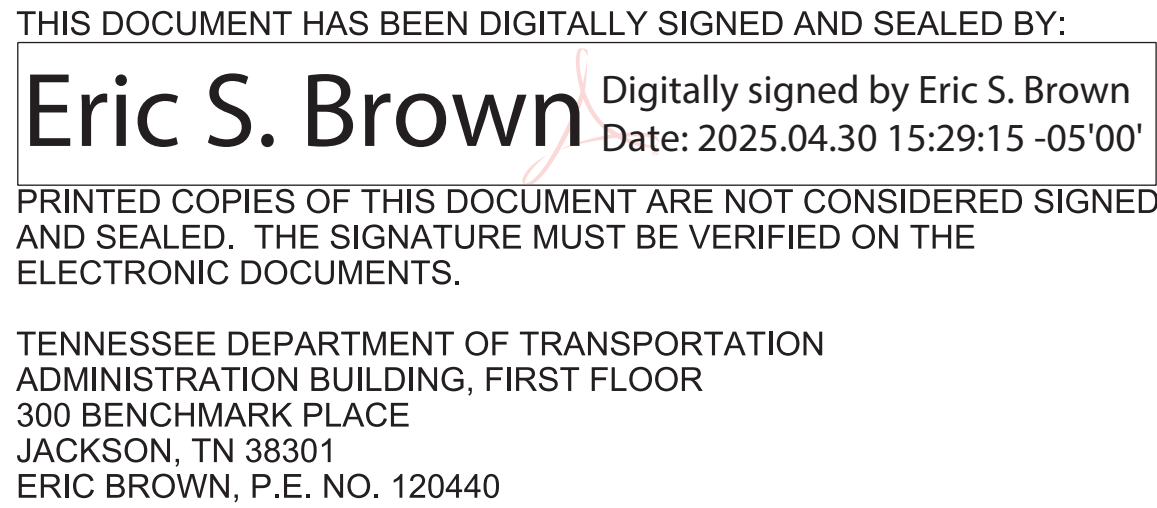




THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE OF TENN. CODE ANN. §62-2-306.

| SHEET NAME                                        | SHEET NO.     |
|---------------------------------------------------|---------------|
| SIGNATURE SHEET .....                             | ROADWAY-SIGN2 |
| ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS ..... | 1A            |
| TABULATED QUANTITIES .....                        | 2F            |

| YEAR | PROJECT NO.     | SHEET NO.     |
|------|-----------------|---------------|
| 2025 | STP/HSIP-54(52) | ROADWAY-SIGN2 |
|      |                 |               |
|      |                 |               |
|      |                 |               |

REV. 04/30/25 : ADDED THIS SHEET.

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

SIGNATURE  
SHEET

30-APR-2025 13:57  
\\TDOT04NAS002.tdot.state.tn.us\04Shared\Design\DESIGN\RESURF REG4 PROJ\TIPTON\SR 54\L.M. 0.00 - 9.77 (PIN 123948.00)\1A - ROADWAY INDEX AND STD. DRAWINGS.dgn

ROADWAY INDEX

| SHEET NAME                                            | SHEET NO.                        |
|-------------------------------------------------------|----------------------------------|
| SIGNATURE SHEETS.....                                 | ROADWAY-SIGN1 &<br>ROADWAY-SIGN2 |
| TITLE SHEET .....                                     | 1                                |
| ROADWAY INDEX AND STANDARD ROADWY DRAWINGS .....      | 1A                               |
| PROJECT COMMITMENTS.....                              | 1B                               |
| ESTIMATED ROADWAY QUANTITIES.....                     | 2                                |
| TYPICAL SECTIONS AND PAVEMENT SCHEDULE .....          | 2B                               |
| GENERAL NOTES.....                                    | 2C                               |
| SPECIAL NOTES.....                                    | 2D                               |
| ENVIRONMENTAL NOTES.....                              | 2E, 2E1                          |
| TABULATED QUANTITIES .....                            | 2F                               |
| UTILITY NOTES AND UTILITY OWNERS.....                 | 3                                |
| PAVEMENT EDGE DROP-OFF NOTES FOR TRAFFIC CONTROL..... | 4                                |
| BRIDGE REPAIR PLANS .....                             | B-1                              |

STANDARD ROADWAY DRAWINGS

| DWG.                         | REV.     | DESCRIPTION                                                                               |
|------------------------------|----------|-------------------------------------------------------------------------------------------|
| ROADWAY DESIGN STANDARDS     |          |                                                                                           |
| RD-A-1                       | 02-20-20 | STANDARD ABBREVIATIONS A THROUGH L                                                        |
| RD-A-2                       |          | STANDARD ABBREVIATIONS M THROUGH Z                                                        |
| RD-L-1                       | 02-20-20 | STANDARD LEGEND                                                                           |
| RD-L-1A                      |          | STANDARD LEGEND                                                                           |
| SAFETY DESIGN AND GUARDRAILS |          |                                                                                           |
| S-GRS-4                      | 05-04-22 | SPECIAL CASE GUARDRAIL HEIGHT TRANSITION DETAIL                                           |
| S-GRT-2                      | 06-28-19 | TYPE 38 GUARDRAIL END TERMINAL                                                            |
| S-GRT-2R                     | 06-28-19 | EARTH PAD FOR TYPE 38 AND TYPE 21 TERMINAL (RETROFIT)                                     |
| S-GRT-3                      | 06-28-19 | TYPE 21 GUARDRAIL END TERMINAL                                                            |
| S-GRA-4                      | 03-01-23 | IN-LINE GUARDRAIL ANCHOR TO PRIVATE DRIVE                                                 |
| S-GR28-7M                    | 06-28-19 | GUARDRAIL ATTACHMENT TO BRIDGE END DETAILS MAINTENANCE ONLY                               |
| DESIGN - TRAFFIC CONTROL     |          |                                                                                           |
| T-M-1                        | 06-28-19 | DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS             |
| T-M-2                        | 01-09-24 | DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS                                       |
| T-M-3                        | 07-07-23 | MARKING STANDARDS FOR TRAFFIC ISLANDS, PAVED SHOULDERS AND MEDIANS FOR CONVENTIONAL ROADS |
| T-M-4                        | 07-17-20 | STANDARD INTERSECTION PAVEMENT MARKINGS                                                   |
| T-M-16                       | 07-30-24 | RUMBLE STRIP INSTALLATION LAYOUT                                                          |
| T-M-16A                      | 02-03-20 | RUMBLE STRIP DETAILS FOR EDGE OF PAVEMENT AND CENTERLINE                                  |
| T-WZ-10                      | 04-02-12 | ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS                                        |

STANDARD TRAFFIC OPS. DRAWINGS

| DWG.              | REV.     | DESCRIPTION                                                                                           |
|-------------------|----------|-------------------------------------------------------------------------------------------------------|
| RAILROAD CROSSING |          |                                                                                                       |
| T-RR-1            | 11-01-11 | TYPICAL PAVEMENT MARKING AT RAILROAD ACTIVE HIGHWAY GRADE CROSSINGS AND RAILROAD ADVANCE WARNING SIGN |
| T-RR-6            | 10-25-13 | TYPICAL SIGNING AND MARKING AT PASSIVE RAILROAD HIGHWAY GRADE CROSSINGS                               |

| TYPE    | YEAR | PROJECT NO.     | SHEET NO. |
|---------|------|-----------------|-----------|
| RESURF. | 2025 | STP/HSIP-54(52) | 1A        |
|         |      |                 |           |
|         |      |                 |           |

REV. 04/30/25: ADDED ROADWAY-SIGN2 TO INDEX.

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DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX  
AND  
STANDARD  
ROADWAY  
DRAWINGS

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| RAILROAD ITEMS TABULATED QUANTITIES |          |       |           |            |                                                                |                        |      |                                                            |                                   |                              |                                 |                                                                   |                        |                                               |                                         |
|-------------------------------------|----------|-------|-----------|------------|----------------------------------------------------------------|------------------------|------|------------------------------------------------------------|-----------------------------------|------------------------------|---------------------------------|-------------------------------------------------------------------|------------------------|-----------------------------------------------|-----------------------------------------|
|                                     |          |       |           |            | SIGN POST<br>DELINEATION<br>ENHANCEMENT<br>713-02.21<br>(L.F.) |                        |      | RAILROAD ADVANCE<br>WARNING SIGN AND<br>SUPPORT<br>(W10-1) | TN STATE<br>ROUTE<br>54<br>(M1-1) | JUNCTION<br>PLAQUE<br>(M2-1) | STOP<br>AHEAD<br>SIGN<br>(W3-1) | HIGHWAY-RAIL GRADE<br>CROSSING ADVANCE<br>WARNING SIGN<br>(W10-4) | STOP<br>SIGN<br>(R1-1) | PLASTIC<br>PAVEMENT<br>MARKING<br>(STOP LINE) | PLASTIC<br>PAVEMENT<br>MARKING<br>(RXR) |
|                                     |          |       |           |            |                                                                |                        |      |                                                            |                                   |                              |                                 |                                                                   |                        |                                               |                                         |
|                                     |          |       |           |            | ROAD NAME                                                      | RAILROAD<br>CROSSING # | L.M. | COORDINATES                                                |                                   | (YELLOW)                     | (WHITE)                         | (RED)                                                             | 713-16.09<br>(EACH)    | 713-16.21<br>(EACH)                           | 713-16.22<br>(EACH)                     |
| LAT.                                | LONG.    |       |           |            |                                                                |                        |      |                                                            |                                   |                              |                                 |                                                                   |                        |                                               |                                         |
| E. LIBERTY AVE. (SR054)             | #297452G | 0.660 | 35.564431 | -89.639116 | 15                                                             | 3                      | 3    | 2                                                          | 1                                 | 1                            | 2                               | -                                                                 | 1                      | 22                                            | 2                                       |
| MENEFEE ST                          | N/A      | 0.640 | N/A       | N/A        | -                                                              | -                      | -    | -                                                          | -                                 | -                            | -                               | 1                                                                 | 1                      | 11                                            | -                                       |
| TOTALS                              |          |       |           |            | 21                                                             |                        |      | 2                                                          | 1                                 | 1                            | 2                               | 1                                                                 | 2                      | 33                                            | 2                                       |

| TYPE    | YEAR | PROJECT NO.     | SHEET NO. |
|---------|------|-----------------|-----------|
| RESURF. | 2025 | STP/HSIP-54(52) | 2F        |
|         |      |                 |           |
|         |      |                 |           |

REV: 04/30/25: REVISED RAILROAD CROSSING NUMBERS IN THE RAILROAD TABLE.

| GUARDRAIL TABULATION |      |   |                                |                                           |                                              |                                         |                                               |                                                   |                      |                     |                                                          |               |  |
|----------------------|------|---|--------------------------------|-------------------------------------------|----------------------------------------------|-----------------------------------------|-----------------------------------------------|---------------------------------------------------|----------------------|---------------------|----------------------------------------------------------|---------------|--|
| LOG MILE             | SIDE |   | GUARDRAIL<br>AT BRIDGE<br>ENDS | GUARDRAIL<br>TRANSITION<br>27 IN TO 31 IN | EARTH PAD<br>FOR GUARD RAIL<br>END TREATMENT | GR TERMINAL<br>(IN-INLINE)<br>MASH TL-3 | TANGENT ENERGY<br>ABSORBING TERM<br>MASH-TL-3 | GR TERMINAL<br>(ENERGY<br>ABSORBING)<br>MASH TL-2 | GUARDRAIL<br>REMOVED | RADIUS<br>RAIL      | DRILL BRIDGE<br>PARAPET WALL<br>FOR MICHIGAN<br>END SHOE | REMARKS       |  |
|                      |      |   | 705-01.01<br>(L.F.)            | 705-02.10<br>(EACH)                       | 705-04.10<br>(EACH)                          | 705-06.11<br>(EACH)                     | 705-06.20<br>(EACH)                           | 705-06.30<br>(EACH)                               | 706-01<br>(L.F.)     | 706-06.03<br>(L.F.) | 706-10.83<br>EACH                                        |               |  |
| 0.868                | X    | X | -                              | 2                                         | 2                                            | -                                       | -                                             | 2                                                 | 100                  | -                   | -                                                        |               |  |
| 0.905                | X    | X | -                              | 2                                         | 2                                            | -                                       | -                                             | 2                                                 | 100                  | -                   | -                                                        |               |  |
| 3.779                |      | X | -                              | 1                                         | -                                            | -                                       | 1                                             | -                                                 | 50                   | -                   | -                                                        |               |  |
| 3.834                | X    | X | -                              | 2                                         | -                                            | -                                       | 2                                             | -                                                 | 100                  | -                   | -                                                        |               |  |
| 6.447                | X    | X | 54.0                           | -                                         | 2                                            | -                                       | 2                                             | -                                                 | -                    | -                   | 2                                                        | SEE S-GR28-7M |  |
| 6.452                | X    |   | -                              | -                                         | -                                            | 1                                       | -                                             | -                                                 | -                    | 12.5                | 1                                                        | SEE S-GR28-7M |  |
| 6.452                |      | X | 27.0                           | -                                         | 1                                            | -                                       | 1                                             | -                                                 | -                    | -                   | 1                                                        | SEE S-GR28-7M |  |
| 8.082                | X    | X | 54.0                           | -                                         | 2                                            | -                                       | 2                                             | -                                                 | -                    | -                   | 2                                                        | SEE S-GR28-7M |  |
| 8.117                | X    | X | 54.0                           | -                                         | 2                                            | -                                       | 2                                             | -                                                 | -                    | -                   | 2                                                        | SEE S-GR28-7M |  |
| 9.110                | X    | X | 54.0                           | -                                         | 2                                            | -                                       | 2                                             | -                                                 | -                    | -                   | 2                                                        | SEE S-GR28-7M |  |
| 9.130                | X    | X | 54.0                           | -                                         | 2                                            | -                                       | 2                                             | -                                                 | -                    | -                   | 2                                                        | SEE S-GR28-7M |  |
| 9.350                | X    | X | 54.0                           | -                                         | 2                                            | -                                       | 2                                             | -                                                 | -                    | -                   | 2                                                        | SEE S-GR28-7M |  |
| 9.420                | X    | X | 54.0                           | -                                         | 2                                            | -                                       | 2                                             | -                                                 | -                    | -                   | 2                                                        | SEE S-GR28-7M |  |
| 9.575                | X    | X | -                              | 2                                         | -                                            | -                                       | 2                                             | -                                                 | 100                  | -                   | -                                                        |               |  |
| TOTALS               |      |   | 405                            | 9                                         | 19                                           | 1                                       | 20                                            | 4                                                 | 450                  | 12.5                | 16                                                       |               |  |

| SIGNS (CONSTRUCTION) 712-06 |        |                       |                   |                              |
|-----------------------------|--------|-----------------------|-------------------|------------------------------|
| QTY                         | MUTCD  | DESCRIPTION           | SIZE<br>(IN X IN) | ITEM NO.<br>712-06<br>(S.F.) |
| 2                           | G20-1  | ROAD WORK NEXT 10 MI. | 48 X 24           | 16                           |
| 47                          | G20-2  | END ROAD WORK         | 48 X 24           | 376                          |
| 7                           | W8-11  | UNEVEN LANES          | 48 X 48           | 112                          |
| 47                          | W20-1  | ROAD WORK AHEAD       | 48 X 48           | 752                          |
| 1                           | W20-1  | ROAD WORK 1 MILE      | 48 X 48           | 16                           |
| 2                           | W20-1  | ROAD WORK 1/2 MILE    | 48 X 48           | 32                           |
| 2                           | W20-1  | ROAD WORK 1000'       | 48 X 48           | 32                           |
| 2                           | W20-7  | ADVANCE FLAGGER       | 48 X 48           | 32                           |
| 2                           | W20-7a | ADVANCE FLAGGER       | 48 X 48           | 32                           |
| 2                           | W21-2  | FRESH OIL             | 48 X 48           | 32                           |
| 7                           | W8-15  | GROOVED PAVEMENT      | 48 X 48           | 112                          |
| 7                           | W8-15P | MOTORCYCLE (PLAQUE)   | 30 X 24           | 35                           |
| 2                           | W5-3   | ONE LANE BRIDGE       | 48 X 48           | 32                           |
| TOTAL                       |        |                       |                   | 1611                         |

THIS CONSTRUCTION SIGNING IS TO BE AS A MINIMUM. OTHER SIGNS AS DIRECTED BY THE ENGINEER MAY BE REQUIRED DURING DIFFERENT PHASES.

| 611-09.04 - CATCHBASIN RETROFIT TABULATION |             |    |    |                                 |                                                      |
|--------------------------------------------|-------------|----|----|---------------------------------|------------------------------------------------------|
| L.M.                                       | STREET NAME | LT | RT | GRATE<br>DIMENSION<br>(IN X IN) | REMARKS                                              |
| 0.286                                      | SR-54 NB    | X  |    | 30 X 30                         | CURB INLET - RAISE GRATE HEIGHT AND REPLACE GRATE.   |
| 0.290                                      | SR-54 NB    | X  |    | 25 X 25                         | AREA DRAIN - REPLACE GRATE.                          |
| 0.293                                      | SR-54 NB    |    | X  | 25 X 25                         | AREA DRAIN - REPLACE GRATE - LOCATED ON S. MAPLE ST. |
| 0.347                                      | SR-54 NB    |    | X  | 30 X 30                         | REPLACE GRATE                                        |
| 0.385                                      | SR-54 NB    |    | X  | 24 X 60                         | REPLACE SINGLE GRATE (24" X 30")                     |
| 0.562                                      | SR-54 NB    | X  |    | 25 X 25                         | REPLACE GRATE, LOCATED ON UNION ST.                  |
| 0.587                                      | SR-54 NB    | X  |    | 24 X 60                         | REPLACE BOTH GRATES (24" X 30")                      |
| 0.587                                      | SR-54 NB    |    | X  | 24 X 60                         | REPLACE SINGLE GRATE (24" X 30")                     |
| 0.000                                      | SR-54 SB    | X  |    | UNKNOWN                         | REPLACE BOTH GRATES                                  |
| 0.092                                      | SR-54 SB    | X  |    | UNKNOWN                         | REPLACE GRATE                                        |
| 0.138                                      | SR-54 SB    | X  |    | 24 X 48                         | REPLACE GRATE                                        |
| 0.174                                      | SR-54 SB    | X  |    | 26 X 26                         | REPLACE GRATE - LOCATED ON S. MUNFORD ST.            |
| 0.183                                      | SR-54 SB    | X  |    | 26 X26                          | REPLACE GRATE - LOCATED ON S. MUNFORD ST.            |
| 0.223                                      | SR-54 SB    |    | X  | 24 X 48                         | REPLACE GRATE                                        |
| 0.227                                      | SR-54 SB    | X  |    | 26 X26                          | REPLACE GRATE                                        |

| REMOVAL OF SIGNS, POSTS AND FOOTINGS (ITEM 713-15) |                                                |                                          |                                 |
|----------------------------------------------------|------------------------------------------------|------------------------------------------|---------------------------------|
| ROAD NAME                                          | RAILROAD<br>ADVANCE<br>WARNING SIGN<br>(W10-1) | ROUTE JUCTION<br>SIGN ASSEMBLY<br>(M1-5) | STOP<br>AHEAD<br>SIGN<br>(W3-1) |
| E. LIBERTY ST.                                     | 2                                              | 1                                        | 1                               |

SEALED BY



Eric S. Brown  
04/30/2025

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

TABULATED  
QUANTITIES