

DESIGN DESIGNATION

A.A.D.T. - 2026 = VARIES

A.A.D.T. - 2036 = VARIES

V = 55 & 60 M.P.H.

FUNCTIONAL CLASSIFICATION- MAJOR & MINOR COLLECTOR

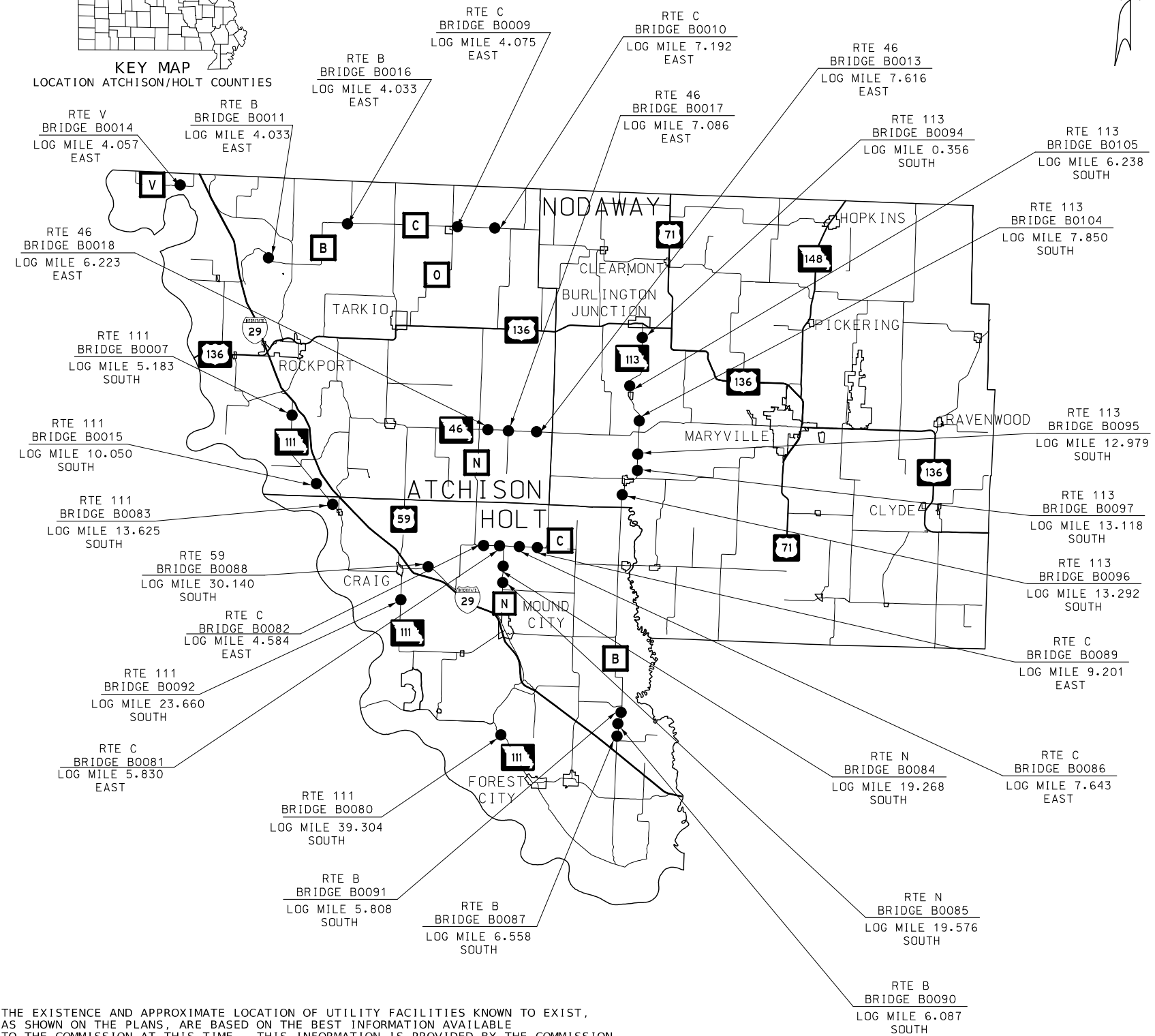
NO RIGHT OF WAY ACQUISITION

CONVENTIONAL SYMBOLS  
(USED IN PLANS)

|                              | EXISTING | NEW   |
|------------------------------|----------|-------|
| BUILDINGS AND STRUCTURES     |          |       |
| GUARD RAIL                   |          |       |
| GUARD CABLE                  |          |       |
| CONCRETE RIGHT-OF-WAY MARKER |          |       |
| STEEL RIGHT-OF-WAY MARKER    |          |       |
| LOCATION SURVEY MARKER       |          |       |
| UTILITIES                    |          |       |
| FIBER OPTICS                 | -FO-     | -FO-  |
| OVERHEAD CABLE TV            | -OTV-    | -OTV- |
| UNDERGROUND CABLE TV         | -UTV-    | -UTV- |
| OVERHEAD TELEPHONE           | -OT-     | -OT-  |
| UNDERGROUND TELEPHONE        | -UT-     | -UT-  |
| OVERHEAD POWER               | -OE-     | -OE-  |
| UNDERGROUND POWER            | -UE-     | -UE-  |
| SANITARY SEWER               | -S-      | -S-   |
| STORM SEWER                  | -SS-     | -SS-  |
| GAS                          | -G-      | -G-   |
| WATER                        | -W-      | -W-   |
| MANHOLE                      |          |       |
| FIRE HYDRANT                 |          |       |
| WATER VALVE                  |          |       |
| WATER METER                  |          |       |
| DROP INLET                   |          |       |
| DITCH BLOCK                  |          |       |
| GROUND MOUNTED SIGN          |          |       |
| LIGHT POLE                   |          |       |
| H-FRAME POWER POLE           |          |       |
| TELEPHONE PEDESTAL           |          |       |
| FENCE                        |          |       |
| CHAIN LINK                   |          |       |
| WOVEN WIRE                   |          |       |
| GATE POST                    |          |       |
| BENCHMARK                    |          |       |

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
PLANS FOR PROPOSED  
STATE HIGHWAY  
ATCHISON/HOLT/NODAWAY COUNTIES



THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

BRIDGE REHABILITATION  
LEGEND

● BRIDGES INCLUDED



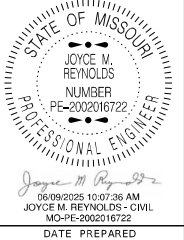
INDEX OF SHEETS

| DESCRIPTION                       | SHEET NUMBER |
|-----------------------------------|--------------|
| TITLE SHEET -----                 | 1            |
| TYPICAL SECTIONS (TS) (1 SHEET)-- | 2            |
| QUANTITIES (QU) (2 SHEETS)-----   | 3            |
| SPECIAL SHEETS (SS)-----          | 4-5          |
| TRAFFIC CONTROL SHEETS (TC)-----  | 6            |
| BRIDGE DRAWINGS (B)               |              |
| VARIOUS-----                      | 1-2          |

LENGTH OF PROJECT

|                   |            |
|-------------------|------------|
| BRIDGE B0007..... | 100.00 FT. |
| BRIDGE B0009..... | 180.00 FT. |
| BRIDGE B0010..... | 230.30 FT. |
| BRIDGE B0011..... | 297.00 FT. |
| BRIDGE B0013..... | 150.00 FT. |
| BRIDGE B0014..... | 155.00 FT. |
| BRIDGE B0015..... | 110.00 FT. |
| BRIDGE B0016..... | 155.00 FT. |
| BRIDGE B0017..... | 140.00 FT. |
| BRIDGE B0018..... | 176.00 FT. |
| BRIDGE B0080..... | 130.00 FT. |
| BRIDGE B0081..... | 180.00 FT. |
| BRIDGE B0082..... | 130.00 FT. |
| BRIDGE B0083..... | 100.00 FT. |
| BRIDGE B0084..... | 173.00 FT. |
| BRIDGE B0085..... | 147.00 FT. |
| BRIDGE B0086..... | 220.00 FT. |
| BRIDGE B0087..... | 135.00 FT. |
| BRIDGE B0088..... | 279.00 FT. |
| BRIDGE B0089..... | 135.00 FT. |
| BRIDGE B0090..... | 156.00 FT. |
| BRIDGE B0091..... | 162.00 FT. |
| BRIDGE B0092..... | 125.00 FT. |
| BRIDGE B0094..... | 156.00 FT. |
| BRIDGE B0095..... | 185.00 FT. |
| BRIDGE B0096..... | 204.00 FT. |
| BRIDGE B0097..... | 292.00 FT. |
| BRIDGE B0104..... | 160.60 FT. |
| BRIDGE B0105..... | 135.00 FT. |

|                                                   |             |
|---------------------------------------------------|-------------|
| NET LENGTH OF PROJECT                             | 4897 FEET   |
| STATE LENGTH                                      | 0.927 MILES |
| FOR INFORMATION ONLY<br>ESTIMATED DISTURBED ACRES | 0.24 ACRES  |



|               |          |
|---------------|----------|
| DATE PREPARED | 6/9/2025 |
| ROUTE         | VAR.     |
| STATE         | MO       |
| DISTRICT      | NW       |
| SHEET NO.     | 1        |
| COUNTY        | VARIOUS  |
| JOB NO.       | JNW0103  |
| CONTRACT ID.  |          |

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

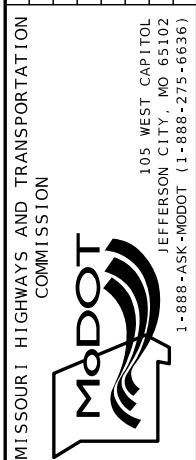
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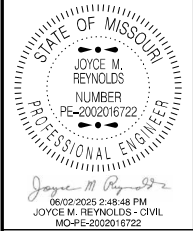


| BRIDGE IMPROVEMENTS                                                                                                                    |                    |         |          |                      |                               |                                |                                          |                                        |                             |                              |                                       |                                 |                                         |                               |                       |                                           |                                     |                                  |
|----------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------|----------|----------------------|-------------------------------|--------------------------------|------------------------------------------|----------------------------------------|-----------------------------|------------------------------|---------------------------------------|---------------------------------|-----------------------------------------|-------------------------------|-----------------------|-------------------------------------------|-------------------------------------|----------------------------------|
| BRIDGE NO.                                                                                                                             | LOCATION           | LOG     | LOG      | BRIDGE PAY WIDTH FT. | ROADWAY AND BRIDGE LENGTH FT. | TACK COAT POLYMER MODIFIED GAL | SEAL COAT EMULSIFIED ASPHALT BINDER GAL. | SEAL COAT FINE AGGREGATE GRADE A1 S.Y. | MICRO SUFACING TYPE II S.Y. | MICRO SUFACING TYPE III S.Y. | TRAFFIC BARRIER DELINEATOR WHITE EACH | GUARDRAIL DELINEATOR WHITE EACH | PERMANENT AGGREGATE EDGE TREATMENT TONS | BRUSH CUTTING & MOWING * ACRE | CLASS A EXCAVATION CY | PERMANENT EROSION CONTROL GEOTEXTILE S.Y. | FURNISHING TYPE 2 ROCK BLANKET C.Y. | PLACING TYPE 2 ROCK BLANKET C.Y. |
| B0007                                                                                                                                  | RTE 111 (ATCHISON) | 5.1803  | 5.1993   | 24                   | 100                           | 21.33                          | 81.07                                    | 213.33                                 | 266.67                      |                              | 4                                     |                                 | 1.57                                    | 0.06                          |                       |                                           |                                     |                                  |
| B0009                                                                                                                                  | RTE C (ATCHISON)   | 4.0723  | 4.10645  | 24                   | 180                           | 38.40                          | 162.13                                   | 426.67                                 | 480.00                      |                              | 6                                     |                                 | 1.57                                    | 0.14                          |                       |                                           |                                     |                                  |
| B0010                                                                                                                                  | RTE C (ATCHISON)   | 7.1894  | 7.233    | 24                   | 230                           | 49.07                          | 212.80                                   | 560.00                                 | 613.33                      |                              | 8                                     |                                 | 1.57                                    | 0.19                          |                       |                                           |                                     |                                  |
| B0011                                                                                                                                  | RTE B (ATCHISON)   | 4.0003  | 4.02621  | 24                   | 297                           | 63.36                          | 280.69                                   | 738.67                                 | 792.00                      | 792.00                       | 6                                     |                                 | 1.57                                    | 0.10                          |                       |                                           |                                     |                                  |
| B0013                                                                                                                                  | MO 46 (ATCHISON)   | 7.6133  | 7.64177  | 24                   | 150                           | 32.00                          | 131.73                                   | 346.67                                 | 400.00                      |                              | 6                                     |                                 | 1.57                                    | 0.11                          |                       |                                           |                                     |                                  |
| B0014                                                                                                                                  | RTE V (ATCHISON)   | 4.0543  | 4.08372  | 24                   | 155                           | 33.07                          | 136.80                                   | 360.00                                 | 413.33                      |                              | 6                                     |                                 | 1.57                                    | 0.12                          |                       |                                           |                                     |                                  |
| B0015                                                                                                                                  | RTE 111 (ATCHISON) | 10.0473 | 10.0682  | 24                   | 110                           | 23.47                          | 91.20                                    | 240.00                                 | 293.33                      |                              | 4                                     |                                 | 1.57                                    | 0.07                          |                       |                                           |                                     |                                  |
| B0016                                                                                                                                  | RTE B (ATCHISON)   | 12.5363 | 12.56571 | 24                   | 155                           | 33.07                          | 136.80                                   | 360.00                                 | 413.33                      |                              | 6                                     |                                 | 1.57                                    | 0.12                          |                       |                                           |                                     |                                  |
| B0017                                                                                                                                  | MO 46 (ATCHISON)   | 7.0813  | 7.10787  | 24                   | 140                           | 29.87                          | 121.60                                   | 320.00                                 | 373.33                      |                              | 4                                     |                                 | 1.57                                    | 0.10                          |                       |                                           |                                     |                                  |
| B0018                                                                                                                                  | MO 46 (ATCHISON)   | 6.2203  | 6.25354  | 24                   | 176                           | 37.55                          | 158.08                                   | 416.00                                 | 469.33                      |                              | 6                                     | 4                               | 1.57                                    | 0.14                          |                       |                                           |                                     |                                  |
| B0080                                                                                                                                  | RTE 111 (HOLT)     | 39.3013 | 39.326   | 24                   | 130                           | 27.73                          | 111.47                                   | 293.33                                 | 346.67                      |                              | 4                                     | 4                               | 1.57                                    | 0.09                          |                       |                                           |                                     |                                  |
| B0081                                                                                                                                  | RTE C (HOLT)       | 5.8274  | 5.8615   | 24                   | 180                           | 38.40                          | 162.13                                   | 426.67                                 | 480.00                      |                              | 6                                     |                                 | 1.57                                    | 0.14                          | 305.19                | 457.78                                    | 305.19                              | 305.19                           |
| B0082                                                                                                                                  | RTE C (HOLT)       | 4.5813  | 4.606    | 24                   | 130                           | 27.73                          | 111.47                                   | 293.33                                 | 346.67                      |                              | 4                                     |                                 | 1.57                                    | 0.09                          |                       |                                           |                                     |                                  |
| B0083                                                                                                                                  | RTE 111 (HOLT)     | 13.6223 | 13.6413  | 24                   | 100                           | 21.33                          | 81.07                                    | 213.33                                 | 266.67                      |                              | 4                                     |                                 | 1.57                                    | 0.06                          |                       |                                           |                                     |                                  |
| B0084                                                                                                                                  | RTE N (HOLT)       | 19.2653 | 19.29813 | 24                   | 173                           | 36.91                          | 155.04                                   | 408.00                                 | 461.33                      |                              | 6                                     |                                 | 1.57                                    | 0.13                          |                       |                                           |                                     |                                  |
| B0085                                                                                                                                  | RTE N (HOLT)       | 19.5823 | 19.6101  | 24                   | 147                           | 31.36                          | 128.69                                   | 338.67                                 | 392.00                      |                              | 6                                     |                                 | 1.57                                    | 0.11                          |                       |                                           |                                     |                                  |
| B0086                                                                                                                                  | RTE C (HOLT)       | 7.6404  | 7.6821   | 24                   | 220                           | 46.93                          | 202.67                                   | 533.33                                 | 586.67                      |                              | 8                                     |                                 | 1.57                                    | 0.18                          |                       |                                           |                                     |                                  |
| B0087                                                                                                                                  | RTE B (HOLT)       | 6.5643  | 6.58993  | 24                   | 135                           | 28.80                          | 116.53                                   | 306.67                                 | 360.00                      |                              | 4                                     |                                 | 1.57                                    | 0.10                          |                       |                                           |                                     |                                  |
| B0088                                                                                                                                  | RTE 59 (HOLT)      | 30.1373 | 30.1902  | 24                   | 279                           | 59.52                          | 262.45                                   | 690.67                                 | 744.00                      |                              | 10                                    |                                 | 1.57                                    | 0.24                          |                       |                                           |                                     |                                  |
| B0089                                                                                                                                  | RTE C (HOLT)       | 9.1983  | 9.22395  | 24                   | 135                           | 28.80                          | 116.53                                   | 306.67                                 | 360.00                      |                              | 4                                     |                                 | 1.57                                    | 0.10                          | 305.92                | 636.66                                    | 398.51                              | 398.51                           |
| B0090                                                                                                                                  | RTE B (HOLT)       | 6.0844  | 6.11396  | 24                   | 156                           | 33.28                          | 137.81                                   | 362.67                                 | 416.00                      |                              | 4                                     |                                 | 1.57                                    | 0.12                          |                       |                                           |                                     |                                  |
| B0091                                                                                                                                  | RTE B (HOLT)       | 5.8053  | 5.836    | 24                   | 162                           | 34.56                          | 143.89                                   | 378.67                                 | 432.00                      |                              | 6                                     |                                 | 1.57                                    | 0.12                          |                       |                                           |                                     |                                  |
| B0092                                                                                                                                  | RTE 111 (HOLT)     | 23.6573 | 23.681   | 24                   | 125                           | 26.67                          | 106.40                                   | 280.00                                 | 333.33                      |                              | 4                                     | 8                               | 1.57                                    | 0.09                          |                       |                                           |                                     |                                  |
| B0094                                                                                                                                  | RTE 113 (NODAWAY)  | 0.3533  | 0.3829   | 24                   | 156                           | 33.28                          | 137.81                                   | 362.67                                 | 416.00                      |                              | 6                                     |                                 | 1.57                                    | 0.12                          |                       |                                           |                                     |                                  |
| B0095                                                                                                                                  | RTE 113 (NODAWAY)  | 12.9763 | 13.01142 | 27                   | 185                           | 44.40                          | 188.10                                   | 495.00                                 | 555.00                      |                              | 6                                     | 2                               | 1.57                                    | 0.16                          |                       |                                           |                                     |                                  |
| B0096                                                                                                                                  | RTE 113 (NODAWAY)  | 13.2893 | 13.328   | 26                   | 204                           | 47.15                          | 201.99                                   | 531.56                                 | 589.33                      |                              | 6                                     | 4                               | 1.57                                    | 0.17                          | 44.44                 | 66.67                                     | 44.44                               | 44.44                            |
| B0097                                                                                                                                  | RTE 113 (NODAWAY)  | 13.1153 | 13.1706  | 26                   | 292                           | 67.48                          | 298.60                                   | 785.78                                 | 843.56                      |                              | 10                                    | 2                               | 1.57                                    | 0.27                          |                       |                                           |                                     |                                  |
| B0104                                                                                                                                  | RTE 113 (NODAWAY)  | 7.8473  | 7.87769  | 24                   | 160                           | 34.13                          | 141.87                                   | 373.33                                 | 426.67                      |                              | 6                                     |                                 | 1.57                                    | 0.12                          |                       |                                           |                                     |                                  |
| B0105                                                                                                                                  | RTE 113 (NODAWAY)  | 6.2363  | 6.26193  | 24                   | 135                           | 28.80                          | 116.53                                   | 306.67                                 | 360.00                      |                              | 6                                     |                                 | 1.57                                    | 0.10                          |                       |                                           |                                     |                                  |
| TOTALS                                                                                                                                 |                    |         |          |                      |                               | 1058.45                        | 4433.95                                  | 11668.36                               | 13230.55                    | 792.00                       | 166.00                                | 24.00                           | 45.53                                   | 3.66                          | 655.55                | 1161.11                                   | 748.14                              | 748.14                           |
| PAY TOTALS                                                                                                                             |                    |         |          |                      |                               | 1060                           | 4434                                     | 11668                                  | 13231                       | 792                          | 166                                   | 24.0                            | 45.5                                    | LUMP SUM 1                    | 656                   | 1161                                      | 748                                 | 748                              |
| * BRUSH CUTTING & STUB PAINTING CALULATIONS TO INCLUDE BRIDGE WIDTH PLUS 10' ON EACH SIDE OF BRIDGE BY BRIDGE LENGTH MINUS STREAM BED. |                    |         |          |                      |                               |                                |                                          |                                        |                             |                              |                                       |                                 |                                         |                               |                       |                                           |                                     |                                  |

| COLDMILLING & MODIFIED COLDMILLING |           |                  |               |                     |                   |                                             |                                                                                     |
|------------------------------------|-----------|------------------|---------------|---------------------|-------------------|---------------------------------------------|-------------------------------------------------------------------------------------|
| BRIDGE NO.                         | REMARKS   | LOCATION         | PAY WIDTH FT. | MODIFIED LENGTH FT. | BRIDGE LENGTH FT. | MODIFIED COLDMILLING DEPTH TRANSITIONS S.Y. | COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS) S.Y. |
| B0011                              | EBL & WBL | RTE B (ATCHISON) | 24            | 20                  | 97                | 53.33                                       | 258.67                                                                              |
| TOTALS                             |           |                  |               |                     |                   | 53.33                                       | 258.67                                                                              |
| PAY TOTALS                         |           |                  |               |                     |                   | 53                                          | 259                                                                                 |

|              |     |   |
|--------------|-----|---|
| MOBILIZATION |     |   |
| LUMP         | SUM | 1 |

SUMMARY OF QUANTITIES  
SHEET 1 OF 2



DATE PREPARED  
5/21/2025

|               |             |
|---------------|-------------|
| ROUTE<br>VAR. | STATE<br>MO |
|---------------|-------------|

|                |                |
|----------------|----------------|
| DISTRICT<br>NW | SHEET NO.<br>3 |
|----------------|----------------|

|                                  |                                  |
|----------------------------------|----------------------------------|
| <div> COUNTY<br/> VARIOUS </div> | <div> COUNTY<br/> VARIOUS </div> |
|----------------------------------|----------------------------------|

JOB NO.  
INW0103

JNW0103

---

CONTRACT ID.

|             |
|-------------|
| PROJECT NO. |
|-------------|

BRIDGE NO.

|  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

| TYPE III OBJECT MARKERS |                    |                                                                |       |                              |                                        |                                   |                                                            |                                                         |
|-------------------------|--------------------|----------------------------------------------------------------|-------|------------------------------|----------------------------------------|-----------------------------------|------------------------------------------------------------|---------------------------------------------------------|
| BRIDGE NO.              | LOCATION           | FLAT SHEET FLOURESCENT<br>(BLACK ON YELLOW)<br>(12 IN X 36 IN) |       |                              | 2 IN PERFORATED SQUARE STEEL TUBE POST |                                   |                                                            |                                                         |
|                         |                    | NUMBER<br>OF EACH                                              |       | ITEM NO.<br>9035069A<br>S.F. | NUMBER<br>OF POSTS                     | AVERAGE<br>POST<br>LENGTH<br>L.F. | 2 IN X 2 IN<br>12 GA POSTS<br>ITEM NO.<br>9031270A<br>L.F. | 3 FT ANCHOR<br>12 GAUGE<br>ITEM NO.<br>9031271A<br>EACH |
|                         |                    | OM3-L                                                          | OM3-R |                              |                                        |                                   |                                                            |                                                         |
| B0007                   | RTE 111 (ATCHISON) | 6                                                              | 6     | 36                           | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0009                   | RTE C (ATCHISON)   | 6                                                              | 6     | 36                           | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0010                   | RTE C (ATCHISON)   | 6                                                              | 6     | 36                           | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0011                   | RTE B (ATCHISON)   | 6                                                              | 6     | 36                           | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0013                   | MO 46 (ATCHISON)   | 6                                                              | 6     | 36                           | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0014                   | RTE V (ATCHISON)   | 6                                                              | 6     | 36                           | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0015                   | RTE 111 (ATCHISON) | 6                                                              | 6     | 36                           | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0016                   | RTE B (ATCHISON)   | 6                                                              | 6     | 36                           | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0017                   | MO 46 (ATCHISON)   | 6                                                              | 6     | 36                           | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0018                   | MO 46 (ATCHISON)   | 0                                                              | 0     | 0                            | 0                                      | 10.5                              | 0                                                          | 0                                                       |
| B0080                   | RTE 111 (HOLT)     | 0                                                              | 0     | 0                            | 0                                      | 10.5                              | 0                                                          | 0                                                       |
| B0081                   | RTE C (HOLT)       | 6                                                              | 6     | 36                           | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0082                   | RTE C (HOLT)       | 6                                                              | 6     | 36                           | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0083                   | RTE 111 (HOLT)     | 6                                                              | 6     | 36                           | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0084                   | RTE N (HOLT)       | 6                                                              | 6     | 36                           | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0085                   | RTE N (HOLT)       | 6                                                              | 6     | 36                           | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0086                   | RTE C (HOLT)       | 6                                                              | 6     | 36                           | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0087                   | RTE B (HOLT)       | 6                                                              | 6     | 36                           | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0088                   | RTE 59 (HOLT)      | 0                                                              | 0     | 0                            | 0                                      | 10.5                              | 0                                                          | 0                                                       |
| B0089                   | RTE C (HOLT)       | 6                                                              | 6     | 36                           | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0090                   | RTE B (HOLT)       | 6                                                              | 6     | 36                           | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0091                   | RTE B (HOLT)       | 6                                                              | 6     | 36                           | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0092                   | RTE 111 (HOLT)     | 0                                                              | 0     | 0                            | 0                                      | 10.5                              | 0                                                          | 0                                                       |
| B0094                   | RTE 113 (NODAWAY)  | 6                                                              | 6     | 36                           | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0095                   | RTE 113 (NODAWAY)  | 3                                                              | 3     | 18                           | 6                                      | 10.5                              | 63                                                         | 6                                                       |
| B0096                   | RTE 113 (NODAWAY)  | 0                                                              | 0     | 0                            | 0                                      | 10.5                              | 0                                                          | 0                                                       |
| B0097                   | RTE 113 (NODAWAY)  | 3                                                              | 3     | 18                           | 6                                      | 10.5                              | 63                                                         | 6                                                       |
| B0104                   | RTE 113 (NODAWAY)  | 6                                                              | 6     | 36                           | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0105                   | RTE 113 (NODAWAY)  | 6                                                              | 6     | 36                           | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| TOTALS                  |                    | 138                                                            | 138   | 828                          |                                        |                                   | 2898                                                       | 276                                                     |
| PAY TOTALS              |                    |                                                                |       | 828                          |                                        |                                   | 2898                                                       | 276                                                     |

| REMOVAL OF IMPROVEMENTS |                    |                                                                |       |          |                                        |                                   |                                                            |                                                         |
|-------------------------|--------------------|----------------------------------------------------------------|-------|----------|----------------------------------------|-----------------------------------|------------------------------------------------------------|---------------------------------------------------------|
| BRIDGE NO.              | LOCATION           | FLAT SHEET FLOURESCENT<br>(BLACK ON YELLOW)<br>(12 IN X 36 IN) |       |          | 2 IN PERFORATED SQUARE STEEL TUBE POST |                                   |                                                            |                                                         |
|                         |                    | OM3-L                                                          | OM3-R | EACH     | NUMBER<br>OF POSTS                     | AVERAGE<br>POST<br>LENGTH<br>L.F. | 2 IN X 2 IN<br>12 GA POSTS<br>ITEM NO.<br>9031270A<br>L.F. | 3 FT ANCHOR<br>12 GAUGE<br>ITEM NO.<br>9031271A<br>EACH |
|                         |                    |                                                                |       |          |                                        |                                   |                                                            |                                                         |
| B0007                   | RTE 111 (ATCHISON) | 6                                                              | 6     | 12       | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0009                   | RTE C (ATCHISON)   | 6                                                              | 6     | 12       | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0010                   | RTE C (ATCHISON)   | 6                                                              | 6     | 12       | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0011                   | RTE B (ATCHISON)   | 6                                                              | 6     | 12       | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0013                   | MO 46 (ATCHISON)   | 6                                                              | 6     | 12       | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0014                   | RTE V (ATCHISON)   | 6                                                              | 6     | 12       | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0015                   | RTE 111 (ATCHISON) | 6                                                              | 6     | 12       | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0016                   | RTE B (ATCHISON)   | 6                                                              | 6     | 12       | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0017                   | MO 46 (ATCHISON)   | 6                                                              | 6     | 12       | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0018                   | MO 46 (ATCHISON)   | 0                                                              | 0     | 0        | 0                                      | 10.5                              | 0                                                          | 0                                                       |
| B0080                   | RTE 111 (HOLT)     | 0                                                              | 0     | 0        | 0                                      | 10.5                              | 0                                                          | 0                                                       |
| B0081                   | RTE C (HOLT)       | 6                                                              | 6     | 12       | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0082                   | RTE C (HOLT)       | 6                                                              | 6     | 12       | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0083                   | RTE 111 (HOLT)     | 6                                                              | 6     | 12       | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0084                   | RTE N (HOLT)       | 6                                                              | 6     | 12       | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0085                   | RTE N (HOLT)       | 6                                                              | 6     | 12       | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0086                   | RTE C (HOLT)       | 6                                                              | 6     | 12       | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0087                   | RTE B (HOLT)       | 6                                                              | 6     | 12       | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0088                   | RTE 59 (HOLT)      | 0                                                              | 0     | 0        | 0                                      | 10.5                              | 0                                                          | 0                                                       |
| B0089                   | RTE C (HOLT)       | 6                                                              | 6     | 12       | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0090                   | RTE B (HOLT)       | 6                                                              | 6     | 12       | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0091                   | RTE B (HOLT)       | 6                                                              | 6     | 12       | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0092                   | RTE 111 (HOLT)     | 0                                                              | 0     | 0        | 0                                      | 10.5                              | 0                                                          | 0                                                       |
| B0094                   | RTE 113 (NODAWAY)  | 6                                                              | 6     | 12       | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0095                   | RTE 113 (NODAWAY)  | 3                                                              | 3     | 6        | 6                                      | 10.5                              | 63                                                         | 6                                                       |
| B0096                   | RTE 113 (NODAWAY)  | 0                                                              | 0     | 0        | 0                                      | 10.5                              | 0                                                          | 0                                                       |
| B0097                   | RTE 113 (NODAWAY)  | 3                                                              | 3     | 6        | 6                                      | 10.5                              | 63                                                         | 6                                                       |
| B0104                   | RTE 113 (NODAWAY)  | 6                                                              | 6     | 12       | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| B0105                   | RTE 113 (NODAWAY)  | 6                                                              | 6     | 12       | 12                                     | 10.5                              | 126                                                        | 12                                                      |
| TOTALS                  |                    | 138                                                            | 138   | 276      |                                        |                                   | 2898                                                       | 276                                                     |
| PAY TOTALS              |                    |                                                                |       | LUMP SUM |                                        |                                   |                                                            |                                                         |

| TRAFFIC CONTROL |             |                |                         |                         |                      |                          |              |             |
|-----------------|-------------|----------------|-------------------------|-------------------------|----------------------|--------------------------|--------------|-------------|
| SIGN            | SIZE<br>IN. | AREA<br>SQ.FT. | QTY<br>EACH             | TOTAL<br>AREA<br>SQ.FT. | QTY<br>RELOC<br>EACH | TOTAL<br>RELOC<br>SQ.FT. | SIGN<br>NUM. | DESCRIPTION |
| WARNING SIGNS   |             |                |                         |                         |                      |                          |              |             |
| W020-3          | 48x48       | 16.00          | 6                       | 96                      |                      |                          | 2            |             |
| W020-4          | 48x48       | 16.00          | 6                       | 96                      |                      |                          | 7            |             |
| W020-7a         | 48x48       | 16.00          | 6                       | 96                      |                      |                          | 8            |             |
| W021-5          | 48x48       | 16.00          | 6                       | 96                      |                      |                          | 21           |             |
| ITEM<br>NUMBER  |             | TOTAL<br>QTY   | DESCRIPTION             |                         |                      |                          |              |             |
| 6161025         |             | 90             | CHANNELIZER (TRIM LINE) |                         |                      |                          |              |             |

PAY TOTAL

TRAFFIC CONTROL LUMP SUM = 1

FOR INFORMATION ONLY  
(3 BRIDGE LOCATION SETUPS)

STATE OF MISSOURI

JOYCE M. REYNOLDS

NUMBER

PE-2002016722

PROFESSIONAL ENGINEER

JOYCE M. REYNOLDS

06/02/2025 2:48:25 PM

JOYCE M. REYNOLDS - CIVIL

MO-PE-2002016722

DATE PREPARED

5/21/2025

ROUTE

VAR.

DISTRICT

NW

STATE

MO

SHEET NO.

3

COUNTY

VARIOUS

JOB NO.

JNW0103

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

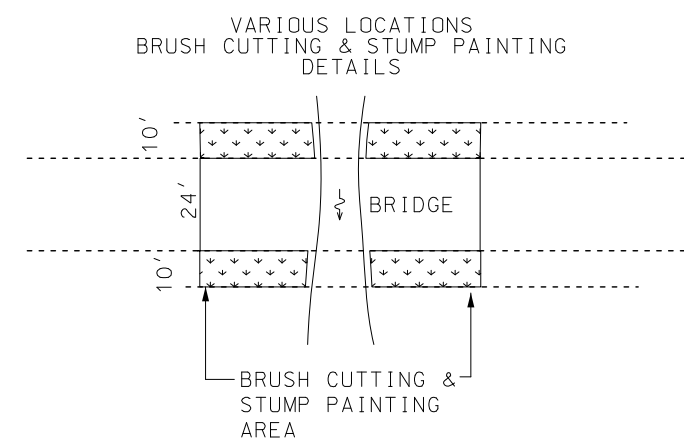
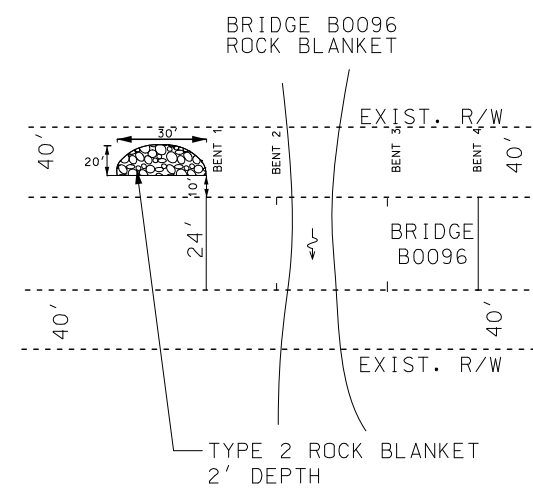
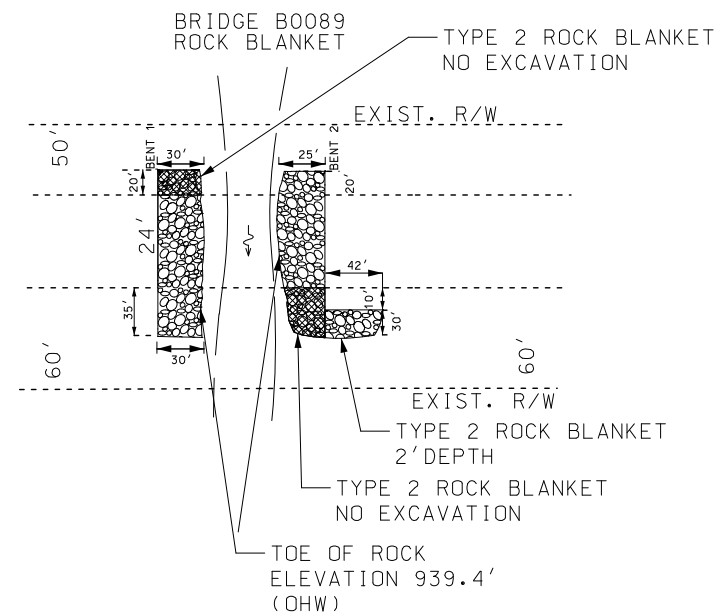
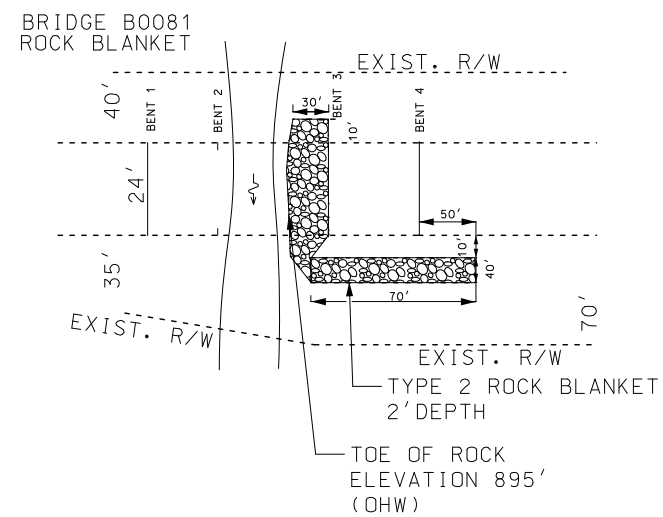
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-275-6636)



TYPE 2 ROCK BLANKET  
NO EXCAVATION

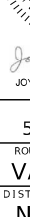
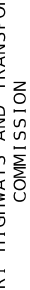


TYPE 2 ROCK BLANKET  
2' DEPTH & EXCAVATION

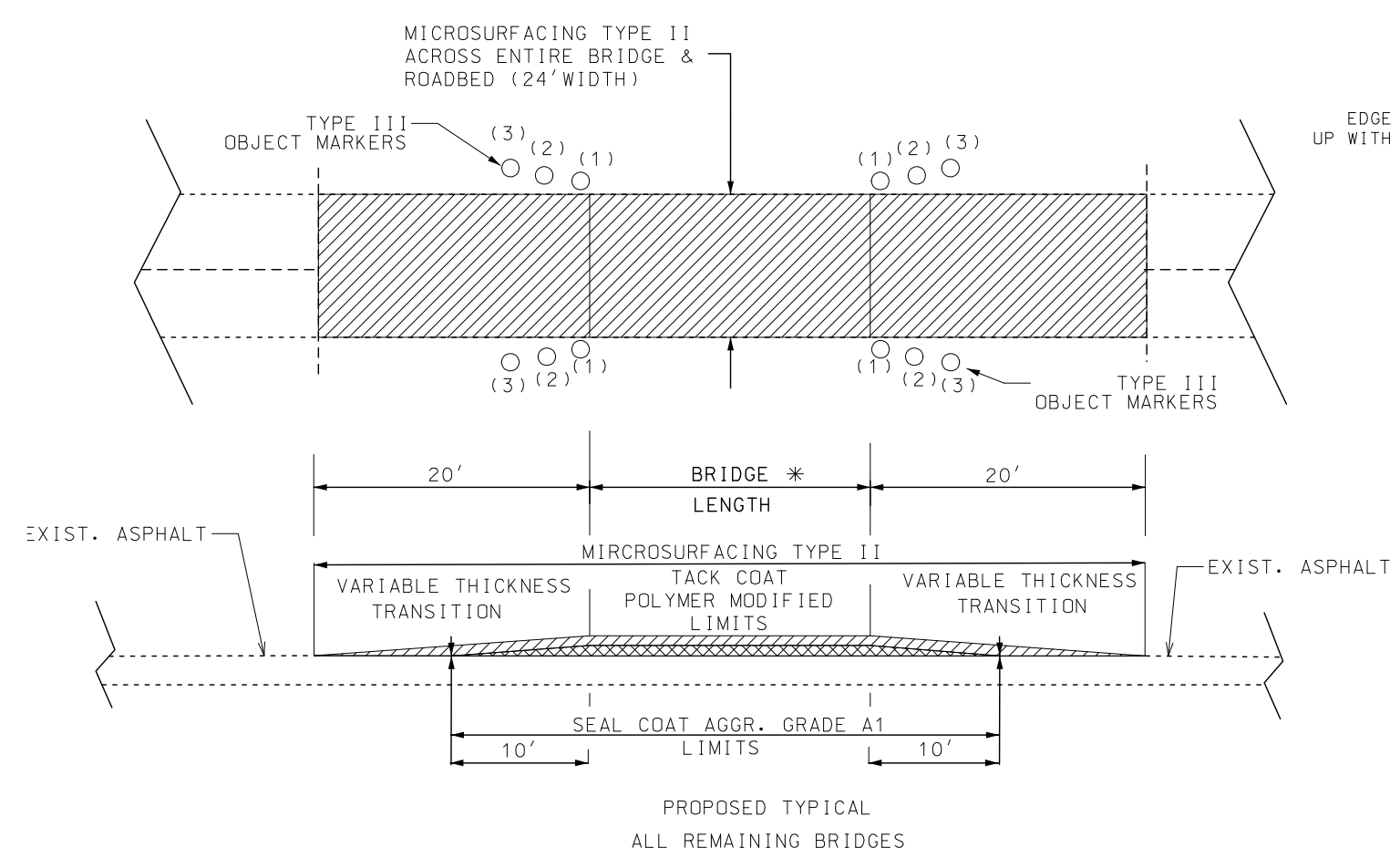
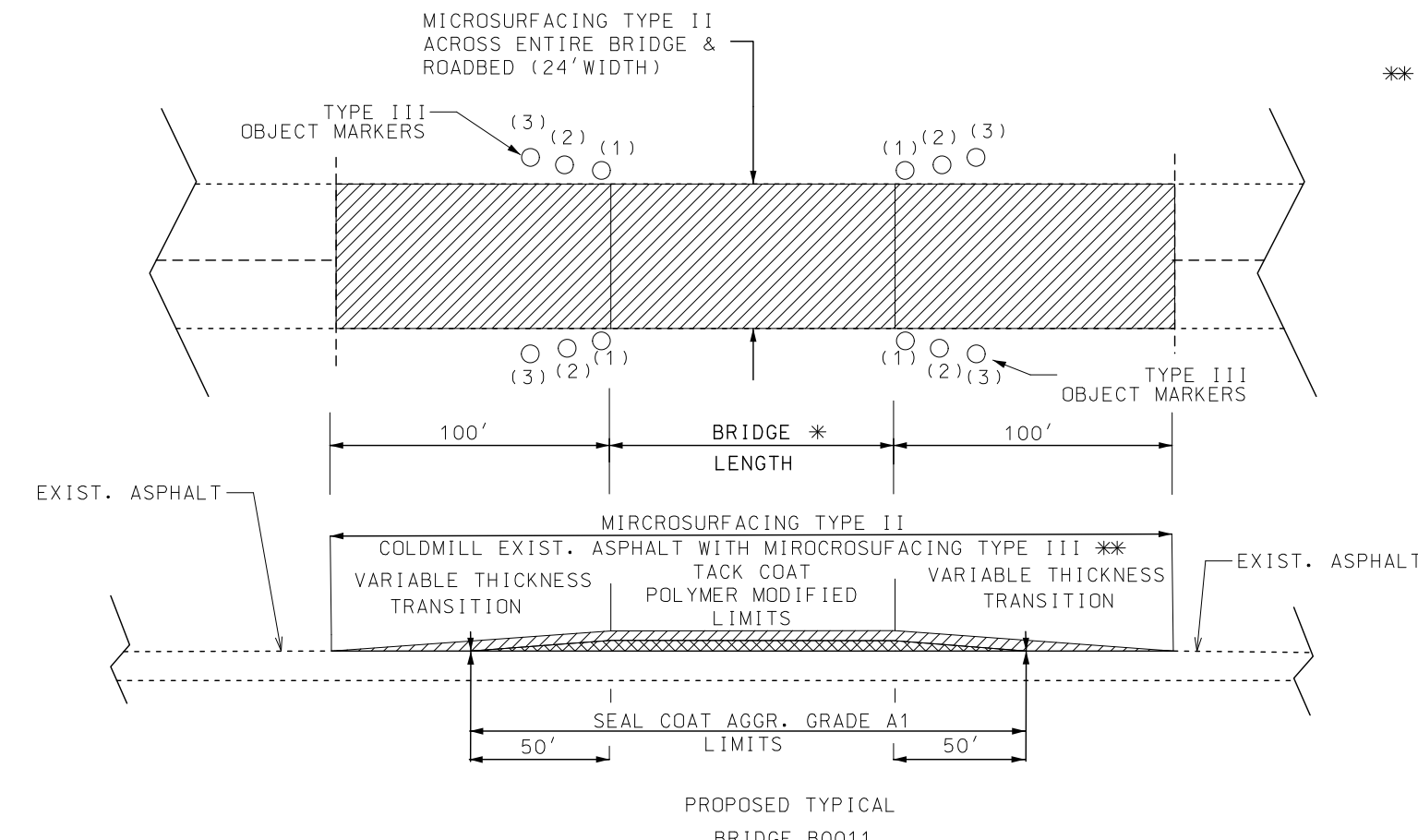


NOT TO SCALE

ROCK BLANKET & BRUSH CUTTING  
SPECIAL SHEET 1 OF 2

|                                                                                       |                       |
|---------------------------------------------------------------------------------------|-----------------------|
|    |                       |
| DATE PREPARED<br><b>5/21/2025</b>                                                     |                       |
| ROUTE<br><b>VAR.</b>                                                                  | STATE<br><b>MO</b>    |
| DISTRICT<br><b>NW</b>                                                                 | SHEET NO.<br><b>4</b> |
| COUNTY<br><b>VARIOUS</b>                                                              |                       |
| JOB NO.<br><b>JNW0103</b>                                                             |                       |
| CONTRACT ID.                                                                          |                       |
| PROJECT NO.                                                                           |                       |
| BRIDGE NO.                                                                            |                       |
| DESCRIPTION                                                                           |                       |
| DATE                                                                                  |                       |
| MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION                                       |                       |
|  |                       |
| 105 WEST CAPITOL<br>JEFFERSON CITY, MO 65102<br>1-888-ASK-MODOT (1-888-275-6636)      |                       |

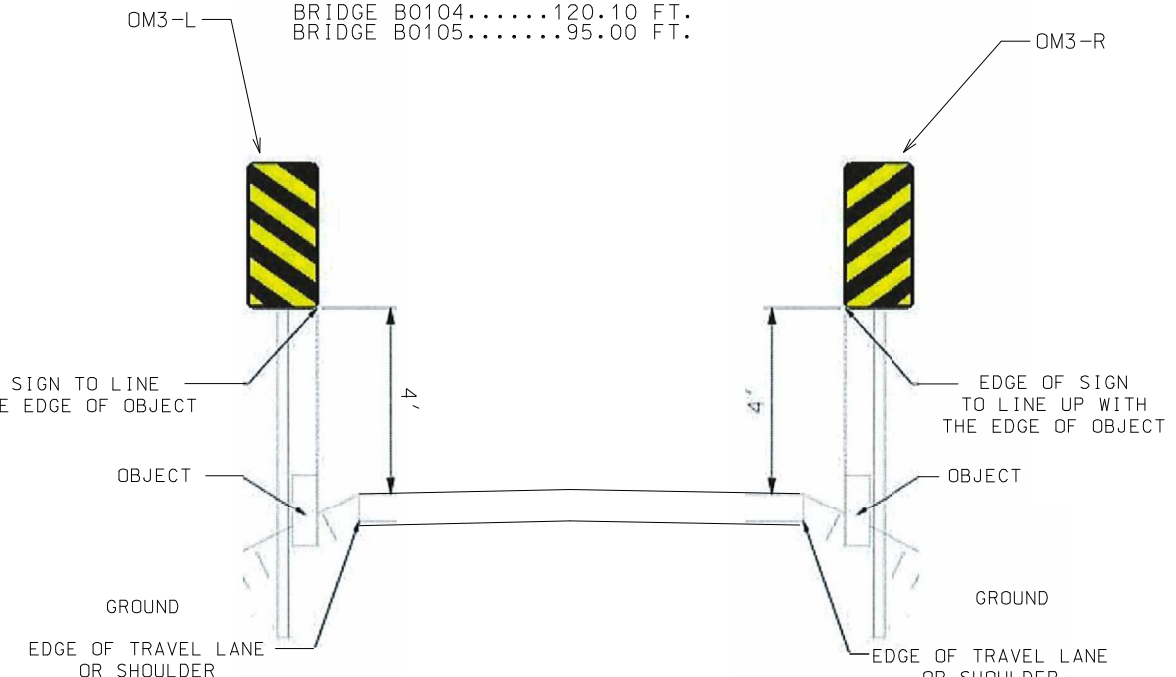
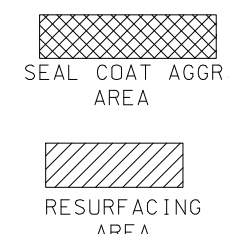




\*\* MICROSURFACING TYPE III  
TO BE PLACED PRIOR  
TO SEAL COAT

\* BRIDGE LENGTHS

|                   |            |
|-------------------|------------|
| BRIDGE B0007..... | 60.00 FT.  |
| BRIDGE B0009..... | 140.00 FT. |
| BRIDGE B0010..... | 190.30 FT. |
| BRIDGE B0011..... | 96.50 FT.  |
| BRIDGE B0013..... | 110.00 FT. |
| BRIDGE B0014..... | 115.00 FT. |
| BRIDGE B0015..... | 70.00 FT.  |
| BRIDGE B0016..... | 115.00 FT. |
| BRIDGE B0017..... | 100.00 FT. |
| BRIDGE B0018..... | 135.20 FT. |
| BRIDGE B0080..... | 90.00 FT.  |
| BRIDGE B0081..... | 140.00 FT. |
| BRIDGE B0082..... | 90.00 FT.  |
| BRIDGE B0083..... | 60.00 FT.  |
| BRIDGE B0084..... | 133.30 FT. |
| BRIDGE B0085..... | 106.40 FT. |
| BRIDGE B0086..... | 180.10 FT. |
| BRIDGE B0087..... | 95.00 FT.  |
| BRIDGE B0088..... | 239.00 FT. |
| BRIDGE B0089..... | 95.00 FT.  |
| BRIDGE B0090..... | 116.30 FT. |
| BRIDGE B0091..... | 122.00 FT. |
| BRIDGE B0092..... | 85.00 FT.  |
| BRIDGE B0094..... | 116.30 FT. |
| BRIDGE B0095..... | 145.10 FT. |
| BRIDGE B0096..... | 164.00 FT. |
| BRIDGE B0097..... | 251.70 FT. |
| BRIDGE B0104..... | 120.10 FT. |
| BRIDGE B0105..... | 95.00 FT.  |



MOUNTING HEIGHT AND OFFSET  
TYPE 3 OBJECT MARKER INSTALLATION

- (1) PLACED AS NEAR THE OBSTRUCTION AS POSSIBLE AND SET TO LINE UP WITH EDGE OF OBSTRUCTION. (9.7' ESTIMATED HEIGHT OF POST)
- (2) PLACED 1.5 FEET OFF THE EDGE OF PAVEMENT AND 20 FEET FROM THE END OF THE OBSTRUCTION. (10.5' ESTIMATED HEIGHT OF POST)
- (3) PLACED 3.0 FEET OFF THE EDGE OF PAVEMENT AND 40 FEET FROM THE END OF THE OBSTRUCTION. (11.2' ESTIMATED HEIGHT OF POST)

STATE OF MISSOURI

JOYCE M. REYNOLDS

NUMBER

PE-2002016722

PROFESSIONAL ENGINEER

DATE PREPARED

5/21/2025

ROUTE

VAR.

STATE

MO

DISTRICT

NW

SHEET NO.

5

COUNTY

VARIOUS

JOB NO.

JNW0103

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-275-6636)

MoDOT

NOTES:  
SIGN SPACING MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS,  
AS DIRECTED BY THE ENGINEER.  
MIRROR TRAFFIC CONTROL SET UP FOR WORK IN THE OPPOSITE DIRECTION

| SPEED                  | SIGN SPACING (FT) | TAPER LENGTH (FT) |      | RECOMMENDED        | CHANNELIZER SPACING (FT) |                   |
|------------------------|-------------------|-------------------|------|--------------------|--------------------------|-------------------|
| PERMANENT POSTED (MPH) | UNDIVIDED         | SHOULDER          | LANE | BUFFER LENGTH (FT) | TAPERS                   | BUFFER/ WORK AREA |
| 50-55                  | 500               | 35                | 100  | 495                | 25                       | 80                |
| 60-70                  | 1000              | 35                | 100  | 730                | 25                       | 120               |



BRIDGE  
OR  
RAMP



100' TAPER  
5 CHANNELIZERS  
(MINIMUM)

BUFFER SPACE

WORK AREA

BUFFER SPACE

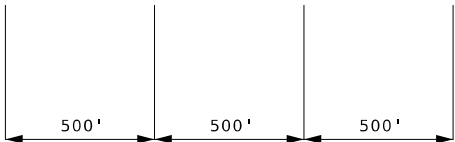
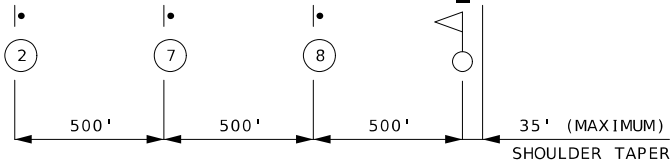
100' TAPER  
5 CHANNELIZERS  
(MINIMUM)

EOS

EOP

EOP

EOS



STATIONARY LANE CLOSURE

BUFFER SPACE

WORK AREA

BUFFER SPACE

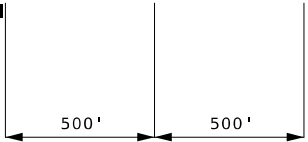
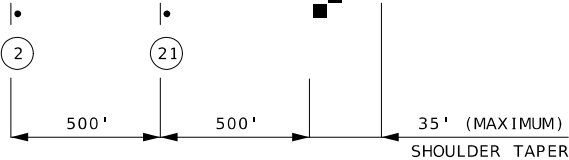
100' TAPER  
5 CHANNELIZERS  
(MINIMUM)

EOS

EOP

EOP

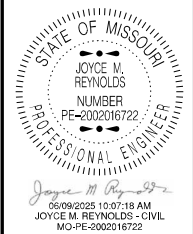
EOS



STATIONARY SHOULDER CLOSURE

NOT TO SCALE

TRAFFIC CONTROL  
SHEET 1 OF 1



|               |           |
|---------------|-----------|
| DATE PREPARED |           |
| 6/9/2025      |           |
| ROUTE         | STATE     |
| VAR.          | MO        |
| DISTRICT      | SHEET NO. |
| NW            | 6         |
| COUNTY        |           |
| VARIOUS       |           |
| JOB NO.       |           |
| JNW0103       |           |
| CONTRACT ID.  |           |
| PROJECT NO.   |           |
| BRIDGE NO.    |           |

| DESCRIPTION |
|-------------|
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

REV.

**U.I.P. AND REHABILITATE EXISTING BRIDGES**

Remove and replace all reflectors on Existing Barrier (Roadway Item) (Typ.)

Install Seal Coat and Microsurfacing (Roadway Item)

Clean and Epoxy Coat (Typ.)

Existing Asphalt Wearing Surface (U.I.P.)

U.I.P. Existing Beams

PRESTRESSED CONCRETE ADJACENT BOX BEAM

PRESTRESSED CONCRETE ADJACENT VOIDED SLAB BEAM

Varies

Structure

Clean and Epoxy Coat (Typ.)

U.I.P. Existing Barrier (Typ.)

Full Width (Typ.)

Misc. Superstructure Repair (Unformed)  
(Remove deteriorated grout at anchor rod pockets and replace with qualified special mortar)

Top of existing beam

Existing Beam

TYPICAL SECTION THRU BEAM SHOWING MISC. SUPERSTRUCTURE REPAIR (UNFORMED)

TYPICAL CROSS SECTION

Clean and Coat with Protective Coating - Concrete Bents & Piers (Epoxy) (see Sec 711) (Include exposed top of beam cap surfaces)

Apply Aluminum Epoxy-Mastic Primer to exposed piles

TYPICAL SECTION AT INTERMEDIATE BENTS SHOWING PROTECTIVE COATING AND ALUMINUM EPOXY-MASTIC PRIMER  
(H-piles shown, steel pipe piles similar)

Clean and coat with Protective Coating - Concrete Bents & Piers (Epoxy) (see Sec 711) (Include exposed wing surfaces)

Top of Existing Barrier

B####

Existing Beam

PART SECTION SHOWING BRIDGE NUMBER STENCIL  
(Repaint bridge number on all structures in accordance with Std. 703.3.12.)

TYPICAL SECTION THRU END BENTS SHOWING PROTECTIVE COATING

Silicone Joint Sealant

A — — A

2" (Typ.)

Backer Rod

Saw cut full depth at joint to this line

1"

3"

SECTION A-A

1/2" Sawed Joint Width

1 1/8" Backer Rod

1 1/8"

Silicone Joint Sealant (Typ.)

PART SECTION SHOWING 1/2" SAW CUT AT EXISTING JOINTS OVER INTERMEDIATE BENTS

\* Resaw existing joints to provide a min. 1/2" silicone joint

Notes:  
Exterior beam epoxy coating not shown for clarity.

Detailed Mar. 2025  
Checked Apr. 2025

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 1 of 2

**General Notes:**

Design Specifications:  
2020 AASHTO LRFD Bridge Design Specifications (9th Ed.)  
2002 AASHTO LFD (17th Ed.) Standard Specifications

Design Loading:  
Vehicular = HS20-44  
Future Wearing Surface = 35 lb/cf (Min.)  
Earth = 120 lb/cf  
Equivalent Fluid Pressure = 45 lb/cf (Min.)

Traffic Handling:  
Traffic to be maintained on structure during construction. See roadway plans for traffic control.

Miscellaneous:  
Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.  
Cost of labor and materials for stenciling a bridge number will be considered completely covered by the other items.

\* New wearing surface material shall be tapered at barrier drain outlets to keep existing opening from plugging (Typ.).

Existing concrete traffic barrier delineators shall be removed and replaced on top of the existing barriers as shown on Missouri Standard Plans 617.10 and in accordance with Sec 617. Delineators on bridges with two-lane, two-way traffic shall have retroreflective sheeting on both sides (Roadway Item).

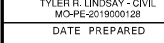
For Bridge Location Data and General Quantities see Sheet No. 2.

All exposed surfaces of the existing structural steel piles shall be recoated with one 6-mil thickness of Aluminum Epoxy-Mastic Primer applied over an SSPC-SP3 surface preparation in accordance with Sec 1081. The bituminous coating shall be applies one foot above and below the existing ground line and in accordance with Sec 702. These protective coatings will not be required below the normal low water line. The cost of surface preparation will be considered completely covered by the contract lump sum price for Surface Preparation for Applying Epoxy-Mastic Primer. The cost of the Aluminum Epoxy-Mastic Primer and bituminous coating will be considered completely covered by the contract lump sum price for Aluminum Epoxy-Mastic Primer.

STATE OF MISSOURI  
TYLER R. LINDSAY  
NUMBER PE-2019000128  
PROFESSIONAL ENGINEER  
DATE PREPARED 5/7/2025  
ROUTE VARIES STATE MO DISTRICT BR SHEET NO. 1 COUNTY VARIES JOB NO. JNW0103 CONTRACT ID. PROJECT NO. BRIDGE NO. VARIES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)



| ROUTE | STATE |
|-------|-------|
|-------|-------|

|          |         |
|----------|---------|
| DISTRICT | SHEET 1 |
|----------|---------|

|        |
|--------|
| COUNTY |
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|         |
|---------|
| JOB NO. |
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|--------------|
| CONTRACT ID. |
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|             |
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| PROJECT NO. |
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BRIDGE NO.

|  |  |  |  |  |  |  |
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NO.

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| Bridge Information |          |          |                               |                               |                  |        |      |               |                   |
|--------------------|----------|----------|-------------------------------|-------------------------------|------------------|--------|------|---------------|-------------------|
| Bridge Number      | County   | Route    | Crossing                      | Span Layout                   | Condition Rating |        |      | Roadway (ft.) | Beginning Station |
|                    |          |          |                               |                               | Deck             | Super. | Sub. |               |                   |
| B00071             | Atchison | Rte. 111 | Turkey Creek                  | (60') PSAVSB                  | 7                | 7      | 8    | 24'-0" ±      | 100+02.50 ±       |
| B00091             | Atchison | Rte. C   | Middle Tarkio Creek           | (90') PSABB, (50') PSAVSB     | 7                | 7      | 7    | 24'-0" ±      | 99+90.50 ±        |
| B00101             | Atchison | Rte. C   | Tarkio Creek                  | (40',70') PSAVSB, (80') PSABB | 6                | 6      | 6    | 24'-0" ±      | 100+16.68 ±       |
| B00111             | Atchison | Rte. B   | Halls Branch                  | (95') PSABB                   | 7                | 7      | 8    | 24'-0" ±      | 100+00.38 ±       |
| B00131             | Atchison | Rte. 46  | East Fork Hickory Creek       | (110') PSABB                  | 6                | 6      | 8    | 24'-0" ±      | 99+90.00 ±        |
| B00141             | Atchison | Rte. V   | Main Drainage Ditch #6        | (115') PSABB                  | 7                | 7      | 9    | 24'-0" ±      | 99+99.83 ±        |
| B00151             | Atchison | Rte. 111 | Drainage Ditch                | (70') PSAVSB                  | 7                | 7      | 8    | 24'-0" ±      | 99+97.53 ±        |
| B00161             | Atchison | Rte. B   | Rock Creek                    | (115') PSABB                  | 6                | 6      | 8    | 24'-0" ±      | 100+02.00 ±       |
| B00171             | Atchison | Rte. 46  | Hickory Creek                 | (100') PSABB                  | 7                | 7      | 9    | 24'-0" ±      | 99+92.00 ±        |
| B00181             | Atchison | Rte. 46  | East Fork Little Tarkio Creek | (30',75',30') PSAVSB          | 6                | 6      | 6    | 24'-0" ±      | 99+94.78 ±        |
| B00801             | Holt     | Rte. 111 | Cannon Creek                  | (90') PSABB                   | 7                | 7      | 8    | 24'-0" ±      | 100+08.47 ±       |
| B00811             | Holt     | Rte. C   | Squaw Creek                   | (40',60',40') PSAVSB          | 8                | 8      | 6    | 24'-0" ±      | 99+92.33 ±        |
| B00821             | Holt     | Rte. C   | Wildcat Creek                 | (90') PSABB                   | 7                | 7      | 7    | 24'-0" ±      | 100+02.50 ±       |
| B00831             | Holt     | Rte. 111 | Corn Creek                    | (60') PSAVSB                  | 7                | 7      | 9    | 24'-0" ±      | 100+05.00 ±       |
| B00841             | Holt     | Rte. N   | Middle Branch Squaw Creek     | (35',65',35') PSAVSB          | 7                | 7      | 7    | 24'-0" ±      | 99+96.47 ±        |
| B00851             | Holt     | Rte. N   | East Branch Squaw Creek       | (105') PSABB                  | 7                | 7      | 7    | 24'-0" ±      | 99+95.94 ±        |
| B00861             | Holt     | Rte. C   | Middle Branch Squaw Creek     | (90',90') PSABB               | 7                | 7      | 7    | 24'-0" ±      | 99+92.30 ±        |
| B00871             | Holt     | Rte. B   | Nichols Creek                 | (95') PSABB                   | 7                | 7      | 7    | 24'-0" ±      | 100+18.29 ±       |
| B00881             | Holt     | Rte. 59  | Little Tarkio Creek           | (80',80',80') PSABB           | 5                | 5      | 6    | 24'-0" ±      | 100+08.49 ±       |
| B00891             | Holt     | Rte. C   | Squaw Creek                   | (95') PSABB                   | 7                | 7      | 7    | 24'-0" ±      | 100+02.30 ±       |
| B00901             | Holt     | Rte. B   | Nichols Creek                 | (115') PSABB                  | 6                | 6      | 6    | 24'-0" ±      | 100+21.76 ±       |
| B00911             | Holt     | Rte. B   | Lincoln Creek                 | (75',45') PSAVSB              | 7                | 7      | 7    | 24'-0" ±      | 100+05.00 ±       |
| B00922             | Holt     | Rte. 111 | Old Channel Big Tarkio Creek  | (85') PSABB                   | 7                | 7      | 8    | 24'-0" ±      | 99+96.04 ±        |
| B00941             | Nodaway  | Rte. 113 | Cayhoga Creek                 | (115') PSABB                  | 6                | 6      | 8    | 24'-0" ±      | 99+86.00 ±        |
| B00951             | Nodaway  | Rte. 113 | Nodaway River Overflow        | (75',75') PSAVSB              | 6                | 6      | 7    | 27'-0" ±      | 99+95.23 ±        |
| B00961             | Nodaway  | Rte. 113 | Nodaway River                 | (50',60',55') PSAVSB          | 7                | 7      | 7    | 26'-0" ±      | 99+96.48 ±        |
| B00971             | Nodaway  | Rte. 113 | Nodaway River                 | (80',90',80') PSABB           | 6                | 6      | 8    | 26'-0" ±      | 100+16.98 ±       |
| B01041             | Nodaway  | Rte. 113 | Sand Creek                    | (75',45') PSAVSB              | 7                | 7      | 6    | 24'-0" ±      | 100+00.36 ±       |
| B01051             | Nodaway  | Rte. 113 | Bowman Branch                 | (95') PSABB                   | 7                | 7      | 9    | 24'-0" ±      | 99+86.97 ±        |

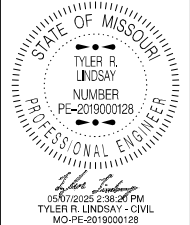
Notes:

PSABB - Prestressed Concrete Adjacent Box Beam

PSAVSB - Prestressed Concrete Adjacent Voided Slab Beam

\*\* Per each location regardless of double or single anchor rod pockets.

| Estimated Quantities |               |                            |                    |                                  |                       |                                                       |                                                      |
|----------------------|---------------|----------------------------|--------------------|----------------------------------|-----------------------|-------------------------------------------------------|------------------------------------------------------|
|                      | Bridge Number | Cleaning and Epoxy Coating | Seal Barrier Joint | Superstructure Repair (Unformed) | Saw Cut Barrier Joint | Protective Coating - Concrete Bents and Piers (Epoxy) | Surface Preparation for Applying Epoxy-Mastic Primer |
|                      | sq. foot      | each                       | each **            | linear foot                      | lump sum              | lump sum                                              | lump sum                                             |
| B00071               | 1,165         | -                          | -                  | -                                | 1                     | -                                                     | -                                                    |
| B00091               | 2,865         | 6                          | -                  | 30                               | 1                     | 1                                                     | 1                                                    |
| B00101               | 3,845         | 10                         | -                  | 50                               | 1                     | 1                                                     | 1                                                    |
| B00111               | 2,025         | -                          | -                  | -                                | 1                     | -                                                     | -                                                    |
| B00131               | 2,445         | -                          | -                  | -                                | 1                     | -                                                     | -                                                    |
| B00141               | 2,575         | -                          | -                  | -                                | 1                     | -                                                     | -                                                    |
| B00151               | 1,450         | -                          | -                  | -                                | 1                     | -                                                     | -                                                    |
| B00161               | 2,575         | -                          | -                  | -                                | 1                     | -                                                     | -                                                    |
| B00171               | 2,170         | -                          | -                  | -                                | 1                     | -                                                     | -                                                    |
| B00181               | 2,635         | 4                          | -                  | 20                               | 1                     | 1                                                     | 1                                                    |
| B00801               | 1,890         | -                          | -                  | -                                | 1                     | -                                                     | -                                                    |
| B00811               | 2,770         | 10                         | -                  | 50                               | 1                     | 1                                                     | 1                                                    |
| B00821               | 1,890         | -                          | -                  | -                                | 1                     | -                                                     | -                                                    |
| B00831               | 1,170         | -                          | -                  | -                                | 1                     | -                                                     | -                                                    |
| B00841               | 2,500         | 10                         | -                  | 50                               | 1                     | 1                                                     | 1                                                    |
| B00851               | 2,300         | -                          | -                  | -                                | 1                     | -                                                     | -                                                    |
| B00861               | 3,670         | 10                         | -                  | 50                               | 1                     | 1                                                     | 1                                                    |
| B00871               | 2,025         | -                          | -                  | -                                | 1                     | -                                                     | -                                                    |
| B00881               | 4,820         | 16                         | 1                  | 80                               | 1                     | 1                                                     | 1                                                    |
| B00891               | 2,025         | -                          | -                  | -                                | 1                     | -                                                     | -                                                    |
| B00901               | 2,575         | -                          | -                  | -                                | 1                     | -                                                     | -                                                    |
| B00911               | 2,425         | 8                          | -                  | 40                               | 1                     | 1                                                     | 1                                                    |
| B00922               | 1,750         | -                          | -                  | -                                | 1                     | -                                                     | -                                                    |
| B00941               | 2,575         | -                          | -                  | -                                | 1                     | -                                                     | -                                                    |
| B00951               | 2,860         | 10                         | -                  | 50                               | 1                     | 1                                                     | 1                                                    |
| B00961               | 3,145         | 10                         | -                  | 50                               | 1                     | 1                                                     | 1                                                    |
| B00971               | 5,095         | 16                         | -                  | 80                               | 1                     | -                                                     | -                                                    |
| B01041               | 2,425         | 8                          | -                  | 40                               | 1                     | 1                                                     | 1                                                    |
| B01051               | 2,025         | -                          | -                  | -                                | 1                     | -                                                     | -                                                    |



|               |           |
|---------------|-----------|
| DATE PREPARED |           |
| 5/7/2025      |           |
| ROUTE         | STATE     |
| VARIES        | MO        |
| DISTRICT      | SHEET NO. |
| BR            | 2         |
| COUNTY        |           |
| VARIES        |           |
| JOB NO.       |           |
| JNW0103       |           |
| CONTRACT ID.  |           |
| PROJECT NO.   |           |
| BRIDGE NO.    |           |
| VARIES        |           |

| DESCRIPTION | DATE |  |  |  |  |  |  |
|-------------|------|--|--|--|--|--|--|
|             |      |  |  |  |  |  |  |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102  
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