Road intersection. Install white continuous delineation enhancement on seventy-five (75) feet of proposed metal beam guard fence and guardrail.
8. Remove and replace one (1) existing Winding Road (W1-5R) (36″x36″) sign and install one (1) Advisory Speed (30 MPH) (W13-1P) (18″x18″) plaque on State Route 29 northbound.
9. Install one (1) Bike Route (D11-1) (24"x18") sign on State Route 29 northbound located approximately 520 feet north of the Wolf Creek Road intersection.
10. Remove one (1) existing Curve sign and install one (1) Turn (W1-1R) (36"x36") sign and one (1) Advisory Speed (30 MPH) (W13-1P) (18″x18″) plaque on State Route 29 southbound.
11. Install bi-directional snowplowable pavement markers (yellow) along the centerline of State Route 29 from L.M. 2.59 to L.M. 3.02. The spacing between the bi-directional snowplowable pavement markers shall be eighty (80) feet unless otherwise noted on Figure 1.
12. Install yellow prismatic obstacle delineation around one (1) roadside utility pole along the west side of State Route 29 located approximately 900 feet north of the Wolf Creek Road intersection.
13. Install 565 feet of Type 2 guardrail and one (1) Type 38 end terminal along the west side of State Route 29 beginning approximately 1,050 feet north of the Wolf Creek Road intersection. Install white continuous delineation enhancement on 615 feet of proposed guardrail.
14. Install four (4) sets of double-sided Chevron Alignment (W1-8) (24″x30″) signs [eight (8) total - four (4) W1-8L and four (4) W1-8R] on an adjustable mounting bracket at eighty (80) foot spacing for 240 feet on the west side of State Route 29 along the outside of the horizontal curve beginning approximately 1,385 feet north of the Wolf Creek Road intersection. Install 2″ minimum width yellow retroreflective strips on both sides of sign posts.

FIGURE 2 (L.M. 3.04 TO L.M. 3.59)

1. Install 210 feet of Type 2 guardrail and one (1) Type 38 end terminal along the west side of State Route 29 beginning approximately 1,615 feet north of the Wolf Creek Road intersection. Install white continuous delineation enhancement on 260 feet of proposed guardrail.
2. Install four (4) sets of double-sided Chevron Alignment (W1-8) (24″x30″) signs [eight (8) total - four (4) W1-8L and four (4) W1-8R] on an adjustable mounting bracket at eighty (80) foot spacing for 260 feet on the east side of State Route 29 along the outside of the horizontal curve beginning approximately 1,100 feet south of the Railroad Street intersection. Install 2″ minimum width yellow retroreflective strips on both sides of sign posts.
3. Install white continuous delineation enhancement on 400 feet of existing guardrail along the east and west sides of State Route 29 located approximately 830 feet south of the Railroad Street intersection.
4. Remove one (1) existing REDUCED SPEED AHEAD sign and one (1) PLEASE HELP KEEP GLENMARY CLEAN plaque on State Route 29 northbound located approximately 770 feet south of the Railroad Street intersection.
5. Remove and replace one (1) existing Winding Road (W1-5L) (36″x36″) sign and install one (1) Advisory Speed (30 MPH) (W13-1P) (18″x18″) plaque on State Route 29 southbound.

6. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4″ single solid white edgelines and 4" double solid yellow centerline on State Route 29 from L.M. 3.04 to L.M. 3.59.
7. Install yellow prismatic obstacle delineation around six (6) roadside utility poles along the west side of State Route 29 between L.M. 3.04 and L.M. 3.59. Approximate utility pole locations are indicated on Figure 2.
8. Remove one (1) existing STOP FOR SCHOOL BUS LOADING OR UNLOADING sign and install one (1) School Bus Stop Ahead (S3-1) (36″x36″) sign on State Route 29 southbound.
9. Remove one (1) existing Curve sign and install one (1) Turn (W1-1R) (36"x36") sign and one (1) Advisory Speed (30 MPH) (W13-1P) (18″x18″) plaque on State Route 29 northbound.
10. Install bi-directional snowplowable pavement markers (yellow) along the centerline of State Route 29 from L.M. 3.02 to L.M. 3.59. The spacing between the bi-directional snowplowable pavement markers shall be eighty (80) feet unless otherwise noted on Figure 2.
11. Install four (4) sets of double-sided Chevron Alignment (W1-8) (24″x30″) signs [eight (8) total - four (4) W1-8L and four (4) W1-8R] on an adjustable mounting bracket at eighty (80) foot spacing for 240 feet on the west side of State Route 29 along the outside of the horizontal curve beginning approximately forty (40) feet west of the High Street intersection. Install 2″ minimum width yellow retroreflective strips on both sides of sign posts.
12. Install one (1) Stop (R1-1) (36"x36") sign on High Street at the intersection with State Route 29. Install a 2″ minimum width red retroreflective strip on sign post. Install twenty (20) feet of 24" thermoplastic stop line.
13. Install white continuous delineation enhancement on 150 feet of existing guardrail along the east and west sides of State Route 29 at the High Street intersection.
14. Install one (1) Bike Route (D11-1) (24"x18") sign on State Route 29 southbound located approximately 260 feet north of the High Street intersection.

FIGURE 3 (L.M. 3.59 TO L.M. 4.21)

1. Install approximately 140 feet of spray thermoplastic (60 mil) 4″ double dotted yellow centerline on State Route 29 through the intersection of State Route 52.
2. Remove one (1) existing Curve sign and install one (1) Turn (W1-1L) (36"x36") sign and one (1) Advisory Speed (30 MPH) (W13-1P) (18″x18″) plaque on State Route 29 southbound.
3. Install white continuous delineation enhancement on 575 feet of existing guardrail along the east side of State Route 29 beginning approximately 285 feet east of the State Route 52 intersection.
4. Remove and replace one (1) existing Winding Road (W1-5L) (36″x36″) sign and install one (1) Advisory Speed (30 MPH) (W13-1P) (18″x18″) plaque on State Route 29 northbound.
5. Install one (1) Bike Route (D11-1) (24"x18") sign on State Route 29 northbound located approximately 610 feet north of the State Route 52 intersection.
6. Install five (5) sets of double-sided Chevron Alignment (W1-8) (24″x30″) signs [ten (10) total - five (5) W1-8L and five (5) W1-8R] on an adjustable mounting bracket at eighty (80) foot spacing for 320 feet on the east side of state Route 29 along the outside of the horizontal curve beginning approximately 430 feet south of the High Street intersection. Install 2″ minimum width yellow retroreflective strips on both sides of sign posts.

7. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4″ single solid white edgelines and 4" double solid yellow centerline on State Route 29 from L.M. 3.59 to L.M. 4.21.
8. Install approximately fifty-five (55) feet of spray thermoplastic (60 mil) 4″ double dotted yellow centerline on State Route 29 through the intersection of High Street.
9. Install one (1) Stop (R1-1) (36"x36") sign on High Street at the intersection with State Route 29. Install a 2″ minimum width red retroreflective strip on sign post. Install fifteen (15) feet of 24" thermoplastic stop line.
10. Install white continuous delineation enhancement on 475 feet of existing guardrail along the east side State Route 29 beginning approximately 230 feet north of the High Street intersection.
11. Install yellow prismatic obstacle delineation around eight (8) roadside utility poles along State Route 29 between L.M. 3.59 and L.M. 4.21. Approximate utility pole locations are indicated on Figure 3.
12. Install bi-directional snowplowable pavement markers (yellow) along the centerline of State Route 29 from L.M. 3.59 to L.M. 4.21. The spacing between the bi-directional snowplowable pavement markers shall be eighty (80) feet unless otherwise noted on Figure 3.

FIGURE 4 (L.M. 4.21 TO L.M. 4.74)

1. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4″ single solid white edgelines and 4" double solid yellow centerline on State Route 29 from L.M. 4.21 to L.M. 4.74.
2. Remove one (1) existing Narrow Bridge (Symbol) sign and install one (1) Narrow Bridge (W5-2) (36″x36″) sign on State Route 29 northbound.
3. Remove and replace one (1) existing Winding Road (W1-5R) (36″x36″) sign and install one (1) Advisory Speed (30 MPH) (W13-1P) (18″x18″) plaque on State Route 29 northbound.
4. Install nine (9) bi-directional flexible white delineators at twenty (20) foot spacing, two (2) feet off edge of pavement, along the east and west sides of State Route 29 on approaches to culvert just south of Concord Road.
5. Install white continuous delineation enhancement on forty (40) feet of existing concrete bridge rail along the east and west sides of State Route 29 on culvert just south of Concord Road.
6. Remove and replace one (1) existing Winding Road (W1-5L) (36″x36″) sign and install one (1) Advisory Speed (30 MPH) (W13-1P) (18″x18″) plaque on State Route 29 southbound.
7. Install yellow prismatic obstacle delineation around ten (10) roadside utility poles along State Route 29 between L.M. 4.21 and L.M. 4.74. Approximate utility pole locations are indicated on Figure 4.
8. Install bi-directional snowplowable pavement markers (yellow) along the centerline of State Route 29 from L.M. 4.21 to L.M. 4.74. The spacing between the bi-directional snowplowable pavement markers shall be eighty (80) feet unless otherwise noted on Figure 4.
9. Remove one (1) existing Narrow Bridge (Symbol) sign and install one (1) Narrow Bridge (W5-2) (36″x36″) sign on State Route 29 southbound.
10. Install 200 feet of Type 2 guardrail and one (1) Type 38 end terminal along the west side of State Route 29 beginning approximately 1,000 feet north of the Concord Road intersection. Install white continuous delineation enhancement on 250 feet of proposed guardrail.
11. Install 200 feet of Type 2 guardrail and one (1) Type 38 end terminal along the east side of State Route 29 beginning approximately 1,000 feet north of the Concord Road intersection. Install white continuous delineation enhancement on 250 feet of proposed guardrail.

12. Install three (3) sets of double-sided Chevron Alignment (W1-8) (24″x30″) signs [six (6) total - three (3) W1-8L and three (3) W1-8R] on an adjustable mounting bracket at eighty (80) foot spacing for 160 feet on the east side of State Route 29 along the outside of the horizontal curve beginning approximately 1,100 feet north of the Concord Road intersection. Install 2″ minimum width yellow retroreflective strips on both sides of sign posts.

FIGURE 5 (L.M. 4.74 TO L.M. 5.34)

1. Install 12′6″ of Type 2 guardrail and one (1) Type 38 end terminal along the east side of State Route 29 beginning approximately 1,200 feet north of the Concord Road intersection. Install white continuous delineation enhancement on 62′6″ of proposed guardrail.
2. Install 12′6″ of Type 2 guardrail and one (1) Type 38 end terminal along the west side of State Route 29 beginning approximately 1,200 feet north of the Concord Road intersection. Install white continuous delineation enhancement on 62′6″ of proposed guardrail.
3. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4″ single solid white edgelines and 4" double solid yellow centerline on State Route 29 from L.M. 4.74 to L.M. 5.34.
4. Remove one (1) existing SCHOOL BUS STOP AHEAD sign and install one (1) School Bus Stop Ahead (S3-1) (36"x36") sign on State Route 29 northbound.
5. Install three (3) sets of double-sided Chevron Alignment (W1-8) (24″x30″) signs [six (6) total - three (3) W1-8L and three (3) W1-8R] on an adjustable mounting bracket at eighty (80) foot spacing for 160 feet on the west side of State Route 29 along the outside of the horizontal curve beginning approximately 1,100 feet south of the Railroad Street intersection. Install 2″ minimum width yellow retroreflective strips on both sides of sign posts.
6. Remove one (1) existing Reverse Curve sign and (1) Advisory Speed plaque and install one (1) Reverse Turn (W1-3R) (36"x36") sign and one (1) Advisory Speed (30 MPH) (W13-1P) (18″x18″) plaque on State Route 29 northbound.
7. Install yellow prismatic obstacle delineation around fourteen (14) roadside utility poles along State Route 29 between L.M. 4.74 and L.M. 5.34. Approximate utility pole locations are indicated on Figure 5.
8. Remove one (1) Winding Road sign on State Route 29 southbound located approximately 1,390 feet south of the Brickyard Road intersection and install one (1) Winding Road (W1-5L) (36″x36″) sign and one (1) Advisory Speed (30 MPH) (W13-1P) (18″x18″) plaque on State Route 29 southbound located approximately 1,525 feet south of the Brickyard Road intersection.
9. Remove one (1) existing SCHOOL BUS STOP AHEAD sign and install one (1) School Bus Stop Ahead (S3-1) (36"x36") sign on State Route 29 southbound.
10. Remove one (1) existing Reverse Curve sign on State Route 29 northbound located approximately 675 feet south of the Brickyard Road intersection.
11. Install one (1) Reverse Turn (W1-3R) (36"x36") sign and one (1) Advisory Speed (30 MPH) (W13-1P) (18″x18″) plaque on State Route 29 southbound located approximately seventy (70) feet north of the Brickyard Road intersection.
12. Install bi-directional snowplowable pavement markers (yellow) along the centerline of State Route 29 from L.M. 4.74 to L.M. 5.34. The spacing between the bi-directional snowplowable pavement markers shall be eighty (80) feet unless otherwise noted on Figure 5.

13. Install 225 feet of Type 2 guardrail and two (2) Type 38 end terminals along the east side of State Route 29 beginning approximately 290 feet north of the Brickyard Road intersection. Install white continuous delineation enhancement on 325 feet of proposed guardrail.
14. Install 200 feet of Type 2 guardrail, twenty-five (25) feet of radius rail, one (1) Type 38 end terminal, and one (1) Type In-Line anchor along the west side of State Route 29, beginning approximately 330 feet north of the Brickyard Road intersection. Install white continuous delineation enhancement on 275 feet of proposed guardrail.
15. Remove one (1) existing SCHOOL BUS STOP AHEAD sign and install one (1) School Bus Stop Ahead (S3-1) (36″x36″) sign on State Route 29 northbound.

FIGURE 6 (L.M. 5.34 TO L.M. 5.80)

1. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4″ single solid white edgelines and 4" double solid yellow centerline on State Route 29 from L.M. 5.34 to L.M. 5.80.
2. Install yellow prismatic obstacle delineation around fourteen (14) roadside utility poles along State Route 29 between L.M. 5.34 and L.M. 5.80. Approximate utility pole locations are indicated on Figure 6.
3. Remove one (1) existing School Flashing Assembly and install one (1) School Speed Limit (TN-8-S) (25 MPH) (36″x60″) sign on existing support on State Route 29 northbound.
4. Install bi-directional snowplowable pavement markers (yellow) along the centerline of State Route 29 from L.M. 5.34 to L.M. 5.80. The spacing between the bi-directional snowplowable pavement markers shall be eighty (80) feet unless otherwise noted on Figure 6.
5. Remove one (1) existing Cross Road sign and one (1) Advisory Speed plaque and install one (1) Grade Crossing Advance Warning (Intersection) sign (W10-2L) (36"x36") sign and one (1) Advisory Speed (25 MPH) (W13-1P) (18″x18″) plaque on State Route 29 northbound.
6. Remove one (1) existing SCHOOL BUS STOP AHEAD sign and install one (1) School Bus Stop Ahead (S3-1) (36"x36") sign on State Route 29 southbound.
7. Remove one (1) existing School Flashing Assembly and install one (1) School Speed Limit (TN-8-S) (25 MPH) (36″x60″) sign on existing support on State Route 29 southbound.

FIGURE 6A (L.M. 5.68 TO L.M. 5.76)

1. Install one (1) Grade Crossing Advance Warning (W10-3R) (36"x36″) sign on Bowles Road northbound located approximately 150 feet south of the intersection with Black Creek Road.
2. Install one (1) RXR thermoplastic word pavement marking on Bowles Road northbound located approximately 115 feet south of the intersection with Black Creek Road.
3. Install one (1) Grade Crossing Advance Warning (W10-1) (36" DIA) sign on Black Creek Road northbound located approximately 200 feet south of the railroad crossing.
4. Install one (1) RXR thermoplastic word pavement marking on Black Creek Road northbound located approximately 175 feet south of the railroad crossing.
5. Install 2" minimum width white retroreflective strips on the back of the existing Crossbuck sign on the Black Creek Road eastbound grade crossing approach.
6. Restripe two (2) existing stop lines with twenty-four (24) feet of 24" thermoplastic stop line on Black Creek Road. Install a spray thermoplastic (60 mil) 4" double solid yellow centerline on each grade crossing approach.

7. Install 2" minimum width white retroreflective strips on the back of the existing Crossbuck sign on the Black Creek Road westbound grade crossing approach.
8. Remove one (1) Grade Crossing Advance Warning sign and one (1) Grade Crossing Advance Warning (Intersection) sign and install one (1) Grade Crossing advance Warning (W10-1) (36" DIA) sign on Sims Road southbound located approximately 250 feet north of the intersection with School House Road.
9. Restripe one (1) RXR thermoplastic word pavement marking on Sims Road southbound.

FIGURE 7 (L.M. 5.80 TO L.M. 6.32)

1. Remove one (1) existing SCHOOL BUS STOP AHEAD sign and install one (1) School Bus Stop Ahead (S3-1) (36″x36″) sign on State Route 29 northbound.
2. Remove one (1) existing Cross Road sign and one (1) Advisory Speed plaque and install one (1) Grade Crossing Advance Warning (Intersection) sign (W10-2R) (36"x36") sign and one (1) Advisory Speed (25 MPH) (W13-1P) (18″x18″) plaque on State Route 29 northbound.
3. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4″ single solid white edgelines and 4" double solid yellow centerline on State Route 29 from L.M. 5.80 to L.M. 6.32.
4. Install yellow prismatic obstacle delineation around four (4) roadside utility poles along the west side of State Route 29 between L.M. 5.80 and L.M. 6.32. Approximate utility pole locations are indicated on Figure 7.
5. Remove one (1) existing REDUCED SPEED AHEAD sign and install one (1) Reduced Speed Limit Ahead (40 MPH) (W3-5) (36"x36") sign on State Route 29 southbound.
6. Install white continuous delineation enhancement on 1,000 feet of existing guardrail along both sides of State Route 29 beginning approximately 325 feet south of the Tunnel Hill Road intersection.
7. Install bi-directional snowplowable pavement markers (yellow) along the centerline of State Route 29 from L.M. 5.80 to L.M. 6.32. The spacing between the bi-directional snowplowable pavement markers shall be eighty (80) feet unless otherwise noted on Figure 7.

FIGURE 8 (L.M. 6.32 TO L.M. 6.47)

1. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4″ single solid white edgelines and 4" double solid yellow centerline on State Route 29 from L.M. 6.32 to L.M. 6.47.
2. Install bi-directional snowplowable pavement markers (yellow) along the centerline of State Route 29 from L.M. 6.32 to L.M. 6.47. The spacing between the bi-directional snowplowable pavement markers shall be eighty (80) feet unless otherwise noted on Figure 8.
3. Install one (1) Bike Route (D11-1) (24"x18") sign on State Route 29 southbound located approximately 310 feet south of the Old Highway 27 intersection.

Materials

Materials used shall conform to the requirements of the January 1, 2015 Standard Specifications for Road and Bridge Construction and any Special Provisions for the items pertaining to this Contract.

All materials that are removed to facilitate installation are to become the property of the Contractor, removed from the State Right-of-Way, and disposed of properly, unless otherwise specified in the plans.

Basis of Payment

The accepted quantities will be paid for at the contract unit price per item of work. The price shall be full compensation for all work as directed by the Engineer, including the furnishing of all labor, tools, equipment and incidentals to satisfactorily complete the work.

Utilities

Utility locations shall be determined in the field by contacting the utility companies involved. Notification by calling the Tennessee One Call System, Inc., at 1-800-351-1111 as required by TCA 65-31-106 will be required.

The Contractor will provide all necessary protective measures to safeguard existing utilities from damage during construction of this project. In the event that special equipment is required to work over and around the utilities, the Contractor will be required to furnish such equipment. The cost of protecting utilities from damage and furnishing any necessary special equipment will be included in the price bid for other items of construction.

Traffic Control

Item 712-01 (Traffic Control) shall be in accordance with Section 712 of the Standard Specifications. All items and labor necessary for the installation and/or replacement of any temporary traffic control measures including, but not limited to construction signing, flexible drums and flashing arrow boards, unless otherwise specified in the plans, shall be included in the price bid for item 712-01, Traffic Control.

The Contractor shall sign and mark the work zone in accordance with the current edition of the Manual on Uniform Traffic Control Devices.

When lane closures are allowed, the Engineer has the authority to instruct the Contractor to open the lane to traffic at any time he feels this may be required to avoid traffic or other problems. Lane closures shall begin on the approach side of horizontal and vertical curves.

Signs and channelizing devices for lane closures shall be erected immediately before work begins each day and shall be removed at the end of work each day to permit traffic to have unrestricted use of all traffic lanes when work is not in progress.

Pavement Markings

Pavement Markings shall be as described in the General Notes and in accordance with Section 716 of the Standard Specifications.

Removal of existing pavement markings (including but not limited to lane lines, edge lines, centerlines, stop lines, words) as required prior to installation of proposed markings will not be paid for directly, but shall be included in the price bid for that pavement marking item.

Signing

All permanent signing shall be in accordance with the current version of the Manual on Uniform Traffic Control Devices and in accordance with Sections 713 and 916 of the Standard Specifications.

The Contractor will be responsible for the location and staking of the proposed signs, along with any surveying and engineering that may be required to complete this project. Cost of staking sign locations and any necessary surveying and engineering will not be paid for directly, but shall be included in the price bid for other items of construction. Each sign location will be checked for accuracy by the Engineer, or his representative, before accepted for final payment. Any relocation required, due to the sign not being installed in the correct location, will be done at the Contractor's expense.

Quantity for item 713-11.01 is based on an approximate overall sign support length of thirteen (13) feet; quantity for item 713-11.02 is based on an approximate overall sign support length of fourteen (14) feet including stub for P8 supports and fifteen (15) feet including slip base for P5 supports. These lengths are for estimating purposes only. The Contractor shall verify all support lengths at the site prior to erection.

Quantity for item 713-02.21 is based on an approximate length of six (6) feet per post for estimating purposes only. The reflective strip shall begin at the bottom of the sign face and extend to the ground line. The color of the sign post delineator shall match the background color of the primary sign installed on the post.

Chevron Alignment signs (W1-8) shall be installed using an adjustable mounting bracket to ensure correct sign-face orientation. Costs for furnishing and installing bracket will not be paid for directly, but shall be included in the price bid for other items of construction.

In the event an existing Street Name Sign is removed due to the relocation or replacement of a sign and/or post, the existing Street Name Sign is to be retained for placement by the Contractor on the new sign and/or post unless otherwise stated in the description of work. At the time in which the new STOP signs are installed on the side streets, the Contractor shall install the existing Street Name signs(s) with bracket to hold the Street Name signs(s) on top of the new STOP sign. If the City or County elects to furnish new Street Name Signs to the Contractor, the Contractor shall install these new signs in lieu of existing signs. All work and materials shall be included in the price bid for other items of construction.

In the event an existing sign (in addition to the particular sign being replaced) is present on a support being replaced, the existing sign is to be retained for placement by the Contractor on the new support unless otherwise stated in the description of work. Contractor shall verify the appropriate support is used in these cases, as it may differ from the support type noted in the sign schedule. All work and materials shall be included in the price bid for other items of construction.

All signs designated for removal are to be removed by the Contractor and paid for under item 713-15.36. Contractor shall retain all signs removed.

The existing sign footings are to be removed 6 inches below the ground line.

Obstacle Delineation

Delineation applied to roadside utility poles shall be a minimum of six (6) inches in width, installed a minimum of four (4) feet above the roadway elevation. The material may be self-adhesive, or with a thin aluminum backing and riveted in place. The sheeting color shall be fluorescent yellow. All labor and materials required for installation shall be included in the bid price for item 713-02.20.

Guardrail

Guardrail shall be as described in the plans and in accordance with Section 705 of the Standard Specifications.

The proposed guardrail, including any anchor system, shall be installed quickly to minimize traffic exposure to any hazard. No payment will be made for a section of proposed guardrail, including anchors, until it is complete in place.

Ecology

The Contractor shall take appropriate steps before constructing earth pads for Type 38 guardrail end terminals to ensure that environmental features (streams, wetlands, or springs) are not impacted during construction. If the Contractor or TDOT Inspector is unsure of the classification (e.g., stream, spring or wetland) of any drainage feature, the Inspector shall contact the TDOT Environmental Division, Ecology or Permits Section for an accurate determination and potential permits.

If removal of vegetation greater than three (3) inches in diameter at breast height (DBH) is required during the construction of proposed Type 38 guardrail terminal earth pads or slopes, the TDOT Environmental Division, Ecology Section shall be contacted immediately. Recent U.S. Fish and Wildlife Service (USFWS) opinion regarding the Indiana bat requires approval from the TDOT Environmental Division, Ecology Section prior to any removal of vegetation greater than three (3) inches DBH.

Item 705-04.09 shall include the cost of for any clearing and grubbing associated with installation of the pad and any topsoil and seeding required for final treatment. Clearing and grubbing activities shall be confined to the footprint of the earth pad. Any necessary Erosion Prevention and Sediment Control measures shall be included in the price bid for item 705-04.09.

NPDES

It is our understanding that the project will disturb no greater than one (1) acre. If the disturbed area is expected to exceed one acre, please contact the TDOT Environmental Division, Permits Section regarding the acquisition of a NPDES permit as required.

Miscellaneous

Information found in the plan sheets is for guidance only. The written work description found in the General Notes supersedes the information contained in the plan sheets.

Nothing in the General Notes or Special Provisions shall relieve the Contractor from his responsibilities toward the safety and convenience of the general public and the residents along the proposed construction area.

Special Notes

Retroreflective white strips applied to back-side of existing Crossbuck signs shall have a minimum width of two (2) inches and be made of a Type III prismatic or better material. All costs for labor and materials to be included in the price bid for other items.

ESTIMATED QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QTY
	705-01.04	METAL BEAM GUARD FENCE	L.F.	75
	705-02.02	SINGLE GUARDRAIL (TYPE 2)	L.F.	1688
	705-04.05	GUARDRAIL TERMINAL (TYPE IN-LINE)	EACH	3
	705-04.07	TAN ENERGY ABSORBING TERM (NCHRP 350, TL3)	EACH	11
	705-04.09	EARTH PAD FOR TYPE 38 GR END TREATMENT	EACH	11
(1)	705-04.21	GUARDRAIL DELINEATION ENHANCEMENT	L.F.	4913
	712-01	TRAFFIC CONTROL	L.S.	0.50
	713-02.14	FLEXIBLE DELINEATOR (WHITE)	EACH	9
	713-02.20	ROADSIDE OBSTACLE DELINEATION	S.F.	143
(2)	713-02.21	SIGN POST DELINEATION ENHANCEMENT	L.F.	336
(3)	713-02.22	BARRIER WALL DELINEATION ENHANCEMENT	L.F.	40
	713-11.01	“U” SECTION STEEL POSTS	LB.	137
	713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	LB.	1877
	713-11.21	P POST SLIP BASE	EACH	14
	713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080” THICK)	S.F.	319
	713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100” THICK)	S.F.	240
	713-15.36	REMOVE SIGN, SUPPORT & FOOTING	EACH	28
(4)	713-16.09	RAILROAD ADVANCE WARNING SIGN AND SUPPORT	EACH	2
	716-01.21	SNWPLWBLE PVMT MRKRS (BI-DIR) (1 COLOR)	EACH	367

(5)	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	59
(5)	716-03.02	PLASTIC WORD PAVEMENT MARKING (RXR)	EACH	3
	716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	L.M.	15.50
	716-13.04	SPRAY THERMO PVMT MRKNG (60 mil) (4IN DOTTED LINE)	L.F.	390
	717-01	MOBILIZATION	L.S.	0.50
(6)	730-01.08	SCHOOL SPEED LIMIT FLASHING SIGNAL INSTALLED	EACH	2

FOOTNOTES:

1. Contractor shall refer to QPL 1 - TRAFFIC CONTROL MATERIALS, SECTION G, GUARDRAIL BEAM DELINEATION ENHANCEMENT for approved product listing. Material shall be installed per manufacturer’s specifications. Quantity shown represents gross length of rail to be delineated. Payment shall be made from the beginning of the delineation continuously to the end of the delineation at each location. Any necessary rail preparation prior to installation of delineation material shall be included in the price bid for item 705-04.21.
2. Contractor shall refer to QPL MISCELLANEOUS for approved product listing. Material shall be installed per manufacturer’s specifications. Quantity includes twelve (12) L.F. of red sign post delineation enhancement and 324 L.F. of fluorescent yellow sign post delineation enhancement.
3. Contractor shall refer to QPL 1 - TRAFFIC CONTROL MATERIALS, SECTION G, CONCRETE BARRIER/PARAPET DELINEATION ENHANCEMENT for approved product listing. Material shall be installed per manufacturer’s specifications. Quantity shown represents gross length of barrier to be delineated. Payment shall be made from the beginning of the delineation continuously to the end of the delineation at each location. Any necessary barrier preparation prior to installation of delineation material shall be included in the price bid for item 713-02.22.
4. See Standard Drawing T-RR-6 for sign and support details.
5. Contractor may elect to substitute Preformed Plastic for Thermoplastic. Preformed Plastic shall be paid for at the same unit price bid as for Thermoplastic.
6. Item includes all equipment and work necessary to install two (2) School Speed Limit flashing sign assemblies, including, but not limited to, two (2) signs [(TN-8-S) (25 MPH) (36”x60”) w/ two (2) internal 8” LED yellow flashing beacons mounted on existing support, mounting brackets, cabling and any incidentals necessary to provide an electrical connection to existing power source, and removal of two (2) existing School Speed Limit flashing sign assemblies.

STANDARD DRAWINGS

DRAWING NO.	REV. DATE	SHEET NAME
RD-A-1	12-18-99	STANDARD ABBREVIATIONS
S-GR31-1		W-BEAM GUARDRAIL
S-GRS-2		SPECIAL CASE: GUARDRAIL ATTACHMENT TO CONCRETE DECKS
S-GRT-2		TYPE 38 GUARDRAIL TERMINAL
S-GRT-2R		EARTH PAD FOR TYPE 38 (RETROFIT)
S-GRA-3		GUARDRAIL ANCHOR FOR TYPE 21, 13, AND IN-LINE TERMINALS
T-M-1	11-01-11	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-4	11-01-11	STANDARD INTERSECTION PAVEMENT MARKINGS
T-S-10	04-04-12	STANDARD MOUNTING DETAILS FLAT SHEET SIGNS ALUMINUM-STEEL DESIGN
T-S-11	06-06-11	DELINEATOR AND MILEPOST DETAILS
T-S-16	11-01-11	GROUND MOUNTED ROADSIDE SIGN AND DETAILS
T-S-17	07-19-13	STANDARD GROUND MOUNTED SIGN USING PERFORATED/KNOCKOUT SQUARE TUBE
T-S-19	07-19-13	STANDARD STEEL SIGN SUPPORTS
T-S-20	11-01-11	SIGN DETAILS
T-S-23A	07-19-13	MULTI-DIRECTIONAL SLIP BASE BREAKAWAY SQUARE TUBE SIGN SUPPORT
T-SG-13	06-01-09	FLASHING BEACON DETAIL
T-FAB-1	05-27-97	FLASHING YELLOW ARROW BOARD
T-PBR-2	11-01-11	DETAIL FOR VERTICAL PANELS AND FLEXIBLE DELINEATORS
T-WZ-10	04-02-12	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS
T-RR-1	11-01-11	TYPICAL PAVEMENT MARKING AT RAILROAD HIGHWAY GRADE CROSSINGS AND RAILROAD ADVANCE WARNING SIGN
T-RR-6	10-25-13	TYPICAL SIGNING AND MARKING AT PASSIVE RAILROAD HIGHWAY GRADE CROSSINGS

SIGN SCHEDULE

DESCRIPTION	NO.	SIZE	SIGN ID	QTY. 0.080″ (S.F.)	QTY. 0.100″ (S.F.)	POST TYPE
BIKE ROUTE	4	24"x18"	D11-1	12.00		U1
STOP	2	36"x36"	R1-1		15.00	P8
SPEED LIMIT (40 MPH)	1	24"x30"	R2-1	5.00		U3
SCHOOL BUS STOP AHEAD (FYG)	6	36"x36"	S3-1		54.00	P8
TURN (FY)	2	36"x36"	W1-1L		18.00	P5(1)
TURN (FY)	2	36"x36"	W1-1R		18.00	P5(1)
REVERSE TURN (FY)	2	36"x36"	W1-3R		18.00	P5(1)
WINDING ROAD (FY)	4	36″x36″	W1-5L		36.00	P5(1)
WINDING ROAD (FY)	2	36″x36″	W1-5R		18.00	P5(1)
CHEVRON ALIGNMENT (FY)	54	24"x30"	W1-8	270.00		P8(2)
REDUCED SPEED LIMIT AHEAD (40 MPH) (FY)	2	36″x36″	W3-5		18.00	P8
NARROW BRIDGE (FY)	2	36″x36″	W5-2		18.00	P8
GRADE CROSSING ADVANCE WARNING (FY)	2	36″x36″	W10-2		18.00	P5(1)
GRADE CROSSING ADVANCE WARNING (FY)	1	36″x36″	W10-3		9.00	P8
ADVISORY SPEED (25 MPH) (FY)	2	18″x18″	W13-1P	4.50		(3)
ADVISORY SPEED (30 MPH) (FY)	12	18″x18″	W13-1P	27.00		(3)
TOTALS	**100**			**318.50**	**240.00**	

FOOTNOTES:

1. All P5 mounted signs require a multi-directional slip base breakaway sign support
2. An adjustable mounting bracket allowing for dual panel/single post mount shall be used
3. Mount on support with other signs

(FY) Signs to have fluorescent yellow background
(FYG) Signs to have fluorescent yellow-green background
All signs to have prismatic sheeting

TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	1

GUIDANCE

1. Remove one (1) existing Curve sign and install one (1) Turn (W1-1L) (36"x36") sign and one (1) Advisory Speed (30 MPH) (W13-1P) (18"x18") plaque on State Route 29 northbound.
2. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4" single solid white edgelines and 4" double solid yellow centerline on State Route 29 from L.M. 2.59 to L.M. 3.04.
3. Install one (1) Reduced Speed Limit Ahead (40 MPH) (W3-5) (36"x36") sign on State Route 29 northbound located approximately 410 feet south of the Wolf Creek Road intersection.
4. Remove three (3) Chevron Alignment signs and install four (4) sets of double-sided Chevron Alignment (W1-8) (24"x30") signs [eight (8) total - four (4) W1-8L and four (4) W1-8R] on an adjustable mounting bracket at eighty (80) foot spacing for 240 feet on the east side of State Route 29 along the outside of the horizontal curve beginning approximately 200 feet south of the Wolf Creek Road intersection. Install 2" minimum width yellow retroreflective strips on both sides of sign posts.
5. Install one (1) Speed Limit (40 MPH) (R2-1) (30"x36") sign on State Route 29 northbound located approximately sixty (60) feet north of the Wolf Creek Road intersection.
6. Install 37'6" of Metal Beam Guard Fence and two (2) Type 38 end terminals along the west side of State Route 29 on bridge and approaches approximately 300 feet north of the Wolf Creek Road intersection. Install white continuous delineation enhancement on 137'6" of proposed metal beam guard fence and guardrail.
7. Install 37'6" of Metal Beam Guard Fence, 12'6" of Type 2 guardrail, twenty-five (25) feet (total) of Radius rail, and two (2) Type In-Line anchors along the east side of State Route 29 on bridge and approaches approximately 300 feet north of the Wolf Creek Road intersection. Install white continuous delineation enhancement on seventy-five (75) feet of proposed metal beam guard fence and guardrail.
8. Remove and replace one (1) existing Winding Road (W1-5R) (36"x36") sign and install one (1) Advisory Speed (30 MPH) (W13-1P) (18"x18") plaque on State Route 29 northbound.
9. Install one (1) Bike Route (D11-1) (24"x18") sign on State Route 29 northbound located approximately 520 feet north of the Wolf Creek Road intersection.
10. Remove one (1) existing Curve sign and install one (1) Turn (W1-1R) (36"x36") sign and one (1) Advisory Speed (30 MPH) (W13-1P) (18"x18") plaque on State Route 29 southbound.

GUIDANCE (CONT.)

11. Install bi-directional snowplowable pavement markers (yellow) along the centerline of State Route 29 from L.M. 2.59 to L.M. 3.02. The spacing between the bi-directional snowplowable pavement markers shall be eighty (80) feet unless otherwise noted on Figure 1.
12. Install yellow prismatic obstacle delineation around one (1) roadside utility pole along the west side of State Route 29 located approximately 900 feet north of the Wolf Creek Road intersection.
13. Install 565 feet of Type 2 guardrail and one (1) Type 38 end terminal along the west side of State Route 29 beginning approximately 1,050 feet north of the Wolf Creek Road intersection. Install white continuous delineation enhancement on 615 feet of proposed guardrail.
14. Install four (4) sets of double-sided Chevron Alignment (W1-8) (24"x30") signs [eight (8) total - four (4) W1-8L and four (4) W1-8R] on an adjustable mounting bracket at eighty (80) foot spacing for 240 feet on the west side of State Route 29 along the outside of the horizontal curve beginning approximately 1,385 feet north of the Wolf Creek Road intersection. Install 2" minimum width yellow retroreflective strips on both sides of sign posts.

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

0' 200' 400' 600'

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EXPEDITED PROJECT DELIVERY

STATE ROUTE 29
L.M. 2.59 TO L.M. 6.47
SCOTT COUNTY

Sheet 15 of 24

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 1
S.R. 29
L.M. 2.59 to
L.M. 3.04

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TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	2

PROJECT PLANNING DIVISION

FILE NO.

GUIDANCE

1. Install 210 feet of Type 2 guardrail and one (1) Type 38 end terminal along the west side of State Route 29 beginning approximately 1,615 feet north of the Wolf Creek Road intersection. Install white continuous delineation enhancement on 260 feet of proposed guardrail.
2. Install four (4) sets of double-sided Chevron Alignment (W1-8) (24”x30”) signs [eight (8) total - four (4) W1-8L and four (4) W1-8R] on an adjustable mounting bracket at eighty (80) foot spacing for 260 feet on the east side of State Route 29 along the outside of the horizontal curve beginning approximately 1,100 feet south of the Railroad Street intersection. Install 2” minimum width yellow retroreflective strips on both sides of sign posts.
3. Install white continuous delineation enhancement on 400 feet of existing guardrail along the east and west sides of State Route 29 located approximately 830 feet south of the Railroad Street intersection.
4. Remove one (1) existing REDUCED SPEED AHEAD sign and one (1) PLEASE HELP KEEP GLENMARY CLEAN plaque on State Route 29 northbound located approximately 770 feet south of the Railroad Street intersection.
5. Remove and replace one (1) existing Winding Road (W1-5L) (36”x36”) sign and install one (1) Advisory Speed (30 MPH) (W13-1P) (18”x18”) plaque on State Route 29 southbound.
6. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4” single solid white edgelines and 4" double solid yellow centerline on State Route 29 from L.M. 3.04 to L.M. 3.59.

GUIDANCE (CONT.)

7. Install yellow prismatic obstacle delineation around six (6) roadside utility poles along the west side of State Route 29 between L.M. 3.04 and L.M. 3.59. Approximate utility pole locations are indicated on Figure 2.
8. Remove one (1) existing STOP FOR SCHOOL BUS LOADING OR UNLOADING sign and install one (1) School Bus Stop Ahead (S3-1) (36”x36”) sign on State Route 29 southbound.
9. Remove one (1) existing Curve sign and install one (1) Turn (W1-1R) (36"x36") sign and one (1) Advisory Speed (30 MPH) (W13-1P) (18”x18”) plaque on State Route 29 northbound.
10. Install bi-directional snowplowable pavement markers (yellow) along the centerline of State Route 29 from L.M. 3.02 to L.M. 3.59. The spacing between the bi-directional snowplowable pavement markers shall be eighty (80) feet unless otherwise noted on Figure 2.
11. Install four (4) sets of double-sided Chevron Alignment (W1-8) (24”x30”) signs [eight (8) total - four (4) W1-8L and four (4) W1-8R] on an adjustable mounting bracket at eighty (80) foot spacing for 240 feet on the west side of State Route 29 along the outside of the horizontal curve beginning approximately forty (40) feet west of the High Street intersection. Install 2” minimum width yellow retroreflective strips on both sides of sign posts.
12. Install one (1) Stop (R1-1) (36"x36") sign on High Street at the intersection with State Route 29. Install a 2” minimum width red retroreflective strip on sign post. Install twenty (20) feet of 24" thermoplastic stop line.
13. Install white continuous delineation enhancement on 150 feet of existing guardrail along the east and west sides of State Route 29 at the High Street intersection.
14. Install one (1) Bike Route (D11-1) (24"x18") sign on State Route 29 southbound located approximately 260 feet north of the High Street intersection.

* All warning signs, except for school related warning signs, shall be on fluorescent yellow sheeting material. School related warning signs shall be on fluorescent yellow-green sheeting material.

0' 200' 400' 600'

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EXPEDITED PROJECT DELIVERY

STATE ROUTE 29
L.M. 2.59 TO L.M. 6.47
SCOTT COUNTY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 2
S.R. 29
L.M. 3.04 to
L.M. 3.59

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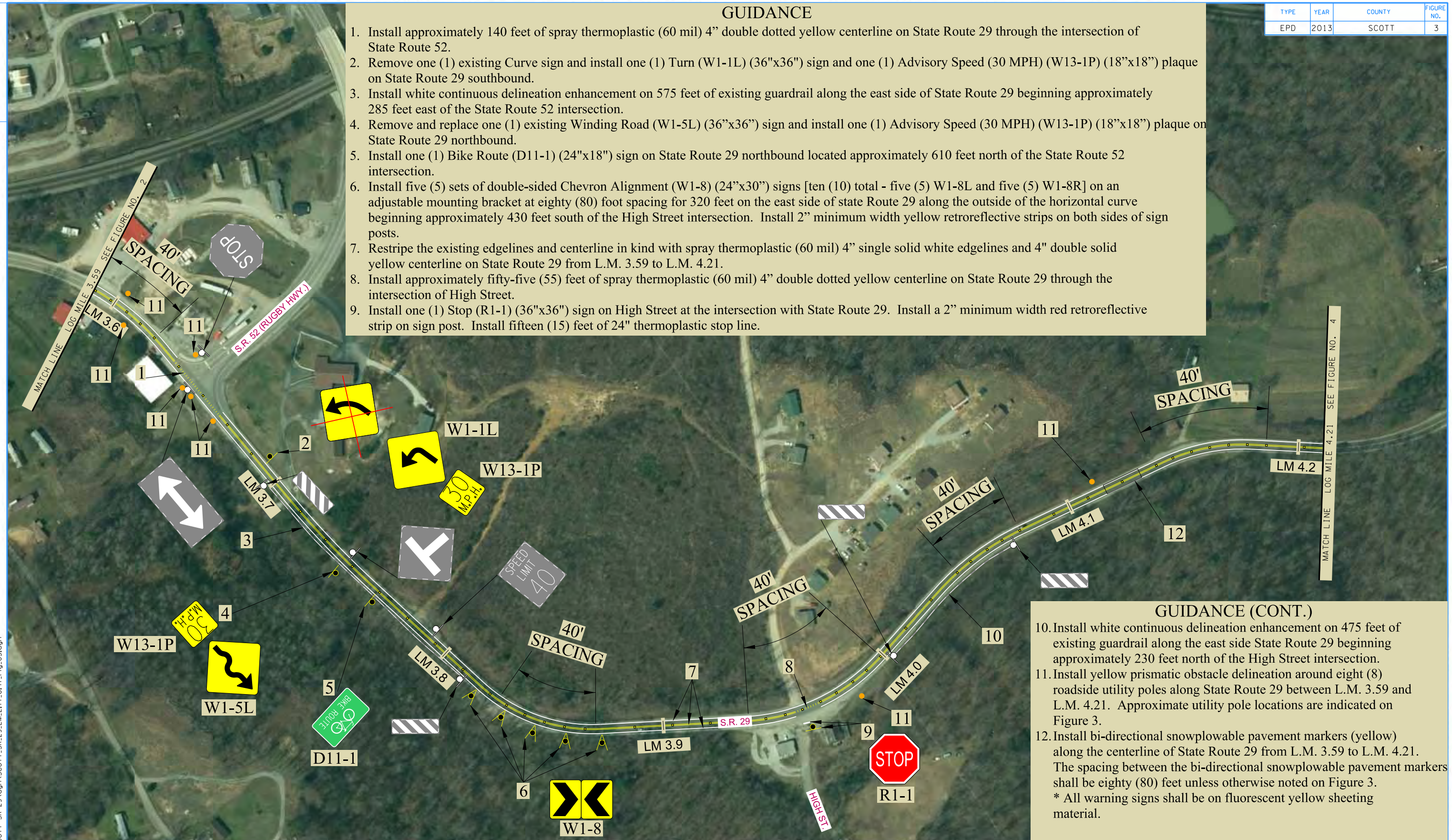
TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	3

GUIDANCE

1. Install approximately 140 feet of spray thermoplastic (60 mil) 4” double dotted yellow centerline on State Route 29 through the intersection of State Route 52.
2. Remove one (1) existing Curve sign and install one (1) Turn (W1-1L) (36"x36") sign and one (1) Advisory Speed (30 MPH) (W13-1P) (18”x18”) plaque on State Route 29 southbound.
3. Install white continuous delineation enhancement on 575 feet of existing guardrail along the east side of State Route 29 beginning approximately 285 feet east of the State Route 52 intersection.
4. Remove and replace one (1) existing Winding Road (W1-5L) (36”x36”) sign and install one (1) Advisory Speed (30 MPH) (W13-1P) (18”x18”) plaque on State Route 29 northbound.
5. Install one (1) Bike Route (D11-1) (24"x18") sign on State Route 29 northbound located approximately 610 feet north of the State Route 52 intersection.
6. Install five (5) sets of double-sided Chevron Alignment (W1-8) (24”x30”) signs [ten (10) total - five (5) W1-8L and five (5) W1-8R] on an adjustable mounting bracket at eighty (80) foot spacing for 320 feet on the east side of state Route 29 along the outside of the horizontal curve beginning approximately 430 feet south of the High Street intersection. Install 2” minimum width yellow retroreflective strips on both sides of sign posts.
7. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4” single solid white edgelines and 4" double solid yellow centerline on State Route 29 from L.M. 3.59 to L.M. 4.21.
8. Install approximately fifty-five (55) feet of spray thermoplastic (60 mil) 4” double dotted yellow centerline on State Route 29 through the intersection of High Street.
9. Install one (1) Stop (R1-1) (36"x36") sign on High Street at the intersection with State Route 29. Install a 2” minimum width red retroreflective strip on sign post. Install fifteen (15) feet of 24" thermoplastic stop line.



GUIDANCE (CONT.)

10. Install white continuous delineation enhancement on 475 feet of existing guardrail along the east side State Route 29 beginning approximately 230 feet north of the High Street intersection.
11. Install yellow prismatic obstacle delineation around eight (8) roadside utility poles along State Route 29 between L.M. 3.59 and L.M. 4.21. Approximate utility pole locations are indicated on Figure 3.
12. Install bi-directional snowplowable pavement markers (yellow) along the centerline of State Route 29 from L.M. 3.59 to L.M. 4.21. The spacing between the bi-directional snowplowable pavement markers shall be eighty (80) feet unless otherwise noted on Figure 3.

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

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EXPEDITED PROJECT DELIVERY

STATE ROUTE 29
L.M. 2.59 TO L.M. 6.47
SCOTT COUNTY

Sheet 17 of 24

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 3
S.R. 29
L.M. 3.59 to
L.M. 4.21

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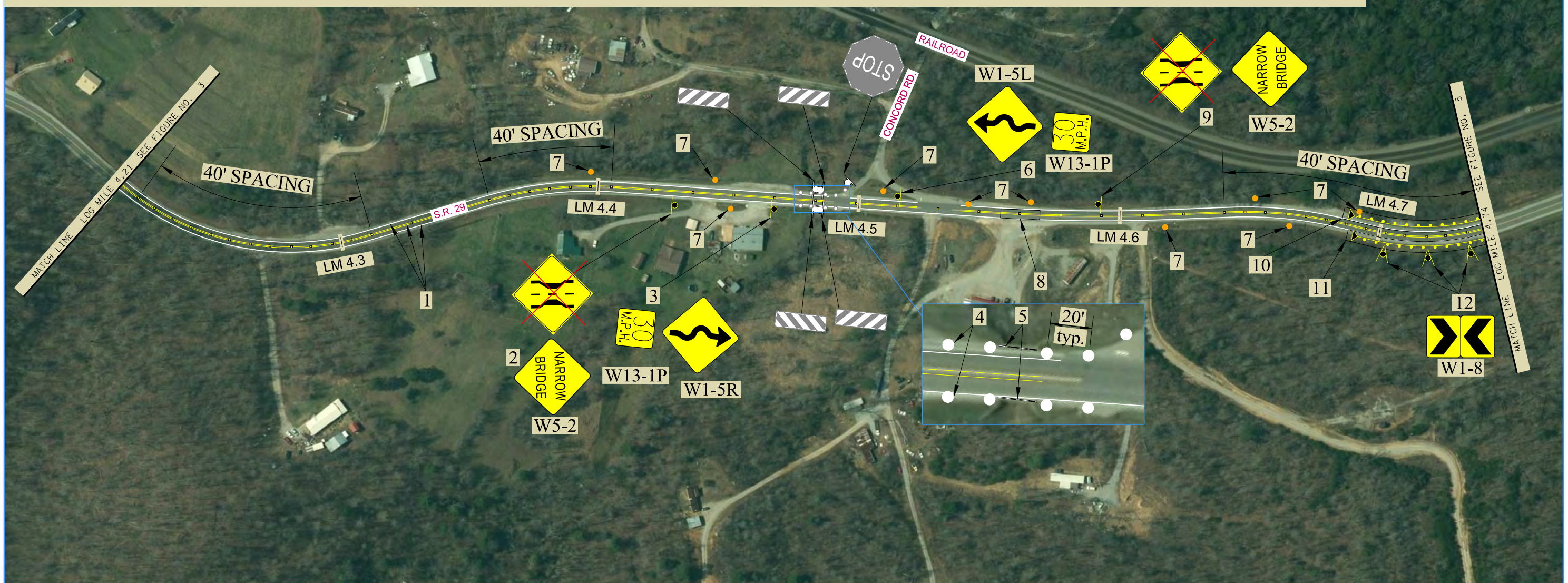
TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	4

GUIDANCE

1. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4” single solid white edgelines and 4" double solid yellow centerline on State Route 29 from L.M. 4.21 to L.M. 4.74.
2. Remove one (1) existing Narrow Bridge (Symbol) sign and install one (1) Narrow Bridge (W5-2) (36”x36”) sign on State Route 29 northbound.
3. Remove and replace one (1) existing Winding Road (W1-5R) (36”x36”) sign and install one (1) Advisory Speed (30 MPH) (W13-1P) (18”x18”) plaque on State Route 29 northbound.
4. Install nine (9) bi-directional flexible white delineators at twenty (20) foot spacing, two (2) feet off edge of pavement, along the east and west sides of State Route 29 on approaches to culvert just south of Concord Road.
5. Install white continuous delineation enhancement on forty (40) feet of existing concrete bridge rail along the east and west sides of State Route 29 on culvert just south of Concord Road.
6. Remove and replace one (1) existing Winding Road (W1-5L) (36”x36”) sign and install one (1) Advisory Speed (30 MPH) (W13-1P) (18”x18”) plaque on State Route 29 southbound.
7. Install yellow prismatic obstacle delineation around ten (10) roadside utility poles along State Route 29 between L.M. 4.21 and L.M. 4.74. Approximate utility pole locations are indicated on Figure 4.
8. Install bi-directional snowplowable pavement markers (yellow) along the centerline of State Route 29 from L.M. 4.21 to L.M. 4.74. The spacing between the bi-directional snowplowable pavement markers shall be eighty (80) feet unless otherwise noted on Figure 4.
9. Remove one (1) existing Narrow Bridge (Symbol) sign and install one (1) Narrow Bridge (W5-2) (36”x36”) sign on State Route 29 southbound.
10. Install 200 feet of Type 2 guardrail and one (1) Type 38 end terminal along the west side of State Route 29 beginning approximately 1,000 feet north of the Concord Road intersection. Install white continuous delineation enhancement on 250 feet of proposed guardrail.
11. Install 200 feet of Type 2 guardrail and one (1) Type 38 end terminal along the east side of State Route 29 beginning approximately 1,000 feet north of the Concord Road intersection. Install white continuous delineation enhancement on 250 feet of proposed guardrail.
12. Install three (3) sets of double-sided Chevron Alignment (W1-8) (24”x30”) signs [six (6) total - three (3) W1-8L and three (3) W1-8R] on an adjustable mounting bracket at eighty (80) foot spacing for 160 feet on the east side of State Route 29 along the outside of the horizontal curve beginning approximately 1,100 feet north of the Concord Road intersection. Install 2” minimum width yellow retroreflective strips on both sides of sign posts.

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



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EXPEDITED PROJECT DELIVERY

STATE ROUTE 29
L.M. 2.59 TO L.M. 6.47
SCOTT COUNTY

Sheet 18 of 24

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 4
S.R. 29
L.M. 4.21 to
L.M. 4.74

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TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

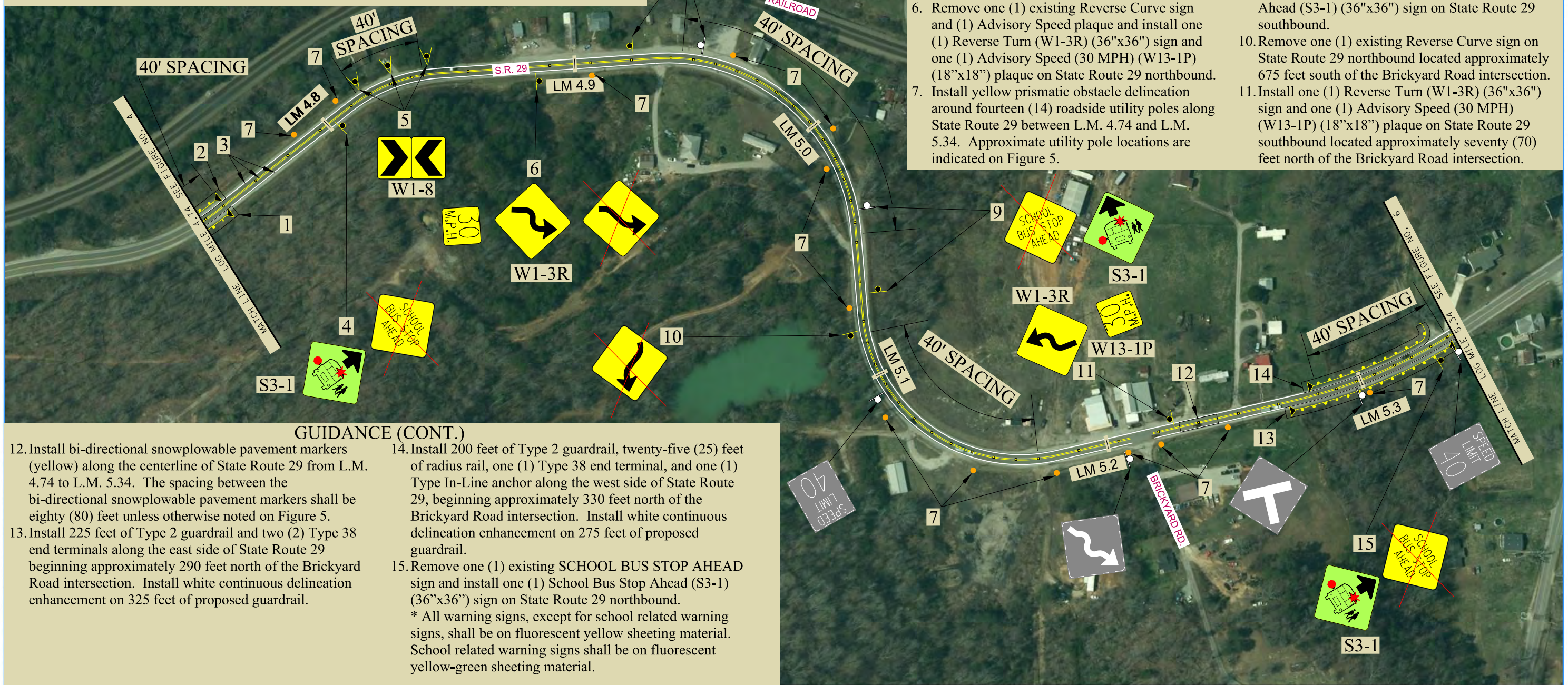
TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	5

GUIDANCE

1. Install 12'6" of Type 2 guardrail and one (1) Type 38 end terminal along the east side of State Route 29 beginning approximately 1,200 feet north of the Concord Road intersection. Install white continuous delineation enhancement on 62'6" of proposed guardrail.
2. Install 12'6" of Type 2 guardrail and one (1) Type 38 end terminal along the west side of State Route 29 beginning approximately 1,200 feet north of the Concord Road intersection. Install white continuous delineation enhancement on 62'6" of proposed guardrail.
3. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4" single solid white edgelines and 4" double solid yellow centerline on State Route 29 from L.M. 4.74 to L.M. 5.34.
4. Remove one (1) existing SCHOOL BUS STOP AHEAD sign and install one (1) School Bus Stop Ahead (S3-1) (36"x36") sign on State Route 29 northbound.

GUIDANCE (CONT.)

5. Install three (3) sets of double-sided Chevron Alignment (W1-8) (24"x30") signs [six (6) total - three (3) W1-8L and three (3) W1-8R] on an adjustable mounting bracket at eighty (80) foot spacing for 160 feet on the west side of State Route 29 along the outside of the horizontal curve beginning approximately 1,100 feet south of the Railroad Street intersection. Install 2" minimum width yellow retroreflective strips on both sides of sign posts.
6. Remove one (1) existing Reverse Curve sign and (1) Advisory Speed plaque and install one (1) Reverse Turn (W1-3R) (36"x36") sign and one (1) Advisory Speed (30 MPH) (W13-1P) (18"x18") plaque on State Route 29 northbound.
7. Install yellow prismatic obstacle delineation around fourteen (14) roadside utility poles along State Route 29 between L.M. 4.74 and L.M. 5.34. Approximate utility pole locations are indicated on Figure 5.
8. Remove one (1) Winding Road sign on State Route 29 southbound located approximately 1,390 feet south of the Brickyard Road intersection and install one (1) Winding Road (W1-5L) (36"x36") sign and one (1) Advisory Speed (30 MPH) (W13-1P) (18"x18") plaque on State Route 29 southbound located approximately 1,525 feet south of the Brickyard Road intersection.
9. Remove one (1) existing SCHOOL BUS STOP AHEAD sign and install one (1) School Bus Stop Ahead (S3-1) (36"x36") sign on State Route 29 southbound.
10. Remove one (1) existing Reverse Curve sign on State Route 29 northbound located approximately 675 feet south of the Brickyard Road intersection.
11. Install one (1) Reverse Turn (W1-3R) (36"x36") sign and one (1) Advisory Speed (30 MPH) (W13-1P) (18"x18") plaque on State Route 29 southbound located approximately seventy (70) feet north of the Brickyard Road intersection.



GUIDANCE (CONT.)

12. Install bi-directional snowplowable pavement markers (yellow) along the centerline of State Route 29 from L.M. 4.74 to L.M. 5.34. The spacing between the bi-directional snowplowable pavement markers shall be eighty (80) feet unless otherwise noted on Figure 5.
13. Install 225 feet of Type 2 guardrail and two (2) Type 38 end terminals along the east side of State Route 29 beginning approximately 290 feet north of the Brickyard Road intersection. Install white continuous delineation enhancement on 325 feet of proposed guardrail.
14. Install 200 feet of Type 2 guardrail, twenty-five (25) feet of radius rail, one (1) Type 38 end terminal, and one (1) Type In-Line anchor along the west side of State Route 29, beginning approximately 330 feet north of the Brickyard Road intersection. Install white continuous delineation enhancement on 275 feet of proposed guardrail.
15. Remove one (1) existing SCHOOL BUS STOP AHEAD sign and install one (1) School Bus Stop Ahead (S3-1) (36"x36") sign on State Route 29 northbound.

* All warning signs, except for school related warning signs, shall be on fluorescent yellow sheeting material. School related warning signs shall be on fluorescent yellow-green sheeting material.

0' 200' 400' 600'

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EXPEDITED PROJECT DELIVERY

STATE ROUTE 29
L.M. 2.59 TO L.M. 6.47
SCOTT COUNTY

Sheet 19 of 24

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 5
S.R. 29
L.M. 4.74 to
L.M. 5.34

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TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	6

GUIDANCE

1. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4" single solid white edgelines and 4" double solid yellow centerline on State Route 29 from L.M. 5.34 to L.M. 5.80.
2. Install yellow prismatic obstacle delineation around fourteen (14) roadside utility poles along State Route 29 between L.M. 5.34 and L.M. 5.80. Approximate utility pole locations are indicated on Figure 6.
3. Remove one (1) existing School Flashing Assembly and install one (1) School Speed Limit (TN-8-S) (25 MPH) (36"x60") sign on existing support on State Route 29 northbound.
4. Install bi-directional snowplowable pavement markers (yellow) along the centerline of State Route 29 from L.M. 5.34 to L.M. 5.80. The spacing between the bi-directional snowplowable pavement markers shall be eighty (80) feet unless otherwise noted on Figure 6.
5. Remove one (1) existing Cross Road sign and (1) Advisory Speed plaque and install one (1) Grade Crossing Advance Warning (Intersection) sign (W10-2L) (36"x36") sign and one (1) Advisory Speed (25 MPH) (W13-1P) (18"x18") plaque on State Route 29 northbound.
6. Remove one (1) existing SCHOOL BUS STOP AHEAD sign and install one (1) School Bus Stop Ahead (S3-1) (36"x36") sign on State Route 29 southbound.
7. Remove one (1) existing School Flashing Assembly and install one (1) School Speed Limit (TN-8-S) (25 MPH) (36"x60") sign on existing support on State Route 29 southbound.

* All warning signs, except for school related warning signs, shall be on fluorescent yellow sheeting material. School related warning signs shall be on fluorescent yellow-green sheeting material.

SEE FIGURE 6A FOR RAILROAD CROSSING IMPROVEMENTS.

0' 200' 400' 600'

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EXPEDITED PROJECT DELIVERY

STATE ROUTE 29
L.M. 2.59 TO L.M. 6.47
SCOTT COUNTY

Sheet 20 of 24

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 6
S.R. 29
L.M. 5.34 to
L.M. 5.80

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TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	6A

GUIDANCE

1. Install one (1) Grade Crossing Advance Warning (W10-3R) (36"x36") sign on Bowles Road northbound located approximately 150 feet south of the intersection with Black Creek Road.
2. Install one (1) RXR thermoplastic word pavement marking on Bowles Road northbound located approximately 115 feet south of the intersection with Black Creek Road.
3. Install one (1) Grade Crossing Advance Warning (W10-1) (36" DIA) sign on Black Creek Road northbound located approximately 200 feet south of the railroad crossing.
4. Install one (1) RXR thermoplastic word pavement marking on Black Creek Road northbound located approximately 175 feet south of the railroad crossing.
5. Install 2" minimum width white retroreflective strips on the back of the existing Crossbuck sign on the Black Creek Road eastbound grade crossing approach.
6. Restripe two (2) existing stop lines with twenty-four (24) feet of 24" thermoplastic stop line on Black Creek Road. Install a spray thermoplastic (60 mil) 4" double solid yellow centerline on each grade crossing approach.
7. Install 2" minimum width white retroreflective strips on the back of the existing Crossbuck sign on the Black Creek Road westbound grade crossing approach.
8. Remove one (1) Grade Crossing Advance Warning sign and one (1) Grade Crossing Advance Warning (Intersection) sign and install one (1) Grade Crossing advance Warning (W10-1) (36" DIA) sign on Sims Road southbound located approximately 250 feet north of the intersection with School House Road.
9. Restripe one (1) RXR thermoplastic word pavement marking on Sims Road southbound.

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

0' 100' 200' 300'

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EXPEDITED PROJECT DELIVERY

STATE ROUTE 29
L.M. 2.59 TO L.M. 6.47
SCOTT COUNTY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 6A
S.R. 29
L.M. 5.68 to
L.M. 5.76

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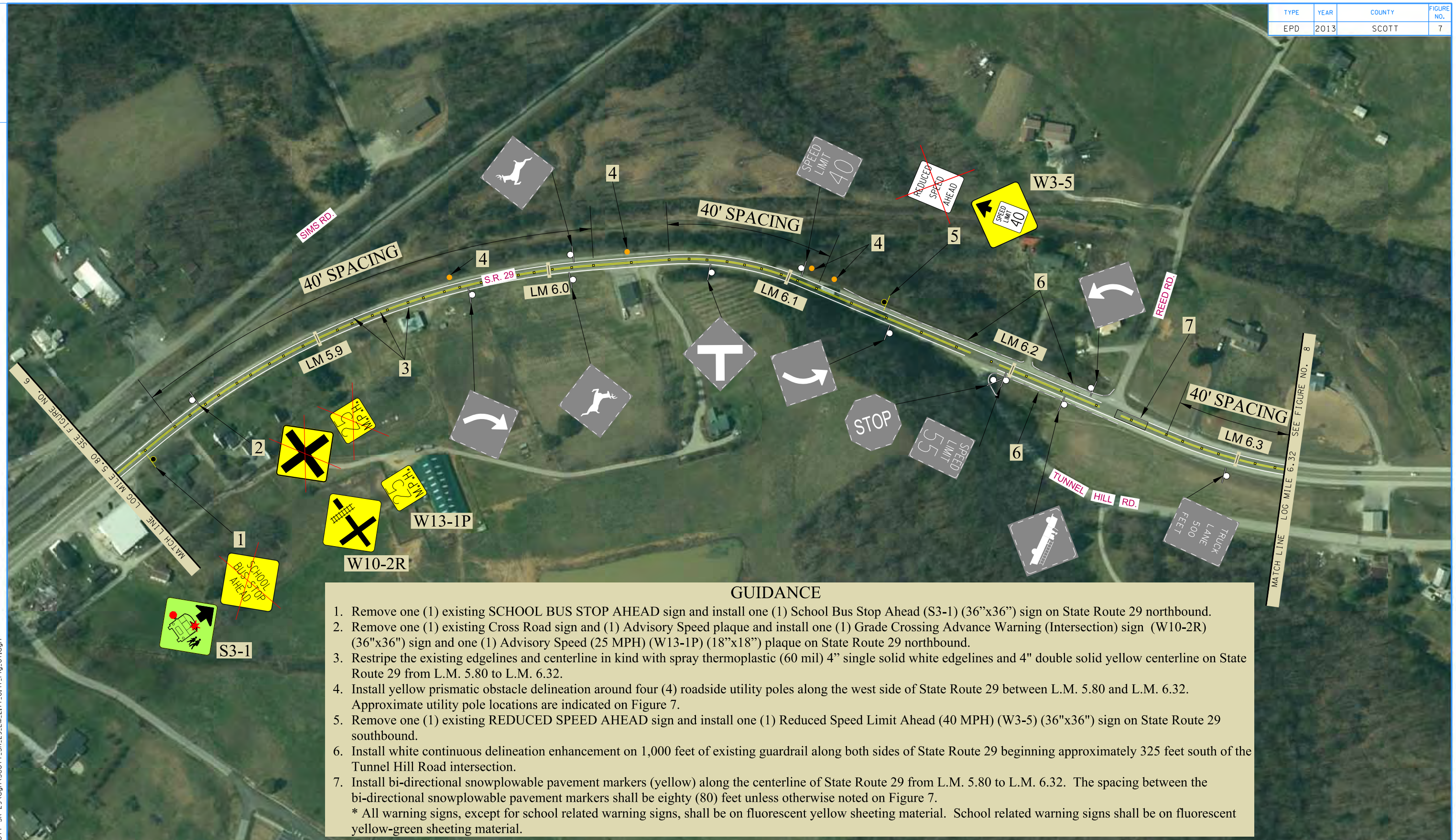
TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	7



GUIDANCE

1. Remove one (1) existing SCHOOL BUS STOP AHEAD sign and install one (1) School Bus Stop Ahead (S3-1) (36”x36”) sign on State Route 29 northbound.
2. Remove one (1) existing Cross Road sign and (1) Advisory Speed plaque and install one (1) Grade Crossing Advance Warning (Intersection) sign (W10-2R) (36"x36") sign and one (1) Advisory Speed (25 MPH) (W13-1P) (18”x18”) plaque on State Route 29 northbound.
3. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4” single solid white edgelines and 4" double solid yellow centerline on State Route 29 from L.M. 5.80 to L.M. 6.32.
4. Install yellow prismatic obstacle delineation around four (4) roadside utility poles along the west side of State Route 29 between L.M. 5.80 and L.M. 6.32. Approximate utility pole locations are indicated on Figure 7.
5. Remove one (1) existing REDUCED SPEED AHEAD sign and install one (1) Reduced Speed Limit Ahead (40 MPH) (W3-5) (36"x36") sign on State Route 29 southbound.
6. Install white continuous delineation enhancement on 1,000 feet of existing guardrail along both sides of State Route 29 beginning approximately 325 feet south of the Tunnel Hill Road intersection.
7. Install bi-directional snowplowable pavement markers (yellow) along the centerline of State Route 29 from L.M. 5.80 to L.M. 6.32. The spacing between the bi-directional snowplowable pavement markers shall be eighty (80) feet unless otherwise noted on Figure 7.

* All warning signs, except for school related warning signs, shall be on fluorescent yellow sheeting material. School related warning signs shall be on fluorescent yellow-green sheeting material.

0' 200' 400' 600'

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EXPEDITED PROJECT DELIVERY

STATE ROUTE 29
L.M. 2.59 TO L.M. 6.47
SCOTT COUNTY

Sheet 22 of 24

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 7
S.R. 29
L.M. 5.80 to
L.M. 6.32

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TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	8

GUIDANCE

1. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4" single solid white edgelines and 4" double solid yellow centerline on State Route 29 from L.M. 6.32 to L.M. 6.47.
2. Install bi-directional snowplowable pavement markers (yellow) along the centerline of State Route 29 from L.M. 6.32 to L.M. 6.47. The spacing between the bi-directional snowplowable pavement markers shall be eighty (80) feet unless otherwise noted on Figure 8.
3. Install one (1) Bike Route (D11-1) (24"x18") sign on State Route 29 southbound located approximately 310 feet south of the Old Highway 27 intersection.

0' 200' 400' 600'

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EXPEDITED PROJECT DELIVERY

STATE ROUTE 29
L.M. 2.59 TO L.M. 6.47
SCOTT COUNTY

Sheet 23 of 24

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 8
S.R. 29
L.M. 6.32 to
L.M. 6.47

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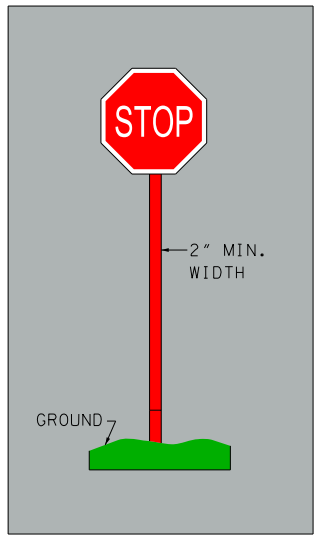
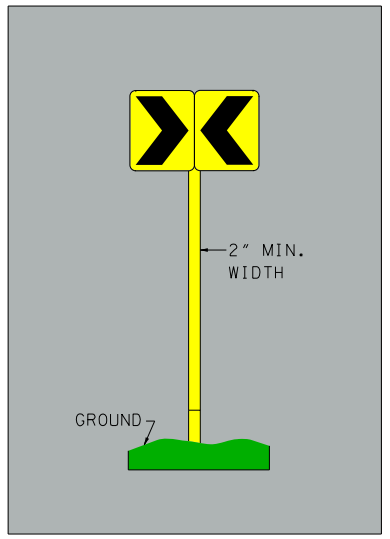
TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

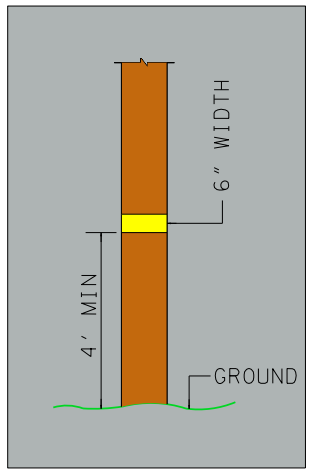
TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	9



RED RETROREFLECTIVE STRIP



YELLOW RETROREFLECTIVE STRIPS



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EXPEDITED PROJECT DELIVERY

STATE ROUTE 29
L.M. 2.59 TO L.M. 6.47
SCOTT COUNTY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 9
DETAILS PAGE
SR 29
L.M. 2.59 to
L.M. 6.47

STATE OF TENNESSEE

FED. AID PROJ. NO. HSIP-63(58)
STATE PROJ. NO. 76003-3260-94
PIN 101406.02
SCOTT COUNTY

GENERAL NOTES

REGARDING

SAFETY IMPROVEMENTS

Description

The scope of this contract is to add miscellaneous safety improvements along State Route 63 from Perkins Street (L.M. 3.14) to the Campbell County Line (L.M. 13.68) as described herein and shown on the conceptual plans on sheets 14-34 of this document. The work shall include, but is not limited to:

FIGURE 1 (L.M. 3.09 TO L.M. 3.61)

1. Restripe the existing edgelines, lane lines and centerline in kind with spray thermoplastic (60 mil) 4″ single solid white edgelines, 4″ single broken white skip lines, and 4" double solid yellow centerline on State Route 63 from L.M. 3.09 to L.M. 3.61.
2. Install two (2) thermoplastic lane reduction arrows in the outermost lane on State Route 63 eastbound located approximately 150 feet east and west of the Perkins Street intersection. Install 525 feet of thermoplastic 8" single dotted white transition line.
3. Install twenty (20) feet of 24″ thermoplastic stop line and install a 2″ minimum width red retroreflective strip on existing Stop sign post on Perkins Street.
4. Install twenty (20) feet of 24″ thermoplastic stop line and install a 2″ minimum width red retroreflective strip on existing Stop sign post on Baker Street.
5. Install mono-directional snowplowable pavement markers (clear) at eighty (80) foot spacing along the single broken white skip lines on State Route 63 eastbound and westbound from L.M. 3.09 to L.M. 3.26.
6. Install one (1) Bike Route (D11-1) (24"x18") sign on State Route 63 eastbound located approximately 480 feet east of the Baker Street intersection.

FIGURE 2 (L.M. 3.61 TO L.M. 4.10)

1. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4″ single solid white edgelines and 4" double solid yellow centerline on State Route 63 from L.M. 3.61 to L.M. 4.10.
2. Install twenty (20) feet of 24″ thermoplastic stop line and install a 2″ minimum width red retroreflective strip on existing Stop sign post on W. Hills Road.
3. Remove one (1)existing REDUCED SPEED AHEAD sign and install one (1) Reduced Speed Limit Ahead (45 MPH) (W3-5) (36″x36″) sign on State Route 63 westbound located approximately one hundred (100) feet east of the W. Hills Road intersection.

FIGURE 3 (L.M. 4.10 TO L.M. 4.64)

1. Restripe existing pavement markings in kind with spray thermoplastic (60 mil) 4" single solid white edgelines and 4" double solid yellow, 4″ single solid yellow/single broken yellow and 4″ single broken yellow centerline along State Route 63 from L.M. 4.10 to L.M. 4.64.
2. Install twenty (20) feet of 24″ thermoplastic stop line and install a 2″ minimum width red retroreflective strip on existing Stop sign post on the westernmost intersection of Harness Circle.
3. Install one (1) No Passing Zone (W14-3) (48"x48"x36") sign on State Route 63 eastbound, facing westbound traffic, located approximately 700 feet east of the westernmost intersection of Harness Circle.
4. Install twenty (20) feet of 24″ thermoplastic stop line and install a 2″ minimum width red retroreflective strip on existing Stop sign post on the easternmost intersection of Harness Circle.

FIGURE 4 (L.M. 4.64 TO L.M. 5.17)

1. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4″ single solid white edgelines and 4″ single broken yellow centerline on State Route 63 from L.M. 4.64 to L.M. 4.80.
2. Restripe the existing edgelines and centerline with spray thermoplastic (60 mil) 4″ single solid white edgelines and 4″ double solid yellow centerline on State Route 63 from L.M. 4.80 to L.M. 5.17.
3. Install one (1) No Passing Zone (W14-3) (48"x48"x36") sign on State Route 63 westbound, facing eastbound traffic, located approximately 1,250 feet west of the Jeffers Road intersection.
4. Install one (1) Side Road (W2-2L) (36"x36") sign on State Route 63 eastbound, located approximately 350 feet west of the Jeffers Road intersection.
5. Remove and replace one (1) Stop (R1-1) (36"x36") sign on Jeffers Road at the intersection with State Route 63 and install a 2" minimum width red retroreflective strip along sign post. Install twenty (20) feet of 24″ thermoplastic stop line.
6. Install one (1) Two Direction Large Arrow (W1-7) (48"x24") sign on the south side of State Route 63, directly across from and perpendicular to Jeffers Road. Install 2" minimum width yellow retroreflective strips on sign posts.
7. Install one (1) Stop Ahead (W3-1) (36″x36″) sign on Jeffers Road located approximately 230 feet east of the intersection with State Route 63. Install a 2″ minimum width yellow retroreflective strip on sign post.
8. Install one (1) Side Road (W2-2R) (36"x36") sign on State Route 63 westbound, located approximately 350 feet east of the Jeffers Road intersection.

FIGURE 5 (L.M. 5.17 TO L.M. 5.73)

1. Restripe the existing edgelines, skip lines and centerline in kind with spray thermoplastic (60 mil) 4″ single solid white edgelines, 4″ single broken white skip lines, and 4" double solid yellow centerline on State Route 63 from L.M. 5.17 to L.M. 5.73.
2. Install mono-directional snowplowable pavement markers (clear) at eighty (80) foot spacing along the single broken white skip line on State Route 63 eastbound from L.M. 5.52 to L.M. 5.73.

FIGURE 6 (L.M. 5.73 TO L.M. 6.17)

1. Restripe the existing edgelines, skip lines and centerline in kind with spray thermoplastic (60 mil) 4″ single solid white edgelines, 4″ single broken white skip lines, and 4" double solid yellow centerline on State Route 63 from L.M. 5.73 to L.M. 6.17.
2. Install mono-directional snowplowable pavement markers (clear) at eighty (80) foot spacing along the single broken white skip line on State Route 63 eastbound from L.M. 5.73 to L.M. 6.17.
3. Install one (1) Bike Route (D11-1) (24"x18") sign on State Route 63 westbound located approximately 260 feet west of the State Route 456 intersection.

FIGURE 7 (L.M. 6.17 TO L.M. 6.73)

1. Install fifteen (15) feet of 24″ thermoplastic stop line on State Route 456.
2. Install fifteen (15) feet of 24″ thermoplastic stop line on Winona Road.
3. Install one (1) Bike Route (D11-1) (24"x18") sign on State Route 63 eastbound located approximately 200 feet east of the Winona Road intersection.
4. Install mono-directional snowplowable pavement markers (clear) at eighty (80) foot spacing along the single broken white skip line on State Route 63 eastbound from L.M. 6.17 to L.M. 6.53.
5. Install mono-directional snowplowable pavement markers (clear) at twenty (20) foot spacing along the single solid white turn-lane line on State Route 63 westbound at the intersection with State Route 456.
6. Restripe two (2) thermoplastic turn lane arrows in right-turn lane on State Route 63 westbound located approximately ninety (90) feet and 300 feet east of the State Route 456 intersection.
7. Install fifteen (15) feet of 24″ thermoplastic stop line and install a 2″ minimum width red retroreflective strip on existing Stop sign post on Hidden Valley Road.
8. Install white continuous delineation enhancement on 325 feet of existing guardrail along the south side of State Route 63 beginning approximately 190 feet east of the Hidden Valley Road intersection.
9. Remove and replace one (1) 55 MPH Speed Limit (R2-1) (24″x30″) sign on State Route 63 eastbound.
10. Restripe existing pavement markings in kind with spray thermoplastic (60 mil) 4" single solid white edgelines, 4" single broken white skip lines, 4″ single solid white lane lines, and 4" double solid yellow centerline along State Route 63 from L.M. 6.17 to L.M. 6.73.
11. Restripe two (2) thermoplastic lane reduction arrows in the outermost lane on State Route 63 eastbound located approximately 300 feet west and 500 feet east of the Hidden Valley Road intersection.
12. Install thermoplastic 12″ white diagonal transverse channelization markings at fifty (50) foot spacing along the State Route 63 westbound shoulder from L.M. 6.30 to L.M. 6.50.

13. Install white continuous delineation enhancement on 425 feet of existing guardrail along the north side of State Route 63 beginning approximately 480 feet west of the John Allen Drive intersection.
14. Install white continuous delineation enhancement on 410 feet of existing guardrail along the south side of State Route 63 beginning approximately 450 feet west of the John Allen Drive intersection.
15. Restripe one (1) thermoplastic lane reduction arrow in the outermost lane on State Route 63 westbound located approximately 230 feet west of the John Allen Drive intersection.
16. Install fifteen (15) feet of 24″ thermoplastic stop line and install a 2″ minimum width red retroreflective strip on existing Stop sign post on John Allen Drive.
17. Install white continuous delineation enhancement 360 feet of existing guardrail along the north side of State Route 63 beginning at the John Allen Drive intersection.
18. Install mono-directional snowplowable pavement markers (clear) at eighty (80) foot spacing along the single broken white skip line on State Route 63 westbound from L.M. 6.59 to L.M. 6.73.

FIGURE 8 (L.M. 6.73 TO L.M. 7.25)

1. Install white continuous delineation enhancement on 190 feet of existing guardrail along the north side of State Route 63 beginning approximately 375 feet east of the John Allen Drive intersection.
2. Restripe one (1) thermoplastic lane reduction arrow in the outermost lane on State Route 63 westbound located approximately 470 feet east of the John Allen Drive intersection.
3. Restripe existing pavement markings in kind with spray thermoplastic (60 mil) 4" single solid white edgelines, 4" single broken white skip lines, 4″ single solid white lane lines, and 4" double solid yellow centerline along State Route 63 from L.M. 6.73 to L.M. 7.25.
4. Install mono-directional snowplowable pavement markers (clear) at eighty (80) foot spacing along the single broken white skip line on State Route 63 westbound from L.M. 6.73 to L.M. 7.25.
5. Install twenty (20) feet of 24″ thermoplastic stop line and install a 2″ minimum width red retroreflective strip on existing Stop sign post on Scott Drive.
6. Install mono-directional snowplowable pavement markers (clear) at twenty (20) foot spacing along the single solid white turn-lane line on State Route 63 westbound at the intersection with Scott Drive.
7. Restripe one (1) thermoplastic turn lane arrow in right-turn lane on State Route 63 westbound located approximately sixty-five (65) feet east of the Scott Drive intersection.
8. Install white continuous delineation enhancement on 625 feet of existing guardrail along the north side of State Route 63 beginning approximately 250 feet east of the Scott Drive intersection.

FIGURE 9 (L.M. 7.25 TO L.M. 7.80)

1. Restripe existing pavement markings in kind with spray thermoplastic (60 mil) 4" single solid white edgelines, 4" single broken white skip lines, and 4" double solid yellow centerline along State Route 63 from L.M. 7.25 to L.M. 7.80.
2. Install mono-directional snowplowable pavement markers (clear) at eighty (80) foot spacing along the single broken white skip line on State Route 63 westbound from L.M. 7.25 to L.M. 7.64.

FIGURE 10 (L.M. 7.80 TO L.M. 8.30)

1. Restripe existing pavement markings in kind with spray thermoplastic (60 mil) 4" single solid white edgelines, 4" single broken white skip lines, and 4" double solid yellow centerline along State Route 63 from L.M. 7.80 to L.M. 8.30.
2. Install mono-directional snowplowable pavement markers (clear) at eighty (80) foot spacing along the single broken white skip line on State Route 63 eastbound from L.M. 8.07 to L.M. 8.30.

FIGURE 11 (L.M. 8.30 TO L.M. 8.83)

1. Restripe existing pavement markings in kind with spray thermoplastic (60 mil) 4" single solid white edgelines, 4" single broken white skip lines, 4" double solid yellow centerline, and 4″ single solid yellow/single broken yellow centerline along State Route 63 from L.M. 8.30 to L.M. 8.83.
2. Restripe two (2) thermoplastic lane reduction arrows in the outermost lane on State Route 63 eastbound located approximately 365 feet west and 265 feet east of the Lowe Road intersection.
3. Install mono-directional snowplowable pavement markers (clear) at eighty (80) foot spacing along the single broken white skip line on State Route 63 eastbound from L.M. 8.30 to L.M. 8.53.
4. Install one (1) Lane Ends (W4-2R) (36″x36″) sign on State Route 63 eastbound, located approximately 200 feet east of the Lowe Road intersection.
5. Install white continuous delineation enhancement on 725 feet of existing guardrail along the south side of State Route 63 beginning approximately seventy-five (75) feet east of the Lowe Road intersection.
6. Install one (1) thermoplastic lane reduction arrow in the outermost lane on State Route 63 eastbound located approximately 175 feet west of the Jeffers Road intersection. Install 500 feet of thermoplastic 8" single dotted white transition line.
7. Install two (2) Stop (R1-1) (36"x36") signs on the Fairview Elementary School exit at the intersection with State Route 63. Install a 2" minimum width red retroreflective strip along each sign post. Install twenty-four (24) feet of 24″ thermoplastic stop line.
8. Install fifteen (15) feet of 24″ thermoplastic stop line and install a 2″ minimum width red retroreflective strip on existing Stop sign post on Jeffers Road.
9. Install white continuous delineation enhancement on 200 feet of existing guardrail along the south side of State Route 63 beginning approximately 250 feet east of the Jeffers Road intersection.

FIGURE 12 (L.M. 8.83 TO L.M. 9.39)

1. Install one (1) No Passing Zone (W14-3) (48"x48"x36") sign on State Route 63 eastbound, facing westbound traffic, located approximately 790 feet west of the Norma Road intersection.
2. Restripe existing pavement markings in kind with spray thermoplastic (60 mil) 4" single solid white edgelines, 4" single yellow broken centerline, 4″ single solid yellow/single broken yellow centerline, and 4″ double solid yellow centerline along State Route 63 from L.M. 8.83 to L.M. 9.39.
3. Install one (1) No Passing Zone (W14-3) (48"x48"x36") sign on State Route 63 westbound, facing eastbound traffic, located approximately 1,110 feet east of the Norma Road intersection.

FIGURE 13 (L.M. 9.39 TO L.M. 9.87)

1. Remove and replace one (1) Stop (R1-1) (36"x36") sign on M.L. Chambers Loop at the intersection with State Route 63. Install a 2" minimum width red retroreflective strip along sign post. Install twenty (20) feet of 24″ thermoplastic stop line.
2. Remove and replace one (1) Emergency Vehicle (W11-8) (36"x36") sign on State Route 63 eastbound.
3. Install one (1) Lane Ends (W4-2R) (36"x36") sign on State Route 63 westbound, located approximately 980 feet east of the M.L. Chambers Loop intersection.
4. Restripe two (2) thermoplastic lane reduction arrows in the outermost lane on State Route 63 westbound located approximately 925 feet and 1,550 feet east of the M.L. Chambers Loop intersection.
5. Restripe existing pavement markings in kind with spray thermoplastic (60 mil) 4" single solid white edgelines, 4" single broken white skip lines, and 4" double solid yellow centerline along State Route 63 from L.M. 9.39 to L.M. 9.87.
6. Install mono-directional snowplowable pavement markers (clear) at eighty (80) foot spacing along the single broken white skip line on State Route 63 westbound from L.M. 9.49 to L.M. 9.87.

FIGURE 14 (L.M. 9.87 TO L.M. 10.42)

1. Remove and replace one (1) Stop (R1-1) (36"x36") sign on M.L. Chambers Loop at the intersection with State Route 63. Install a 2" minimum width red retroreflective strip along sign post. Install twenty (20) feet of 24″ thermoplastic stop line.
2. Install twenty (20) feet of 24″ thermoplastic stop line and install a 2″ minimum width red retroreflective strip on existing Stop sign post on Nelson Lane.
3. Install twenty (20) feet of 24″ thermoplastic stop line and install a 2″ minimum width red retroreflective strip on existing Stop sign post on Anderson Hollow Road.
4. Restripe existing pavement markings in kind with spray thermoplastic (60 mil) 4" single solid white edgelines, 4" double solid yellow centerline, and 4″ single solid yellow/single broken yellow centerline along State Route 63 from L.M. 9.87 to L.M. 10.20.
5. Restripe the existing edgelines and centerline with spray thermoplastic (60 mil) 4″ single solid white edgelines and 4″ double solid yellow centerline on State Route 63 from L.M. L.M. 10.20 to L.M. 10.42.

FIGURE 15 (L.M. 10.42 TO L.M. 10.93)

1. Restripe the existing edgelines and centerline with spray thermoplastic (60 mil) 4″ single solid white edgelines and 4″ double solid yellow centerline on State Route 63 from L.M. L.M. 10.42 to L.M. 10.93.
2. Install one (1) Stop (R1-1) (36"x36") sign on Anderson Hollow Road at the intersection with State Route 63. Install a 2" minimum width red retroreflective strip along sign post. Install twenty (20) feet of 24″ thermoplastic stop line.

FIGURE 16 (L.M. 10.93 TO L.M. 11.42)

1. Restripe existing pavement markings in kind with spray thermoplastic (60 mil) 4" single solid white edgelines, 4" double solid yellow centerline, 4″ single solid yellow/single broken yellow centerline, and 4″ single broken yellow centerline along State Route 63 from L.M. 10.93 to L.M. 11.42.
2. Install one (1) No Passing Zone (W14-3) (48"x48"x36") sign on State Route 63 eastbound, facing westbound traffic, located approximately 1,720 feet west of the Morning Star Road intersection.

FIGURE 17 (L.M. 11.42 TO L.M. 11.92)

1. Remove and replace one (1) Stop (R1-1) (36"x36") sign on Morning Star Road at the intersection with State Route 63. Install a 2" minimum width red retroreflective strip along sign post. Install twenty (20) feet of 24″ thermoplastic stop line.
2. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4″ single solid white edgelines and 4″ single broken yellow centerline on State Route 63 from L.M. 11.42 to L.M. 11.55.
3. Restripe existing pavement markings with spray thermoplastic (60 mil) 4" single solid white edgelines and 4″ single solid yellow/single broken yellow centerline along State Route 63 from L.M. 11.55 to L.M. 11.92.

FIGURE 18 (L.M. 11.92 TO L.M. 12.42)

1. Install twenty (20) feet of 24″ thermoplastic stop line and install a 2″ minimum width red retroreflective strip on existing Stop sign post on Morning Star Road.
2. Install twenty (20) feet of 24″ thermoplastic stop line and install a 2″ minimum width red retroreflective strip on existing Stop sign post on Lays Road.
3. Install one (1) No Passing Zone (W14-3) (48"x48"x36") sign on State Route 63 eastbound, facing westbound traffic, located approximately 270 feet east of the Lays Road intersection.
4. Restripe existing pavement markings with spray thermoplastic (60 mil) 4" single solid white edgelines and 4″ single solid yellow/single broken yellow centerline along State Route 63 from L.M. 11.92 to L.M. 12.16.
5. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4″ single solid white edgelines and 4″ single broken yellow centerline on State Route 63 from L.M. 12.16 to L.M. 12.42.

FIGURE 19 (L.M. 12.42 TO L.M. 12.94)

1. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4″ single solid white edgelines and 4″ single broken yellow centerline on State Route 63 from L.M. 12.42 to L.M. 12.45.
2. Restripe existing pavement markings with spray thermoplastic (60 mil) 4" single solid white edgelines and 4″ single solid yellow/single broken yellow centerline along State Route 63 from L.M. 12.45 to L.M. 12.94.
3. Install one (1) No Passing Zone (W14-3) (48"x48"x36") sign on State Route 63 westbound, facing eastbound traffic, located approximately 1,240 feet west of the Crampton Lane intersection.
4. Install twenty (20) feet of 24″ thermoplastic stop line and install a 2″ minimum width red retroreflective strip on existing Stop sign post on Crampton Lane.

FIGURE 20 (L.M. 12.94 TO L.M. 13.29)

1. Install one (1) Stop (R1-1) (36"x36") sign on Allred Cemetery Road at the intersection with State Route 63. Install a 2" minimum width red retroreflective strip along sign post. Install twenty (20) feet of 24″ thermoplastic stop line.
2. Install one (1) No Passing Zone (W14-3) (48"x48"x36") sign on State Route 63 eastbound, facing westbound traffic, located approximately 150 feet east of the Allred Cemetery Road intersection.
3. Restripe existing pavement markings with spray thermoplastic (60 mil) 4" single solid white edgelines and 4″ single solid yellow/single broken yellow centerline along State Route 63 from L.M. 12.94 to L.M. 13.00.
4. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4″ single solid white edgelines, 4″ single broken yellow centerline, and 4″ single broken yellow/single solid yellow centerline on State Route 63 from L.M. 13.00 to L.M. 13.29.
5. Install twenty (20) feet of 24″ thermoplastic stop line and install a 2″ minimum width red retroreflective strip on existing Stop sign post on Jack Moffitt Road.

Materials

Materials used shall conform to the requirements of the January 1, 2015 Standard Specifications for Road and Bridge Construction and any Special Provisions for the items pertaining to this Contract.

All materials that are removed to facilitate installation are to become the property of the Contractor, removed from the State Right-of-Way, and disposed of properly, unless otherwise specified in the plans.

Basis of Payment

The accepted quantities will be paid for at the contract unit price per item of work. The price shall be full compensation for all work as directed by the Engineer, including the furnishing of all labor, tools, equipment and incidentals to satisfactorily complete the work.

Utilities

Utility locations shall be determined in the field by contacting the utility companies involved. Notification by calling the Tennessee One Call System, Inc., at 1-800-351-1111 as required by TCA 65-31-106 will be required.

The Contractor will provide all necessary protective measures to safeguard existing utilities from damage during construction of this project. In the event that special equipment is required to work over and around the utilities, the Contractor will be required to furnish such equipment. The cost of protecting utilities from damage and furnishing any necessary special equipment will be included in the price bid for other items of construction.

Traffic Control

Item 712-01 (Traffic Control) shall be in accordance with Section 712 of the Standard Specifications. All items and labor necessary for the installation and/or replacement of any temporary traffic control measures including, but not limited to construction signing, flexible drums and flashing arrow boards, unless otherwise specified in the plans, shall be included in the price bid for item 712-01, Traffic Control.

The Contractor shall sign and mark the work zone in accordance with the current edition of the Manual on Uniform Traffic Control Devices.

When lane closures are allowed, the Engineer has the authority to instruct the Contractor to open the lane to traffic at any time he feels this may be required to avoid traffic or other problems. Lane closures shall begin on the approach side of horizontal and vertical curves.

Signs and channelizing devices for lane closures shall be erected immediately before work begins each day and shall be removed at the end of work each day to permit traffic to have unrestricted use of all traffic lanes when work is not in progress.

Pavement Markings

Pavement Markings shall be as described in the General Notes and in accordance with Section 716 of the Standard Specifications.

Removal of existing pavement markings (including but not limited to lane lines, edge lines, centerlines, stop lines, channelization striping, arrows) as required prior to installation of proposed markings will not be paid for directly, but shall be included in the price bid for that pavement marking item.

Signing

All permanent signing shall be in accordance with the current version of the Manual on Uniform Traffic Control Devices and in accordance with Sections 713 and 916 of the Standard Specifications.

The Contractor will be responsible for the location and staking of the proposed signs, along with any surveying and engineering that may be required to complete this project. Cost of staking sign locations and any necessary surveying and engineering will not be paid for directly, but shall be included in the price bid for other items of construction. Each sign location will be checked for accuracy by the Engineer, or his representative, before accepted for final payment. Any relocation required, due to the sign not being installed in the correct location, will be done at the Contractor’s expense.

Quantity for item 713-11.01 is based on an approximate overall sign support length of thirteen (13) feet; quantity for item 713-11.02 is based on an approximate overall sign support length of fourteen (14) feet including stub. These lengths are for estimating purposes only. The Contractor shall verify all support lengths at the site prior to erection.

Quantity for item 713-02.21 is based on an approximate length of six (6) feet per post for estimating purposes only. The reflective strip shall begin at the bottom of the sign face and extend to the ground line. The color of the sign post delineator shall match the background color of the primary sign installed on the post.

In the event an existing Street Name Sign is removed due to the relocation or replacement of a sign and/or post, the existing Street Name Sign is to be retained for placement by the Contractor on the new sign and/or post unless otherwise stated in the description of work. At the time in which the new STOP signs are installed on the side streets, the Contractor shall install the existing Street Name signs(s) with bracket to hold the Street Name signs(s) on top of the new STOP sign. If the City or County elects to furnish new Street Name Signs to the Contractor, the Contractor shall install these new signs in lieu of existing signs. All work and materials shall be included in the price bid for other items of construction.

In the event an existing sign (in addition to the particular sign being replaced) is present on a support being replaced, the existing sign is to be retained for placement by the Contractor on the new support unless otherwise stated in the description of work. Contractor shall verify the appropriate support is used in these cases, as it may differ from the support type noted in the sign schedule. All work and materials shall be included in the price bid for other items of construction.

All signs designated for removal are to be removed by the Contractor and paid for under item 713-15.36. Contractor shall retain all signs removed.

The existing sign footings are to be removed 6 inches below the ground line.

NPDES

It is our understanding that the project will disturb no greater than one (1) acre. If the disturbed area is expected to exceed one acre, please contact the TDOT Environmental Division, Permits Section regarding the acquisition of a NPDES permit as required.

Miscellaneous

Information found in the plan sheets is for guidance only. The written work description found in the General Notes supersedes the information contained in the plan sheets.

Nothing in the General Notes or Special Provisions shall relieve the Contractor from his responsibilities toward the safety and convenience of the general public and the residents along the proposed construction area.

ESTIMATED QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QTY
(1)	705-04.21	GUARDRAIL DELINEATION ENHANCEMENT	L.F.	3260
	712-01	TRAFFIC CONTROL	L.S.	0.50
(2)	713-02.21	SIGN POST DELINEATION ENHANCEMENT	L.F.	156
	713-11.01	“U” SECTION STEEL POSTS	LB.	579
	713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	LB.	506
	713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080” THICK)	S.F.	14
	713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100” THICK)	S.F.	176
	713-15.36	REMOVE SIGN, SUPPORT & FOOTING	EACH	7
	716-01.22	SNWPLWBLE PVMT MRKRS (MONO-DIR) (1 COLOR)	EACH	228
(3)	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	459
(3)	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	3
(3)	716-02.08	PLASTIC PAVEMENT MARKING (8” DOTTED LINE)	L.F.	1025
(3)	716-04.04	PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	L.F.	300
(3)	716-04.14	PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	EACH	11
	716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	L.M.	36
	717-01	MOBILIZATION	L.S.	0.50

FOOTNOTES:

1. Contractor shall refer to QPL 1 - TRAFFIC CONTROL MATERIALS, SECTION G, GUARDRAIL BEAM DELINEATION ENHANCEMENT for approved product listing. Material shall be installed per manufacturer’s specifications. Quantity shown represents gross length of rail to be delineated. Payment shall be made from the beginning of the delineation continuously to the end of the delineation at each location. Any necessary rail preparation prior to installation of delineation material shall be included in the price bid for item 705-04.21.
2. Contractor shall refer to QPL MISCELLANEOUS for approved product listing. Material shall be installed per manufacturer’s specifications. Quantity includes 138 L.F. of red sign post delineation enhancement and eighteen (18) L.F. of fluorescent yellow sign post delineation enhancement.
3. Contractor may elect to substitute Preformed Plastic for Thermoplastic. Preformed Plastic shall be paid for at the same unit price bid as for Thermoplastic.

STANDARD DRAWINGS

DRAWING NO.	REV. DATE	SHEET NAME
RD-A-1	12-18-99	STANDARD ABBREVIATIONS
T-M-1	11-01-11	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-2	01-15-13	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS
T-M-3	09-19-91	MARKING STANDARDS FOR TRAFFIC ISLANDS, MEDIANS AND PAVED SHOULDERS ON CONVENTIONAL ROADS
T-M-4	11-01-11	STANDARD INTERSECTION PAVEMENT MARKINGS
T-S-10	04-04-12	STANDARD MOUNTING DETAILS FLAT SHEET SIGNS ALUMINUM-STEEL DESIGN
T-S-16	11-01-11	GROUND MOUNTED ROADSIDE SIGN AND DETAILS
T-S-17	07-19-13	STANDARD GROUND MOUNTED SIGN USING PERFORATED/KNOCKOUT SQUARE TUBE
T-S-19	07-19-13	STANDARD STEEL SIGN SUPPORTS
T-S-20	11-01-11	SIGN DETAILS
T-FAB-1	05-27-97	FLASHING YELLOW ARROW BOARD
T-WZ-10	04-02-12	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS

SIGN SCHEDULE

DESCRIPTION	NO.	SIZE	SIGN ID	QTY. 0.080″ (S.F.)	QTY. 0.100″ (S.F.)	POST TYPE
BIKE ROUTE	3	24″x18″	D11-1	9.00		U1
STOP	8	36"x36"	R1-1		60.00	P8
SPEED LIMIT (55 MPH)	1	24"x30"	R2-1	5.00		U3
TWO DIRECTION LARGE ARROW (FY)	1	48″x24″	W1-7		8.00	U1(1)
SIDE ROAD (FY)	2	36″x36″	W2-2		18.00	P8
STOP AHEAD (FY)	1	36″x36″	W3-1		9.00	P8
REDUCED SPEED LIMIT AHEAD (45 MPH) (FY)	1	36″x36″	W3-5		9.00	P8
LANE ENDS (FY)	2	36″x36″	W4-2R		18.00	P8
EMERGENCY VEHICLE (FY)	1	36"x36"	W11-8		9.00	P8
NO PASSING ZONE (PENNANT) (FY)	8	48″x48″x36″	W14-3		44.80	U1(1)
TOTALS	**28**			**14.00**	**175.80**	

FOOTNOTES:

1. Mount on two (2) supports

(FY) Signs to have fluorescent yellow background

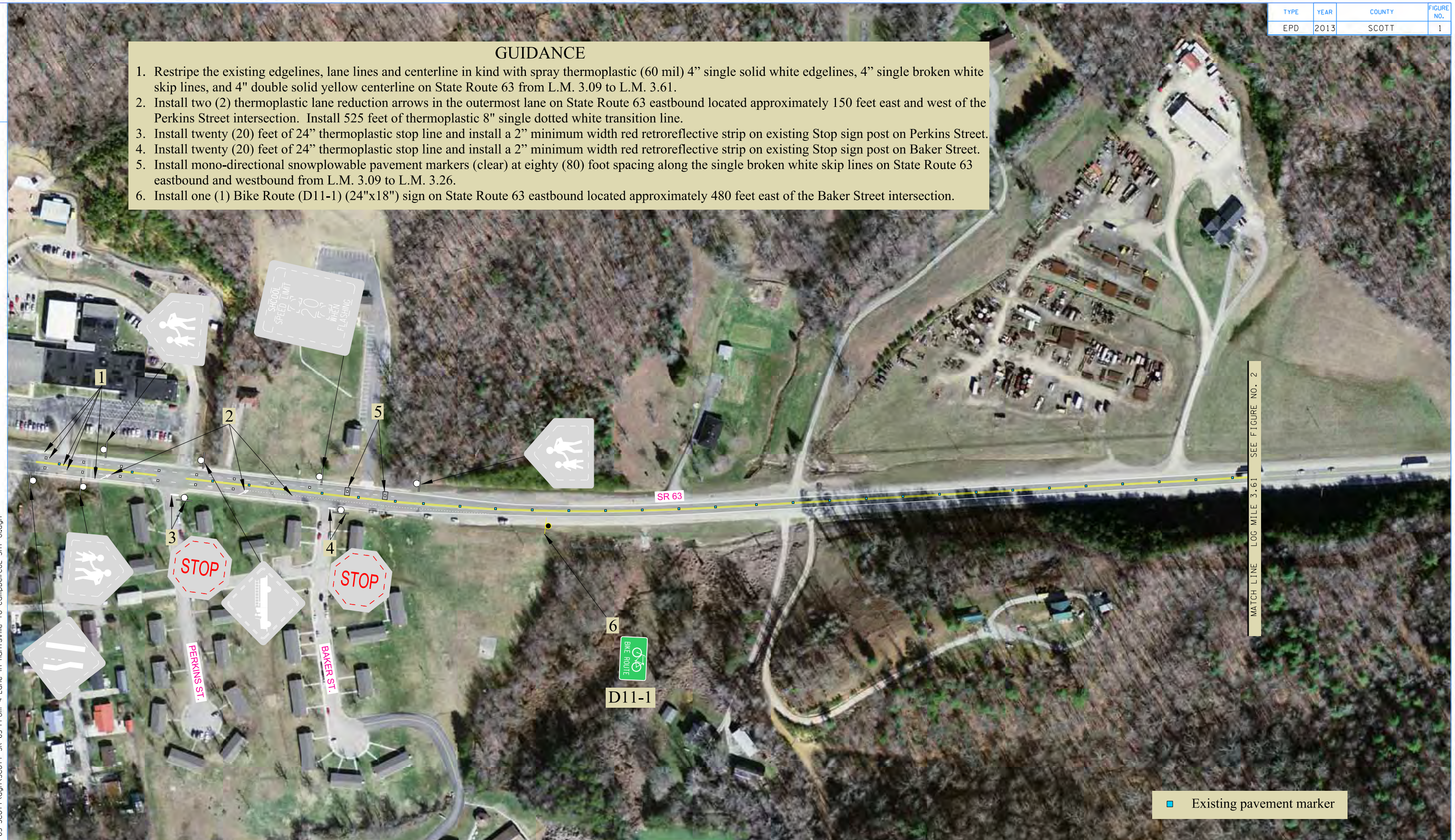
All signs to have prismatic sheeting

TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	1

GUIDANCE

1. Restripe the existing edgelines, lane lines and centerline in kind with spray thermoplastic (60 mil) 4” single solid white edgelines, 4” single broken white skip lines, and 4" double solid yellow centerline on State Route 63 from L.M. 3.09 to L.M. 3.61.
2. Install two (2) thermoplastic lane reduction arrows in the outermost lane on State Route 63 eastbound located approximately 150 feet east and west of the Perkins Street intersection. Install 525 feet of thermoplastic 8" single dotted white transition line.
3. Install twenty (20) feet of 24” thermoplastic stop line and install a 2” minimum width red retroreflective strip on existing Stop sign post on Perkins Street.
4. Install twenty (20) feet of 24” thermoplastic stop line and install a 2” minimum width red retroreflective strip on existing Stop sign post on Baker Street.
5. Install mono-directional snowplowable pavement markers (clear) at eighty (80) foot spacing along the single broken white skip lines on State Route 63 eastbound and westbound from L.M. 3.09 to L.M. 3.26.
6. Install one (1) Bike Route (D11-1) (24"x18") sign on State Route 63 eastbound located approximately 480 feet east of the Baker Street intersection.



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EXPEDITED PROJECT DELIVERY

STATE ROUTE 63
FROM WEST OF PERKINS ST. L.M. 3.09
TO WEST OF CAMPBELL COUNTY LINE L.M. 13.29
SCOTT COUNTY

Sheet 14 of 34

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 1
S.R. 63
L.M. 3.09 to
L.M. 3.61

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TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	2

GUIDANCE

1. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4” single solid white edgelines and 4" double solid yellow centerline on State Route 63 from L.M. 3.61 to L.M. 4.10.
2. Install twenty (20) feet of 24” thermoplastic stop line and install a 2” minimum width red retroreflective strip on existing Stop sign post on W. Hills Road.
3. Remove one (1)existing REDUCED SPEED AHEAD sign and install one (1) Reduced Speed Limit Ahead (45 MPH) (W3-5) (36”x36”) sign on State Route 63 westbound located approximately one hundred (100) feet east of the W. Hills Road intersection.

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

0′ 200′ 400′ 600′

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EXPEDITED PROJECT DELIVERY

STATE ROUTE 63
FROM WEST OF PERKINS ST. L.M. 3.09
TO WEST OF CAMPBELL COUNTY LINE L.M. 13.29
SCOTT COUNTY

Sheet 15 of 34

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 2
S.R. 63
L.M. 3.61 to
L.M. 4.10

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TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	3

GUIDANCE

1. Restripe existing pavement markings in kind with spray thermoplastic (60 mil) 4" single solid white edgelines and 4" double solid yellow, 4" single solid yellow/single broken yellow and 4" single broken yellow centerline along State Route 63 from L.M. 4.10 to L.M. 4.64.
2. Install twenty (20) feet of 24" thermoplastic stop line and install a 2" minimum width red retroreflective strip on existing Stop sign post on the westernmost intersection of Harness Circle.
3. Install one (1) No Passing Zone (W14-3) (48"x48"x36") sign on State Route 63 eastbound, facing westbound traffic, located approximately 700 feet east of the westernmost intersection of Harness Circle.
4. Install twenty (20) feet of 24" thermoplastic stop line and install a 2" minimum width red retroreflective strip on existing Stop sign post on the easternmost intersection of Harness Circle.

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

0' 200' 400' 600'

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EXPEDITED PROJECT DELIVERY

STATE ROUTE 63
FROM WEST OF PERKINS ST. L.M. 3.09
TO WEST OF CAMPBELL COUNTY LINE L.M. 13.29
SCOTT COUNTY

Sheet 16 of 34

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 3
S.R. 63
L.M. 4.10 to
L.M. 4.64

TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

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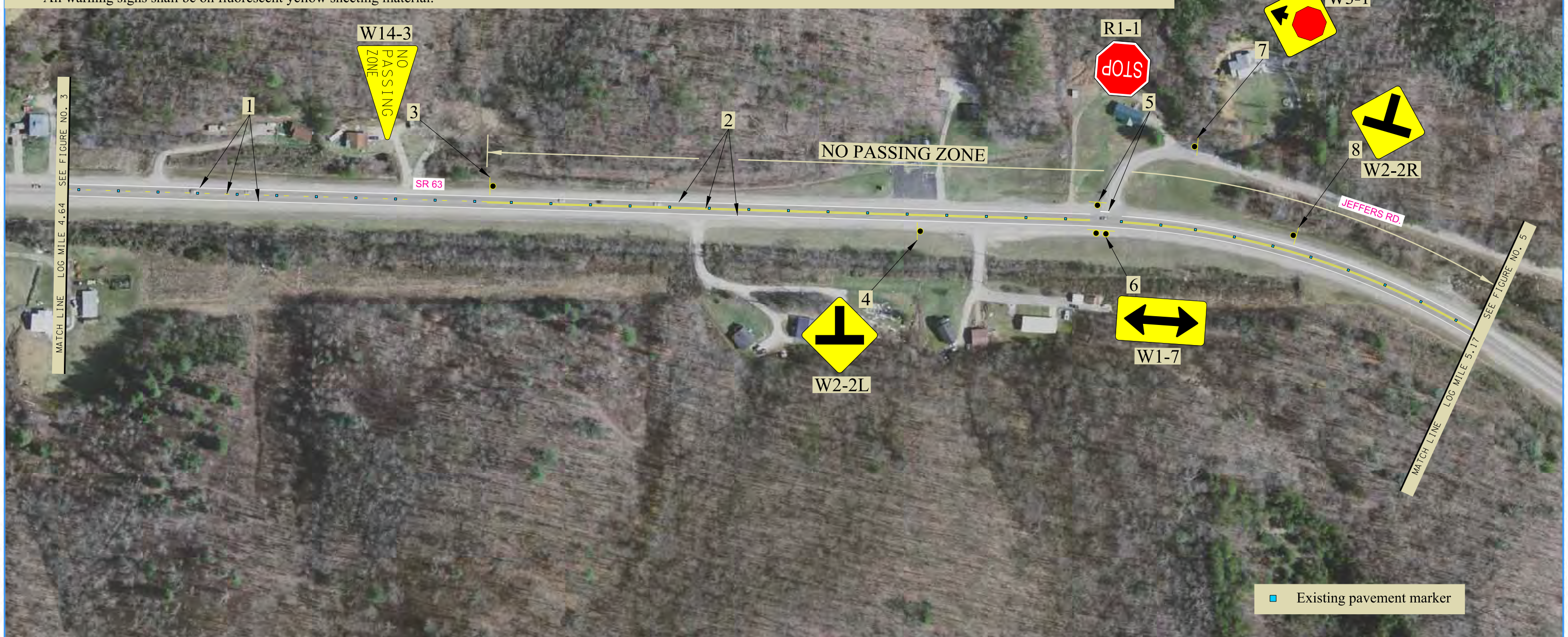
TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	4

GUIDANCE

1. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4" single solid white edgelines and 4" single broken yellow centerline on State Route 63 from L.M. 4.64 to L.M. 4.80.
2. Restripe the existing edgelines and centerline with spray thermoplastic (60 mil) 4" single solid white edgelines and 4" double solid yellow centerline on State Route 63 from L.M. 4.80 to L.M. 5.17.
3. Install one (1) No Passing Zone (W14-3) (48"x48"x36") sign on State Route 63 westbound, facing eastbound traffic, located approximately 1,250 feet west of the Jeffers Road intersection.
4. Install one (1) Side Road (W2-2L) (36"x36") sign on State Route 63 eastbound, located approximately 350 feet west of the Jeffers Road intersection.
5. Remove and replace one (1) Stop (R1-1) (36"x36") sign on Jeffers Road at the intersection with State Route 63 and install a 2" minimum width red retroreflective strip along sign post. Install twenty (20) feet of 24" thermoplastic stop line.
6. Install one (1) Two Direction Large Arrow (W1-7) (48"x24") sign on the south side of State Route 63, directly across from and perpendicular to Jeffers Road. Install 2" minimum width yellow retroreflective strips on sign posts.
7. Install one (1) Stop Ahead (W3-1) (36"x36") sign on Jeffers Road located approximately 230 feet east of the intersection with State Route 63. Install a 2" minimum width yellow retroreflective strip on sign post.
8. Install one (1) Side Road (W2-2R) (36"x36") sign on State Route 63 westbound, located approximately 350 feet east of the Jeffers Road intersection.

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



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EXPEDITED PROJECT DELIVERY

STATE ROUTE 63
FROM WEST OF PERKINS ST. L.M. 3.09
TO WEST OF CAMPBELL COUNTY LINE L.M. 13.29
SCOTT COUNTY

Sheet 17 of 34

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 4
S.R. 63
L.M. 4.64 to
L.M. 5.17

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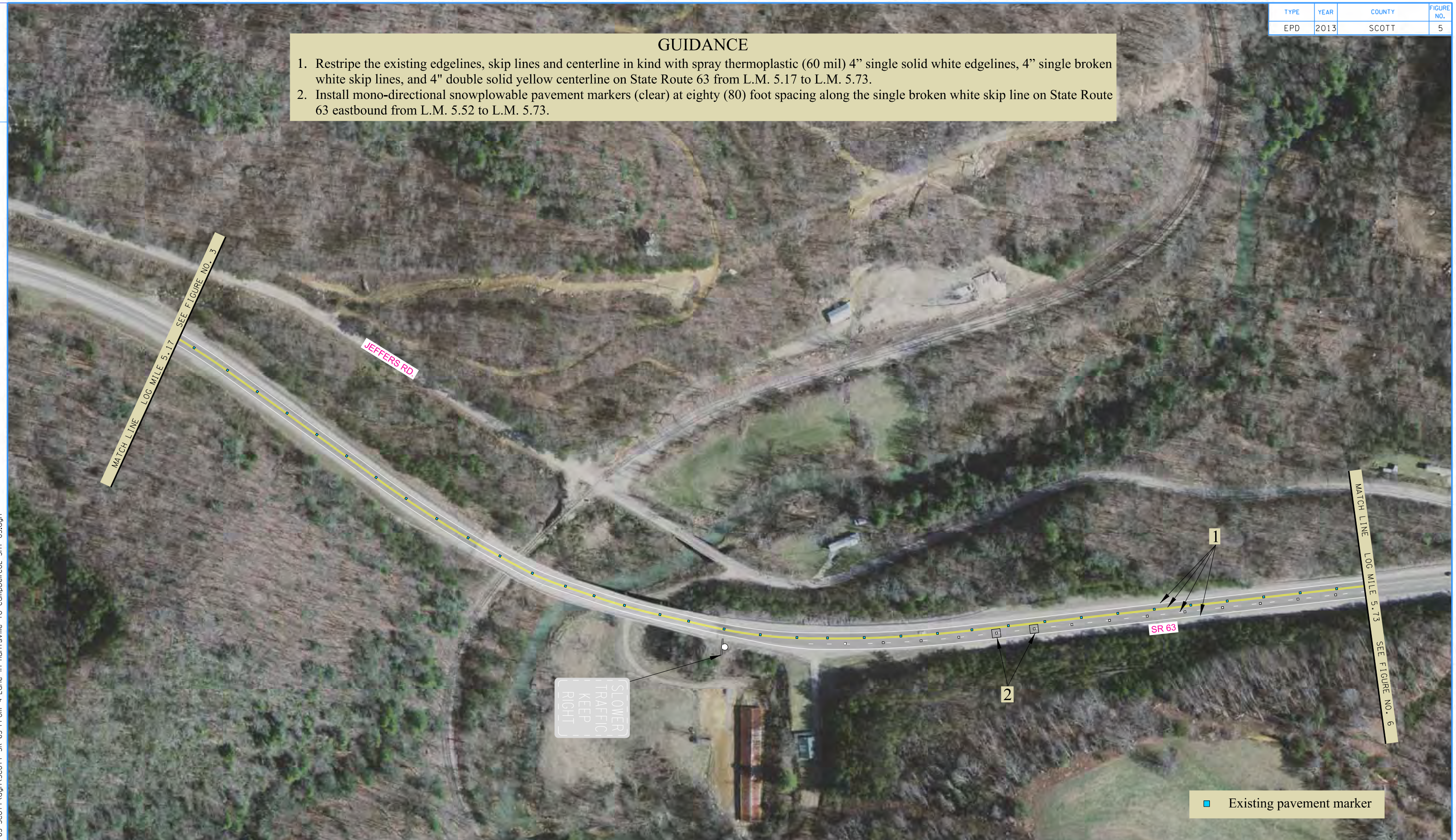
TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	5

GUIDANCE

1. Restripe the existing edgelines, skip lines and centerline in kind with spray thermoplastic (60 mil) 4" single solid white edgelines, 4" single broken white skip lines, and 4" double solid yellow centerline on State Route 63 from L.M. 5.17 to L.M. 5.73.
2. Install mono-directional snowplowable pavement markers (clear) at eighty (80) foot spacing along the single broken white skip line on State Route 63 eastbound from L.M. 5.52 to L.M. 5.73.



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EXPEDITED PROJECT DELIVERY

STATE ROUTE 63
FROM WEST OF PERKINS ST. L.M. 3.09
TO WEST OF CAMPBELL COUNTY LINE L.M. 13.29
SCOTT COUNTY

Sheet 18 of 34

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 5
S.R. 63
L.M. 5.17 to
L.M. 5.73

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TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	6

GUIDANCE

1. Restrlpe the existing edgelines, skip lines and centerline in kind with spray thermoplastic (60 mil) 4" single solid white edgelines, 4" single broken white skip lines, and 4" double solid yellow centerline on State Route 63 from L.M. 5.73 to L.M. 6.17.
2. Install mono-directional snowplowable pavement markers (clear) at eighty (80) foot spacing along the single broken white skip line on State Route 63 eastbound from L.M. 5.73 to L.M. 6.17.
3. Install one (1) Bike Route (D11-1) (24"x18") sign on State Route 63 westbound located approximately 260 feet west of the State Route 456 intersection.

0' 200' 400' 600'

N

EXPEDITED PROJECT DELIVERY

STATE ROUTE 63
FROM WEST OF PERKINS ST. L.M. 3.09
TO WEST OF CAMPBELL COUNTY LINE L.M. 13.29
SCOTT COUNTY

Sheet 19 of 34

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 6
S.R. 63
L.M. 5.73 to
L.M. 6.17

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TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	7

TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

GUIDANCE

1. Install fifteen (15) feet of 24” thermoplastic stop line on State Route 456.
2. Install fifteen (15) feet of 24” thermoplastic stop line on Winona Road.
3. Install one (1) Bike Route (D11-1) (24"x18") sign on State Route 63 eastbound located approximately 200 feet east of the Winona Road intersection.
4. Install mono-directional snowplowable pavement markers (clear) at eighty (80) foot spacing along the single broken white skip line on State Route 63 eastbound from L.M. 6.17 to L.M. 6.53.
5. Install mono-directional snowplowable pavement markers (clear) at twenty (20) foot spacing along the single solid white turn-lane line on State Route 63 westbound at the intersection with State Route 456.
6. Restripe two (2) thermoplastic turn lane arrows in right-turn lane on State Route 63 westbound located approximately ninety (90) feet and 300 feet east of the State Route 456 intersection.
7. Install fifteen (15) feet of 24” thermoplastic stop line and install a 2” minimum width red retroreflective strip on existing Stop sign post on Hidden Valley Road.
8. Install white continuous delineation enhancement on 325 feet of existing guardrail along the south side of State Route 63 beginning approximately 190 feet east of the Hidden Valley Road intersection.
9. Remove and replace one (1) 55 MPH Speed Limit (R2-1) (24”x30”) sign on State Route 63 eastbound.
10. Restripe existing pavement markings in kind with spray thermoplastic (60 mil) 4" single solid white edgelines, 4" single broken white skip lines, 4” single solid white lane lines, and 4" double solid yellow centerline along State Route 63 from L.M. 6.17 to L.M. 6.73.
11. Restripe two (2) thermoplastic lane reduction arrows in the outermost lane on State Route 63 eastbound located approximately 300 feet west and 500 feet east of the Hidden Valley Road intersection.
12. Install thermoplastic 12” white diagonal transverse channelization markings at fifty (50) foot spacing along the State Route 63 westbound shoulder from L.M. 6.30 to L.M. 6.50.
13. Install white continuous delineation enhancement on 425 feet of existing guardrail along the north side of State Route 63 beginning approximately 480 feet west of the John Allen Drive intersection.
14. Install white continuous delineation enhancement on 410 feet of existing guardrail along the south side of State Route 63 beginning approximately 450 feet west of the John Allen Drive intersection.
15. Restripe one (1) thermoplastic lane reduction arrow in the outermost lane on State Route 63 westbound located approximately 230 feet west of the John Allen Drive intersection.
16. Install fifteen (15) feet of 24” thermoplastic stop line and install a 2” minimum width red retroreflective strip on existing Stop sign post on John Allen Drive.
17. Install white continuous delineation enhancement 360 feet of existing guardrail along the north side of State Route 63 beginning at the John Allen Drive intersection.
18. Install mono-directional snowplowable pavement markers (clear) at eighty (80) foot spacing along the single broken white skip line on State Route 63 westbound from L.M. 6.59 to L.M. 6.73.

0′ 200′ 400′ 600′

N

EXPEDITED PROJECT DELIVERY

STATE ROUTE 63
FROM WEST OF PERKINS ST. L.M. 3.09
TO WEST OF CAMPBELL COUNTY LINE L.M. 13.29
SCOTT COUNTY

Sheet 20 of 34

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 7
S.R. 63
L.M. 6.17 to
L.M. 6.73

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H:\215923\doc\February 2015\SR 63 Scott\dgn\Scott SR 63 From 4-Lane in Huntsville to CampbellCoL Sht 07.dgn

TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	8

GUIDANCE

1. Install white continuous delineation enhancement on 190 feet of existing guardrail along the north side of State Route 63 beginning approximately 375 feet east of the John Allen Drive intersection.
2. Restripe one (1) thermoplastic lane reduction arrow in the outermost lane on State Route 63 westbound located approximately 470 feet east of the John Allen Drive intersection.
3. Restripe existing pavement markings in kind with spray thermoplastic (60 mil) 4" single solid white edgelines, 4" single broken white skip lines, 4" single solid white lane lines, and 4" double solid yellow centerline along State Route 63 from L.M. 6.73 to L.M. 7.25.
4. Install mono-directional snowplowable pavement markers (clear) at eighty (80) foot spacing along the single broken white skip line on State Route 63 westbound from L.M. 6.73 to L.M. 7.25.
5. Install twenty (20) feet of 24" thermoplastic stop line and install a 2" minimum width red retroreflective strip on existing Stop sign post on Scott Drive.
6. Install mono-directional snowplowable pavement markers (clear) at twenty (20) foot spacing along the single solid white turn-lane line on State Route 63 westbound at the intersection with Scott Drive.
7. Restripe one (1) thermoplastic turn lane arrow in right-turn lane on State Route 63 westbound located approximately sixty-five (65) feet east of the Scott Drive intersection.
8. Install white continuous delineation enhancement on 625 feet of existing guardrail along the north side of State Route 63 beginning approximately 250 feet east of the Scott Drive intersection.

0' 200' 400' 600'

N

EXPEDITED PROJECT DELIVERY

STATE ROUTE 63
FROM WEST OF PERKINS ST. L.M. 3.09
TO WEST OF CAMPBELL COUNTY LINE L.M. 13.29
SCOTT COUNTY

Sheet 21 of 34

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 8
S.R. 63
L.M. 6.73 to
L.M. 7.25

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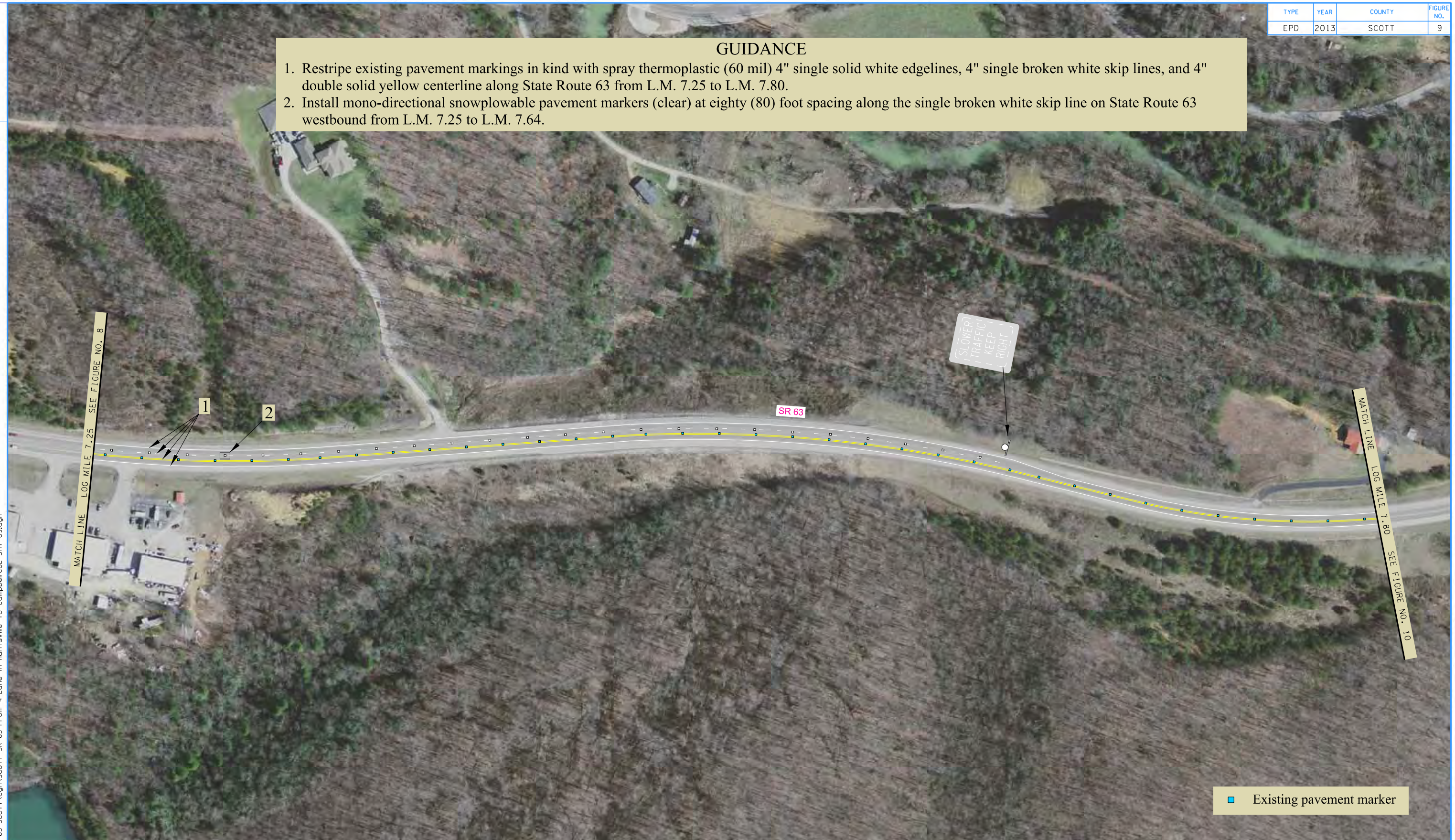
TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	9

TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

GUIDANCE

1. Restripe existing pavement markings in kind with spray thermoplastic (60 mil) 4" single solid white edgelines, 4" single broken white skip lines, and 4" double solid yellow centerline along State Route 63 from L.M. 7.25 to L.M. 7.80.
2. Install mono-directional snowplowable pavement markers (clear) at eighty (80) foot spacing along the single broken white skip line on State Route 63 westbound from L.M. 7.25 to L.M. 7.64.



0′ 200′ 400′ 600′

N

EXPEDITED PROJECT DELIVERY

STATE ROUTE 63
FROM WEST OF PERKINS ST. L.M. 3.09
TO WEST OF CAMPBELL COUNTY LINE L.M. 13.29
SCOTT COUNTY

Sheet 22 of 34

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 9
S.R. 63
L.M. 7.25 to
L.M. 7.80

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TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	10

GUIDANCE

1. Restripe existing pavement markings in kind with spray thermoplastic (60 mil) 4" single solid white edgelines, 4" single broken white skip lines, and 4" double solid yellow centerline along State Route 63 from L.M. 7.80 to L.M. 8.30.
2. Install mono-directional snowplowable pavement markers (clear) at eighty (80) foot spacing along the single broken white skip line on State Route 63 eastbound from L.M. 8.07 to L.M. 8.30.

0′ 200′ 400′ 600′

N

EXPEDITED PROJECT DELIVERY

STATE ROUTE 63
FROM WEST OF PERKINS ST. L.M. 3.09
TO WEST OF CAMPBELL COUNTY LINE L.M. 13.29
SCOTT COUNTY

Sheet 23 of 34

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 10
S.R. 63
L.M. 7.80 to
L.M. 8.30

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TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	11

GUIDANCE

1. Restripe existing pavement markings in kind with spray thermoplastic (60 mil) 4" single solid white edgelines, 4" single broken white skip lines, 4" double solid yellow centerline, and 4" single solid yellow/single broken yellow centerline along State Route 63 from L.M. 8.30 to L.M. 8.83.
2. Restripe two (2) thermoplastic lane reduction arrows in the outermost lane on State Route 63 eastbound located approximately 365 feet west and 265 feet east of the Lowe Road intersection.
3. Install mono-directional snowplowable pavement markers (clear) at eighty (80) foot spacing along the single broken white skip line on State Route 63 eastbound from L.M. 8.30 to L.M. 8.53.
4. Install one (1) Lane Ends (W4-2R) (36"x36") sign on State Route 63 eastbound, located approximately 200 feet east of the Lowe Road intersection.
5. Install white continuous delineation enhancement on 725 feet of existing guardrail along the south side of State Route 63 beginning approximately seventy-five (75) feet east of the Lowe Road intersection.
6. Install one (1) thermoplastic lane reduction arrow in the outermost lane on State Route 63 eastbound located approximately 175 feet west of the Jeffers Road intersection. Install 500 feet of thermoplastic 8" single dotted white transition line.
7. Install two (2) Stop (R1-1) (36"x36") sign on the Fairview Elementary School exit at the intersection with State Route 63. Install a 2" minimum width red retroreflective strip along each sign post. Install twenty-four (24) feet of 24" thermoplastic stop line.
8. Install fifteen (15) feet of 24" thermoplastic stop line and install a 2" minimum width red retroreflective strip on existing Stop sign post on Jeffers Road.
9. Install white continuous delineation enhancement on 200 feet of existing guardrail along the south side of State Route 63 beginning approximately 250 feet east of the Jeffers Road intersection.

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

0' 200' 400' 600'

N

EXPEDITED PROJECT DELIVERY

STATE ROUTE 63
FROM WEST OF PERKINS ST. L.M. 3.09
TO WEST OF CAMPBELL COUNTY LINE L.M. 13.29
SCOTT COUNTY

Sheet 24 of 34

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 11
S.R. 63
L.M. 8.30 to
L.M. 8.83

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TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	12

GUIDANCE

1. Install one (1) No Passing Zone (W14-3) (48"x48"x36") sign on State Route 63 eastbound, facing westbound traffic, located approximately 790 feet west of the Norma Road intersection.
2. Restripe existing pavement markings in kind with spray thermoplastic (60 mil) 4" single solid white edgelines, 4" single yellow broken centerline, 4" single solid yellow/single broken yellow centerline, and 4" double solid yellow centerline along State Route 63 from L.M. 8.83 to L.M. 9.39.
3. Install one (1) No Passing Zone (W14-3) (48"x48"x36") sign on State Route 63 westbound, facing eastbound traffic, located approximately 1,110 feet east of the Norma Road intersection.

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

0' 200' 400' 600'

N

EXPEDITED PROJECT DELIVERY

STATE ROUTE 63
FROM WEST OF PERKINS ST. L.M. 3.09
TO WEST OF CAMPBELL COUNTY LINE L.M. 13.29
SCOTT COUNTY

Sheet 25 of 34

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 12
S.R. 63
L.M. 8.83 to
L.M. 9.39

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TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	13

GUIDANCE

1. Remove and replace one (1) Stop (R1-1) (36"x36") sign on M.L. Chambers Loop at the intersection with State Route 63. Install a 2" minimum width red retroreflective strip along sign post. Install twenty (20) feet of 24" thermoplastic stop line.
2. Remove and replace one (1) Emergency Vehicle (W11-8) (36"x36") sign on State Route 63 eastbound.
3. Install one (1) Lane Ends (W4-2R) (36"x36") sign on State Route 63 westbound, located approximately 980 feet east of the M.L. Chambers Loop intersection.
4. Restripe two (2) thermoplastic lane reduction arrows in the outermost lane on State Route 63 westbound located approximately 925 feet and 1,550 feet east of the M.L. Chambers Loop intersection.
5. Restripe existing pavement markings in kind with spray thermoplastic (60 mil) 4" single solid white edgelines, 4" single broken white skip lines, and 4" double solid yellow centerline along State Route 63 from L.M. 9.39 to L.M. 9.87.
6. Install mono-directional snowplowable pavement markers (clear) at eighty (80) foot spacing along the single broken white skip line on State Route 63 westbound from L.M. 9.49 to L.M. 9.87.

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

0' 200' 400' 600'

N

EXPEDITED PROJECT DELIVERY

STATE ROUTE 63
FROM WEST OF PERKINS ST. L.M. 3.09
TO WEST OF CAMPBELL COUNTY LINE L.M. 13.29
SCOTT COUNTY

Sheet 26 of 34

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 13
S.R. 63
L.M. 9.39 to
L.M. 9.87

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TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	14

TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

GUIDANCE

1. Remove and replace one (1) Stop (R1-1) (36"x36") sign on M.L. Chambers Loop at the intersection with State Route 63. Install a 2" minimum width red retroreflective strip along sign post. Install twenty (20) feet of 24" thermoplastic stop line.
2. Install twenty (20) feet of 24" thermoplastic stop line and install a 2" minimum width red retroreflective strip on existing Stop sign post on Nelson Lane.
3. Install twenty (20) feet of 24" thermoplastic stop line and install a 2" minimum width red retroreflective strip on existing Stop sign post on Anderson Hollow Road.
4. Restripe existing pavement markings in kind with spray thermoplastic (60 mil) 4" single solid white edgelines, 4" double solid yellow centerline, and 4" single solid yellow/single broken yellow centerline along State Route 63 from L.M. 9.87 to L.M. 10.20.
5. Restripe the existing edgelines and centerline with spray thermoplastic (60 mil) 4" single solid white edgelines and 4" double solid yellow centerline on State Route 63 from L.M. L.M. 10.20 to L.M. 10.42.

0' 200' 400' 600'

N

EXPEDITED PROJECT DELIVERY

STATE ROUTE 63
FROM WEST OF PERKINS ST. L.M. 3.09
TO WEST OF CAMPBELL COUNTY LINE L.M. 13.29
SCOTT COUNTY

Sheet 27 of 34

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 14
S.R. 63
L.M. 9.87 to
L.M. 10.42

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TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	15

GUIDANCE

1. Restripe the existing edgelines and centerline with spray thermoplastic (60 mil) 4" single solid white edgelines and 4" double solid yellow centerline on State Route 63 from L.M. L.M. 10.42 to L.M. 10.93.
2. Install one (1) Stop (R1-1) (36"x36") sign on Anderson Hollow Road at the intersection with State Route 63. Install a 2" minimum width red retroreflective strip along sign post. Install twenty (20) feet of 24" thermoplastic stop line.

0' 200' 400' 600'

N

EXPEDITED PROJECT DELIVERY

STATE ROUTE 63
FROM WEST OF PERKINS ST. L.M. 3.09
TO WEST OF CAMPBELL COUNTY LINE L.M. 13.29
SCOTT COUNTY

Sheet 28 of 34

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 15
S.R. 63
L.M. 10.42 to
L.M. 10.93

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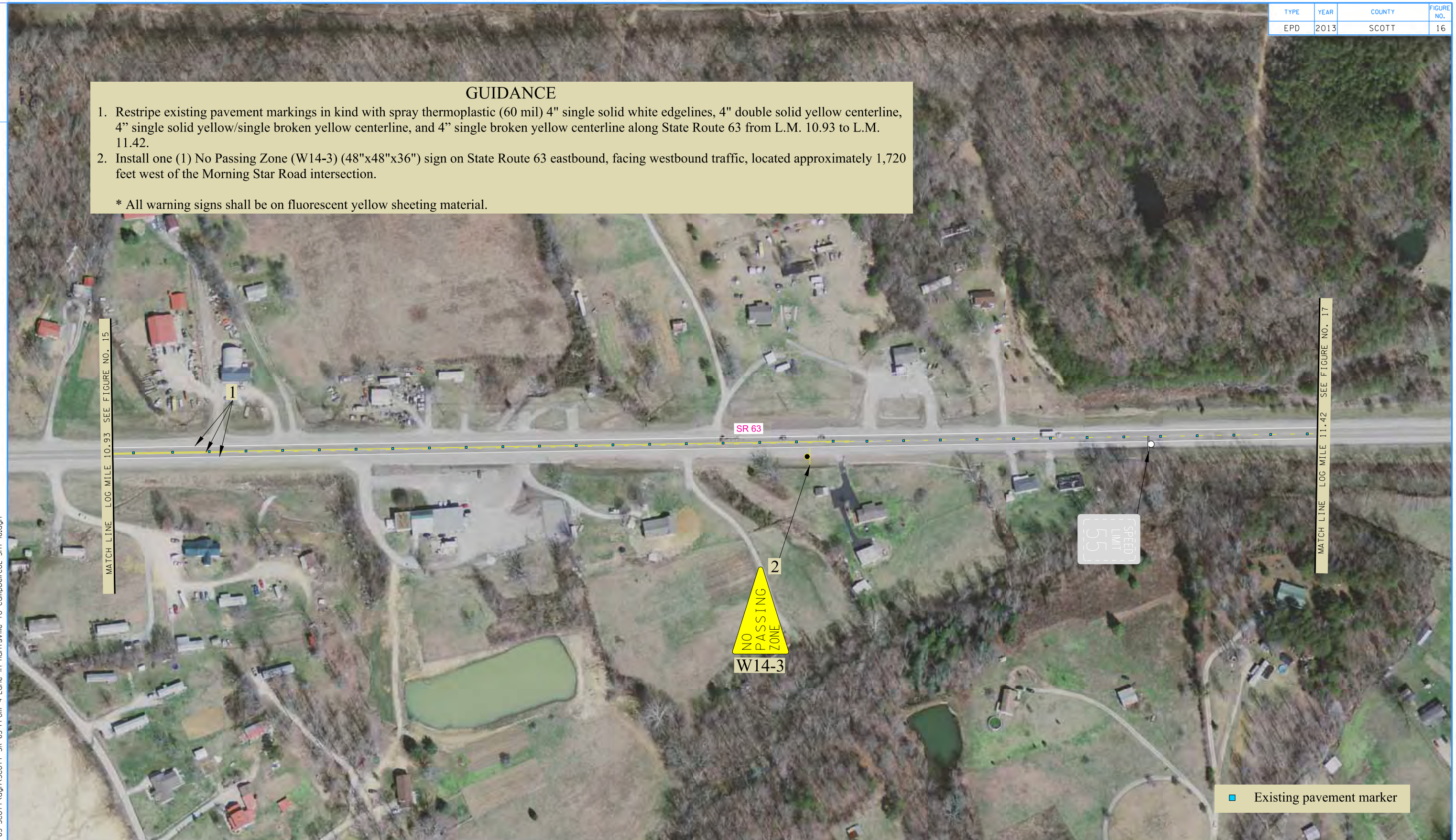
TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	16

GUIDANCE

1. Restripe existing pavement markings in kind with spray thermoplastic (60 mil) 4" single solid white edgelines, 4" double solid yellow centerline, 4" single solid yellow/single broken yellow centerline, and 4" single broken yellow centerline along State Route 63 from L.M. 10.93 to L.M. 11.42.
2. Install one (1) No Passing Zone (W14-3) (48"x48"x36") sign on State Route 63 eastbound, facing westbound traffic, located approximately 1,720 feet west of the Morning Star Road intersection.

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



0′ 200′ 400′ 600′

N

EXPEDITED PROJECT DELIVERY

STATE ROUTE 63
FROM WEST OF PERKINS ST. L.M. 3.09
TO WEST OF CAMPBELL COUNTY LINE L.M. 13.29
SCOTT COUNTY

Sheet 29 of 34

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 16
S.R. 63
L.M. 10.93 to
L.M. 11.42

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TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	17

GUIDANCE

1. Remove and replace one (1) Stop (R1-1) (36"x36") sign on Morning Star Road at the intersection with State Route 63. Install a 2" minimum width red retroreflective strip along sign post. Install twenty (20) feet of 24" thermoplastic stop line.
2. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4" single solid white edgelines and 4" single broken yellow centerline on State Route 63 from L.M. 11.42 to L.M. 11.55.
3. Restripe existing pavement markings with spray thermoplastic (60 mil) 4" single solid white edgelines and 4" single solid yellow/single broken yellow centerline along State Route 63 from L.M. 11.55 to L.M. 11.92.

0' 200' 400' 600'

N

EXPEDITED PROJECT DELIVERY

STATE ROUTE 63
FROM WEST OF PERKINS ST. L.M. 3.09
TO WEST OF CAMPBELL COUNTY LINE L.M. 13.29
SCOTT COUNTY

Sheet 30 of 34

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 17
S.R. 63
L.M. 11.42 to
L.M. 11.92

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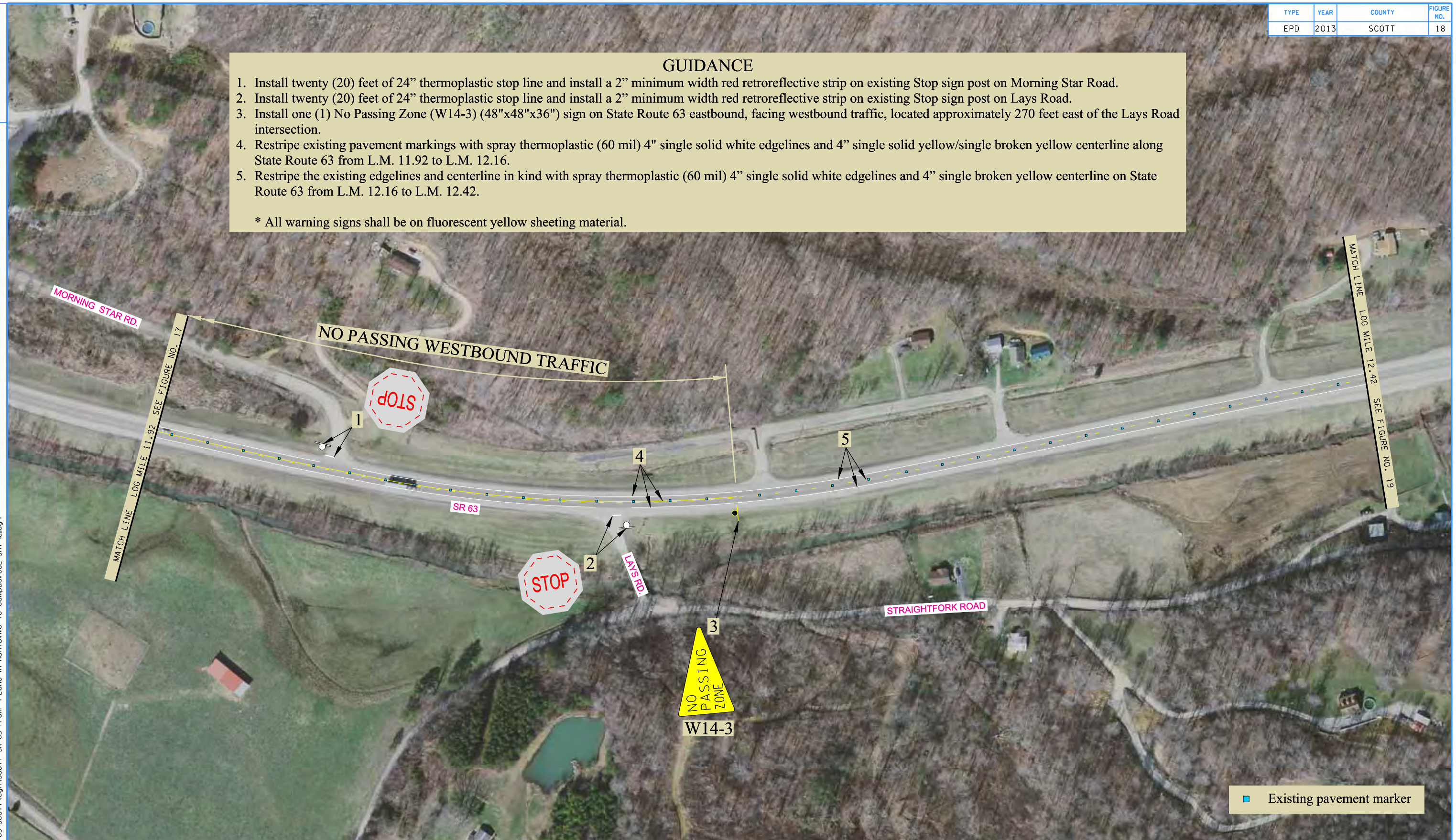
TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	18

TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

GUIDANCE

1. Install twenty (20) feet of 24" thermoplastic stop line and install a 2" minimum width red retroreflective strip on existing Stop sign post on Morning Star Road.
2. Install twenty (20) feet of 24" thermoplastic stop line and install a 2" minimum width red retroreflective strip on existing Stop sign post on Lays Road.
3. Install one (1) No Passing Zone (W14-3) (48"x48"x36") sign on State Route 63 eastbound, facing westbound traffic, located approximately 270 feet east of the Lays Road intersection.
4. Restripe existing pavement markings with spray thermoplastic (60 mil) 4" single solid white edgelines and 4" single solid yellow/single broken yellow centerline along State Route 63 from L.M. 11.92 to L.M. 12.16.
5. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4" single solid white edgelines and 4" single broken yellow centerline on State Route 63 from L.M. 12.16 to L.M. 12.42.

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



0' 200' 400' 600'

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EXPEDITED PROJECT DELIVERY

STATE ROUTE 63
FROM WEST OF PERKINS ST. L.M. 3.09
TO WEST OF CAMPBELL COUNTY LINE L.M. 13.29
SCOTT COUNTY

Sheet 31 of 34

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 18
S.R. 63
L.M. 11.92 to
L.M. 12.42

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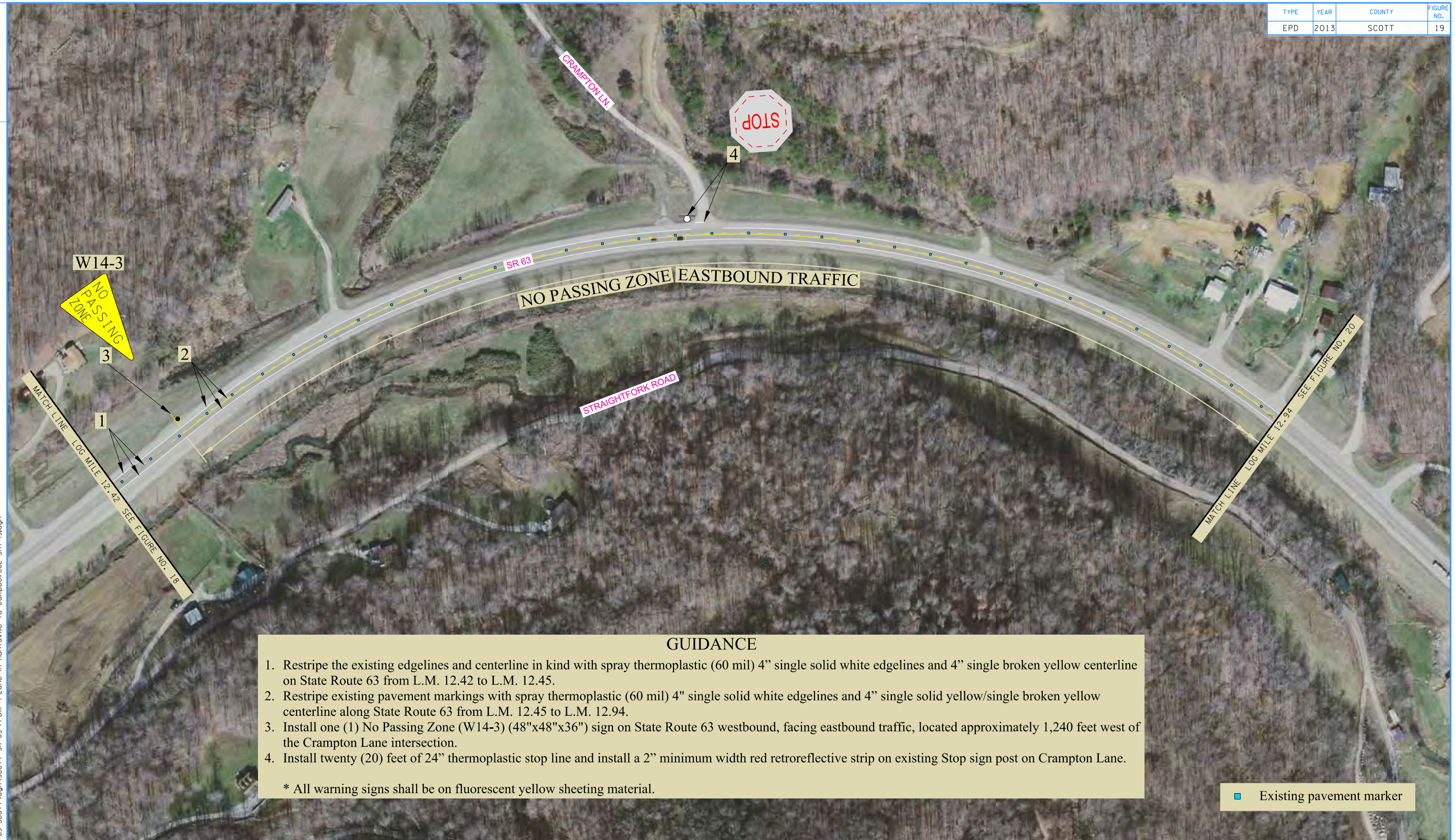
TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	19

TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.



GUIDANCE

1. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4” single solid white edgelines and 4” single broken yellow centerline on State Route 63 from L.M. 12.42 to L.M. 12.45.
2. Restripe existing pavement markings with spray thermoplastic (60 mil) 4" single solid white edgelines and 4” single solid yellow/single broken yellow centerline along State Route 63 from L.M. 12.45 to L.M. 12.94.
3. Install one (1) No Passing Zone (W14-3) (48"x48"x36") sign on State Route 63 westbound, facing eastbound traffic, located approximately 1,240 feet west of the Crampton Lane intersection.
4. Install twenty (20) feet of 24” thermoplastic stop line and install a 2” minimum width red retroreflective strip on existing Stop sign post on Crampton Lane.

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

0′ 200′ 400′ 600′

N

EXPEDITED PROJECT DELIVERY

STATE ROUTE 63
FROM WEST OF PERKINS ST. L.M. 3.09
TO WEST OF CAMPBELL COUNTY LINE L.M. 13.29
SCOTT COUNTY

Sheet 32 of 34

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 19
S.R. 63
L.M. 12.42 to
L.M. 12.94

12/4/2014 9:43:17 AM
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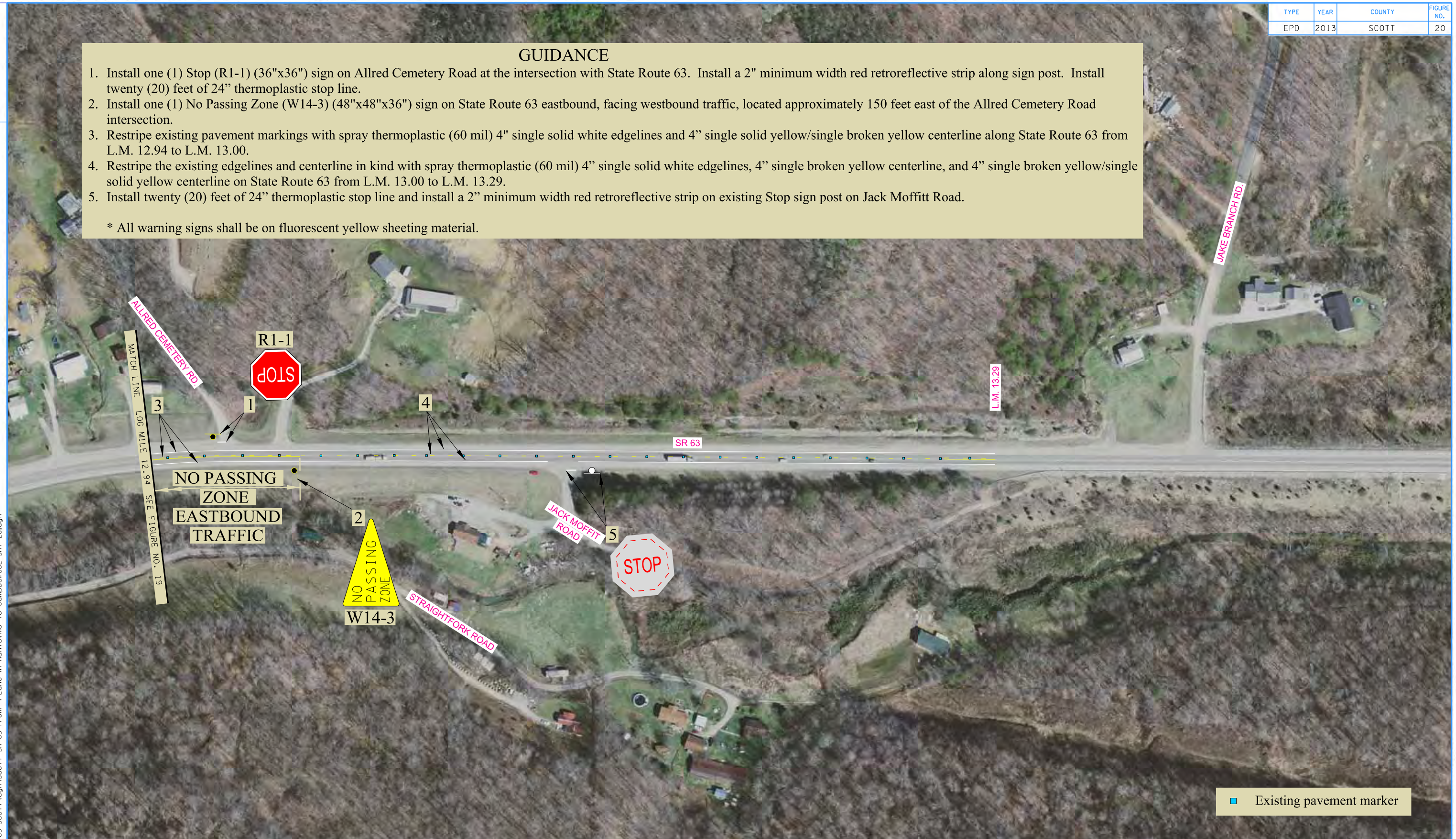
TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	20

GUIDANCE

1. Install one (1) Stop (R1-1) (36"x36") sign on Allred Cemetery Road at the intersection with State Route 63. Install a 2" minimum width red retroreflective strip along sign post. Install twenty (20) feet of 24" thermoplastic stop line.
2. Install one (1) No Passing Zone (W14-3) (48"x48"x36") sign on State Route 63 eastbound, facing westbound traffic, located approximately 150 feet east of the Allred Cemetery Road intersection.
3. Restripe existing pavement markings with spray thermoplastic (60 mil) 4" single solid white edgelines and 4" single solid yellow/single broken yellow centerline along State Route 63 from L.M. 12.94 to L.M. 13.00.
4. Restripe the existing edgelines and centerline in kind with spray thermoplastic (60 mil) 4" single solid white edgelines, 4" single broken yellow centerline, and 4" single broken yellow/single solid yellow centerline on State Route 63 from L.M. 13.00 to L.M. 13.29.
5. Install twenty (20) feet of 24" thermoplastic stop line and install a 2" minimum width red retroreflective strip on existing Stop sign post on Jack Moffitt Road.

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



0′ 200′ 400′ 600′

N

EXPEDITED PROJECT DELIVERY

STATE ROUTE 63
FROM WEST OF PERKINS ST. L.M. 3.09
TO WEST OF CAMPBELL COUNTY LINE L.M. 13.29
SCOTT COUNTY

Sheet 33 of 34

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 20
S.R. 63
L.M. 12.94 to
L.M. 13.29

12/4/2014 9:45:14 AM
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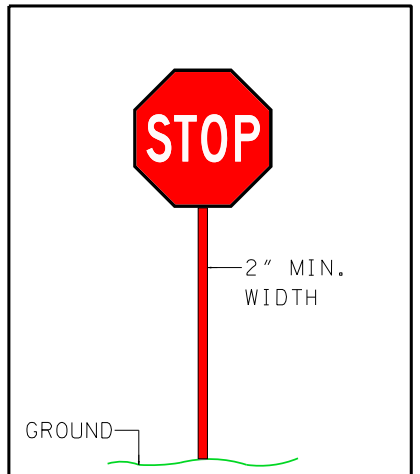
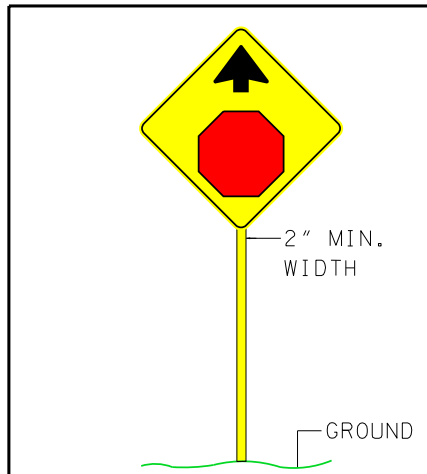
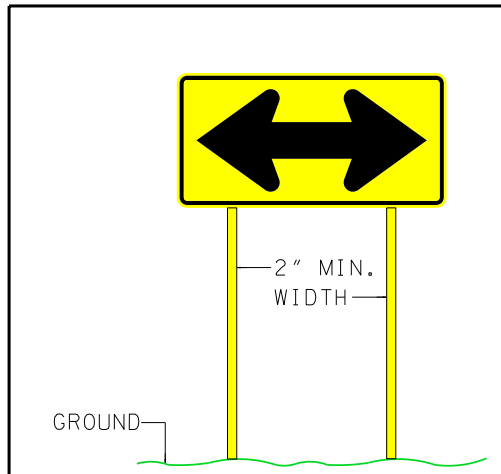
TYPE	YEAR	COUNTY	FIGURE NO.
EPD	2013	SCOTT	21



RETROREFLECTIVE STRIP ON
STOP (R1-1) SIGN POST
(RED)



RETROREFLECTIVE STRIP ON
STOP AHEAD (W3-1) SIGN POST
(FLUORESCENT YELLOW)



RETROREFLECTIVE STRIPS ON TWO-DIRECTION
LARGE ARROW (W1-7) SIGN POSTS
(FLUORESCENT YELLOW)

TENNESSEE D.O.T.
PROJECT PLANNING DIVISION
FILE NO.

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EXPEDITED PROJECT DELIVERY
STATE ROUTE 63
FROM WEST OF PERKINS ST. L.M. 3.09
TO WEST OF CAMPBELL COUNTY LINE L.M. 13.29
SCOTT COUNTY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROJECT PLANNING DIVISION

FIGURE 21
DETAILS PAGE