

DESIGN DESIGNATION

A.A.D.T. - 2024 = 4151
 A.A.D.T. - 2044 = 4981
 V = 55 M.P.H.

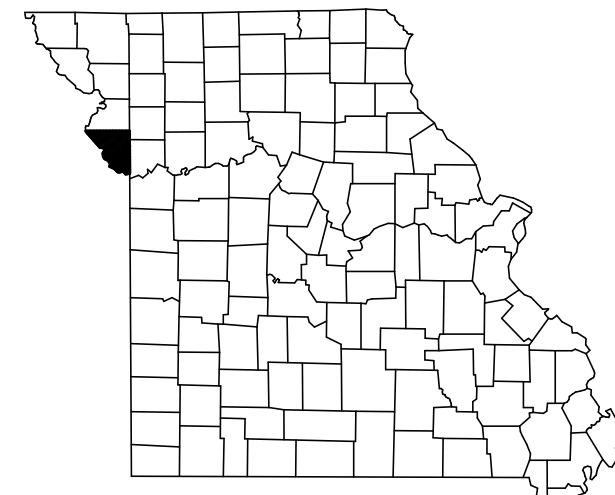
FUNCTIONAL CLASSIFICATION- MINOR ARTERIAL

NO RIGHT OF WAY WILL BE ACQUIRED FOR THIS PROJECT

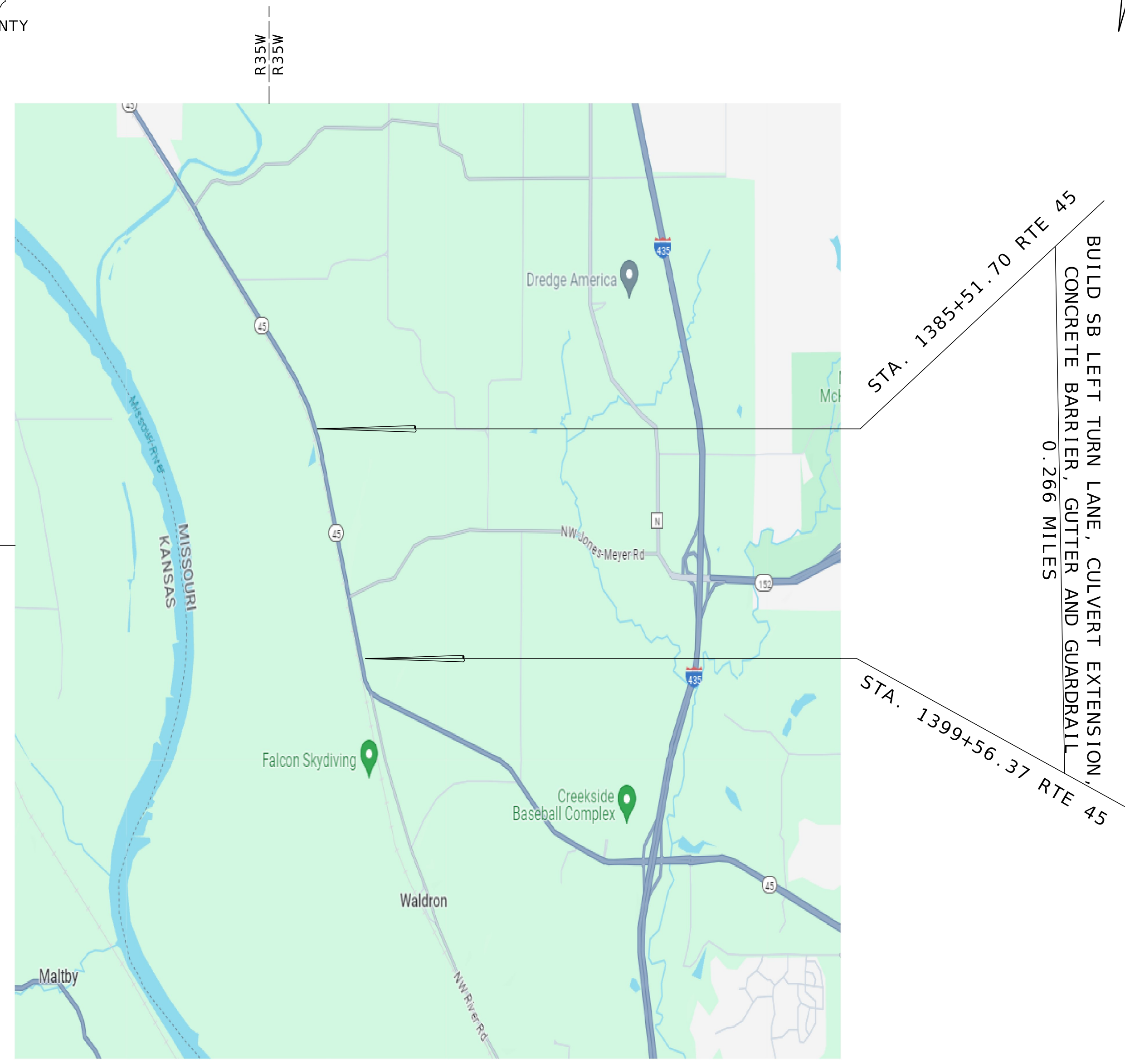
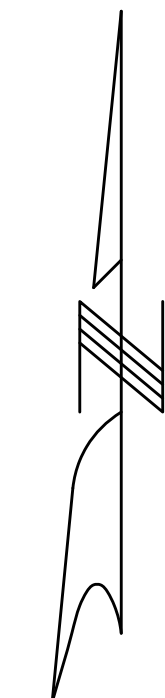
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

PLATTE COUNTY



KEY MAP
LOCATION OF PLATTE COUNTY

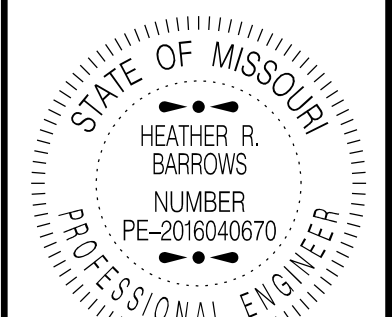


NOT TO SCALE

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.

INDEX OF SHEETS

| DESCRIPTION | SHEET NUMBER |
|------------------------------------|--------------|
| TITLE SHEET ----- | 1 |
| TYPICAL SECTIONS (TS) (2 SHEETS)-- | 2 |
| QUANTITIES (QU) (3 SHEETS)----- | 3 |
| PLAN-PROFILE (PP)----- | 4-7 |
| REFERENCE POINTS (RP)----- | 8 |
| COORDINATE POINTS (CP)----- | 9 |
| SPECIAL SHEETS(SS)----- | 10 |
| TRAFFIC CONTROL SHEETS (TC)----- | 11-27 |
| EROSIONAL CONTROL (EC)----- | 28-29 |
| PAVEMENT MARKING (PM)----- | 30-31 |
| CULVERT SECTIONS (CS)----- | 32-33 |
| CROSS SECTIONS (XS)----- | 1-41 |



HEATHER R. BARROWS
 NUMBER PE-2016040670
 PROFESSIONAL ENGINEER

DATE PREPARED
1/24/2025
 ROUTE **45** STATE **MO**
 DISTRICT **KC** SHEET NO. **1**
 COUNTY
PLATTE
 JOB NO.
JKU0120
 CONTRACT ID.

PROJECT NO.
 BRIDGE NO.

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

LENGTH OF PROJECT

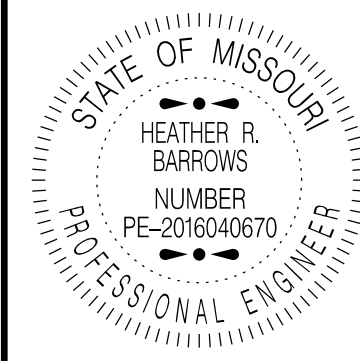
| | |
|----------------------|-----------------|
| BEGINNING OF PROJECT | STA. 1385+51.70 |
| END OF PROJECT | STA. 1399+56.37 |
| APPARENT LENGTH | 1404.67 FEET |

EQUATIONS AND EXCEPTIONS:

| | |
|---------------------------|--------------|
| TOTAL CORRECTIONS | 0 FEET |
| NET LENGTH OF PROJECT | 1404.67 FEET |
| STATE LENGTH | 0.266 MILES |
| FOR INFORMATION ONLY | |
| ESTIMATED DISTURBED ACRES | 0.45 ACRES |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



HEATHER R. BARROWS
 PE-2016040670
 CIVIL ENGINEER

DATE PREPARED
 1/23/2025

ROUTE 45 STATE MO

DISTRICT KC SHEET NO. 2

COUNTY PLATTE

JOB NO. JKU0120

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

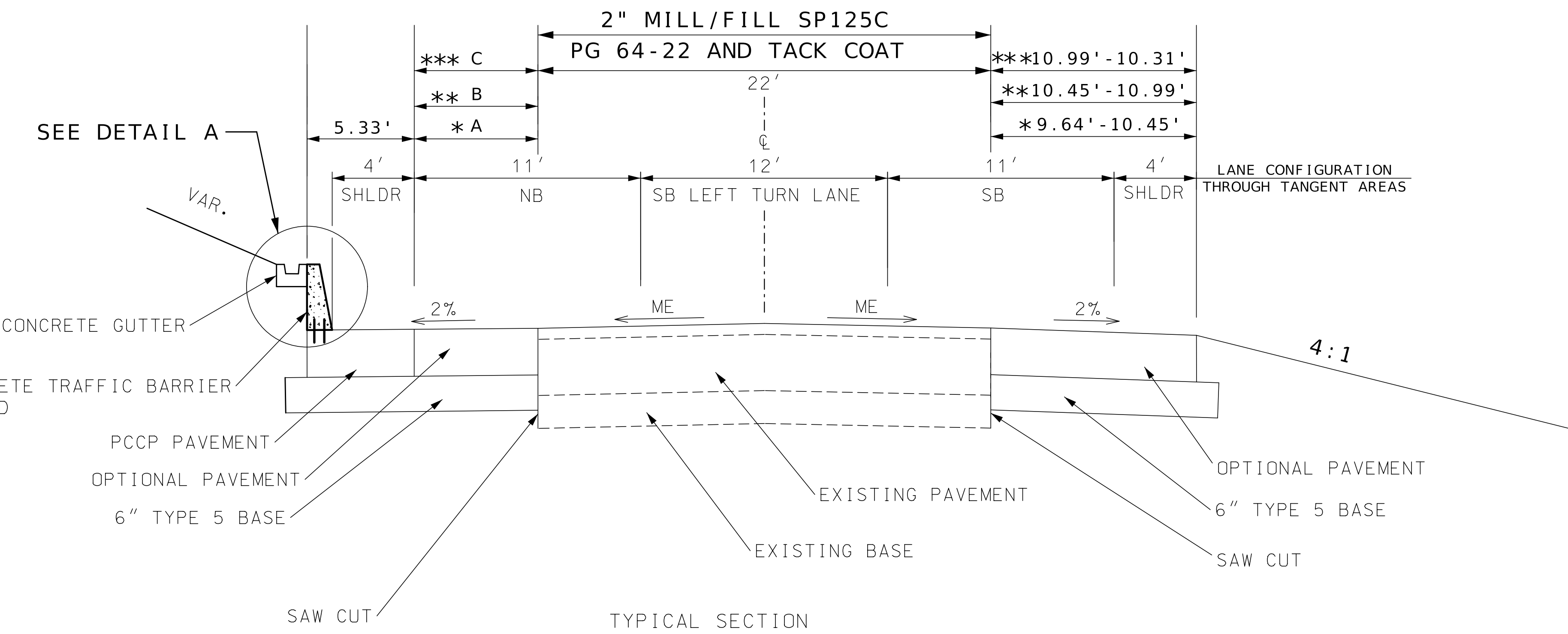
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL JEFFERSON CITY, MO 65102

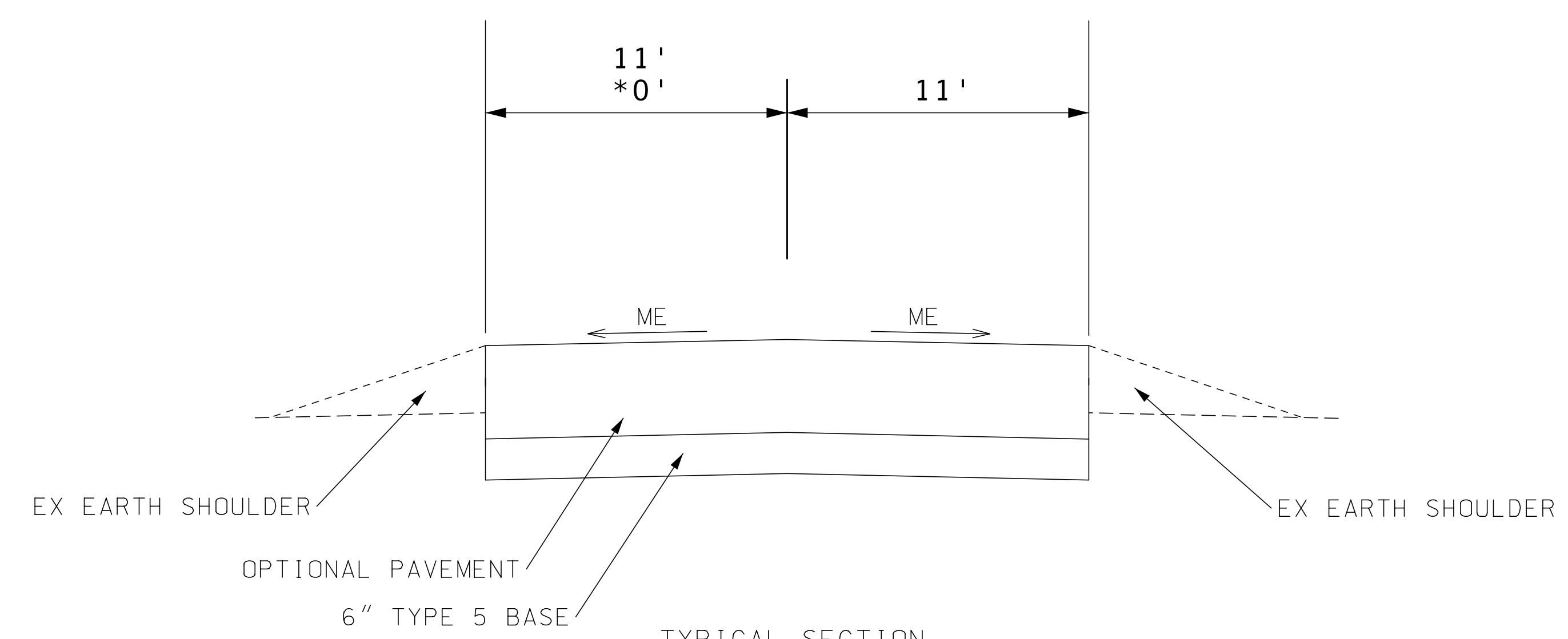
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

*A = 4.25' - 5.29'
 **B = 5.29' - 4.71'
 ***C = 4.71' - 17.57



*STA. 1388+74.95 TO STA. 1389+36.68
 **STA. 1389+36.68 TO STA. 1392+00.00
 ***STA. 1392+00.00 TO STA. 1393+61.90

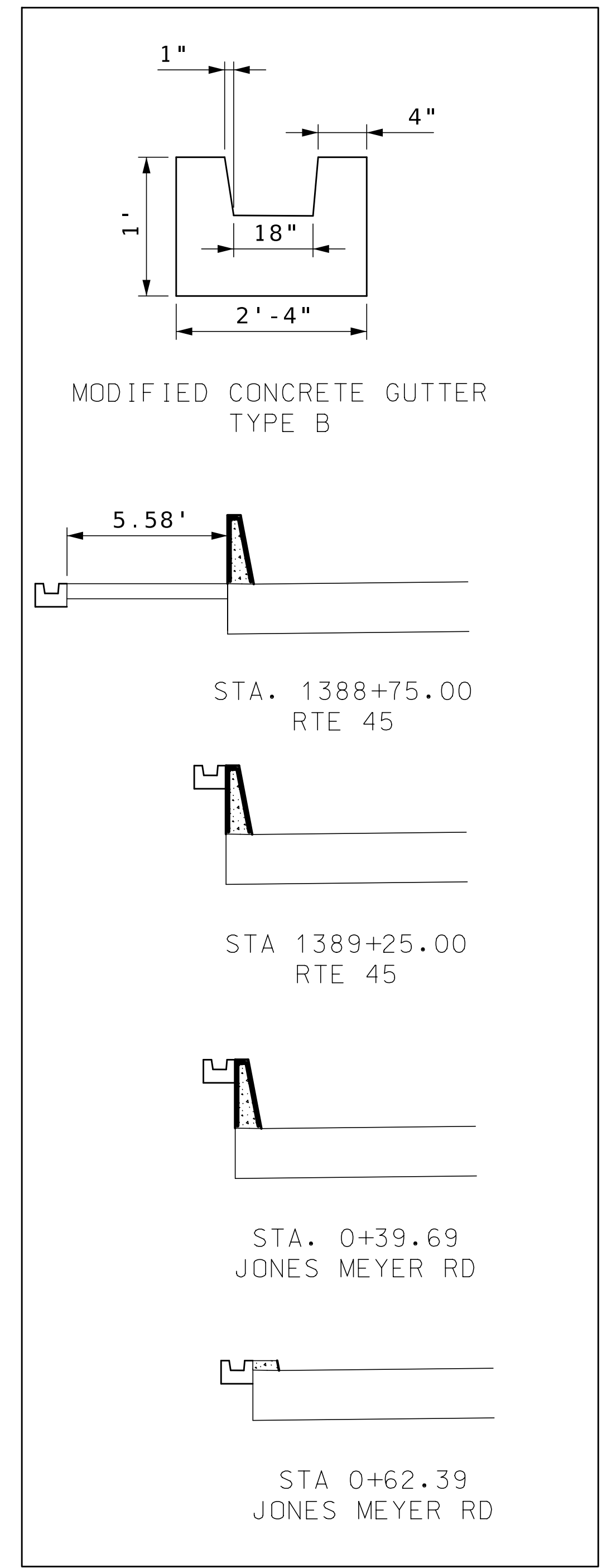


*STA. 0+21.00 TO STA. 0+34.24
 STA. 0+34.24 TO STA. 0+82.00

1. M.E = MATCH EXISTING
2. SEE SPECIAL SHEET BARRIER TRANSITION FOR CONCRETE TRAFFIC BARRIER TYPE D DETAILS

NOT TO SCALE

TYPICAL SECTION
 SHEET 2 OF 2

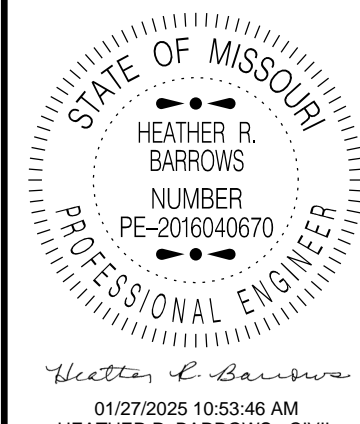


DETAIL A

| SIGN | SIZE | AREA | QTY | TOTAL | QTY | TOTAL | SIGN | DESCRIPTION |
|----------------------|--------|-------|--------|-------|--------|-------|------|--|
| IN. | SQ.FT. | EACH | SQ.FT. | EACH | SQ.FT. | NUM. | | |
| WARNING SIGNS | | | | | | | | |
| WO1-1L | 48X48 | 16.00 | 1 | 16 | | | | TURN (SYMBOL LEFT) |
| WO1-1R | 48X48 | 16.00 | 1 | 16 | | | | TURN (SYMBOL RIGHT) |
| WO1-2L | 48X48 | 16.00 | | | | | | CURVE (SYMBOL LEFT) |
| WO1-2R | 48X48 | 16.00 | | | | | | CURVE (SYMBOL RIGHT) |
| WO1-3L | 48X48 | 16.00 | | | | | | REVERSE TURN (SYMBOL LEFT) |
| WO1-3R | 48X48 | 16.00 | | | | | | REVERSE TURN (SYMBOL RIGHT) |
| WO1-4L | 48X48 | 16.00 | | | | | | REVERSE CURVE (SYMBOL LEFT) |
| WO1-4R | 48X48 | 16.00 | | | | | | REVERSE CURVE (SYMBOL RIGHT) |
| WO1-4bL | 48X48 | 16.00 | | | | | | DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT) |
| WO1-4bR | 48X48 | 16.00 | | | | | | DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT) |
| WO1-4cL | 48X48 | 16.00 | | | | | | TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT) |
| WO1-4cR | 48X48 | 16.00 | | | | | | TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT) |
| WO1-6 | 60X30 | 12.50 | | | | | | HORIZONTAL ARROW (SYMBOL) |
| WO1-6a | 72X36 | 18.00 | | | | | | HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE) |
| WO1-7 | 60X30 | 12.50 | | | | | | DOUBLE HEAD HORIZONTAL ARROW (SYMBOL) |
| WO1-7a | 72X36 | 18.00 | | | | | | DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.) |
| WO1-8 | 18X24 | 3.00 | | | | | | CHEVRON (SYMBOL) |
| WO1-8a | 30X36 | 7.50 | | | | | | CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS) |
| WO3-1 | 48X48 | 16.00 | | | | | | STOP AHEAD (SYMBOL) |
| WO3-2 | 48X48 | 16.00 | | | | | | YIELD AHEAD (SYMBOL) |
| WO3-3 | 48X48 | 16.00 | | | | | | SIGNAL AHEAD (SYMBOL) |
| WO3-4 | 48X48 | 16.00 | 4 | 64 | | | | BE PREPARED TO STOP |
| WO3-5 | 48X48 | 16.00 | | | | | | SPEED LIMIT AHEAD |
| WO4-1L | 48X48 | 16.00 | | | | | | MERGE (SYMBOL FROM LEFT) |
| WO4-1R | 48X48 | 16.00 | | | | | | MERGE (SYMBOL FROM RIGHT) |
| WO4-1aL | 48X48 | 16.00 | | | | | | MERGE (LEFT) |
| WO4-1aR | 48X48 | 16.00 | | | | | | MERGE (RIGHT) |
| WO5-1 | 48X48 | 16.00 | 2 | 32 | | | | ROAD/BRIDGE/RAMP NARROWS |
| WO5-3 | 48X48 | 16.00 | | | | | | ONE LANE BRIDGE |
| WO5-5 | 48X48 | 16.00 | | | | | | NARROW LANES |
| WO6-1 | 48X48 | 16.00 | | | | | | DIVIDED HIGHWAY (SYMBOL) |
| WO6-2 | 48X48 | 16.00 | | | | | | DIVIDED HIGHWAY END (SYMBOL) |
| WO6-3 | 48X48 | 16.00 | | | | | | TWO WAY TRAFFIC (SYMBOL) |
| WO7-3a | 30X24 | 5.00 | | | | | | NEXT XX MILES (PLAQUE) |
| WO8-1 | 48X48 | 16.00 | | | | | | BUMP |
| WO8-2 | 48X48 | 16.00 | | | | | | DIP |
| WO8-3 | 48X48 | 16.00 | | | | | | PAVEMENT ENDS |
| WO8-4 | 48X48 | 16.00 | | | | | | SOFT SHOULDER |
| WO8-5 | 48X48 | 16.00 | | | | | | SLIPPERY WHEN WET (SYMBOL) |
| WO8-6 | 48X48 | 16.00 | | | | | | TRUCK CROSSING |
| WO8-6c | 48X48 | 16.00 | | | | | | TRUCK ENTRANCE |
| WO8-7 | 36X36 | 9.00 | | | | | | LOOSE GRAVEL |
| WO8-7a | 36X36 | 9.00 | | | | | | FRESH OIL / LOOSE GRAVEL |
| WO8-9 | 48X48 | 16.00 | | | | | | LOW SHOULDER |
| WO8-11 | 48X48 | 16.00 | | | | | | UNEVEN LANES |
| WO8-12 | 48X48 | 16.00 | | | | | | NO CENTER LINE |
| WO8-15 | 48X48 | 16.00 | | | | | | GROOVED PAVEMENT |
| WO8-15P | 30X24 | 5.00 | | | | | | MOTORCYCLE (PLAQUE) |
| WO8-17L | 48X48 | 16.00 | | | | | | SHOULDER DROP-OFF (SYMBOL LEFT) |
| WO8-17R | 48X48 | 16.00 | | | | | | SHOULDER DROP-OFF (SYMBOL RIGHT) |
| WO8-17P | 30X24 | 5.00 | | | | | | SHOULDER DROP-OFF (PLAQUE) |
| WO10-1 | 42RND. | 9.62 | | | | | | RAILROAD CROSSING |
| WO12-1 | 24X24 | 4.00 | | | | | | DOUBLE DOWN ARROW (SYMBOL) |
| WO12-2 | 48X48 | 16.00 | | | | | | LOW CLEARANCE (SYMBOL) |
| WO12-2x | 24X18 | 3.00 | | | | | | LOW CLEARANCE (PLAQUE) |
| WO12-2a | 84X24 | 14.00 | | | | | | OVERHEAD LOW CLEARANCE (FEET AND INCHES) |
| WO12-4 | 120X60 | 50.00 | | | | | | LOW CLEARANCE XX FT XX IN XX MILES AHEAD |
| WO12-5 | 120X60 | 50.00 | | | | | | WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD |
| WO13-1 | 30X30 | 6.25 | | | | | | ADVISORY SPEED (PLAQUE) |
| WO16-2 | 30X24 | 5.00 | | | | | | XXX FEET (PLAQUE) |
| WO16-3 | 30X24 | 5.00 | | | | | | X MILE (PLAQUE) |
| WO20-1 | 48X48 | 16.00 | 6 | 96 | | | | ROAD/BRIDGE/RAMP WORK AHEAD |
| WO20-2 | 48X48 | 16.00 | | | | | | DETOUR AHEAD |
| WO20-3 | 48X48 | 16.00 | 1 | 16 | | | | ROAD CLOSED AHEAD |
| WO20-4 | 48X48 | 16.00 | 2 | 32 | | | | ONE LANE ROAD AHEAD |
| WO20-5 | 48X48 | 16.00 | 2 | 32 | | | | RIGHT/CENTER/LEFT LANE CLOSED AHEAD |
| WO20-5a | 48X48 | 16.00 | | | | | | 2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD |
| WO20-6a | 48X48 | 16.00 | | | | | | RIGHT/CENTER/LEFT LANE CLOSED |
| WO20-7a | 48X48 | 16.00 | 6 | 96 | | | | FLAGGER (SYMBOL) |
| WO21-2 | 36X36 | 9.00 | | | | | | FRESH OIL |
| WO21-5 | 48X48 | 16.00 | | | | | | SHOULDER WORK / SHOULDER WORK AHEAD |
| WO22-1 | 48X48 | 16.00 | | | | | | BLASTING ZONE AHEAD |
| WO22-2 | 42X36 | 10.50 | | | | | | TURN OFF 2-WAY RADIO AND PHONE |
| WO22-3 | 42X36 | 10.50 | | | | | | END BLASTING ZONE |
| GO22-1 | 21X15 | 2.19 | 4 | 8.76 | | | | WET PAINT (ARROW PIVOTS) |

| SIGN | SIZE | AREA | QTY | TOTAL | QTY | TOTAL | SIGN | DESCRIPTION |
|----------------------------|--------|-------|--------|--------------|--------|-------|--------------|---|
| IN. | SQ.FT. | EACH | SQ.FT. | EACH | SQ.FT. | NUM. | | |
| GUIDE SIGNS | | | | | | | | |
| E05-1 | 36X48 | 12.00 | | | | | | GORE EXIT |
| E05-2 | 48X36 | 12.00 | | | | | | EXIT OPEN |
| E05-2a | 48X36 | 12.00 | | | | | | EXIT CLOSED |
| GO20-1 | 60X24 | 10.00 | | | | | | ROAD WORK NEXT XX MILES |
| GO20-2 | 48X24 | 8.00 | 2 | 16 | | | | END ROAD WORK |
| GO20-4 | 36X18 | 4.50 | | | | | | PILOT CAR FOLLOW ME |
| GO20-4a | 42X30 | 8.75 | | | | | | PILOT CAR IN USE WAIT & FOLLOW |
| GO20-4a | 18X12 | 1.50 | | | | | | PILOT CAR IN USE WAIT & FOLLOW |
| GO20-5aP | 36X24 | 6.00 | 4 | 24 | | | | WORK ZONE (PLAQUE) |
| MO4-8a | 24X18 | 3.00 | | | | | | END DETOUR |
| MO4-9L | 48X36 | 12.00 | | | | | | DETOUR (LEFT) |
| MO4-9R | 48X36 | 12.00 | | | | | | DETOUR (RIGHT) |
| MO4-9P | 48X12 | 4.00 | | | | | | STREET NAME (PLAQUE) |
| MO4-10L | 48X18 | 6.00 | | | | | | DETOUR ARROW (LEFT) |
| MO4-10R | 48X18 | 6.00 | | | | | | DETOUR ARROW (RIGHT) |
| REGULATORY SIGNS | | | | | | | | |
| R1-1 | 48X48 | 13.25 | | | | | | STOP |
| R1-2 | 48TRI | 6.93 | | | | | | YIELD |
| R1-2a | 36X36 | 9.00 | | | | | | TO ONCOMING TRAFFIC (PLAQUE) |
| R1-3P | 30X12 | 2.50 | | | | | | ALL WAY (PLAQUE) |
| R2-1 | 36X48 | 12.00 | 8 | 96 | | | | SPEED LIMIT 45.55 |
| R3-1 | 48X48 | 16.00 | | | | | | NO RIGHT TURN (SYMBOL) |
| R3-2 | 48X48 | 16.00 | | | | | | NO LEFT TURN (SYMBOL) |
| R3-3 | 36X36 | 9.00 | | | | | | NO TURNS |
| R3-4 | 48X48 | 16.00 | | | | | | NO U-TURN (SYMBOL) |
| R3-7L | 30X30 | 6.25 | | | | | | LEFT LANE MUST TURN LEFT |
| R3-7R | 30X30 | 6.25 | | | | | | RIGHT LANE MUST TURN RIGHT |
| R4-1 | 36X48 | 12.00 | | | | | | DO NOT PASS |
| R4-2 | 36X48 | 12.00 | | | | | | PASS WITH CARE |
| R4-7a | 36X48 | 12.00 | | | | | | KEEP RIGHT (HORIZONTAL ARROW) |
| R4-8a | 36X48 | 12.00 | | | | | | KEEP LEFT (HORIZONTAL ARROW) |
| R5-1 | 30X30 | 6.25 | | | | | | DO NOT ENTER |
| R5-1a | 36X24 | 6.00 | | | | | | WRONG WAY |
| R6-1L | 54X18 | 6.75 | | | | | | ONE WAY ARROW (LEFT) |
| R6-1R | 54X18 | 6.75 | | | | | | ONE WAY ARROW (RIGHT) |
| R6-2L | 24X30 | 5.00 | | | | | | ONE WAY (LEFT) |
| R6-2R | 24X30 | 5.00 | | | | | | ONE WAY (RIGHT) |
| R9-9 | 24X12 | 2.00 | | | | | | SIDEWALK CLOSED |
| R9-11L | 24X18 | 3.00 | | | | | | SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE |
| R9-11R | 24X18 | 3.00 | | | | | | SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE |
| R10-6 | 24X36 | 6.00 | | | | | | STOP HERE ON RED (45° ARROW) |
| R11-2 | 48X30 | 10.00 | 2 | 20 | | | | ROAD CLOSED |
| R11-3a | 60X30 | 12.50 | | | | | | ROAD CLOSED XX MILES AHEAD |
| R11-4 | 60X30 | 12.50 | | | | | | LOCAL TRAFFIC ONLY |
| CONST-3A | 60X48 | 20.00 | | | | | | ROAD CLOSED TO THRU TRAFFIC |
| CONST-3X | 56X12 | 4.67 | | | | | | FINE SIGN |
| MISCELLANEOUS SIGNS | | | | | | | | |
| CONST-5 | 48X36 | 12.00 | | | | | | POINT OF PRESENCE |
| CONST-5 | 96X48 | 32.00 | | | | | | POINT OF PRESENCE |
| CONST-8 | 48X36 | 12.00 | 2 | 24 | | | | WORK ZONE NO PHONE ZONE |
| SPECIAL | 48X48 | 16.00 | 2 | 32 | | | | RUMBLE STRIPS AHEAD |
| | | | | TOTAL | | | | |
| 616-10.05 | | | | | | | | |
| CONSTRUCTION SIGNS | | | | | 621 | | | |
| 616-10.10 | | | | | | | | |
| RELOCATED SIGNS | | | | | | | TOTAL | 0 |

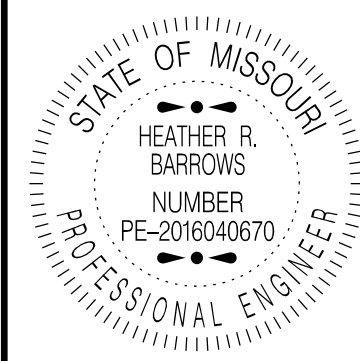
| ITEM NUMBER | TOTAL QTY | DESCRIPTION |
|-------------|-----------|--|
| 6122008 | | IMPACT ATTENUATOR 40 MPH (SAND BARRELS) |
| 6122009 | | IMPACT ATTENUATOR 45 MPH (SAND BARRELS) |
| 6122010 | | IMPACT ATTENUATOR 50 MPH (SAND BARRELS) |
| 6122012 | 2 | IMPACT ATTENUATOR 55 MPH (SAND BARRELS) |
| 6122014 | | IMPACT ATTENUATOR 60 MPH (SAND BARRELS) |
| 6122017 | | IMPACT ATTENUATOR 65 MPH (SAND BARRELS) |
| 6122019 | | IMPACT ATTENUATOR 70 MPH (SAND BARRELS) |
| 6122020 | 18 | REPLACEMENT SAND BARREL |
| 6122030 | 2 | IMPACT ATTENUATOR (RELOCATION) |
| 6123001 | | TRUCK MOUNTED ATTENUATOR (TMA) |
| 6161008 | | ADVANCED WARNING RAIL SYSTEM |
| 6161012 | | BUOYS (BOATS KEEP OUT) |
| 6161013 | | BUOYS (NO WAKE) |
| 6161014 | | SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT) |
| 6161025 | 65 | CHANNELIZER (TRIM LINE) |
| 6161030 | 5 | TYPE III MOVEABLE BARRICADE |
| 6161033 | | DIRECTION INDICATOR BARRICADE |
| 6161040 | 2 | FLASHING ARROW PANEL |
| 6161047 | | TYPE III OBJECT MARKER |
| 6161055 | | SEQUENTIAL FLASHING WARNING LIGHT |
| 6161070 | | TUBULAR MARKER |
| 6161095 | | RADAR SPEED ADVISORY SYSTEM |
| 6161096 | | CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED |
| 6161098A | | CHANGEABLE MESSAGE SIGN W/O COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED |
| 6161099 | 6 | CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED |
| 6162000A | | WORK ZONE TRAFFIC SIGNAL SYSTEM |
| 6162002 | 4 | TEMPORARY LONG-TERM RUMBLE STRIPS |
| 6173600D | 1612 | TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED |
| 6173602B | | TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED |
| 6174000A | 1 | TEMP. TRAFFIC BARRIER HEIGHT TRANSITION |
| 6175010A | 2068 | RELOCATING TEMPORARY TRAFFIC BARRIER |
| 6176000B | | TEMPORARY TRAFFIC BARRIER COMMISSION FURNISHED/RETAINED |
| 6177000B | | TEMP. TRAFFIC BARRIER HEIGHT TRANSITION COMMISSION FURNISHED/RETAINED |
| 6208064A | | TEMPORARY RAISED PAVEMENT MARKER |
| 9029400 | | TEMPORARY TRAFFIC SIGNALS |
| 9029401 | | TEMPORARY TRAFFIC SIGNALS AND LIGHTING |
| 6207001 | 58920 | PAVEMENT MARKING REMOVAL, LF |
| 6208076 | 39280 | 4" TEMPORARY PAVEMENT MARKING PAINT, LF |
| 6063017 | 2 | TYPE C CRASHWORTHY END TERMINAL |
| 2071000 | 3 | LINEAR GRADING FOR SAND BARRELS, STA |



HEATHER R. BARROWS
PROFESSIONAL ENGINEER
NUMBER PE-2016040670

DATE PREPARED
1/27/2025

ROUTE



HEATHER R. BARROWS
 NUMBER
 PE-2016040670
 PROFESSIONAL ENGINEER

DATE PREPARED
 1/24/2025

ROUTE 45 STATE MO
 DISTRICT KC SHEET NO. 5

COUNTY
 PLATTE

JOB NO.
 JKU0120

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
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MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION

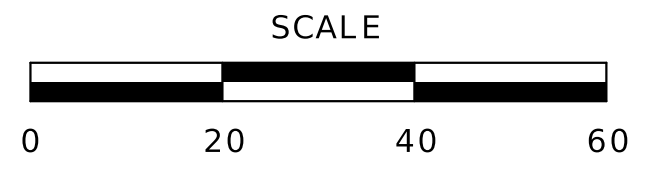
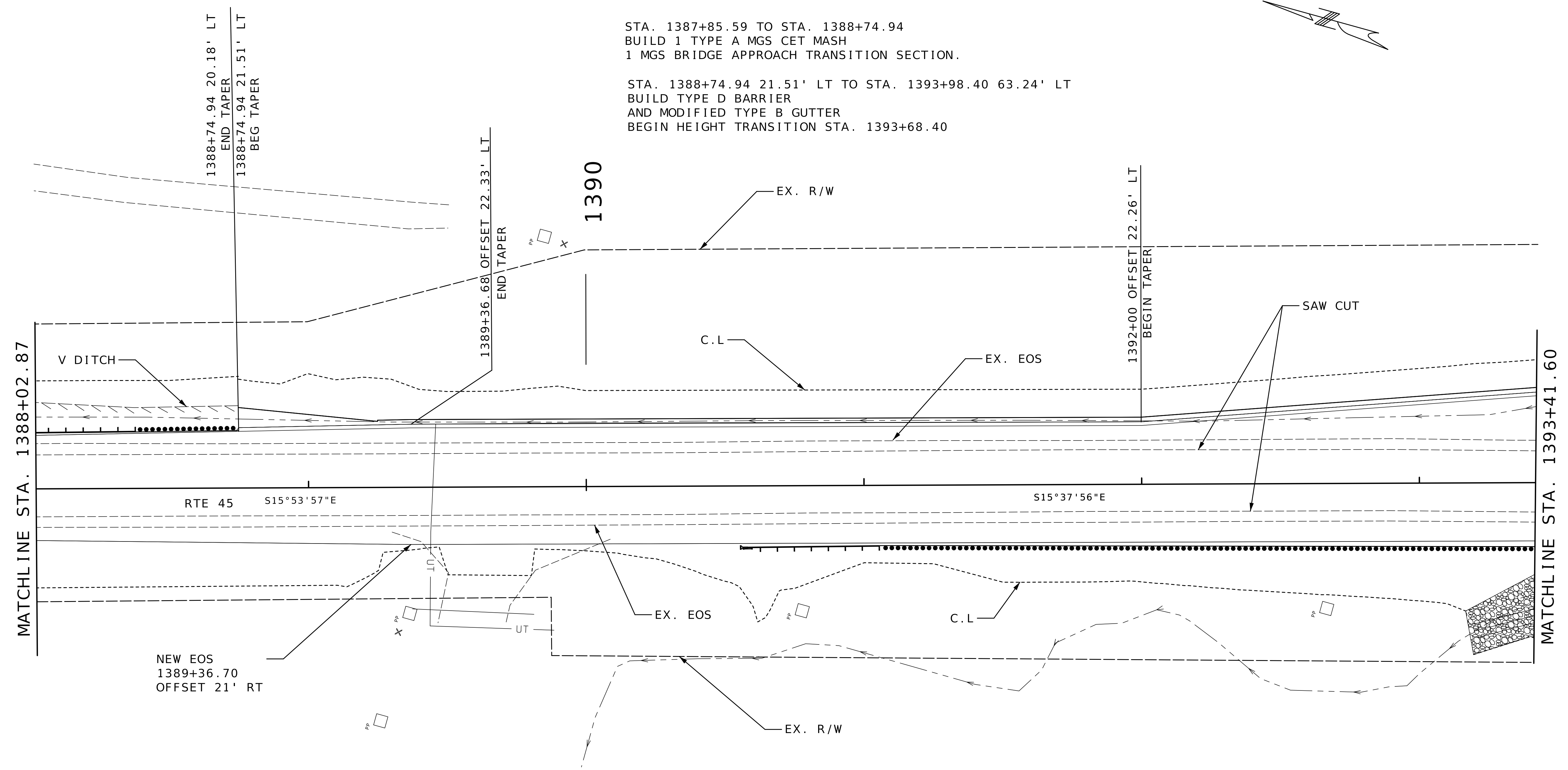
105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

STA. 1387+85.59 TO STA. 1388+74.94
 BUILD 1 TYPE A MGS CET MASH
 1 MGS BRIDGE APPROACH TRANSITION SECTION.

STA. 1388+74.94 21.51' LT TO STA. 1393+98.40 63.24' LT
 BUILD TYPE D BARRIER
 AND MODIFIED TYPE B GUTTER
 BEGIN HEIGHT TRANSITION STA. 1393+68.40

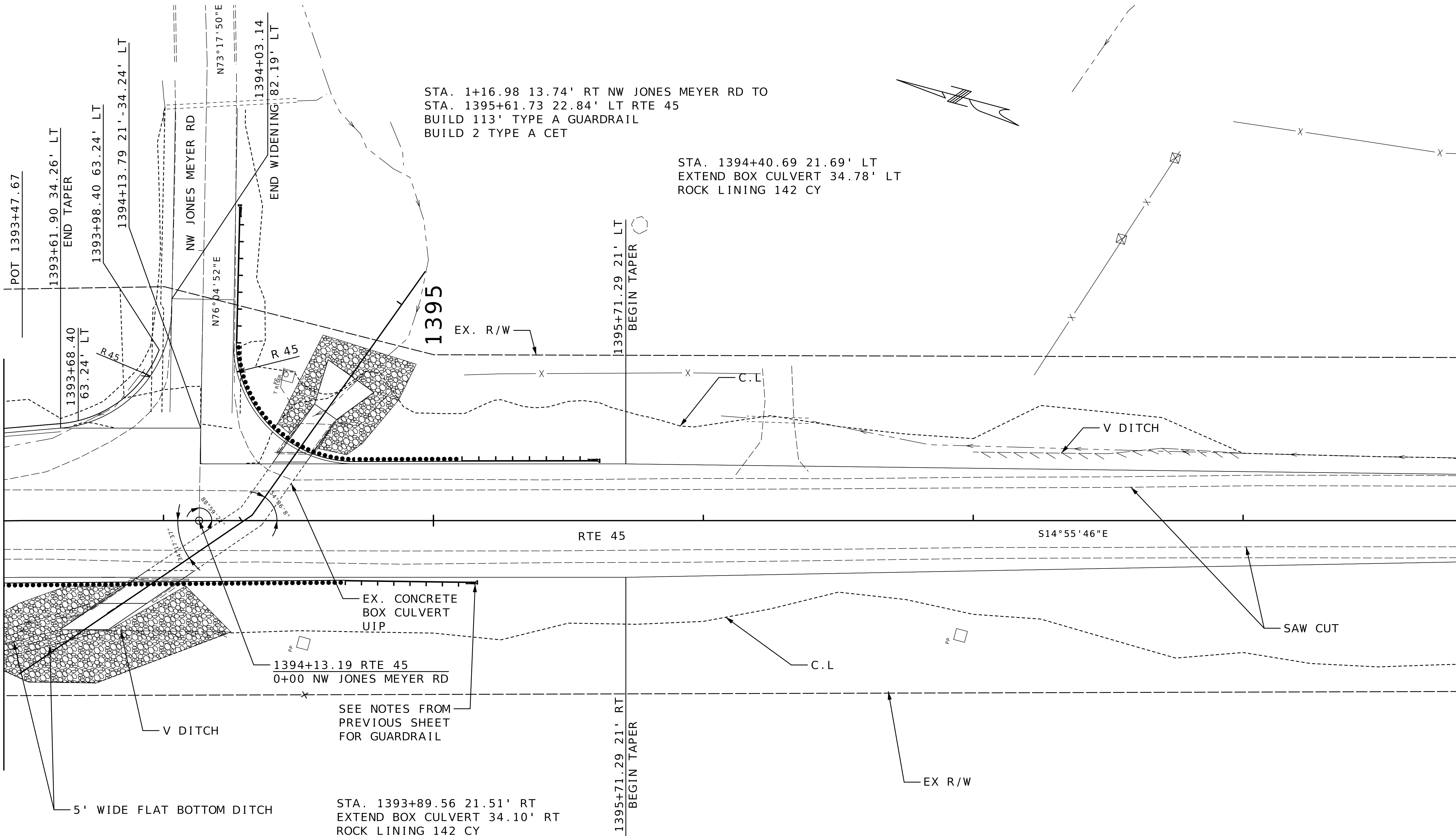
STA. 1390+55.40 TO STA. 1393+41.70
 BUILD 237.5' MGS GUARDRAIL
 1 TYPE A MGS CET MASH
 STA. 1393+41.70 TO STA. 1394+54.49
 BUILD 1 LONG SPAN MGS GUARDRAIL
 STA. 1394+54.49 TO STA. 1395+16.42
 BUILD 12.5' MGS GUARDRAIL
 1 TYPE MGS CET MASH

CONTRACTOR SHALL VERIFY DEPTH OVER BOX CULVERT AND IF
 DEPTH IS DEEP ENOUGH FOR STANDARD MGS GUARDRAIL INSTALLATION
 INSTALL STANDARD MGS GUARDRAIL IN LIEU OF LONG SPAN.



MATCHLINE STA. 1393+41.60

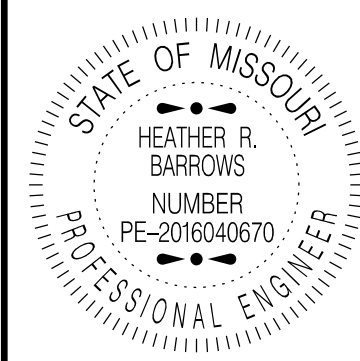
MATCHLINE STA. 1398+80.89



STA. 1+16.98 13.74' RT NW JONES MEYER RD TO
 STA. 1395+61.73 22.84' LT RTE 45
 BUILD 113' TYPE A GUARDRAIL
 BUILD 2 TYPE A CET

STA. 1394+40.69 21.69' LT
 EXTEND BOX CULVERT 34.78' LT
 ROCK LINING 142 CY

STA. 1393+89.56 21.51' RT
 EXTEND BOX CULVERT 34.10' RT
 ROCK LINING 142 CY



Heather R. Barrows
 01/24/2025 6:07:07 PM
 HEATHER R. BARROWS - CIVIL
 MO-PE-2016040670

DATE PREPARED
 1/24/2025

ROUTE 45 STATE MO

DISTRICT KC SHEET NO. 6

COUNTY PLATTE

JOB NO. JKU0120

CONTRACT ID.

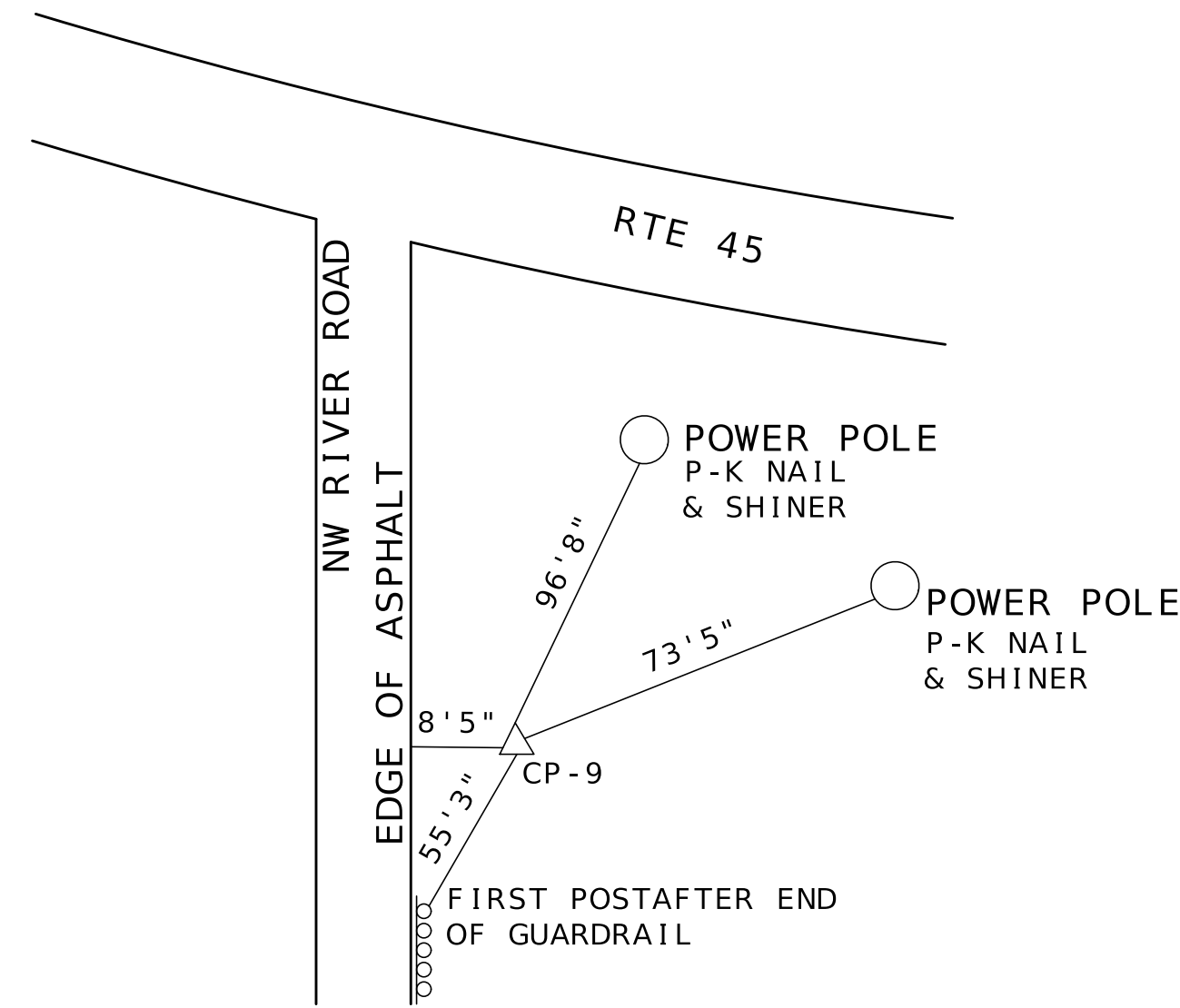
PROJECT NO.

BRIDGE NO.

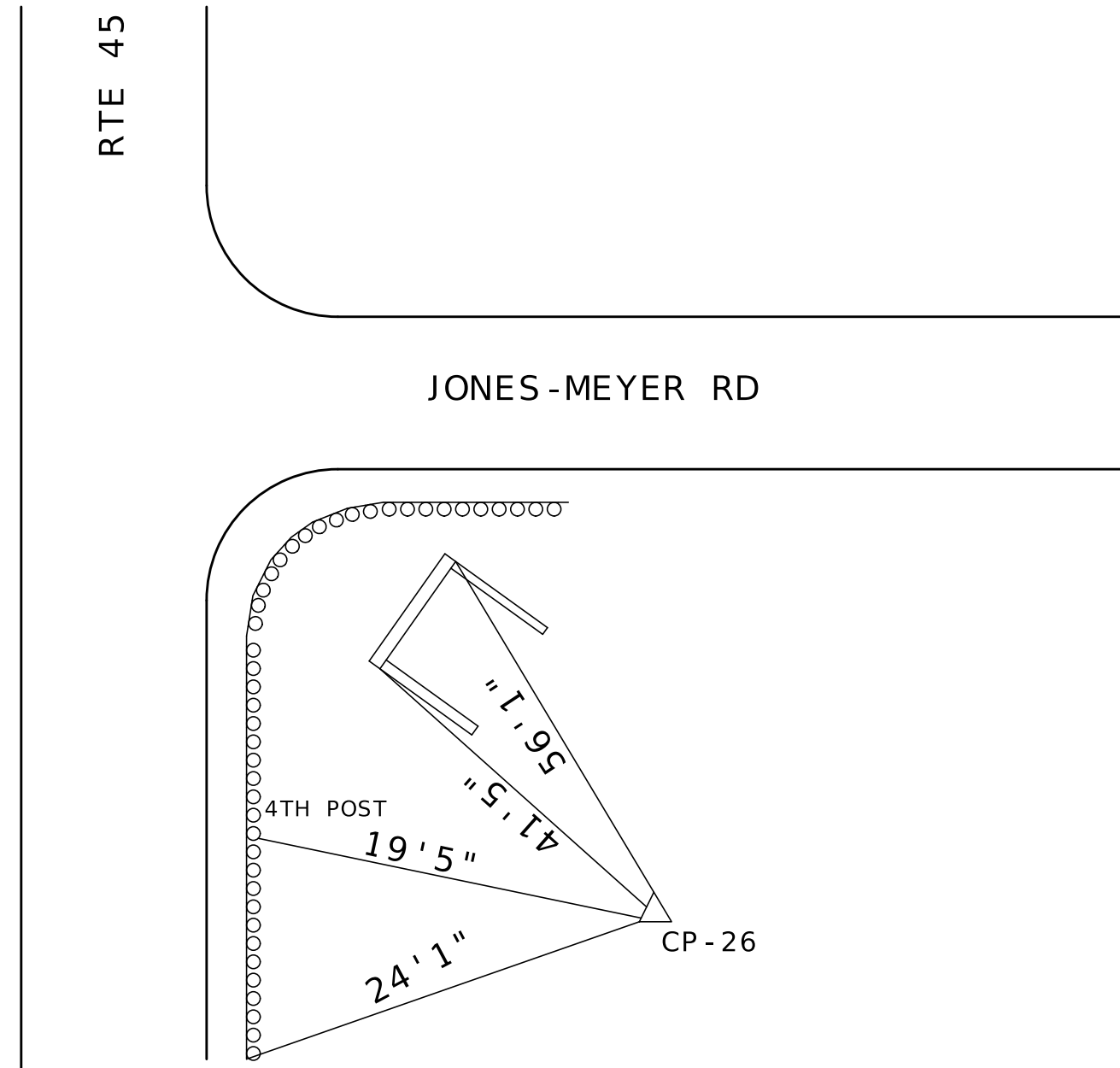
| DATE | DESCRIPTION |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

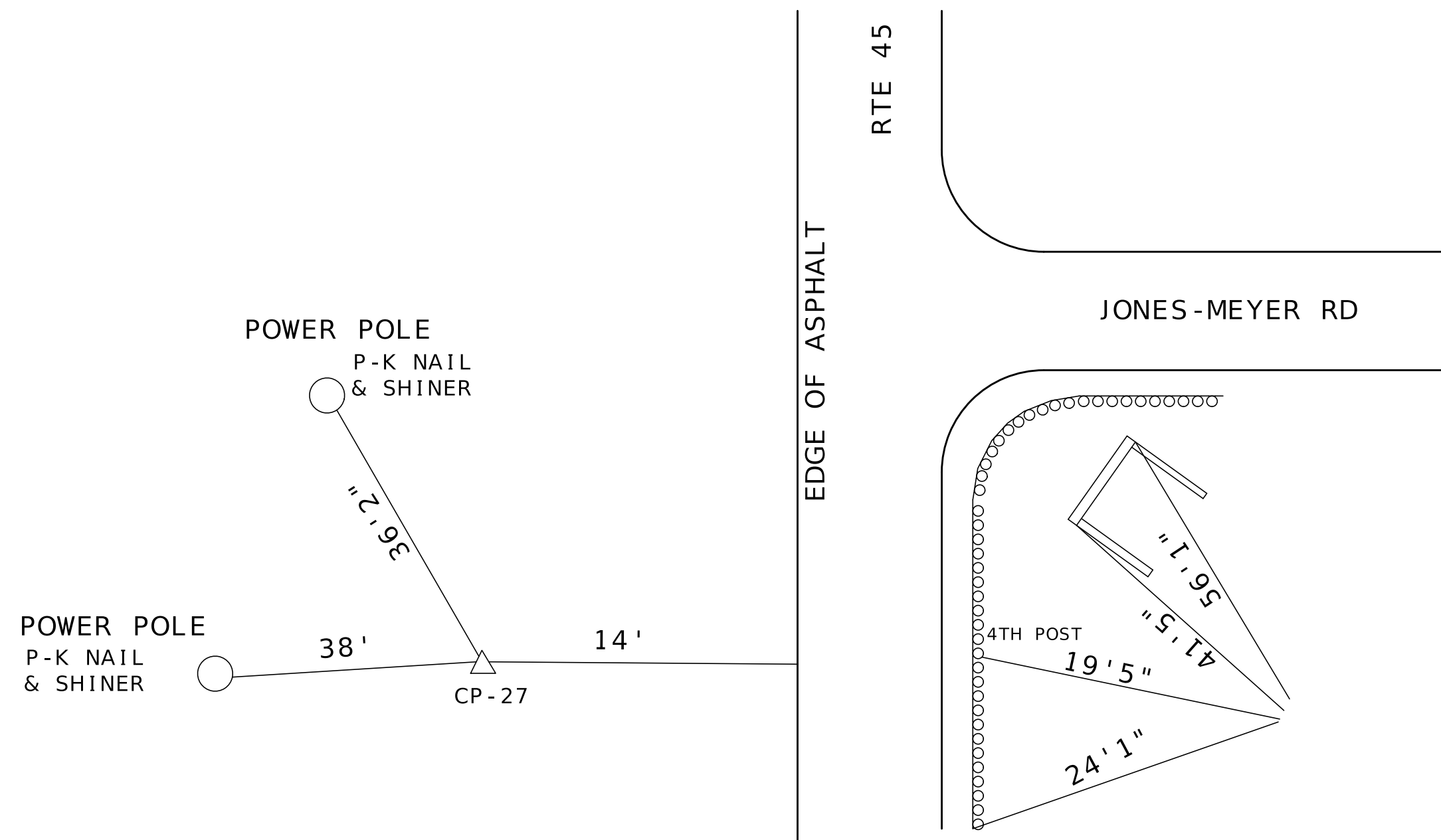
105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)



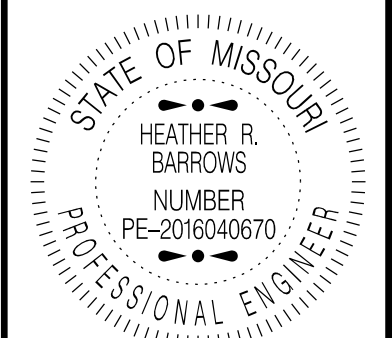
CONTROL POINT #9
 5/8" REBAR WITH A PINK PLASTIC MODOT
 CONTROL CAP. BURRIED ±0.5' DEEP
 N: 1118044.848
 E: 2703925.143
 E: 769.57



CONTROL POINT #26
 5/8" REBAR WITH A PINK PLASTIC MODOT
 CONTROL CAP. BURRIED ±0.5' DEEP
 N: 1120711.911
 E: 2703057.057
 E: 773.10



CONTROL POINT #27
 5/8" REBAR WITH A PINK PLASTIC MODOT
 CONTROL CAP. BURRIED ±0.5' DEEP
 N: 1120706.405
 E: 2702990.317
 E: 774.25



Heather R. Barrows
 01/24/2025 1:42:00 PM
 HEATHER R. BARROWS, CIVIL
 MO-PE-2016040670

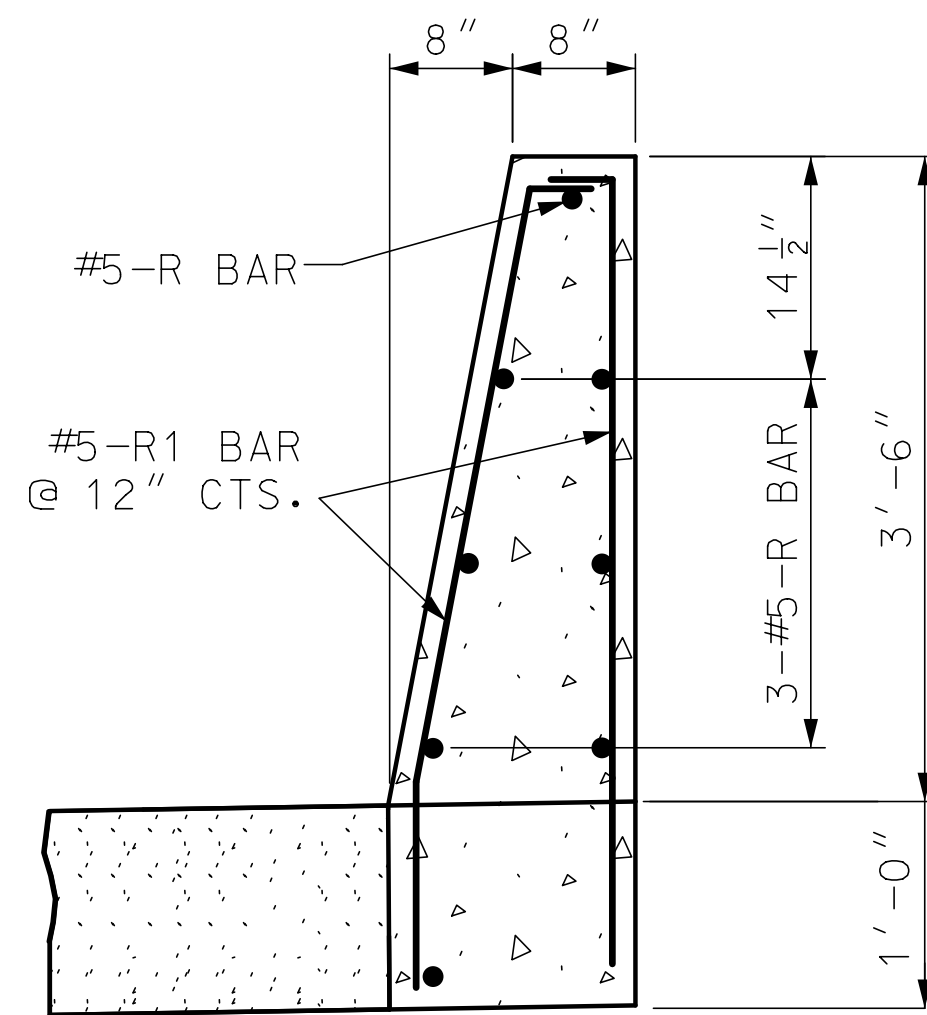
DATE PREPARED
 1/23/2025
 ROUTE 45 STATE MO
 DISTRICT KC SHEET NO. 8
 COUNTY PLATTE
 JOB NO. JKU0120
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.

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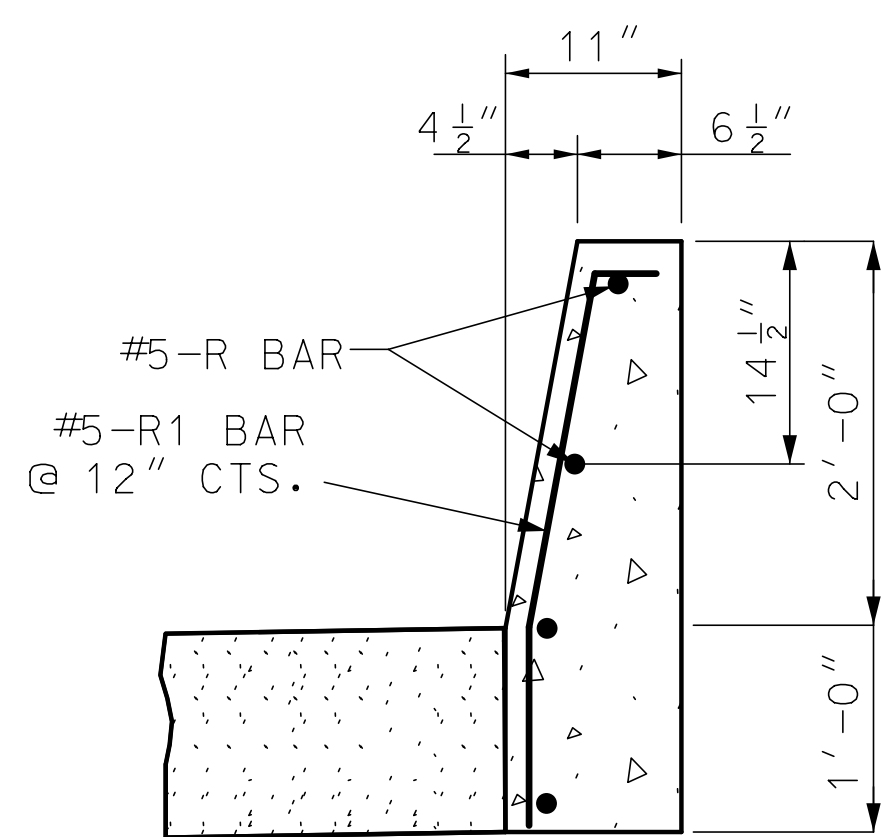
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

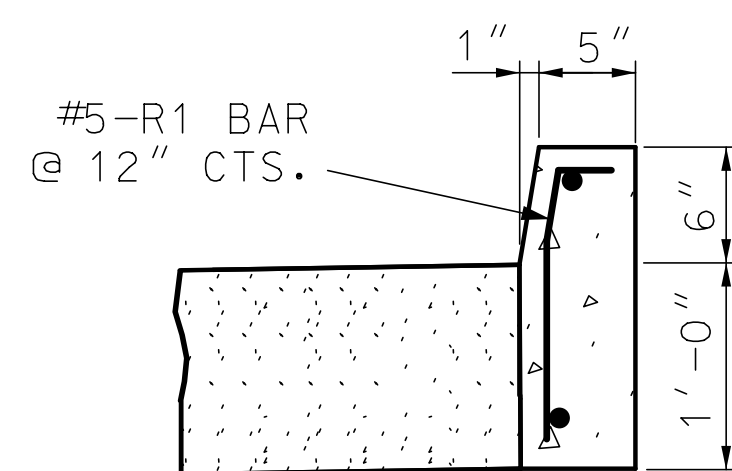
**ALTERNATE A
(ASPHALT OPTION)**



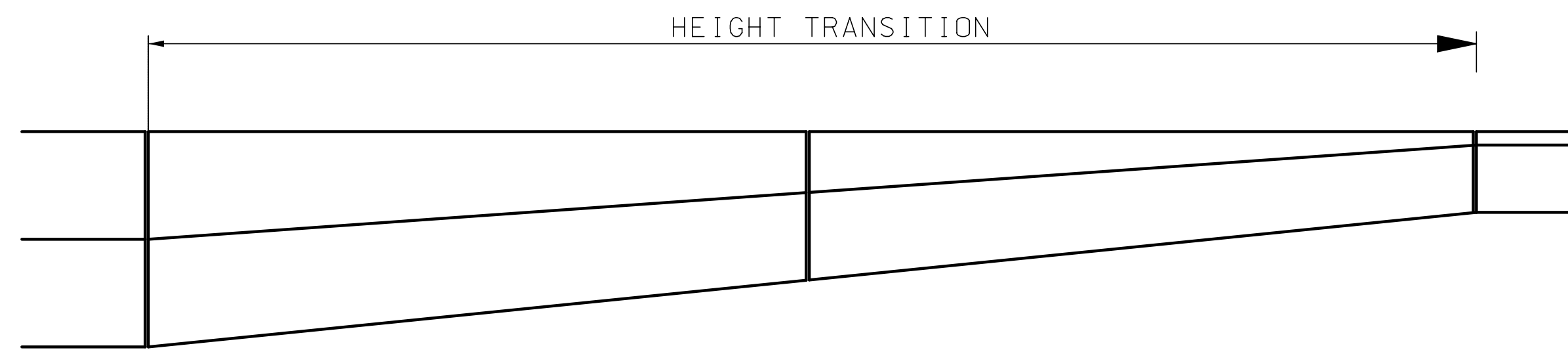
SECTION A-A



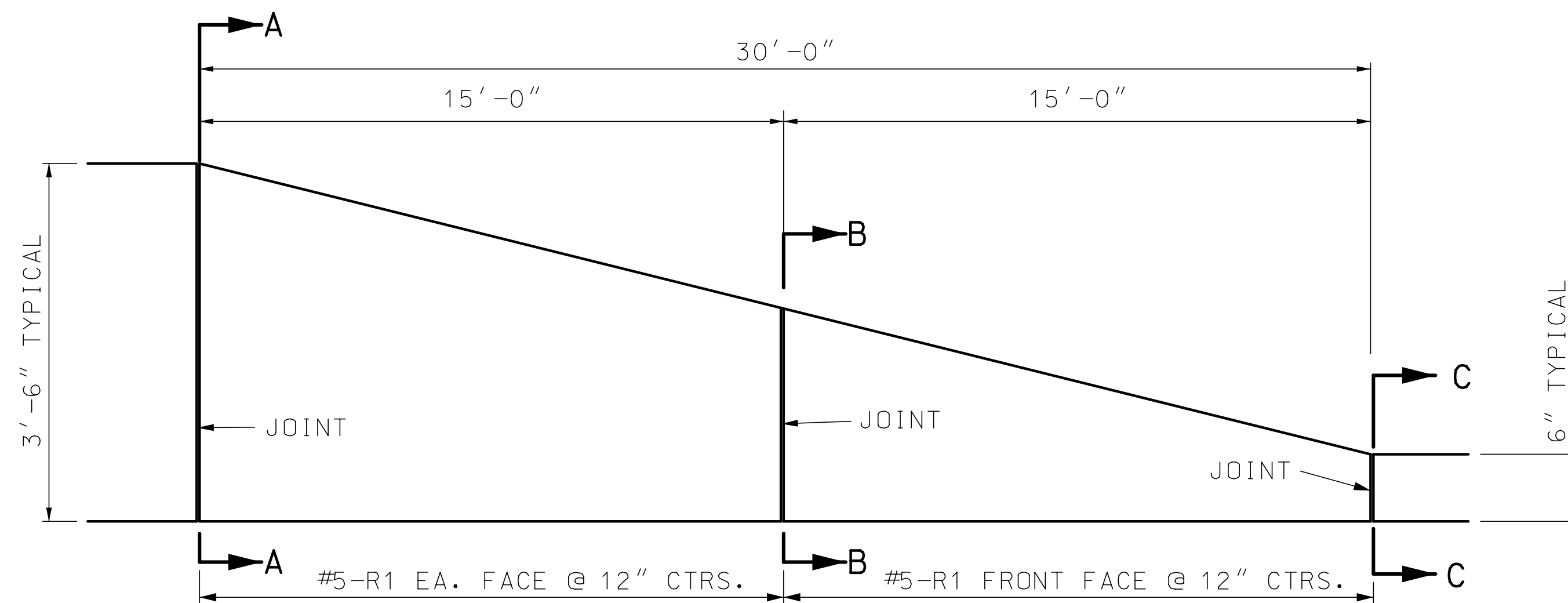
SECTION B-B



SECTION C-C



**PLAN
STA. 1393+68.40 TO STA. 1393+98.40
RTE 45 LT**



ELEVATION

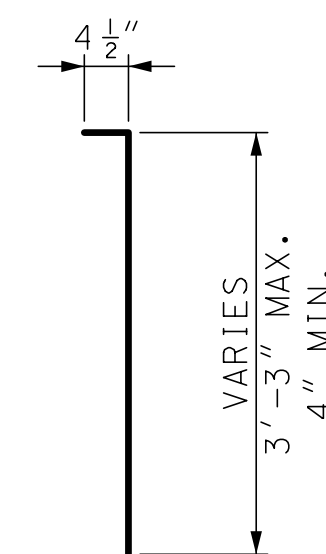
NOTES:

ALL TOP AND END EDGES SHALL BE CHAMFERED $\frac{3}{4}$ INCH.

EXPANSION JOINTS SHALL BE PROVIDED IN THE BARRIER TO MATCH EXPANSION JOINTS IN PAVEMENT.

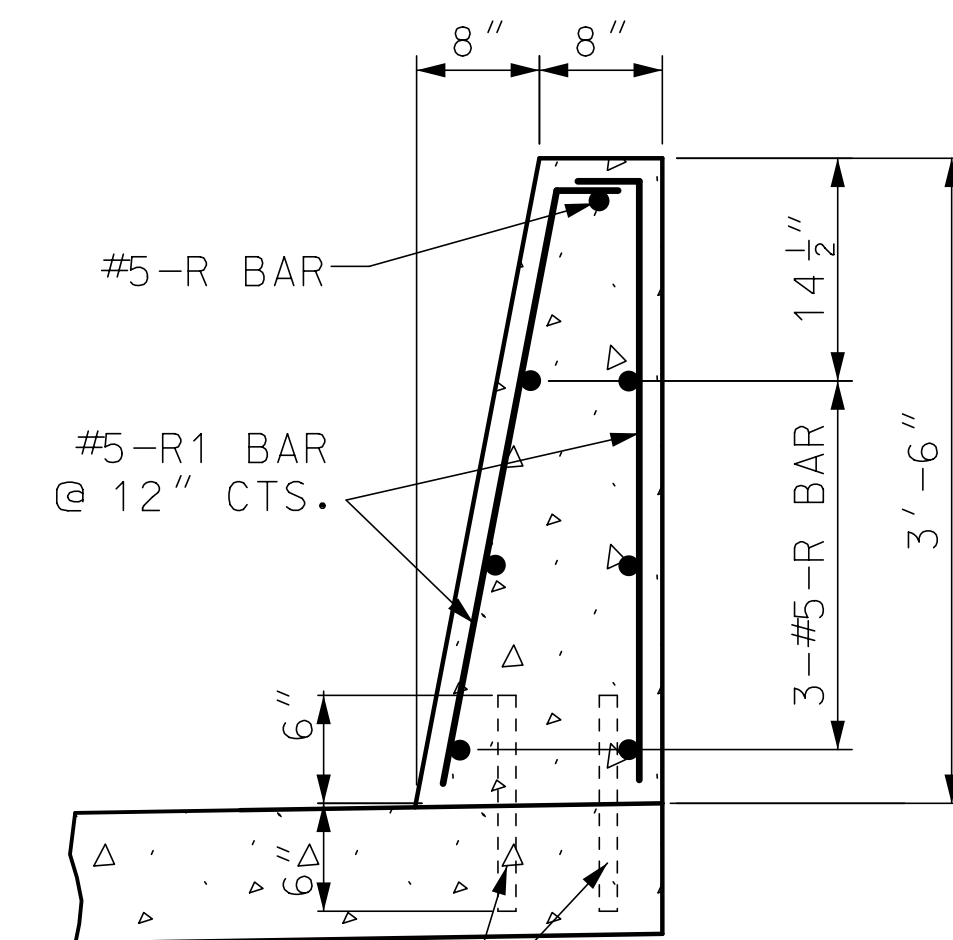
FOR DELINEATOR DETAILS, SEE SHEET NUMBER 1 OF THE MISSOURI STANDARD PLAN 617.10. DELINEATORS SHALL BE PLACED AS DEFINED IN THE JOB SPECIAL PROVISIONS.

MINIMUM CLEARANCE TO REINFORCING STEEL SHALL BE $1\frac{1}{2}$ " UNLESS OTHERWISE SHOWN.

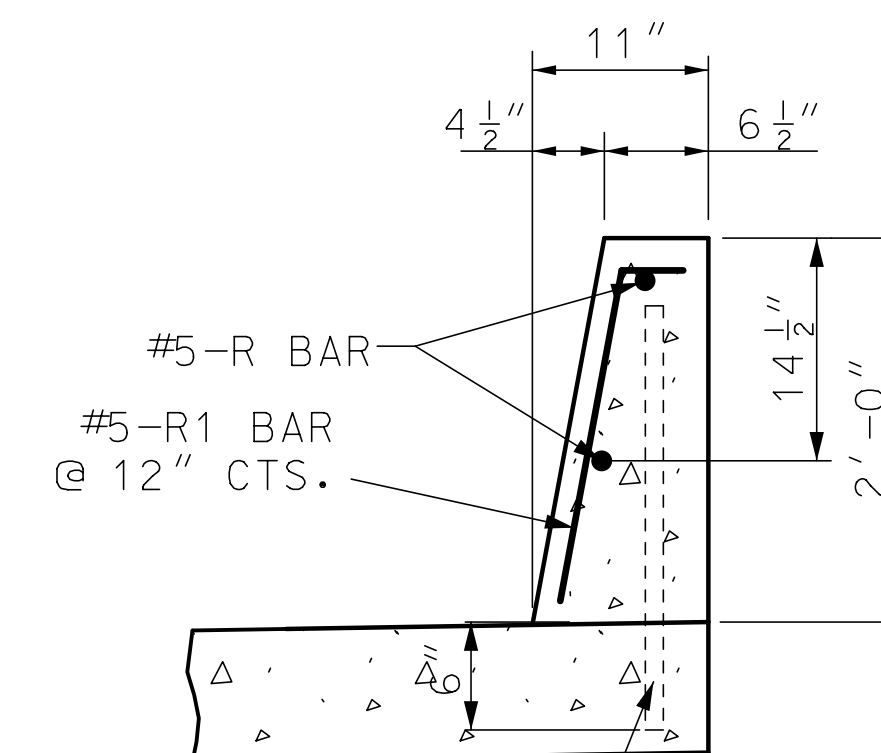


#5 R1

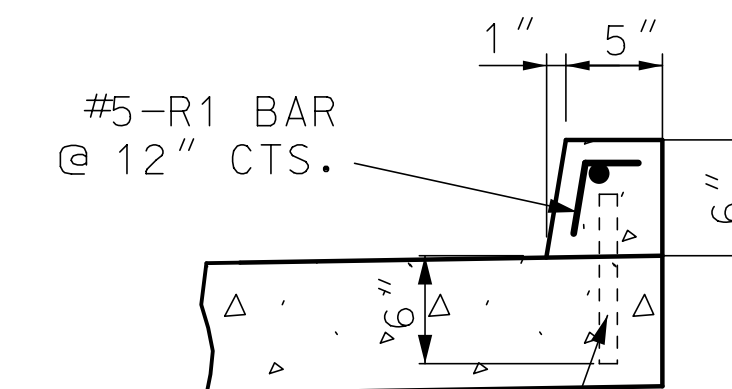
**ALTERNATE B
(CONCRETE OPTION)**



SECTION A-A



SECTION B-B



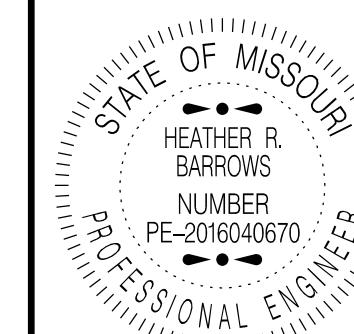
SECTION C-C

1" DIA. X 12" LONG
STEEL DOWELS
AT 24" CENTERS

1" DIA. STEEL DOWELS
AT 24" CENTERS *

* LENGTH OF DOWEL BAR EQUALS
HEIGHT OF CURB PLUS 3"

1" DIA. STEEL DOWELS
AT 24" CENTERS *



Heather R. Barrows
HEATHER R. BARROWS - CIVIL
MO-PE-2016040670

DATE PREPARED
1/23/2025

ROUTE 45 STATE MO

DISTRICT KC SHEET NO. 10

COUNTY PLATTE

JOB NO. JKU0120

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

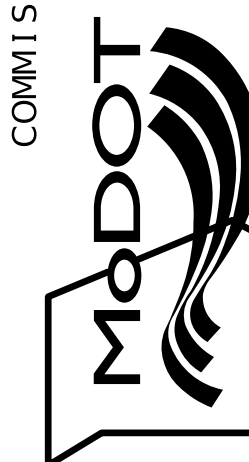
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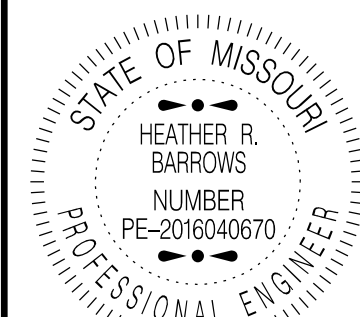
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL JEFFERSON CITY, MO 65102

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





HEATHER R. BARROWS
NUMBER
PE-2016040670
PROFESSIONAL ENGINEER

DATE PREPARED
1/23/2025

ROUTE 45 STATE MO

DISTRICT KC SHEET NO. 15

COUNTY PLATTE

JOB NO. JKU0120

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

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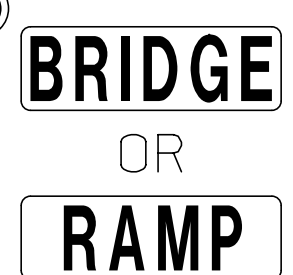
DATE

DESCRIPTION

- SAND BARREL ARRAY
- TEMPORARY CONCRETE BARRIER
- WORK AREA



WO20-1
2

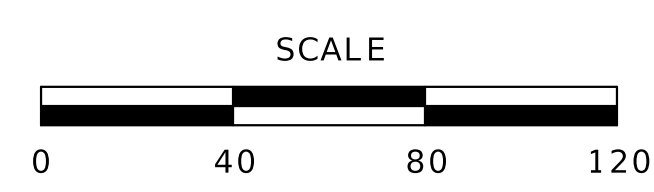
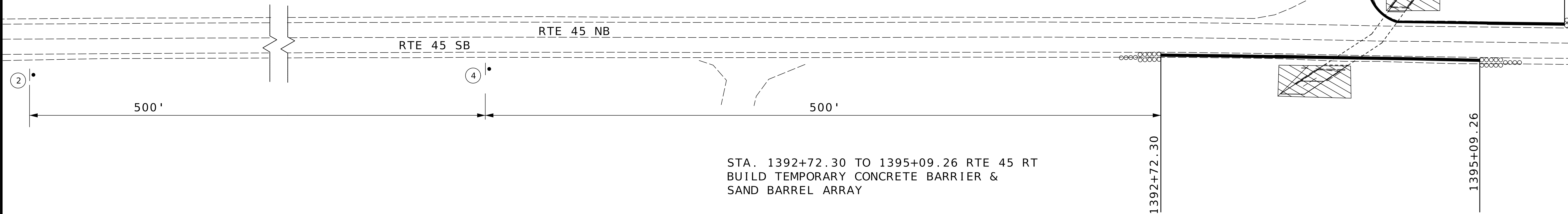
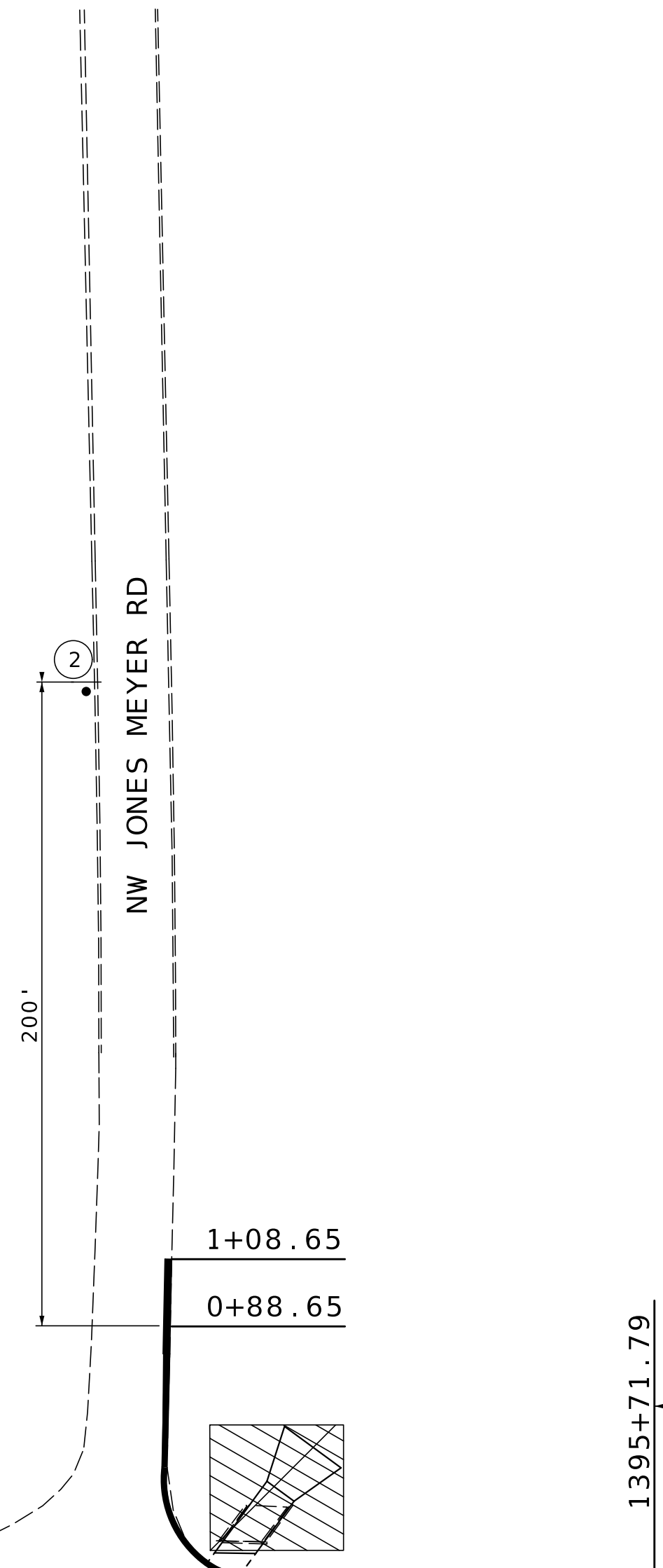
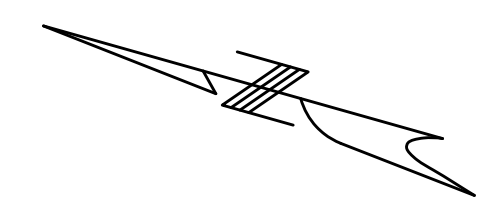


R2-1
4

STA. 1+08.65 LT JONES MEYER RD LT
BUILD 1 TEMPORARY TRAFFIC BARRIER HEIGHT TRANSITION

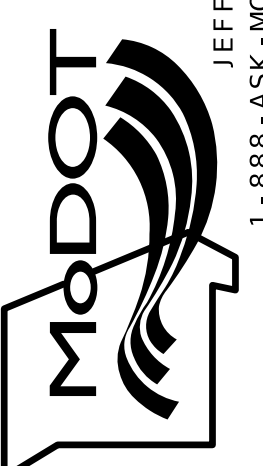
STA. 0+88.65 LT JONES MEYER RD LT TO
STA. 1395+71.79 RTE 45 LT
BUILD TEMPORARY CONCRETE BARRIER

STA. 1392+72.30 TO 1395+09.26 RTE 45 RT
BUILD TEMPORARY CONCRETE BARRIER &
SAND BARREL ARRAY



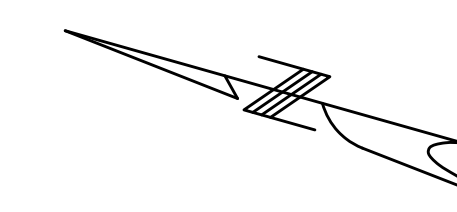
SEE TC SHEET 6 OF 17

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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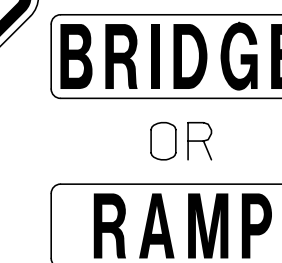
SAND BARREL ARRAY



R2 - 1
④



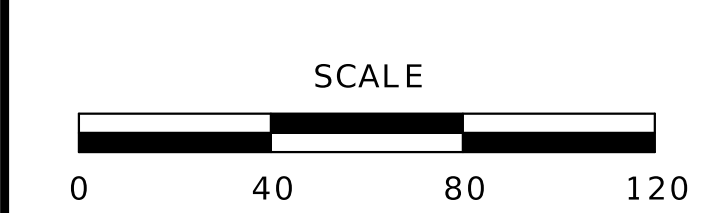
WO20 - 1
②



SEE TC SHEET 5 OF 17



RTE 45 SB
RTE 45 NB



CULVERT WORK PHASE 1
TEMPORARY TRAFFIC CONTROL SHEET
SHEET 6 OF 17



Heather R. Barrows
01/24/2025 1:49:55 PM
HEATHER R. BARROWS, CIVIL
MO-PE-2016040670

DATE PREPARED
1/23/2025

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| ROUTE 45 | STATE MO |
| DISTRICT KC | SHEET NO. 16 |

COUNTY
PLATTE

JOB NO.
JKU0120

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | 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)

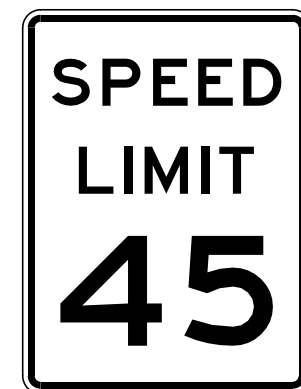


WO20-1
2

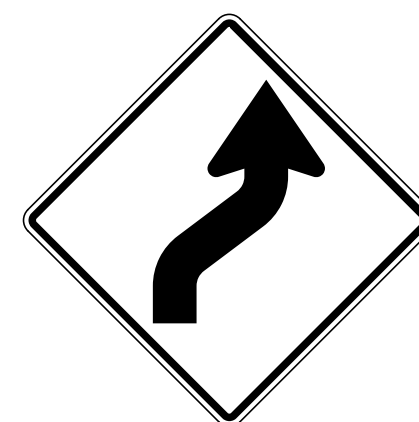
BRIDGE
OR
RAMP



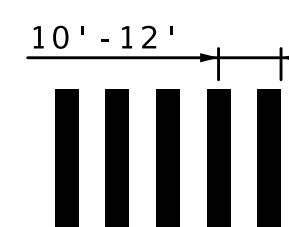
SPECIAL SIGN



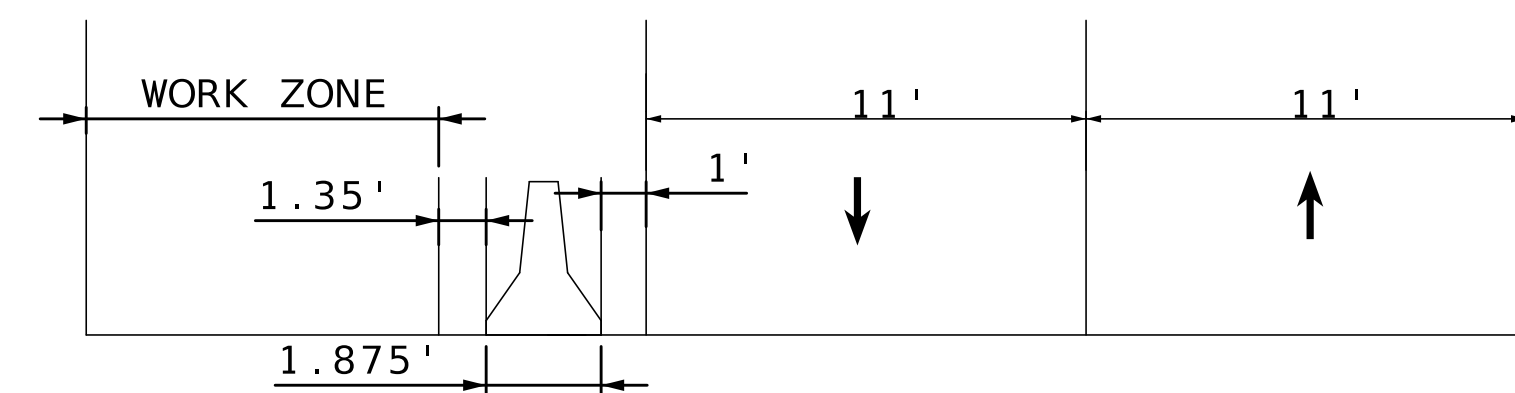
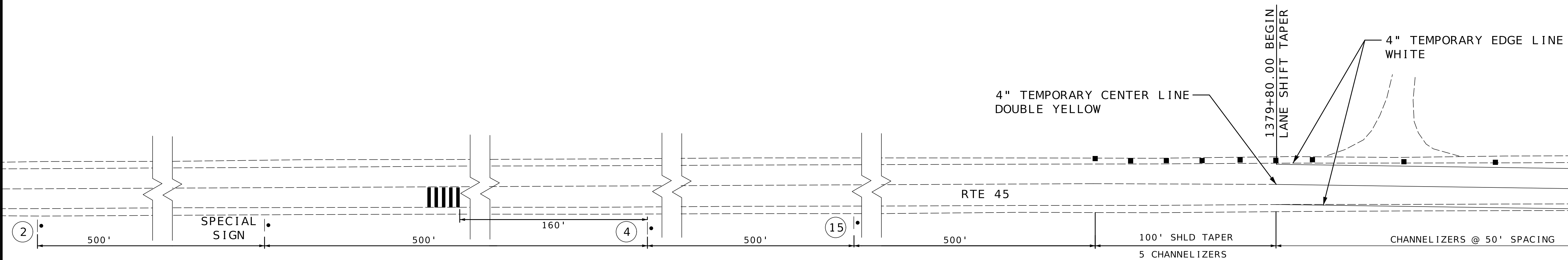
R2-1
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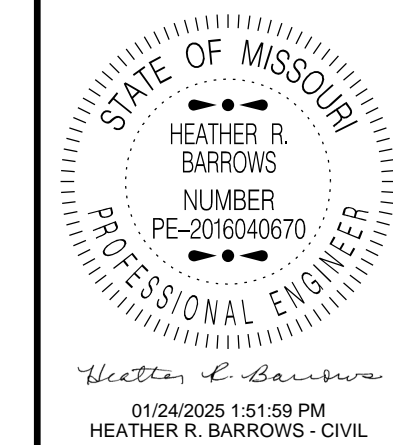
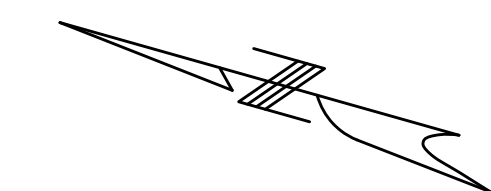
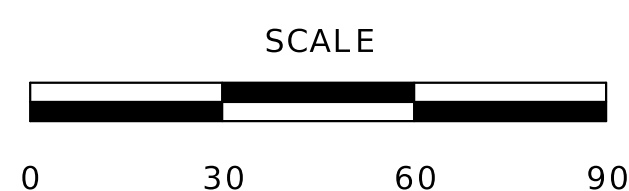
W1-4R
15



10'-12'
TEMPORARY LONG TERM RUMBLE STRIPS



PHASE 1
TYPICAL SECTION
WORK ZONE AREA



DATE PREPARED
1/23/2025

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| ROUTE 45 | STATE MO |
| DISTRICT KC | SHEET NO. 18 |

COUNTY
PLATTE

JOB NO.
JKU0120

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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SEE TC SHEET 9 OF 17

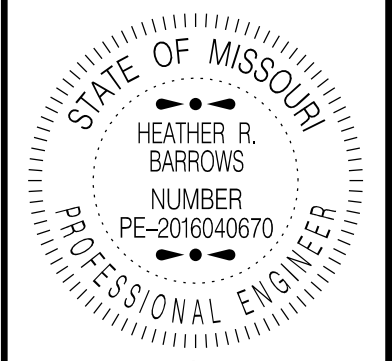
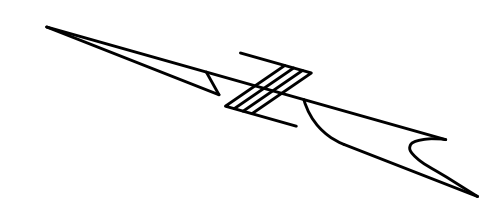
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



○○○○○○ SAND BARREL ARRAY

██████ TEMPORARY CONCRETE BARRIER

▨ WORK AREA



Heather R. Barrows
01/24/2025 1:52:35 PM
HEATHER R. BARROWS - CIVIL
MO-PE-2016040670

DATE PREPARED
1/23/2025

ROUTE STATE
45 MO

DISTRICT SHEET NO.
KC 19

COUNTY
PLATTE

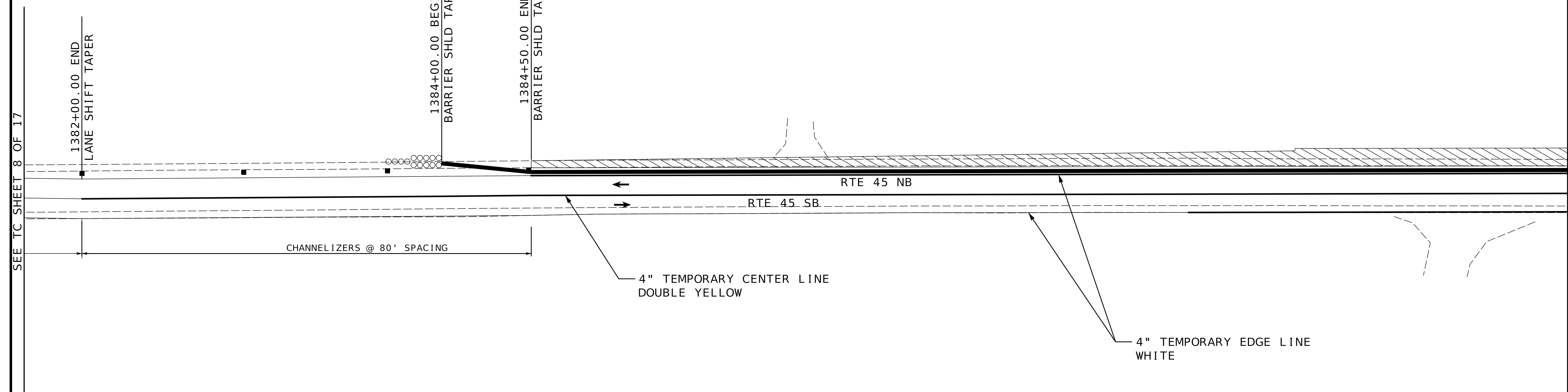
JOB NO.
JKU0120

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

STA. 1384+00.00 TO 1400+14.95 RTE 45 LT
BUILD TEMPORARY CONCRETE BARRIER
2 SAND BARREL ARRAY

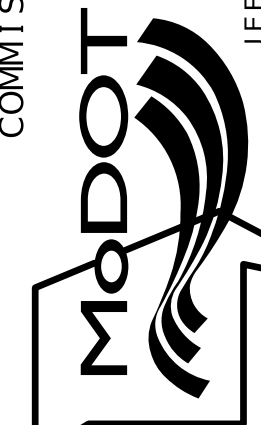


SEE TC SHEET 8 OF 17

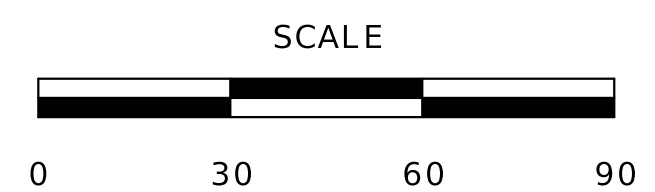
SEE TC SHEET 10 OF 17

| DATE | DESCRIPTION |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



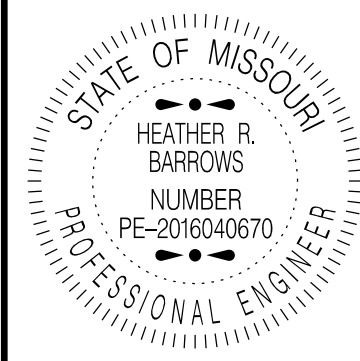
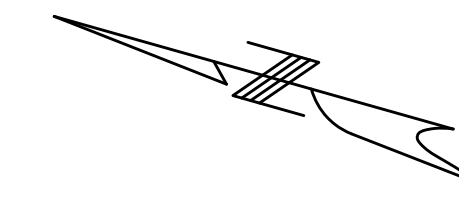
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



○○○○○○○○ SAND BARREL ARRAY

■ TEMPORARY CONCRETE BARRIER

▨ WORK AREA



HEATHER R. BARROWS
NUMBER PE-2016040670
PROFESSIONAL ENGINEER

DATE PREPARED
1/23/2025

ROUTE 45 STATE MO

DISTRICT KC SHEET NO. 26

COUNTY PLATTE

JOB NO. JKU0120

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
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SEE TC SHEET 15 OF 17

SEE TC SHEET 17 OF 17

4" TEMPORARY EDGE LINE WHITE

4" TEMPORARY CENTER LINE DOUBLE YELLOW

CHANNELIZERS @ 80' SPACING

CHANNELIZERS @ 50' SPACING

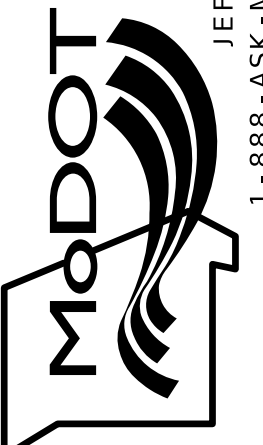
RTE 45 NB

1399+56.36 BEGIN BARRIER SHLD TAPER

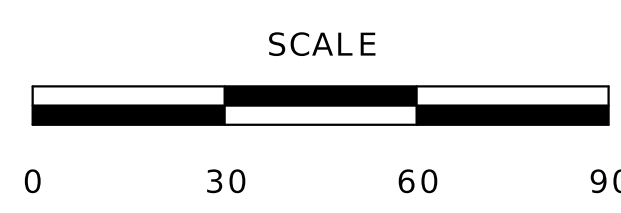
1400+06.36 END BARRIER SHLD TAPER

1402+06.36 BEGIN LANE SHIFT TAPER

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



TEMPORARY TRAFFIC CONTROL
PHASE 3 FOR RIGHT WIDENING
SHEET 16 OF 17

