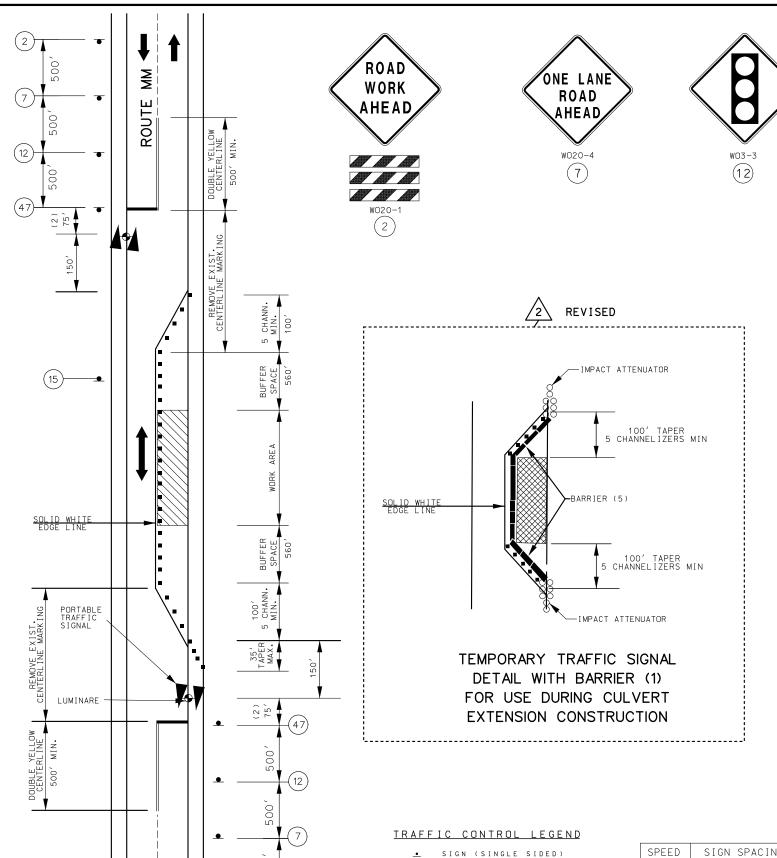
|                    |                            |       |             |            |  |                       |         |                    |               |             |      |   |                 |                       | EFFECTIVE: 04-01-2023   | ·:I      |   |
|--------------------|----------------------------|-------|-------------|------------|--|-----------------------|---------|--------------------|---------------|-------------|------|---|-----------------|-----------------------|---|----------|---|
|                    |                            |       | TOTAL   QTY | TOTAL SIGN |  | П                     | 1       |                    |               | QTY TOTAL   | SIGN |   | il I            |                       | EFFECTIVE: 04-01-2023   |          | STORY OF WAR  |
|                    | SIZE ARE                   | a QTY |             | RELOC NUM. |  |                       | SIZE    | E AREA             | QTY TOTAL     | RELOC RELOC |      |   |                 |                       |   | É        | TE OF MISSOLA   |
| SIGN               | IN. SQ.FT                  | 1 1   |             | SQ.FT.     |  | SIGN                  | IN.     |                    | EACH SQ.FT.   | EACH SQ.FT. |      |   | II ITE          | м Тота                |   | # *      | ERICA J. RIDGWAY  |
|                    | I                          |       | NING SIGNS  | <b>_</b>   | DESCRIPTION  |                       | -       |                    | GUIDE SIGNS   |             | I.   | DESCRIPTION   | NUM             |                       | DESCRIPTION   | PR       | NUMBER 188  |
| WO1-1L             | 48X48 16.00                |       |             |            | TURN (SYMBOL LEFT ARROW)   | E05-1                 | 36X48   | 8 12.00            |               |             |      | GORE EXIT   | 61220           |                       | IMPACT ATTENUATOR 40 MPH (SAND BARRELS)   | <b>X</b> | PE-2018003138   |
| WO1-1R             | 48X48 16.00                |       |             |            | TURN (SYMBOL RIGHT ARROW)  | E05-2                 |         | 6 12.00            |               |             |      | EXIT OPEN   | 61220           | 09                    | IMPACT ATTENUATOR 45 MPH (SAND BARRELS)   | . (*     | ONALO   |
| WO1-2L             | 48X48 16.00                |       |             |            | CURVE (SYMBOL LEFT ARROW)  | E05-2a                |         | 6 12.00            |               |             |      | EXIT CLOSED   | 61220           |                       | ,   |          |   |
| WO1-2R<br>WO1-3L   | 48X48 16.00<br>48X48 16.00 |       |             |            | CURVE (SYMBOL RIGHT ARROW)  REVERSE TURN (SYMBOL LEFT ARROW)                                 | GO20-1<br>GO20-2      |         | 4 10.00<br>4 8.00  |               |             |      | ROAD WORK NEXT XX MILES END ROAD WORK                         | 61220           |                       | IMPACT ATTENUATOR 55 MPH (SAND BARRELS)  IMPACT ATTENUATOR 60 MPH (SAND BARRELS)  | ¦—       | DATE PREPARED   |
| WO1-3R             | 48X48 16.00                |       |             |            | REVERSE TURN (SYMBOL RIGHT ARROW)  | GO20-4                |         | 8 4.50             |               |             |      | PILOT CAR FOLLOW ME   | 61220           |                       | IMPACT ATTENUATOR 65 MPH (SAND BARRELS)   | :        | 4/14/2024   |
| WO1-4L             | 48X48 16.00                |       |             |            | REVERSE CURVE (SYMBOL LEFT ARROW)  | GO20-4a               | 42X30   | 0 8.75             |               |             |      | PILOT CAR IN USE WAIT & FOLLOW                                | 61220           | 19                    | IMPACT ATTENUATOR 70 MPH (SAND BARRELS)   |          | ROUTE STATE MM MO                                       |
| WO1-4R             | 48X48 16.00                |       | 16          | 15         | REVERSE CURVE (SYMBOL RIGHT ARROW)   | GO20-4a               |         | 2 1.50             |               |             |      | PILOT CAR IN USE WAIT & FOLLOW                                | 61220           |                       |   |          | STRICT SHEET NO.  |
| WO1-4bL<br>WO1-4bR | 48X48 16.00<br>48X48 16.00 |       |             |            | DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)  DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS) | GO20-5aP<br>MO4-8a    |         | 4 6.00<br>8 3.00   | 1 3           |             | FO   | WORK ZONE (PLAQUE) END DETOUR                                 | 61220           |                       | IMPACT ATTENUATOR (RELOCATION) TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)  |          | SL 3  |
| WO1-46K<br>WO1-4cL | 48X48 16.00                |       |             |            | TRIPLE ARROW REVERSE CURVE (SYMBOL KT ARROWS)  | MO4-9L                |         | 6 12.00            | 1 3           |             | 32   | DETOUR (LEFT ARROW)   | 61610           |                       | ADVANCED WARNING RAIL SYSTEM  |          | FRANKL IN   |
| WO1-4cR            | 48X48 16.00                |       |             |            | TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)  | MO4-9R                |         | 6 12.00            |               |             |      | DETOUR (RIGHT ARROW)  | 61610           |                       | BUOYS (BOATS KEEP OUT)  |          | JOB NO.   |
| WO1-6              | 60X30 12.50                |       |             |            | HORIZONTAL ARROW (SYMBOL)  | MO4-9P                |         | 2 4.00             |               |             |      | STREET NAME (PLAQUE)  | 61610           |                       | BUOYS (NO WAKE)   | <u> </u> | J6S3368   |
| WO1-6a<br>WO1-7    | 72X36 18.00<br>60X30 12.50 |       |             |            | HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)   | MO4-10L<br>MO4-10R    |         | 8 6.00<br>8 6.00   |               |             |      | DETOUR (ARROW LEFT)   | 61610           |                       | SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)  |          | CONTRACT ID.  |
| WO1-7<br>WO1-7a    | 72X36 18.00                |       |             |            | DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)  DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)      | WIO4-10K              | 40 / 10 |                    | REGULATOR     | Y SIGNS     |      | DETOUR (ARROW RIGHT)  | 61610           |                       | CHANNELIZER (TRIM LINE) TYPE III MOVEABLE BARRICADE   |          | PROJECT NO.   |
| WO1-8              | 18X24 3.00                 |       |             |            | CHEVRON (SYMBOL)   | R1-1                  | 48X48   | 8 13.25            | TREGOE/ (FOIL |             |      | STOP  | 61610           |                       | DIRECTION INDICATOR BARRICADE   | :└─      | BRIDGE NO.  |
| WO1-8a             | 30X36 7.50                 |       |             |            | CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)  | R1-2                  | 48TRI.  | 6.93               |               |             |      | YIELD   | 61610           | 40                    | FLASHING ARROW PANEL  |          | BRIDGE NO.  |
| WO3-1              | 48X48 16.00                |       |             |            | STOP AHEAD (SYMBOL)  | R1-2a                 |         | 6 9.00             |               |             |      | TO ONCOMING TRAFFIC (PLAQUE)                                  | 61610           |                       | TYPE III OBJECT MARKER  |          | $\top$  |
| WO3-2<br>WO3-3     | 48X48 16.00<br>48X48 16.00 |       | 32          | 12         | YIELD AHEAD (SYMBOL) SIGNAL AHEAD (SYMBOL)   | R1-3P<br>R2-1         |         | 2 2.50<br>8 12.00  |               |             |      | ALL WAY (PLAQUE) SPEED LIMIT XX                               | 61610<br>61610  |                       | SEQUENTIAL FLASHING WARNING LIGHT TUBULAR MARKER  |          |   |
| WO3-4              | 48X48 16.00                | _     | 32          | 12         | BE PREPARED TO STOP  | R3-1                  |         | 8 16.00            |               |             |      | NO RIGHT TURN (SYMBOL)  | 61610           |                       | RADAR SPEED ADVISORY SYSTEM   |          |   |
| WO3-5              | 48X48 16.00                |       |             |            | SPEED LIMIT AHEAD  | R3-2                  | 48X48   | 8 16.00            |               |             |      | NO LEFT TURN (SYMBOL)   |                 |                       | CHANGEABLE MESSAGE SIGN,  |          |   |
| WO4-1L             | 48X48 16.00                |       |             |            | MERGE (SYMBOL FROM LEFT)   | R3-3                  |         | 6 9.00             |               |             |      | NO TURNS  | 61610           | 96                    | COMMISSION FURNISHED/RETAINED   |          |   |
| WO4-1R<br>WO4-1aL  | 48X48 16.00<br>48X48 16.00 |       |             |            | MERGE (SYMBOL FROM RIGHT) MERGE (ARROW SYMBOL)   | R3-4<br>R3-7L         |         | 8 16.00<br>0 6.25  |               |             |      | NO U-TURN (SYMBOL) LEFT LANE MUST TURN LEFT                   | -  <br>         | 287                   | CHANGEABLE MESSAGE SIGN W/O COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED   | I.P      |   |
| WO4-1aL<br>WO4-1aR |                            |       |             |            | MERGE (ARROW SYMBOL)   | R3-7L<br>R3-7R        |         | 0 6.25             |               |             |      | RIGHT LANE MUST TURN RIGHT                                    | 1010108         | 76A                   | CHANGEABLE MESSAGE SIGN WITH COMM.  | SCR      |   |
| WO5-1              | 48X48 16.00                |       |             |            | ROAD/BRIDGE/RAMP NARROWS   | R4-1                  |         | 8 12.00            |               |             |      | DO NOT PASS   | 61610           | 99                    | INTERFACE - CONTRACTOR FURNISHED/RETAINED   |          |   |
| WO5-3              | 48X48 16.00                |       |             |            | ONE LANE BRIDGE  | R4-2                  |         | 8 12.00            |               |             |      | PASS WITH CARE  | 616200          |                       |   |          |   |
| WO5-5              | 48X48 16.00                |       |             |            | NARROW LANES   | R4-8a                 |         | 8 12.00            |               |             |      | KEEP LEFT (HORIZONTAL ARROW)                                  | 61620           | 02                    | TEMPORARY LONG-TERM RUMBLE STRIPS   |          |   |
| WO6-1<br>WO6-2     | 48X48 16.00<br>48X48 16.00 |       |             |            | DIVIDED HIGHWAY (SYMBOL) DIVIDED HIGHWAY END (SYMBOL)  | R4-7a<br>R5-1         |         | 8 12.00<br>0 6.25  |               |             |      | KEEP RIGHT (HORIZONTAL ARROW)  DO NOT ENTER                   | 617360          | 750′ <del>*</del>     | TEMPORARY TRAFFIC BARRIER  ** CONTRACTOR FURNISHED/RETAINED   |          |   |
| WO6-3              | 48X48 16.00                |       |             |            | TWO WAY TRAFFIC (SYMBOL)   | R5-1a                 | 36X24   |                    |               |             |      | WRONG WAY   | 1011000         | ,02                   | TEMPORARY TRAFFIC BARRIER   |          |   |
| WO7-3a             | 30X24 5.00                 |       |             |            | NEXT XX MILES (PLAQUE)   | R6-1L                 |         | 8 6.75             |               |             |      | ONE WAY ARROW (LEFT)  | 617360          | )2B                   | CONTRACTOR FURNISHED/COMMISSION RETAINED  | TAC      |   |
| WO8-1              | 48X48 16.00                |       |             |            | BUMP   | R6-1R                 |         | 8 6.75             |               |             |      | ONE WAY ARROW (RIGHT)   | 617400          |                       | TEMP. TRAFFIC BARRIER HEIGHT TRANSITION   |          |   |
| WO8-2<br>WO8-3     | 48X48 16.00<br>48X48 16.00 |       |             |            | DIP PAVEMENT ENDS  | R6-2L<br>R6-2R        | 24X30   | 0 5.00<br>0 5.00   |               |             |      | ONE WAY (LEFT) ONE WAY (RIGHT)                                | 617501          | 10A 750° <del>3</del> | ★ RELOCATING TEMPORARY TRAFFIC BARRIER  TEMPORARY TRAFFIC BARRIER  TEMPORARY TRAFFIC BARRIER  TEMPORARY TRAFFIC BARRIER  **TRAFFIC BARRIER**  **TRAFFIC | N N      | TOL<br>102<br>36)                                       |
| WO8-4              | 48X48 16.00                |       |             |            | SOFT SHOULDER  | R9-9                  |         | 2 2.00             |               |             |      | SIDEWALK CLOSED   | 617600          | 00B                   | COMMISSION FURNISHED/RETAINED   | \I<br> - | CAP 17<br>MO 65 (75-66)                                 |
| WO8-5              | 48X48 16.00                |       |             |            | SLIPPERY WHEN WET (SYMBOL)   |                       |         |                    |               |             |      | SIDEWALK CLOSED AHEAD,  |                 |                       | TEMP. TRAFFIC BARRIER HEIGHT TRANSITION   | RT,      | C / C /   |
| WO8-6              | 48X48 16.00                |       |             |            | TRUCK CROSSING (WITH FLAGS)  | R9-11L                | 24X18   | 8 3.00             |               |             |      | (ARROW LEFT) CROSS HERE                                       | 617700          |                       | COMMISSION FURNISHED/RETAINED   | : N      | D5 WEST<br>CITY• I                                      |
| WO8-6c<br>WO8-7    | 48X48 16.00<br>36X36 9.00  |       |             |            | TRUCK ENTRANCE LOOSE GRAVEL  | -   <sub>R9-11R</sub> | 24X18   | 8 3.00             |               |             |      | SIDEWALK CLOSED AHEAD,<br>(ARROW RIGHT) CROSS HERE            | 620806<br>90294 |                       | TEMPORARY RAISED PAVEMENT MARKER TEMPORARY TRAFFIC SIGNALS  | H AN     | 7 20 V  |
| WO8-7<br>WO8-7a    | 36X36 9.00                 |       |             |            | FRESH OIL/LOOSE GRAVEL   | R10-6                 |         | 6 6.00             | 2 12          |             | 47   | STOP HERE ON RED (45^ ARROW)                                  | 90294           |                       | TEMPORARY TRAFFIC SIGNALS AND LIGHTING  | . E Z    | Son<br>Son  |
| WO8-9              | 48X48 16.00                |       |             |            | LOW SHOULDER   | R11-2                 | 48X30   | 0 10.00            | 2 20          |             | 29   | ROAD CLOSED   |                 | 4**                   | NTCIP COMPLIANT CHANGEABLE MESSAGE SIGN,  | AND      | ERS   |
|                    | 48X48 16.00                |       | 96          |            | UNEVEN LANES   | _                     |         | .                  | 3 38          |             | 55B  | ROAD CLOSED XX MILES AHEAD                                    | 6169            | 902                   | CONTRACTOR FURNISHED/RETAINED   | -        | _   _   |
| WO8-12             | 48X48 16.00<br>48X48 16.00 |       | 64          | 35         | NO CENTER LINE GROOVED PAVEMENT  | R11-3a<br>R11-4       |         | 0 12.50<br>0 12.50 | 2 25          |             | 55.4 | LOCAL TRAFFIC ONLY  ROAD CLOSED TO THRU TRAFFIC               | -  <br>         | 408′ <del>*</del>     | **   TEMPORARY TRAFFIC BARRIER ANCHORED-<br>CONTRACTOR FURNISHED/RETAINED-  | : X      |   |
|                    | 30X24 5.00                 |       |             |            | MOTORCYCLE (PLAQUE)  | CONST-3A              |         |                    | 2 23          |             | JJA  | FINE SIGN   | 6207            |                       |   | ¥ M      |   |
| WO8-17             | 48X48 16.00                | 4     | 64          | 23         | SHOULDER DROP-OFF (SYMBOL)   | CONST-3X              | 56X12   | 2 4.67             |               |             |      | SPEEDING/PASSING (PLATE)                                      | 6208            |                       | 4 IN TEMPORARY PAVEMENT MARKING PAINT   | 16H      | _ ∩ W ₽   |
|                    | 30X24 5.00                 |       | 20          | 23         | SHOULDER DROP-OFF (PLAQUE)   |                       |         |                    | MISCELLANE    | OUS SIGNS   |      |   | _'              |                       |   | - -      | 5/1/2   |
| W10-1<br>WO12-1    | 42RND. 9.62<br>24X24 4.00  |       |             |            | RAILROAD CROSSING DOUBLE DOWN ARROW (SYMBOL)   | CONST-5               |         |                    |               |             |      | POINT OF PRESENCE POINT OF PRESENCE                           | - ,             |                       | TRAFFIC CONTROL - 1 LUMP CUM  | L.       | [40]  |
|                    | 48X48 16.00                |       |             |            | LOW CLEARANCE (SYMBOL)   | CONST-7               | _       |                    |               |             |      | RATE OUR WORK ZONE  | /:              | 2\                    | TRAFFIC CONTROL = 1 LUMP SUM  | SSOU     | 4 🗸   |
|                    | 24X18 3.00                 |       |             |            | LOW CLEARANCE (PLAQUE)   | CONST-7               |         |                    |               |             |      | RATE OUR WORK ZONE  | <b>⊣ ′</b>      | <del></del>           | NO DIRECT PAY WILL BE MADE FOR LOCATING TRAFFIC CONTROL DEVICES.  | MIS      |   |
| WO12-2a            | 84X24 14.00                |       |             |            | OVERHEAD LOW CLEARANCE (FEET AND INCHES)   | CONST-8               |         |                    |               |             |      | WORK ZONE NO PHONE ZONE                                       | ] '\'L'         |                       |   | F        |   |
| WO12-4             | 120X60 50.00               |       |             |            | LOW CLEARANCE XX FT XX IN XX MILES AHEAD   | M1-5a                 |         |                    | 28 112        |             |      |   |                 | CO                    | F NOT INCLUDED IN TEMPORARY TRAFFIC<br>NTROL LUMP SUM BID, CMS LOCATIONS TO   |          | ourt<br>1026<br>1226<br>0up.cc<br>1 of<br>110300        |
| WO12-5<br>WO13-1   | 120X60 50.00<br>30X30 6.25 |       |             |            | WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD ADVISORY SPEED (PLAQUE)                         | M04-8<br>M6-3         |         | 12 2.00<br>15 2.19 |               |             | 50A  |   | -               | BE                    | DETERMINED BY THE ENGINEER.   |          | ens Co<br>MO 63<br>1932-1<br>signign<br>in Cert         |
| WO16-2             | 30X24 5.00                 |       |             |            | XXX FEET (PLAQUE)  | M6-1                  |         | 15 2.19            |               |             | JUA  |   | 1               | ALL WAR               | NING SIGNS SHALL HAVE FLUORESCENT SHEETING.   |          | Cass<br>nton, 1<br>1(314)<br>skkde:<br>akkde:<br>hority |
| WO16-3             | 30X24 5.00                 |       |             |            | X MILE (PLAQUE)  | M5-1L                 | 21X1    | 15 2.19            | 4 9           |             | 50D  |   |                 | SIGN QU.              | ANTITIES HAVE BEEN ESTIMATED. TEMPORARY   |          | Fen Tel www.tre M M Auth                                |
| WO20-1             | 48X48 16.00                |       | 96          | 2          | ROAD/BRIDGE/RAMP WORK AHEAD  | M5-1R                 | 21X1    | 15 2.19            | 4 9           |             | 50B  |   |                 | TRAFFIC               | CONTROL SHOULD FOLLOW MUTCD STANDARDS.  |          |   |
| WO20-2<br>WO20-3   | 48X48 16.00<br>48X48 16.00 |       | 128         |            | DETOUR AHEAD  ROAD CLOSED AHEAD  |                       |         | +                  |               |             |      |   | -               |                       |   |          |   |
| WO20-3<br>WO20-4   | 48X48 16.00                |       | 96          | 7          | ONE LANE ROAD AHEAD  | 616-10.0              | 15      |                    | TOTAL         |             |      |   |                 |                       |   |          |   |
| WO20-5             | 48X48 16.00                |       |             |            | RIGHT/CENTER/LEFT LANE CLOSED AHEAD  |                       |         | ON SIGNS           |               | -           |      |   |                 |                       |   |          |   |
| WO20-5a            |                            |       |             |            | 2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD   | 616-10.1              | 0       |                    |               | TOTAL       |      | DISCLAIMER  |                 |                       |   |          |   |
|                    | 48X48 16.00                |       | 6.4         |            | RIGHT/CENTER/LEFT LANE CLOSED  | RELOCA                | ATED S  | SIGNS              |               | *           |      | PROFESSIONAL WHOSE SIGNATURE L APPEAR HEREON ASSUMES RESPON   |                 |                       |   |          |   |
|                    | 48X48 16.00<br>36X36 9.00  |       | 64          | 8          | FLAGGER (SYMBOL, WITH FLAGS) FRESH OIL   | =                     |         |                    |               |             | ONL  | Y FOR WHAT APPEARS ON THIS PAG                                | E, AND          |                       | A   |          | 5   |
| WO21-2<br>WO21-5   | 48X48 16.00                |       |             |            | SHOULDER WORK AHEAD  | +                     |         |                    |               |             |      | CLAIMS (PURSUANT TO SECTION 32 CIFICATION, ESTIMATES, REPORTS |                 |                       | 2 REVISED   |          | S   |
|                    | 48X48 16.00                |       |             |            | BLASTING ZONE AHEAD  |                       |         |                    |               |             | DOC  | UMENTS OR INSTRUMENTS NOT SEAL                                | ED BY           | THE                   | <u> </u>  |          | ٥   |
| WO22-2             | 42X36 10.50                |       |             |            | TURN OFF 2-WAY RADIO AND PHONE   | _                     |         |                    |               |             |      | ERSIGNED PROFESSIONAL RELATING ENDED TO BE USED FOR ANY PART  |                 |                       | SUMMARY OF QUANTITIES   |          | SUMMARY OF  |
|                    | 42X36 10.50<br>21X15 2.19  |       |             |            | END BLASTING ZONE WET PAINT (ARROW PIVOTS)   | =                     |         |                    |               |             |      | PROJECT TO WHICH THIS PAGE RE                                 |                 | IJ UF                 | SHEET 6 OF 6  |          | QUANTITIES  |
| GU22-1             | 2.19                       |       |             |            | ANTI WINT (WINTON LINGS)   |                       |         |                    |               |             |      |   |                 |                       |   | 1        | ROUTE MM  |

ROUTE MM SHEET 6 OF 6



CHANNELIZER (TRIM-LINE)

PORTABLE TRAFFIC SIGNAL & LUMINARE

24" WHITE STOP BAR

ADVANCED WARNING RAIL SYSTEM

WORK AREA

LANE CLOSURE ON TWO-LANE ROAD

USING TRAFFIC CONTROL SIGNALS



(15)



STOP HERE ON R10-6I

DISCLAIMER THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

NOTES:

FOR PORTABLE TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNAL, AND TYPICAL ACTUATED PHASING, SEE EPG 616.8.12d PORTABLE TRAFFIC SIGNAL, TEMPORARY TRAFFIC BARRIER DETAILS AND SEE 616.8.12b ESTIMATED AVERAGE PEAK HOUR SIGNAL DELAY FOR SIGNAL CONTROL ONE-LANE TWO-WAY OPERATION.

- (1) SIGNING AND PAVEMENT MARKING IDENTICAL ON BOTH APPROACHES.
- (2) 75' RECOMMENDED SPACING. SPACING MAY BE BETWEEN 40' AND 150'
- (3) NON-INTRUSIVE DETECTION IS PREFERRED. HOWEVER, IF OTHER VEHICLE INTERFERENCE IS PRESENT (I.E. PARKING LOTS OR SIDE ROAD ACTIVITY), THEN OTHER DETECTION METHODS MAY BE USED.
- (4) IF SIDE ROADS OR DRIVEWAY OCCUR WITHIN THE LIMITS OF THE STOP BARS, ADDITIONAL INDICATIONS AND PHASING ARE REQUIRED, FURTHERMORE, RIGHT TURNS SHALL BE PROHIBITED FROM THESE ACCESS POINTS DURING THE RED
- (5) FLARE BARRIER TO EXTEND BEYOND CLEAR ZONE OR FLARE BARRIER TO EDGE LINE AND USE APPROVED END TREATMENT, UPON THE DISCRETION OF THE SUPERVISOR OR ENGINEER, THE END TREATMENT MAY BE LOCATED WITHIN THE ROADWAY IF THERE IS NOT ENOUGH WIDTH TO GET EQUIPMENT OR VEHICLES INTO THE WORK AREA. BARRIER FLARE RATE IS 8:1.
- IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.
- SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.
- FOR FLAGS AND ADVANCED WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

TEMPORARY TRAFFIC CONTROL SIGNALS SHALL BE INSTALLED AND OPERATED IN ACCORDANCE WITH THE PROVISIONS OF MUTCD PART 4.TEMPORARY TRAFFIC CONTROL SIGNALS SHALL MEET THE PHYSICAL DISPLAY AND OPERATIONAL REQUIREMENTS OF CONVENTIONAL TRAFFIC CONTROL SIGNALS.

TEMPORARY TRAFFIC CONTROL SIGNAL TIMING SHALL BE ESTABLISHED BY AUTHORIZED OFFICIALS. DURATIONS OF RED CLEARANCE INTERVALS SHALL BE ADEQUATE TO CLEAR THE ONE LANE SECTION OF CONFLICTING VEHICLES.

WHEN THE TEMPORARY TRAFFIC CONTROL SIGNAL IS CHANGED TO THE FLASHING MODE, EITHER MANUALLY OR AUTOMATICALLY, RED SIGNAL INDICATIONS SHALL BE FLASHED TO BOTH APPROACHES.

STOP LINES SHALL BE INSTALLED WITH TEMPORARY TRAFFIC CONTROL SIGNALS FOR INTERMEDIATE AND LONG-TERM CLOSURES. EXISTING CONFLICTING PAVEMENT MARKINGS AND RAISED PAVEMENT MARKER REFLECTORS BETWEEN THE ACTIVITY AREA AND THE STOP LINE SHALL BE REMOVED. AFTER THE TEMPORARY TRAFFIC CONTROL SIGNAL IS REMOVED. THE STOP LINES AND OTHER TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED AND THE PERMANENT PAVEMENT MARKINGS RESTORED.

SAFEGUARDS SHALL BE INCORPORATED TO AVOID THE POSSIBILITY OF CONFLICTING SIGNAL INDICATIONS AT EACH END OF THE TTC ZONE.

CMS LOCATIONS TO BE DETERMINED BY ENGINEER.

SIGN AND DEVICE LOCATION WILL BE FIELD VERIFIED AND APPROVED BY THE ENGINEER.

| SPEED   | SIGN SPACI  | NG (ft.)       | TAPER LENGTH | H (ft.)  | OPTIONAL                     | CHANNEL I ZER | SPACING (ft.)         |  |  |
|---|-------------|----------------|--------------|----------|------------------------------|---------------|-----------------------|--|--|
| PERM.<br>POSTED<br>(MPH)  | UN -DIVIDED | DIVIDED<br>(S) | SHOULDER (1) | LANE (2) | BUFFER<br>LENGTH (ft)<br>(B) | TAPERS        | BUFFER/<br>WORK AREAS |  |  |
| 0-35  | 200         | _              | _            | _        | 280                          | -             | 40                    |  |  |
| 40-45   | 350         | _              | _            | _        | 400                          | _             | 80                    |  |  |
| 50-55   | 500         | _              | _            | _        | 560                          | _             | 80                    |  |  |
| 60-70   | 1000        | _              | _            | _        | 840                          | _             | 120                   |  |  |
| 1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.<br>2. Lane taper length based on 12 ft. (standard lane width) offset. |             |                |              |          |                              |               |                       |  |  |

REVISED

DATE PREPARE 4/12/2024 MM MΟ ISTRI SHEET N SL 24 FRANKLIN J6S3368 CONTRACT ID PROJECT NO. BRIDGE NO.

RIDGWAY

NUMBER

Alica Ridge

TRAFFIC CONTROL SHEET ROUTE MM SHEET 1 OF 5

NOT TO SCALE