

DESIGN DESIGNATION

I-70 EAST/WEST BOUND
 A.A.D.T. - 2015 = 57474
 A.A.D.T. - 2035 = 70130
 D.H.V. = 8-12%
 T = 18.4%
 V = 70 MPH
 D = 50.3% EB 49.6% WB
 FUNCTIONAL CLASSIFICATION - INTERSTATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED
 STATE HIGHWAY
 ST. CHARLES COUNTY
 T48N , R1E

INDEX OF SHEETS

| DESCRIPTION | SHEET NUMBER |
|-----------------------------|--------------|
| TITLE SHEET | 1 |
| QUANTITIES (QU) (2 SHEETS) | 2 |
| PLAN SHEETS | 3-4 |
| TRAFFIC CONTROL SHEETS (TC) | 5-9 |
| CULVERT SECTIONS (CS) | XS1-XS5 |

| | |
|---------------------------|----------------|
| DATE PREPARED 1/6/2016 | |
| ROUTE I-70 | STATE MO |
| DISTRICT SL | SHEET NO. 1 |
| COUNTY ST. CHARLES | |
| JOB NO. WRSC070B | |
| CONTRACT ID. | |
| PROJECT NO. | |
| BRIDGE NO. | |



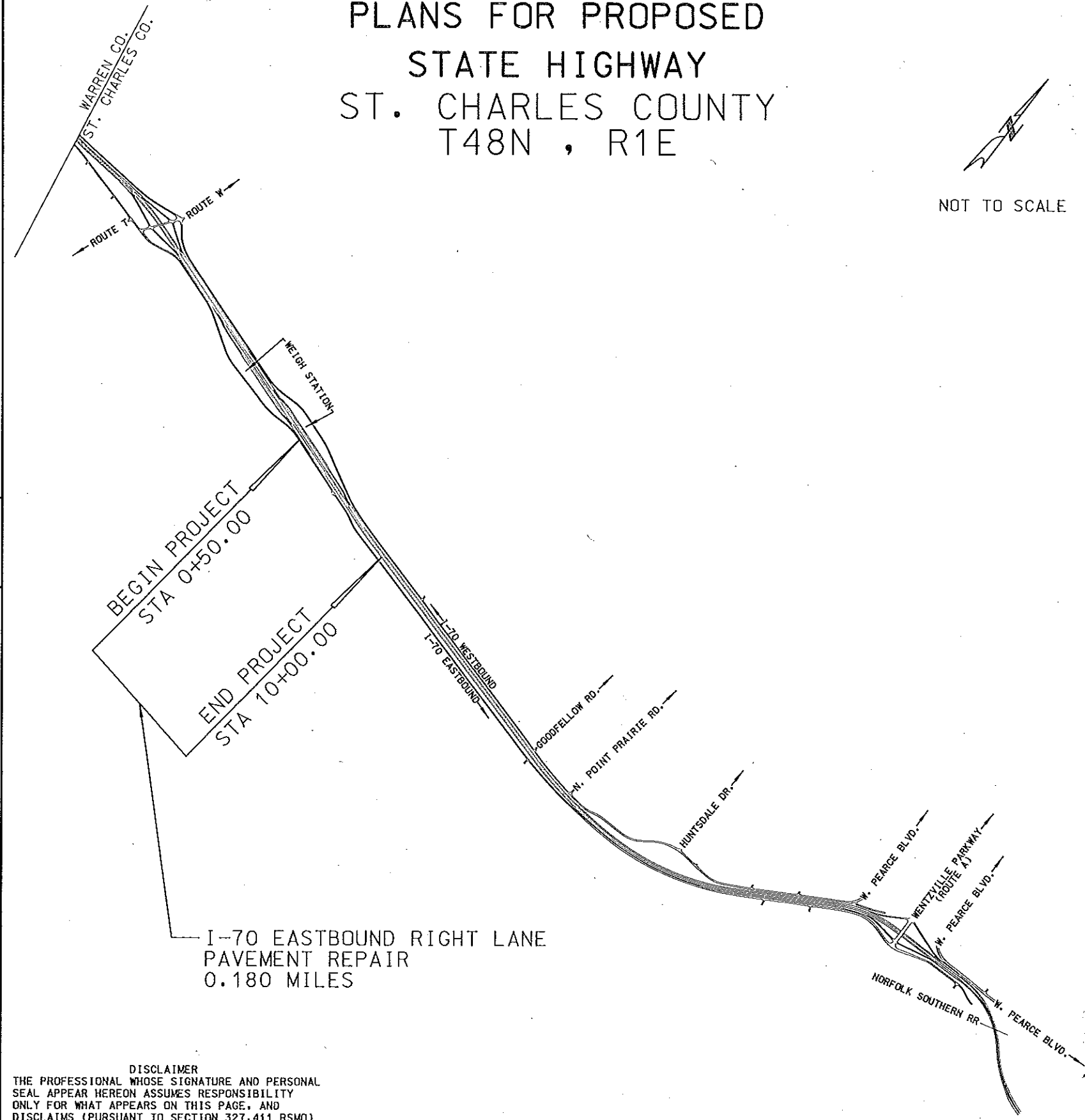
NOT TO SCALE

NO ADDITIONAL R/W WILL BE ACQUIRED FOR THIS PROJECT

CONVENTIONAL SYMBOLS
 (USED IN PLANS)

| | EXISTING | NEW |
|------------------------------|----------|-----|
| BUILDINGS AND STRUCTURES | | |
| GUARD RAIL | | |
| CONCRETE RIGHT-OF-WAY MARKER | | |
| STEEL RIGHT-OF-WAY MARKER | | |
| LOCATION SURVEY MARKER | | |
| UTILITIES | | |
| FIBER OPTICS | | |
| OVERHEAD TELEPHONE | | |
| UNDERGROUND TELEPHONE | | |
| OVERHEAD POWER | | |
| UNDERGROUND POWER | | |
| GAS | | |
| WATER | | |
| 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



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LENGTH OF PROJECT

I-70 EASTBOUND RIGHT LANE:

| | |
|----------------------|---------------|
| BEGINNING OF PROJECT | STA. 0+50.00 |
| END OF PROJECT | STA. 10+00.00 |
| APPARENT LENGTH | 950.00 FEET |

EQUATIONS AND EXCEPTIONS:
 NONE

| | |
|---------------|-------------|
| ACTUAL LENGTH | 950.00 FEET |
|---------------|-------------|

| | |
|---------------------------|-------------|
| NET LENGTH OF PROJECT: | 950.00 FEET |
| STATE LENGTH OF PROJECTS: | 0.180 MILES |

| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Table with columns: SIGN, SIZE, AREA, QTY, TOTAL AREA, QTY RELOC, TOTAL RELOC AREA, DESCRIPTION. Includes sections for WARNING SIGNS, REGULATORY SIGNS, and MISCELLANEOUS SIGNS.

Table with columns: SIGN, SIZE, AREA, QTY, TOTAL AREA, QTY RELOC, TOTAL RELOC AREA, DESCRIPTION. Includes sections for GUIDE SIGNS and MISCELLANEOUS SIGNS.

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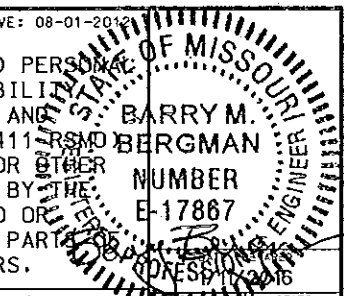


Table with columns: ITEM NUMBER, TOTAL QTY, DESCRIPTION. Lists various traffic signs and their quantities.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



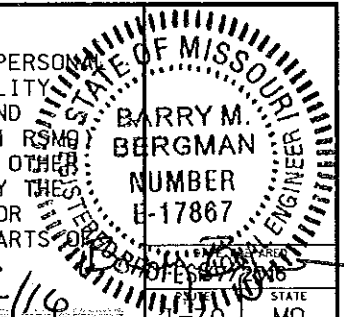
SUMMARY OF QUANTITIES SHEET 2 OF 2

105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6666)

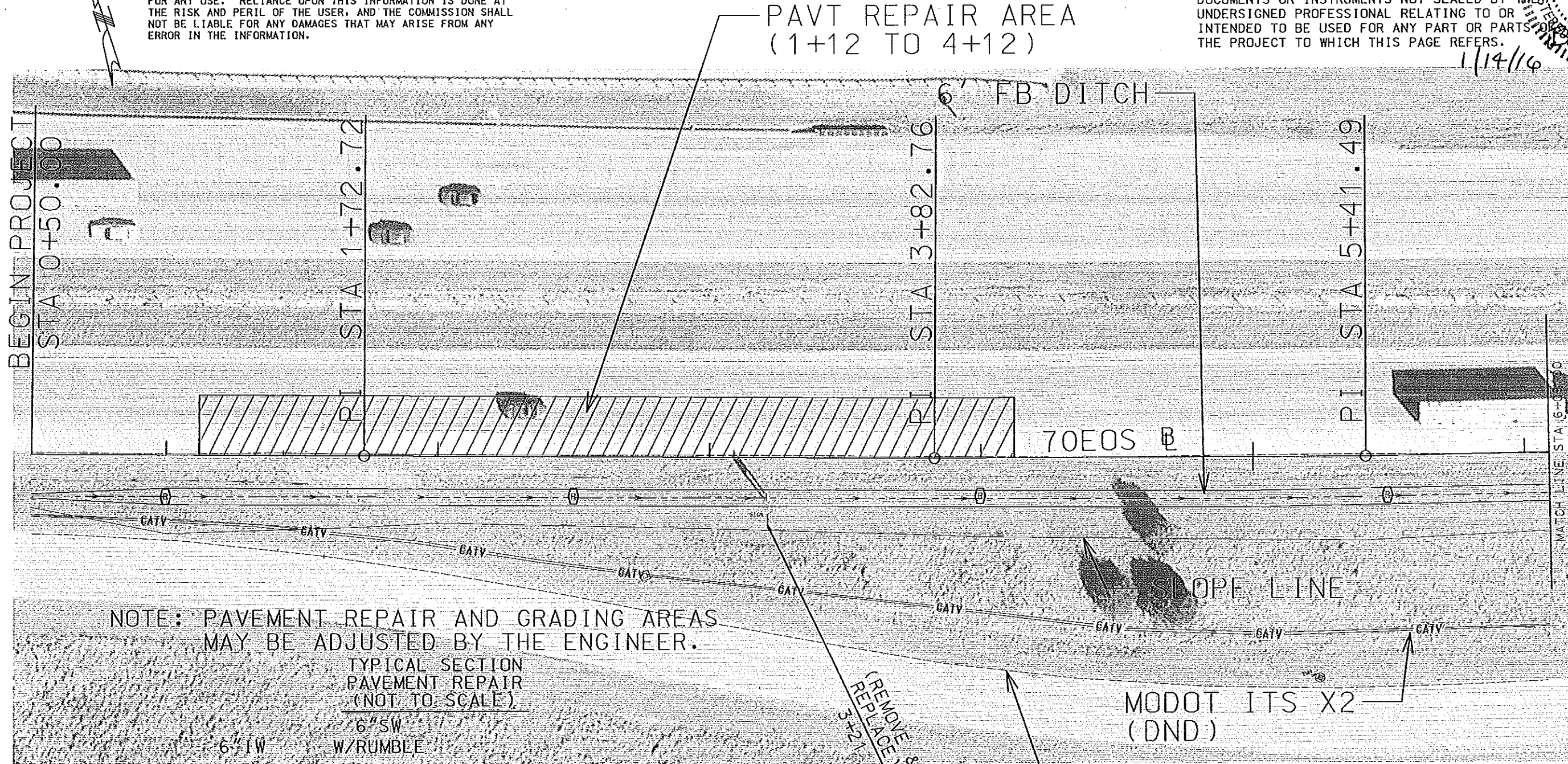
THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY 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.

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.

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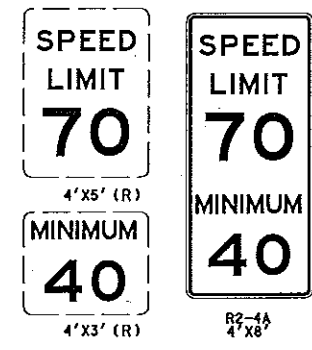
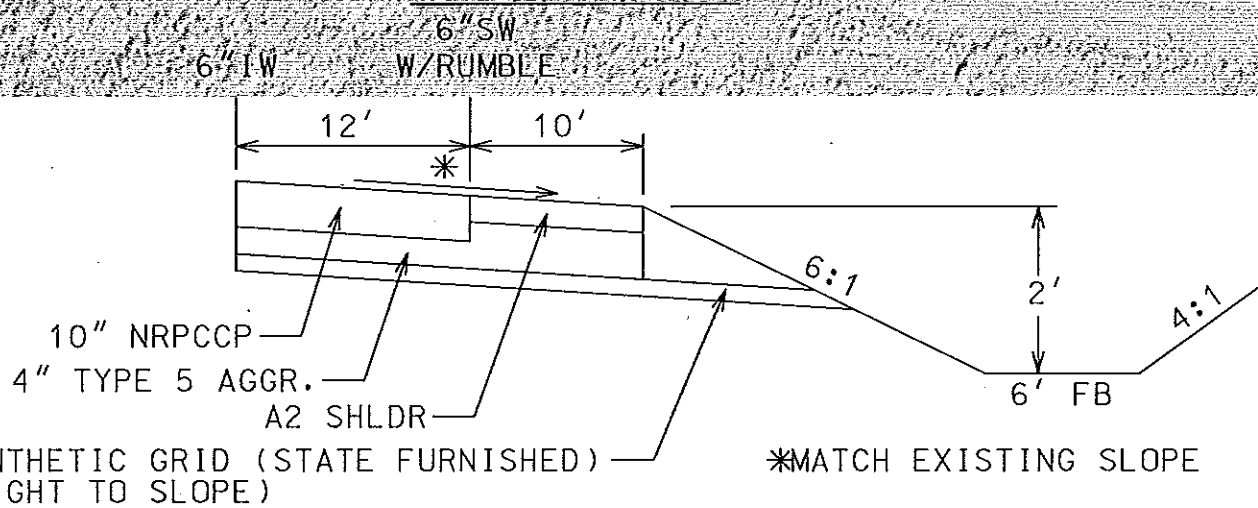


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|--------------|-------|
| DISTRICT | STATE |
| SL | MD |
| SHEET NO. | |
| 3 | |
| COUNTY | |
| ST. CHARLES | |
| JOB NO. | |
| WRSC070B | |
| CONTRACT ID. | |
| PROJECT NO. | |
| BRIDGE NO. | |

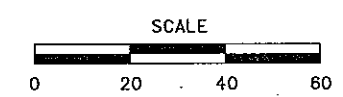


NOTE: PAVEMENT REPAIR AND GRADING AREAS MAY BE ADJUSTED BY THE ENGINEER.

TYPICAL SECTION PAVEMENT REPAIR (NOT TO SCALE)



⊙ ROCK DITCH CHECK

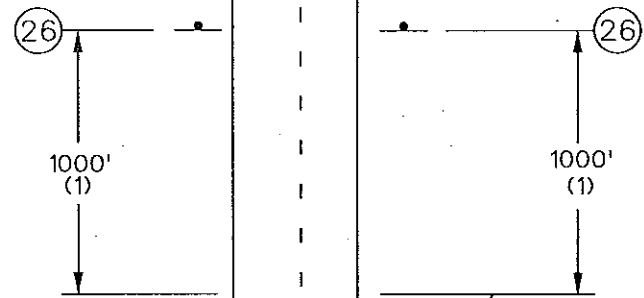


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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

I-70 PAVEMENT REPAIR SHEET 1 OF 2

REV. 30 DEC 2015



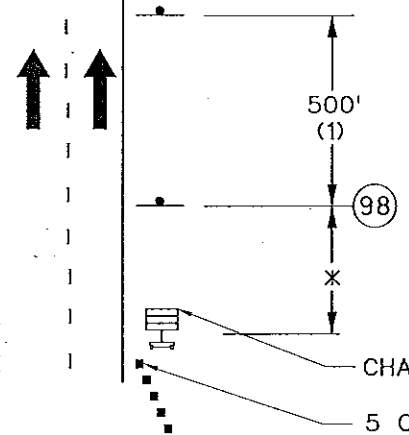
END OF PROJECT LIMITS; END OF WORK ZONE TERMINATION AREA, IF LOCATED BEYOND END OF PROJECT; OR LAST WORK ZONE SIGN, IF LOCATED OUTSIDE PROJECT LIMITS.

END ROAD WORK

G020-2
(26)

Rate Our Work Zone
modot.org

CONST-7-72 (2)
(98)



* TO BE DETERMINED BY THE ENGINEER.

MULTI-LANE DIVIDED

CHANGEABLE MESSAGE SIGN
5 CHANNELIZERS AT 20' SPACING

NOTES:

ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

NO DIRECT PAY WILL BE MADE FOR RELOCATION OF TCP SIGNS AND DEVICES.

- (1) SIGN SPACING MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER FOR FIELD CONDITIONS.
- (2) SIGN CONST-7-72 OR CONST 7-48 IS PLACED 500 FEET BEFORE THE BEGINNING OF PROJECT LIMITS OR THE ROAD WORK AHEAD SIGNOR ROAD WORK NEXT XX MILES SIGN. IF USED, WHEN THESE SIGNS ARE LOCATED OUTSIDE THE PROJECT LIMITS.
- (3) CONST-5-96 OR CONST 5-36 SIGN IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-7-72 OR 7-48.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- E BARRICADE
- ☐ CHANGEABLE MESSAGE SIGN

STATE OF MISSOURI
REGISTERED PROFESSIONAL ENGINEER
BARRY M. BERGMAN
NUMBER E-17867
1/14/16

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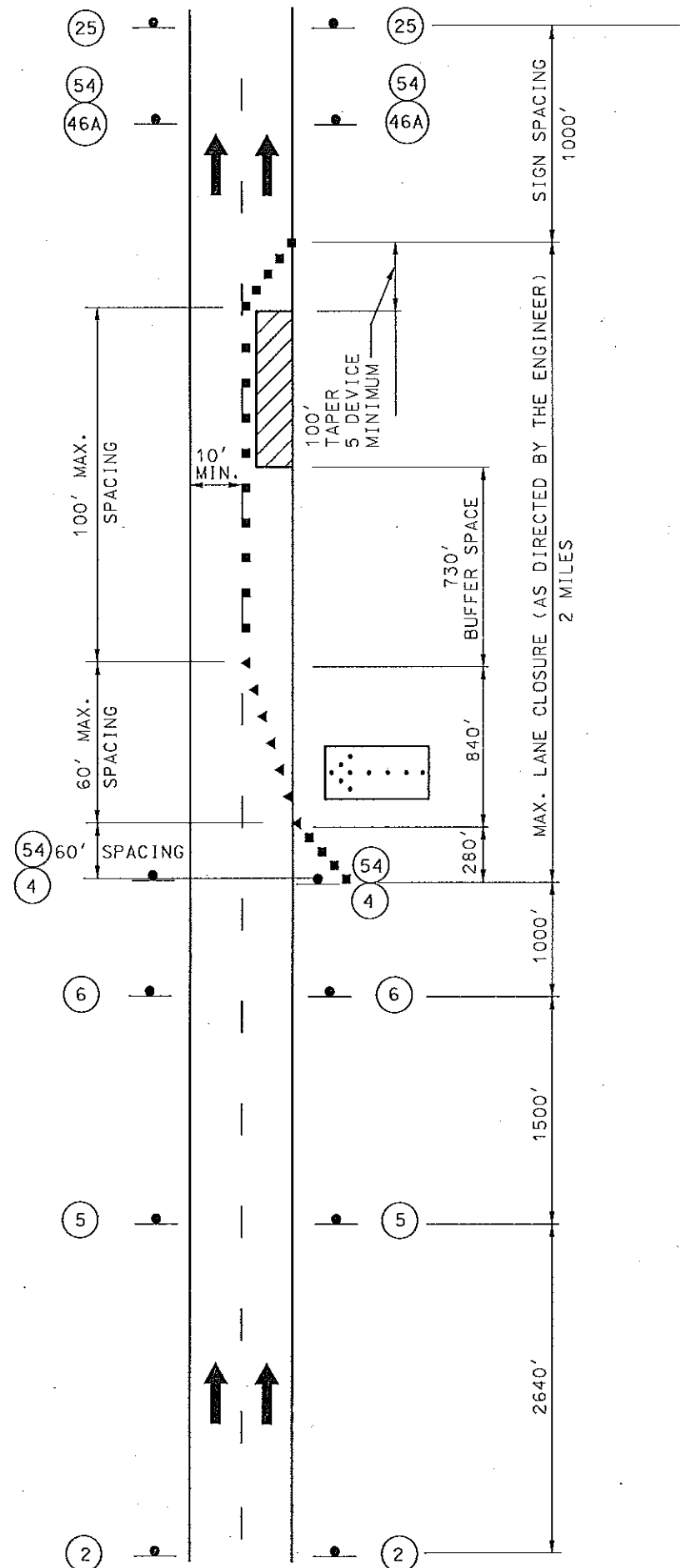
NOT TO SCALE

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|----------------------------|----------------|
| DATE PREPARED 1/11/2016 | |
| ROUTE I-70 | STATE MO |
| DISTRICT SL | SHEET NO. 5 |
| COUNTY ST. CHARLES | |
| JOB NO. WRSC070B | |
| CONTRACT ID. | |
| PROJECT NO. | |
| BRIDGE NO. | |

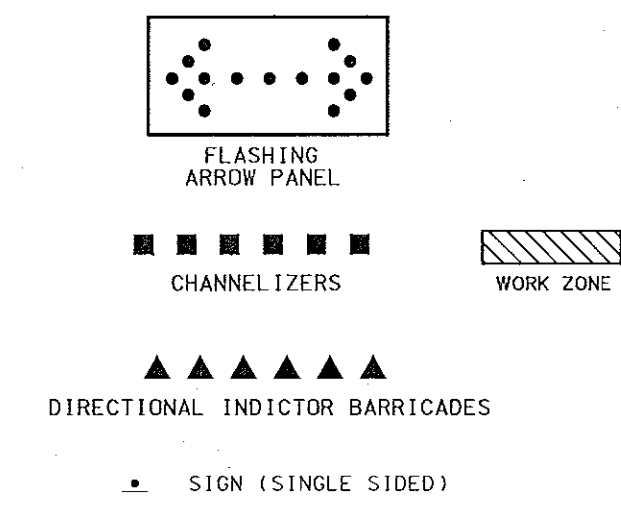
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
M&T
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

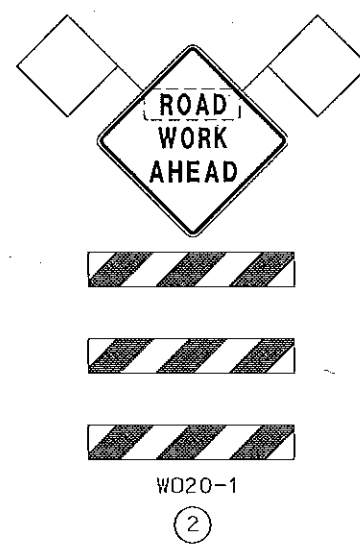
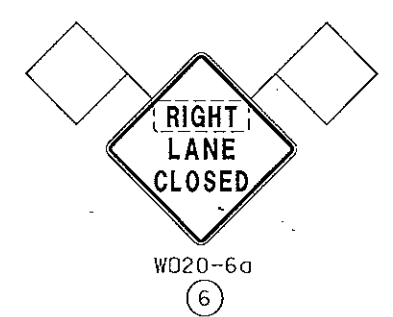
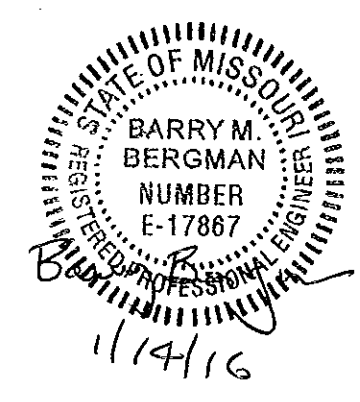
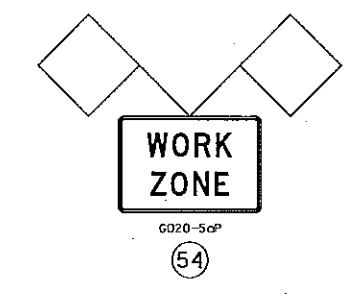
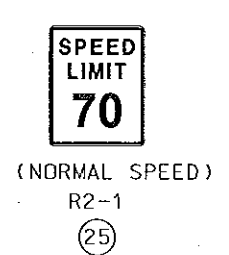
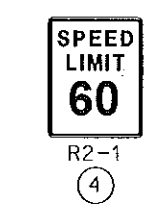
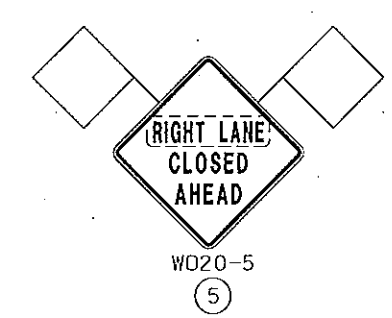
TRAFFIC CONTROL PLAN
BEGIN/END PROJECT
SHEET 1 OF 5



TRAFFIC CONTROL LEGEND



RIGHT LANE CLOSURE OF TWO-LANE DIVIDED HIGHWAY



- NOTES:**
1. NO DIRECT PAY WILL BE MADE FOR RELOCATING SIGNS.
 2. ALL EXISTING SIGNS CONFLICTING WITH TCP SHALL BE COVERED, NO PAY.
 3. SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
 4. SIGNS AND PORTABLE BASES SHALL BE REMOVED FROM THE ROADWAY AT THE END OF WORK EACH DAY
 5. SIGNS SHALL BE GROUND MOUNT WHERE POSSIBLE, AS DETERMINED BY THE ENGINEER
 6. CHEVRONS ON ROAD WORK AHEAD SIGN AWRS SHALL BE IN ACCORDANCE WITH 616.23.
 7. WHEN REPAIR IS WITHIN 24" OF SKIP LINE, BARRELS SHALL BE SHIFTED 24" INTO THE LEFT LANE, PARTIALLY SHIFTING TRAFFIC ONTO INSIDE SHOULDER.

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NOT TO SCALE

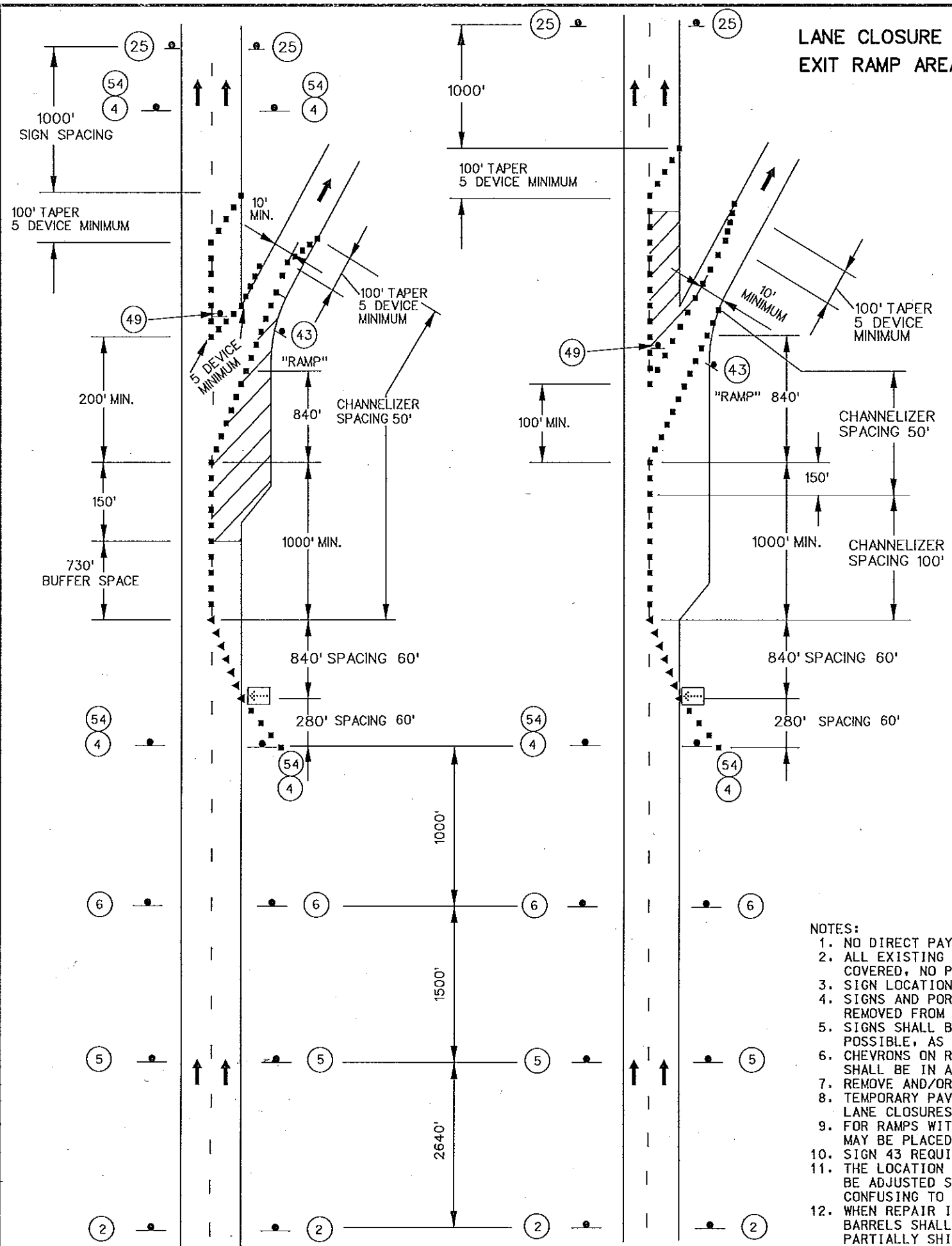
| | |
|----------------------------|----------------|
| DATE PREPARED 1/11/2016 | |
| ROUTE I-70 | STATE MO |
| DISTRICT SL | SHEET NO. 6 |
| COUNTY ST. CHARLES | |
| JOB NO. WRSC070B | |
| CONTRACT ID. | |
| PROJECT NO. | |
| BRIDGE NO. | |

| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 MDT
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MDOT (1-888-275-6636)

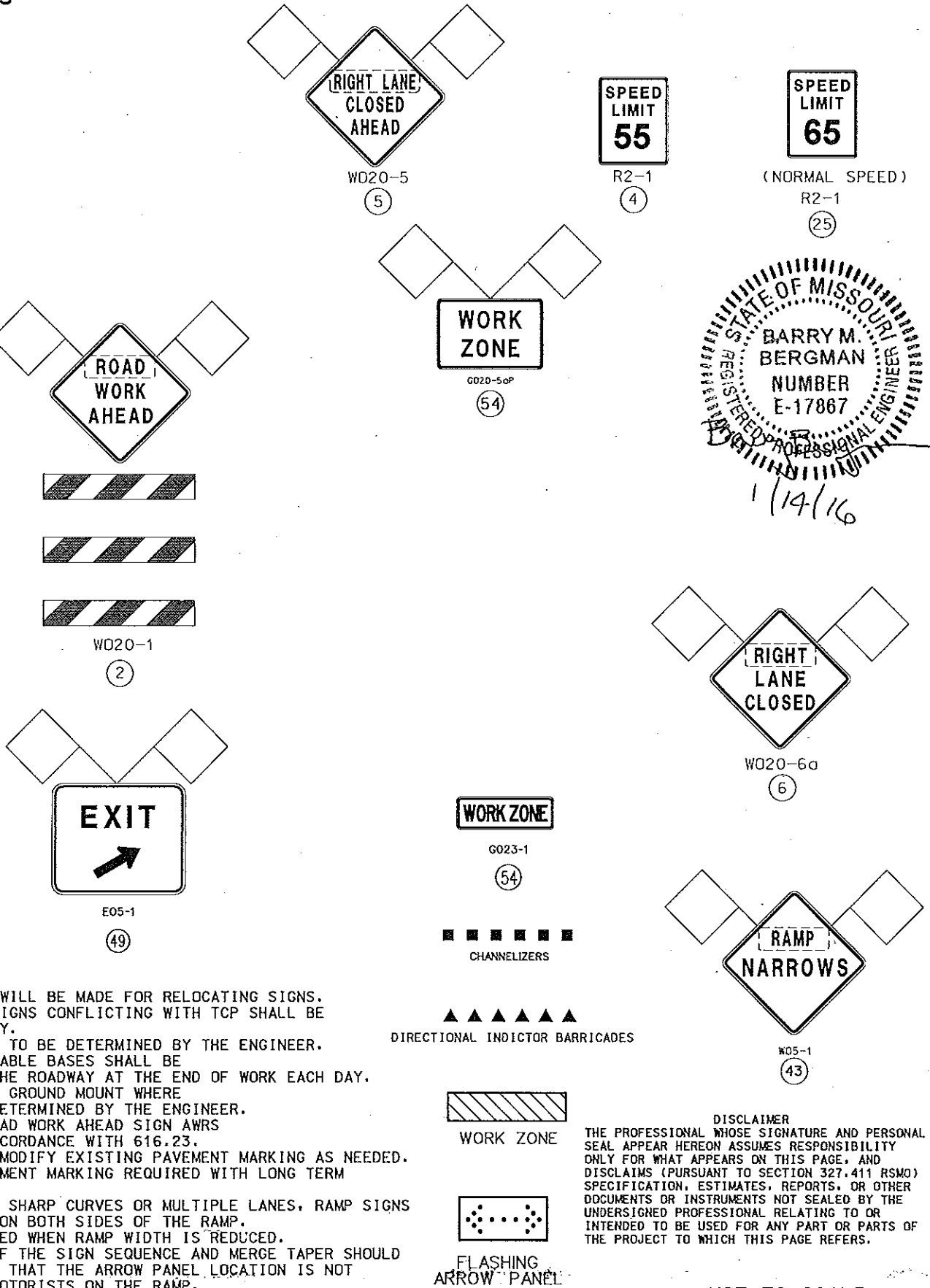
TRAFFIC CONTROL PLAN
 SHEET 2 OF 5

LANE CLOSURE
EXIT RAMP AREAS



NOTES:

1. NO DIRECT PAY WILL BE MADE FOR RELOCATING SIGNS.
2. ALL EXISTING SIGNS CONFLICTING WITH TCP SHALL BE COVERED, NO PAY.
3. SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
4. SIGNS AND PORTABLE BASES SHALL BE REMOVED FROM THE ROADWAY AT THE END OF WORK EACH DAY.
5. SIGNS SHALL BE GROUND MOUNT WHERE POSSIBLE, AS DETERMINED BY THE ENGINEER.
6. CHEVRONS ON ROAD WORK AHEAD SIGN AWRS SHALL BE IN ACCORDANCE WITH 616.23.
7. REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.
8. TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
9. FOR RAMP WITH SHARP CURVES OR MULTIPLE LANES, RAMP SIGNS MAY BE PLACED ON BOTH SIDES OF THE RAMP.
10. SIGN 43 REQUIRED WHEN RAMP WIDTH IS REDUCED.
11. THE LOCATION OF THE SIGN SEQUENCE AND MERGE TAPER SHOULD BE ADJUSTED SO THAT THE ARROW PANEL LOCATION IS NOT CONFUSING TO MOTORISTS ON THE RAMP.
12. WHEN REPAIR IS WITHIN 24" OF SKIP LINE, BARRELS SHALL BE SHIFTED 24" INTO THE LEFT LANE, PARTIALLY SHIFTING TRAFFIC ONTO INSIDE SHOULDER.



STATE OF MISSOURI
REGISTERED PROFESSIONAL ENGINEER
BARRY M. BERGMAN
NUMBER E-17867
1/14/16

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|----------------------------|----------------|
| DATE PREPARED 1/11/2016 | |
| ROUTE I-70 | STATE MO |
| DISTRICT SL | SHEET NO. 9 |
| COUNTY ST. CHARLES | |
| JOB NO. WRSC070B | |
| CONTRACT ID. | |
| PROJECT NO. | |
| BRIDGE NO. | |

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL PLAN
SHEET 5 OF 5