

A.A.D.T. - 2023 = 1166
A.A.D.T. - 2043 = 1422
T = 15%
V = 55 M.P.H.
D = 51%
FUNCTIONAL CLASSIFICATION- MAJOR COLLECTOR

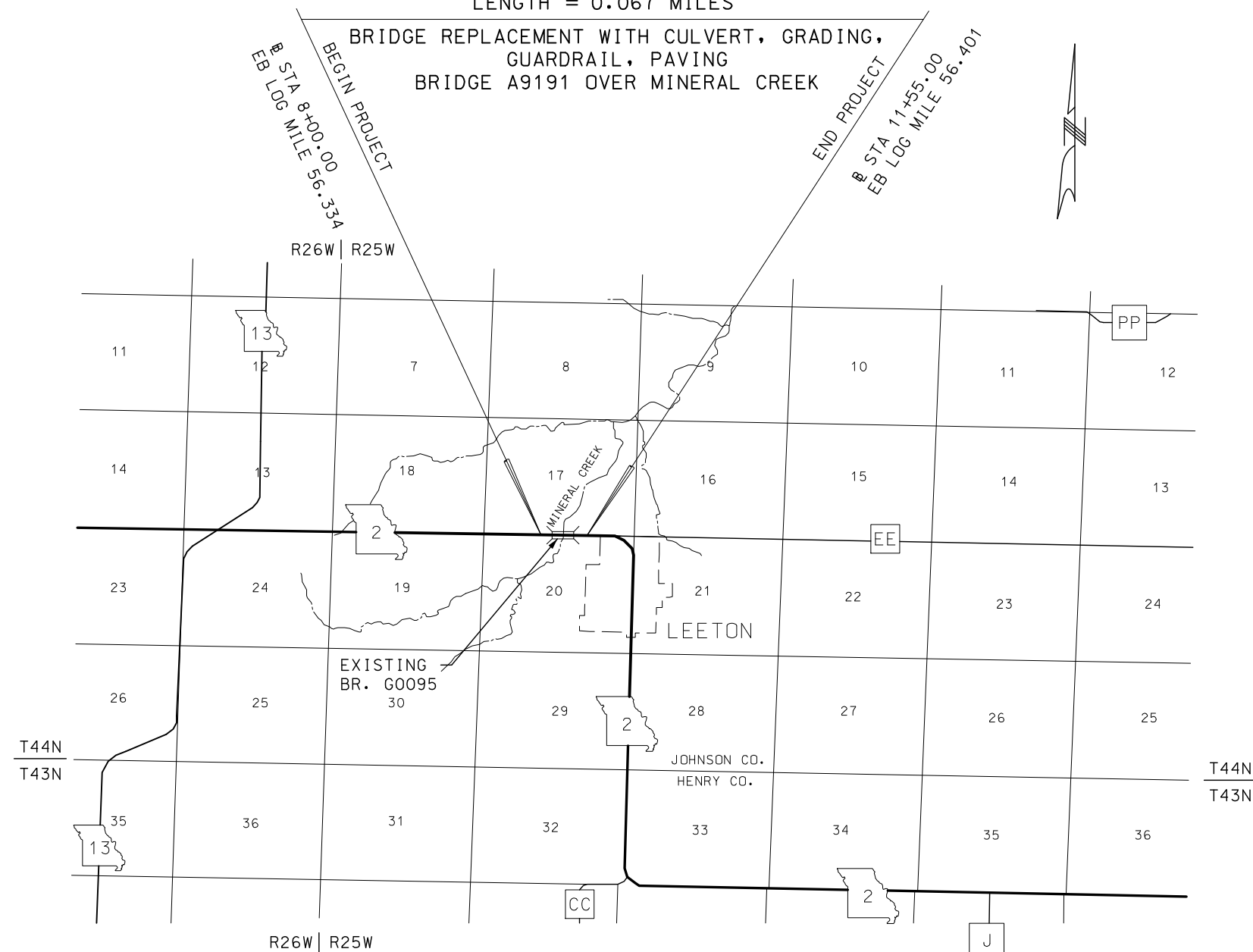
NORMAL RIGHT OF WAY AND DRAINAGE EASEMENTS
TO BE ACQUIRED WITH THIS PROJECT

	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

PROJECT LIMITS - MO 2
LENGTH = 0.067 MILES

BRIDGE REPLACEMENT WITH CULVERT, GRADING,
GUARDRAIL, PAVING
BRIDGE A9191 OVER MINERAL CREEK



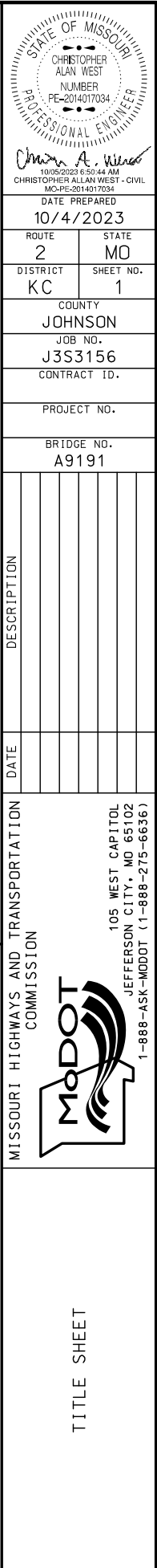
ALL STATIONS ARE DESIGNATED ON THESE PLANS AS FOLLOWS:
 C IS EXISTING SURVEY CENTERLINE
 B IS PROPOSED BASELINE

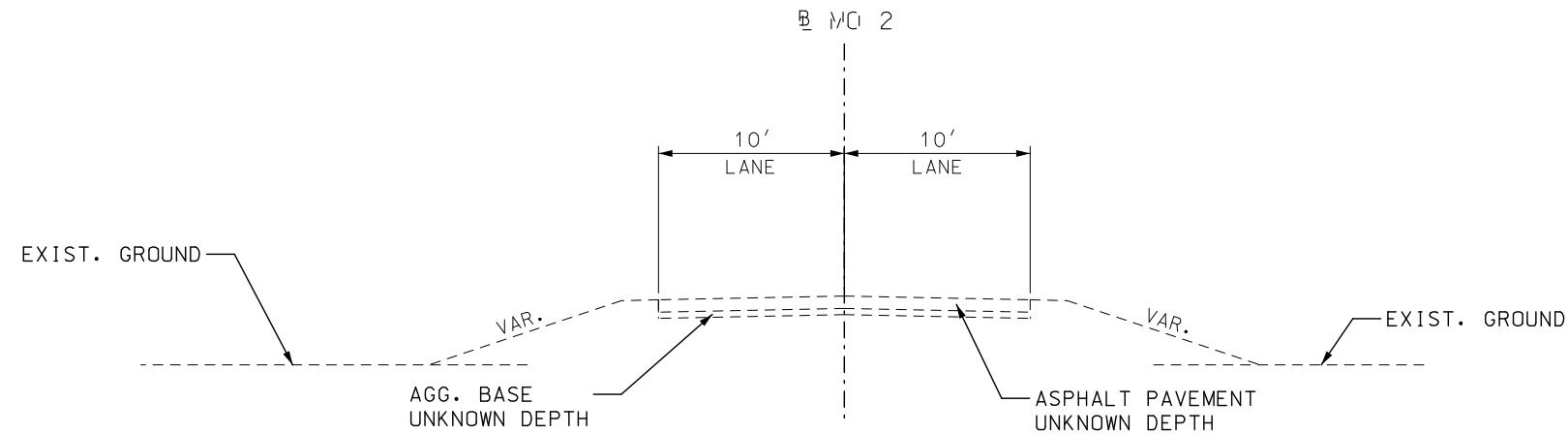
THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY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

DESCRIPTION	NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (1 SHEETS)---	2
QUANTITIES (QU) (2 SHEETS)-----	3
PLAN-PROFILE (PP)-----	4
RIGHT OF WAY (RW)-----	5
REFERENCE POINTS (RP)-----	6
COORDINATE POINTS (CP)-----	7
TRAFFIC CONTROL SHEETS (TC)-----	8-11
EROSION CONTROL SHEETS (EC)-----	12
CROSS SECTIONS (XS)-----	1-6
BRIDGE DRAWINGS (B)	
A9191 -----	1-5

BEGINNING OF PROJECT	STA.	8+00.00	
END OF PROJECT	STA.	11+55.00	
APPARENT LENGTH		355.00	FEET
EQUATIONS AND EXCEPTIONS:		NONE	

TOTAL CORRECTIONS	0.0	FEET
NET LENGTH OF PROJECT	355.00	FEET
STATE LENGTH	0.067	MILES
FOR INFORMATION ONLY		
ESTIMATED DISTURBED ACRES	0.54	ACRES

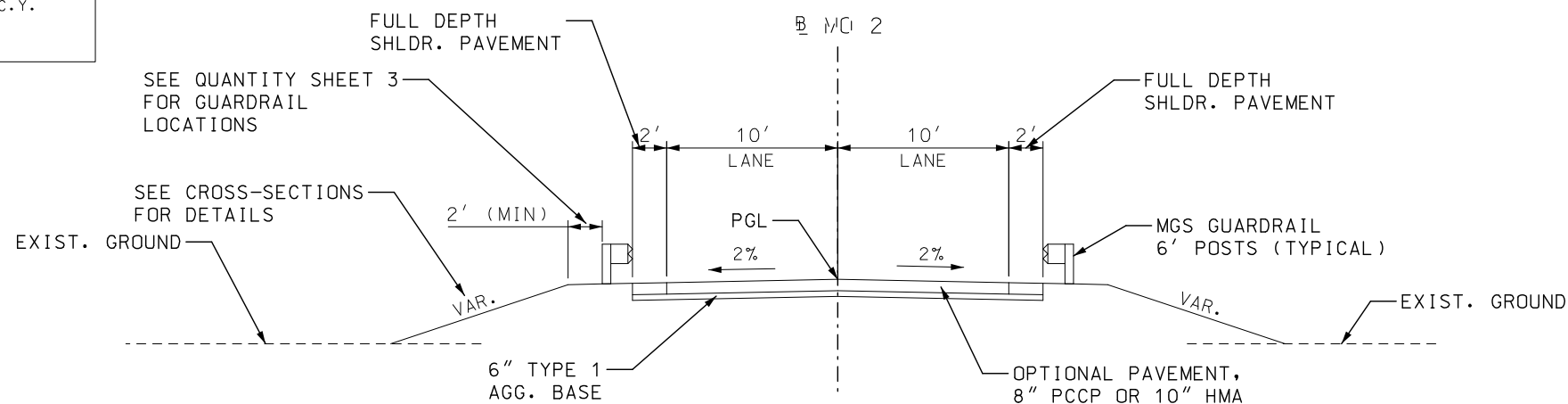




EXISTING TYPICAL SECTION - MO 2
@ STA. 8+00.00 TO 11+55.00

ESTIMATE FACTORS
(FOR INFORMATION ONLY)

BP-1 W/PG 64-22: 1.996 TONS/C.Y.
BB W/PG 64-22: 2.014 TONS/C.Y.
TACK COAT: 0.08 GAL/S.Y.



PROPOSED TYPICAL SECTION - MO 2
@ STA. 9+00.00 TO 10+50.00

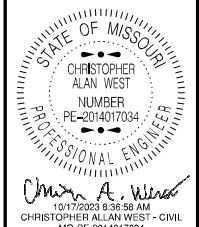
GUARDRAIL SLOPE GRADING
@ 8+00.00 TO 11+55.00

TRANSITION SHOULDER WIDTH FROM 0' TO 2'
@ STA. 9+00.00 TO 9+30.00
TRANSITION SHOULDER WIDTH FROM 2' TO 0'
@ 10+20.00 TO 10+50.00

OPTIONAL PAVEMENTS

1.75" BP-1 W/PG 64-22 OVER
8.25" BB W/PG 64-22
OR
8.0" PCCP, 15' JOINTS &
1.25" DOWEL SPACING

TYPICAL SECTION
MO 2
SHEET 1 OF 1



DATE PREPARED
10/12/2023
ROUTE
2
STATE
MO
DISTRICT
KC
SHEET NO.
2

COUNTY
JOHNSON
JOB NO.
J3S3156
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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

REV. IF A SEAL IS PRESENT ON THIS SHEET, IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REMOVAL OF IMPROVEMENTS							
SHEET	STA	STA	LOCATION	DESCRIPTION	QUANTITY	UNITS	REMARKS
4	9+00.00		MO 2	PAVEMENT REMOVAL SAWCUT	20	LF	
4	10+50.00		MO 2	PAVEMENT REMOVAL SAWCUT	24	LF	
4	9+00.00	9+57.49	MO 2	PAVEMENT REMOVAL	128	SY	
4	9+99.95	10+50.00	MO 2	PAVEMENT REMOVAL	112	SY	
4	9+24.45		MO 2	OBJECT MARKER REMOVAL	1	EA	12.28' RT.
4	9+39.98		MO 2	OBJECT MARKER REMOVAL	1	EA	12.21' LT.
4	9+41.28		MO 2	OBJECT MARKER REMOVAL	1	EA	11.47' RT.
4	9+56.96		MO 2	OBJECT MARKER REMOVAL	1	EA	11.57' LT.
4	9+57.44		MO 2	OBJECT MARKER REMOVAL	1	EA	10.78' RT.
4	10+00.44		MO 2	OBJECT MARKER REMOVAL	1	EA	10.80' LT.
4	10+19.85		MO 2	OBJECT MARKER REMOVAL	1	EA	11.89' RT.
4	10+20.34		MO 2	OBJECT MARKER REMOVAL	1	EA	11.68' LT.
4	10+38.73		MO 2	OBJECT MARKER REMOVAL	1	EA	12.77' RT.
4	10+38.66		MO 2	OBJECT MARKER REMOVAL	1	EA	12.75' LT.
4	8+88.67	9+54.71	MO 2	FENCE REMOVAL PARCEL 1	66.00	LF	LT.
4	9+92.95	10+75.52	MO 2	FENCE REMOVAL PARCEL 1	83.00	LF	LT.
4	8+40.69	9+60.75	MO 2	FENCE REMOVAL PARCEL 2	120.00	LF	RT.
1 LUMP SUM							

EARTHWORK				
		CLASS A EXCAVATION CY	COMPACTING EMBANKMENT CY	COMPACTING IN CUT STA
STA	STA			
8+00.00	11+55.00	951.4	806.1	3.5
*TOTALS		951	806	3.5

* NO SHRINK/SWELL FACTORS USED FOR EARTHWORK COMPS.

SIGN REMOVE AND RELOCATE				
STA	OFFSET FT.	SIDE	RELOCATION OF EXISTING SIGNS	REMARKS
9+55.49	13.24	RT.	1	MINERAL CREEK SIGN
10+04.31	13.29	LT.	1	MINERAL CREEK SIGN
TOTALS			2	

SURVEY MONUMENTS	
DESCRIPTION	QUANTITY
WITNESS POST ASSEMBLIES	9
* TOTALS	9

* SEE ROW SHEET 5
FOR MONUMENT LOCATIONS

CLEARING & GRUBBING		
STA	STA	AREA ACRE
8+00.00	11+55.00	0.2
TOTAL		1

TEMPORARY FENCING							
SHEET NO.	TRACT #	BEGIN STATION	END STATION	LOCATION	SIDE	DESCRIPTION	QUANTITY LF
4	1	8+88.67	9+54.71	CONST. BASELINE MO 2	LT	5 STRAND BARBED WIRE FENCE	76.5
4	1	10+11.87	10+75.52	CONST. BASELINE MO 2	LT	5 STRAND BARBED WIRE FENCE	69.64
4	2	8+40.69	9+60.75	CONST. BASELINE MO 2	RT	5 STRAND BARBED WIRE FENCE	131.03
TOTAL							277.2
PAY TOTAL							277

GUARDRAIL							
SHEET NO.	BEGIN STATION	END STATION	ROADWAY	LOCATION	MGS GUARDRAIL 6 FT. POSTS, 6 FT. - 3 IN. SPACING (L.F.)	TYPE A CRASHWORTHY END TERMINAL 50 FT. (MASH) (EA.)	MGS BRIDGE APPROACH TRANSITION (THRIE-BEAM BRIDGE) (EACH)
4	8+37.00	9+64.00	MO 2	CONST. BASELINE LT.	75.0	1	1
4	10+03.00	11+17.00	MO 2	CONST. BASELINE LT.	62.5	1	1
4	8+50.00	9+64.00	MO 2	CONST. BASELINE RT.	62.5	1	1
4	10+03.00	11+30.00	MO 2	CONST. BASELINE LT.	75.0	1	1
TOTAL					275.0	4	4
PAY TOTAL					275	4	4

PAVEMENT						
STA.	STA.	LOCATION	LENGTH FT	OPTIONAL PAVEMENT SY	6" TYPE 5 BASE SY	REMARKS
9+00.00	10+50.00	MO 2	150	400	400	PAVEMENT REPLACEMENT
TOTALS				400	400	

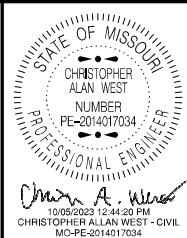
PAVEMENT MARKING					
STA	STA	LOCATION	LENGTH FT	4" WHITE STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS LF	4" YELLOW STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS LF
9+00.00	10+50.00	BL MO 2	150	300	300
TOTALS				300	300

ROCK DITCH LINER											
SHEET	STA.	STA.	LOCATION	SIDE	WIDTH (FT.)	DEPTH (FT.)	FURNISHING TYPE 2 ROCK DITCH LINER (CY)	PLACING TYPE 2 ROCK DITCH LINER (CY)	FURNISHING TYPE 3 ROCK DITCH LINER (CY)	PLACING TYPE 3 ROCK DITCH LINER (CY)	BEDDING MATERIAL (CY)
12	9+00.00	9+50.00	MO 92	RT	6.00	2.00	24.0	24.0			8.0
12	9+35.00	9+65.00	MO 92	LT	12.00	2.00			48.5	48.5	16.2
12	10+00.00	10+50.00	MO 92	LT	6.00	2.00	23.4	23.4			7.8
12	10+18.27	10+50.00	MO 92	RT	12.00	2.00			29.8	29.8	9.9
TOTALS							47	47	78	78	42

SEEDING				
STA	STA	AREA SF	COOL SEEDING MIX ACRE	ADDITIONAL MOBILIZATION FOR SEEDING
8+00.00	11+55.00	19647.34	0.5	1
TOTALS			1	1

TEMPORARY EROSION CONTROL						
STA	STA	SIDE	SILT FENCE LF	SEDIMENT REMOVAL CY	ROCK DITCH CHECK LF	EROSION CONTROL BLANKET 3B SY
8+08.00	9+70.00	RT	180	1.8		
7+95.00	9+30.00	LT	143	1.43		
10+10.00	11+29.00	LT	136	1.36		
10+52.00	11+52.00	RT	102	1.02		
9+13.00	9+13.00	RT.			18	
9+48.00	9+60.00	LT.			24	
10+07.00	10+36.00	LT.			18	
10+21.00	10+40.00	RT.			36	
8+20.00	9+63.00	RT.				196
9+05.00	9+63.00	LT.				128
10+03.00	10+52.00	LT.				100
10+03.00	10+50.00	RT.				120
TOTALS			561	6	96	544

SUMMARY OF QUANTITIES
SHEET 1 OF 2



DATE PREPARED 10/5/2023	
ROUTE 2	STATE MO
DISTRICT KC	SHEET NO. 3
COUNTY JOHNSON	
JOB NO. J3S3156	
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)

IF A SEAL IS PRESENT ON THIS SHEET, IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MO-PE-2014017034	
DATE PREPARED 10/4/2023	
ROUTE 2	STATE MO
DISTRICT KC	SHEET NO. 3

JOB NO.
J3S3156

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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[illegible]

DESCRIPTION

[illegible][illegible]

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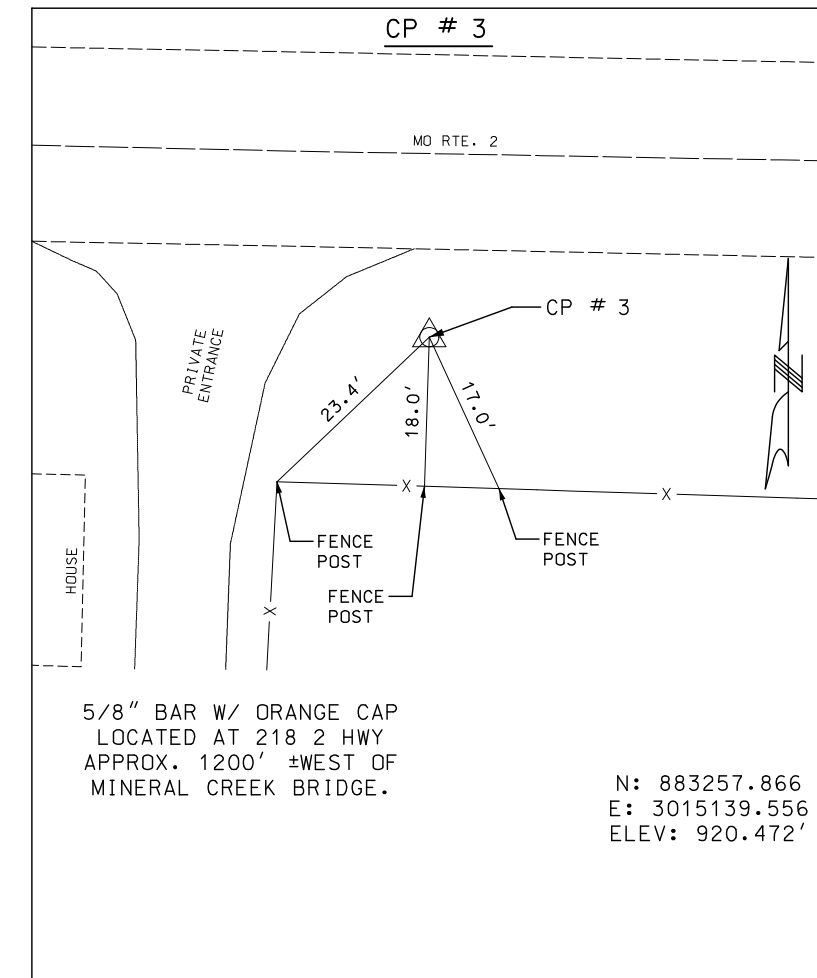
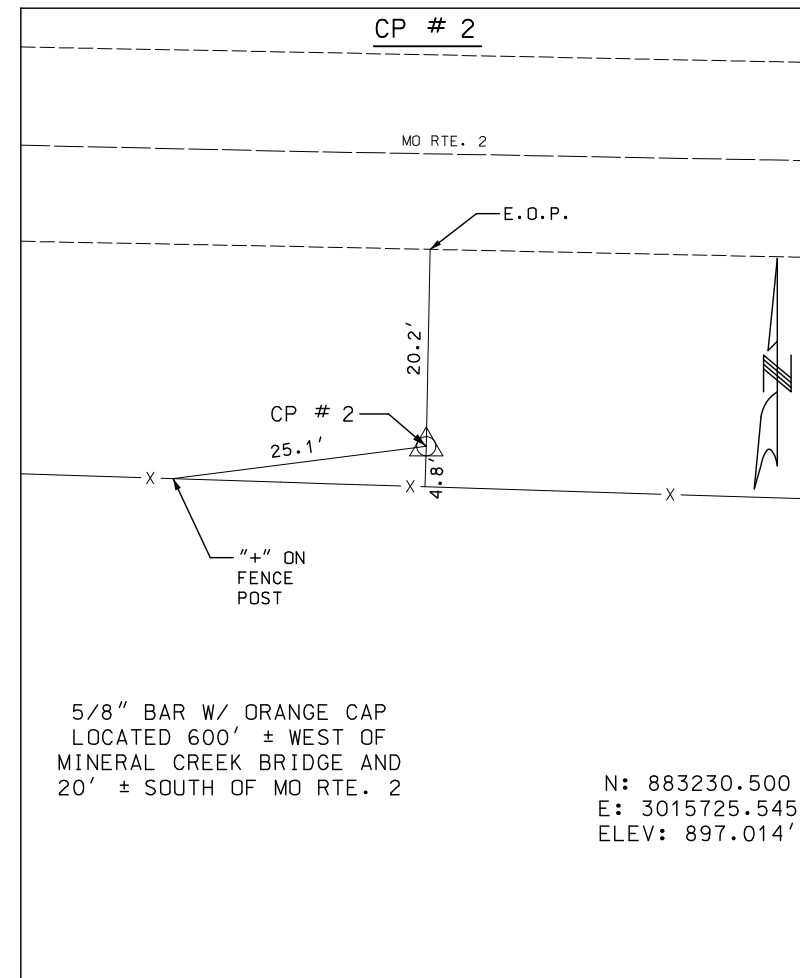
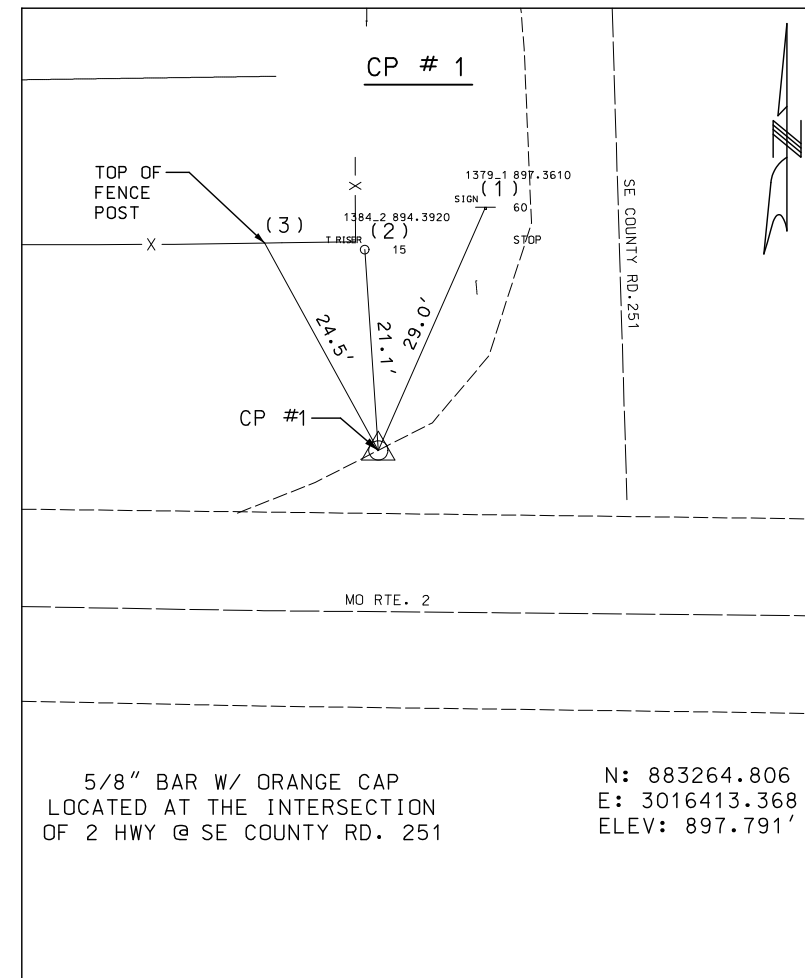
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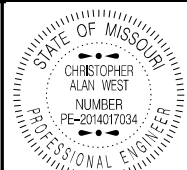
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ALL COORDINATES SHOWN ON THIS SHEET ARE
MODIFIED STATE PLANE (GROUND)
MISSOURI WESTERN ZONE, NAD 1983
PROJECTION FACTOR: 1.00003850
AVERAGE GRID FACTOR: 0.99996150

REFERENCE POINT SHEET
SHEET 1 OF 1



10/03/2023 7:04:47 AM
CHRISTOPHER ALLAN WEST - CIVIL
MC-PF-2014017034

DATE PREPARED
10/2/2023

ROUTE	STATE
2	MO

DISTRICT KC	SHEET NO. 6
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COUNTY
JOHNSON

JOB NO.
J3S3156

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]

**MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION**

 **MoDOT**

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

[illegible]

ALL PROJECT COORDINATES HAVE BEEN PROJECTED FROM THE MISSOURI STATE PLANE COORDINATE (SPC) SYSTEM OF 1983 USING AN AVERAGE PROJECT PROJECTION (GRID TO GROUND) FACTOR. TO GET BACK TO STATE PLANE COORDINATES, MULTIPLY THE PROJECT COORDINATES BY THE AVERAGE GRID FACTOR AS SHOWN IN THE "REFERENCE CONTROL INFORMATION" PORTION OF THIS TABLE.

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	MODIFIED STATE PLANE (GROUND)
HORIZONTAL DATUM	NAD83
VERTICAL DATUM	NAVD88 (GNSS DERIVED)
GEOID MODEL	GEOID12
ELEVATIONS DETERMINED BY	GPS DERIVED

PROJECT PROJECTION FACTOR	1.00003850
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REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM		MO COORDINATE SYSTEM OF 1983	
CONTROL STATION		MO GEOGRAPHIC REFERENCE SYSTEM	
DESIGNATION	JO-07		
CORS_ID			
PID	101007		
LATITUDE	38° 35' 16.28455"		
LONGITUDE	93° 41' 40.08898"		
NORTHING (M)	269007.1390		
EASTING (M)	920179.6360		
ZONE	WESTERN		

PROJECT AVERAGE GRID FACTOR	0.99996150
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EXAMPLE OF PROJECT COORDINATE TO S.P.C.

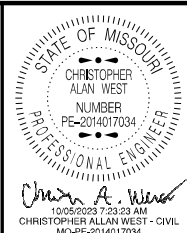
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PROJECT NORTHING X AVERAGE GRID FACTOR
= STATE PLANE NORTHING
PROJECT EASTING X AVERAGE GRID FACTOR
= STATE PLANE EASTING
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EXAMPLE: CONTROL POINT # 1
N 883,264.81 X 0.99996150 = N 883,230.80
E 3,016,413.37 X 0.99996150 = E 3,016,297.24

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

[illegible]

DATE PREPARED
10/5/2023

ROUTE 2	STATE MO
------------	-------------

DISTRICT KC	SHEET NO. 7
----------------	----------------

COUNTY
JOHNSON

JOB NO.
J3S3156

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)

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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

SPACING AND TAPER LENGTHS FOR WORK ZONE SIGNS, CHANNELIZERS AND CONCRETE BARRIER

SIGN SPACING FOR ADVANCE SIGN SERIES (1) (2)		
PERMANENT POSTED SPEED MPH	UNDIVIDED HIGHWAYS	DIVIDED HIGHWAYS
0-35	200'	200'
40-45	350'	500'
50-55	500'	1000'
60-70	1000'	SA - 1000' SB - 1500' SC - 2640'

TAPER LENGTHS AND END TREATMENTS FOR CONCRETE BARRIER				
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH (3)			END TREATMENT (4)
	10'	11'	12'	
< 40	160'	168'	176'	BARRIER HEIGHT TRANSITION
> 40	160'	168'	176'	APPROVED CRASH CUSHION

TAPER LENGTHS AND SPACING FOR CHANNELIZERS							
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH (3)			MINIMUM SHOULDER TAPER LENGTH BASED ON 10' SHOULDER	BUFFER LENGTH FT	MAXIMUM CHANNELIZER SPACING	
	10'	11'	12'			THROUGH TAPER	THROUGH WORK AREA
0-35	205'	225'	245'	70'	280'	35'	40'
40-45	450'	495'	540'	150'	400'	40'	80'
50-55	550'	605'	660'	185'	560'	50'	80'
60-70	700'	770'	840'	235'	840'	60'	120'

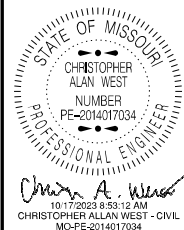
- NOTE:
- (1)

SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OF SIGNED CONDITION.
- (2)

SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
- (3)

TAPER LENGTHS SHOWN INCLUDE LENGTH REQUIRED FOR LANE AND 10' SHOULDER
- (4)

CONCRETE BARRIER MAY BE INSTALLED AT 8:1 FLARE RATE FROM THE SHOULDER POINT OF THE LIMITS OF THE CLEAR ZONE WHERE THE SIDE SLOPE IS 6:1 OR FLATTER



DATE PREPARED 10/17/2023	
ROUTE 2	STATE MO
DISTRICT KC	SHEET NO. 9
COUNTY JOHNSON	
JOB NO. J3S3156	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

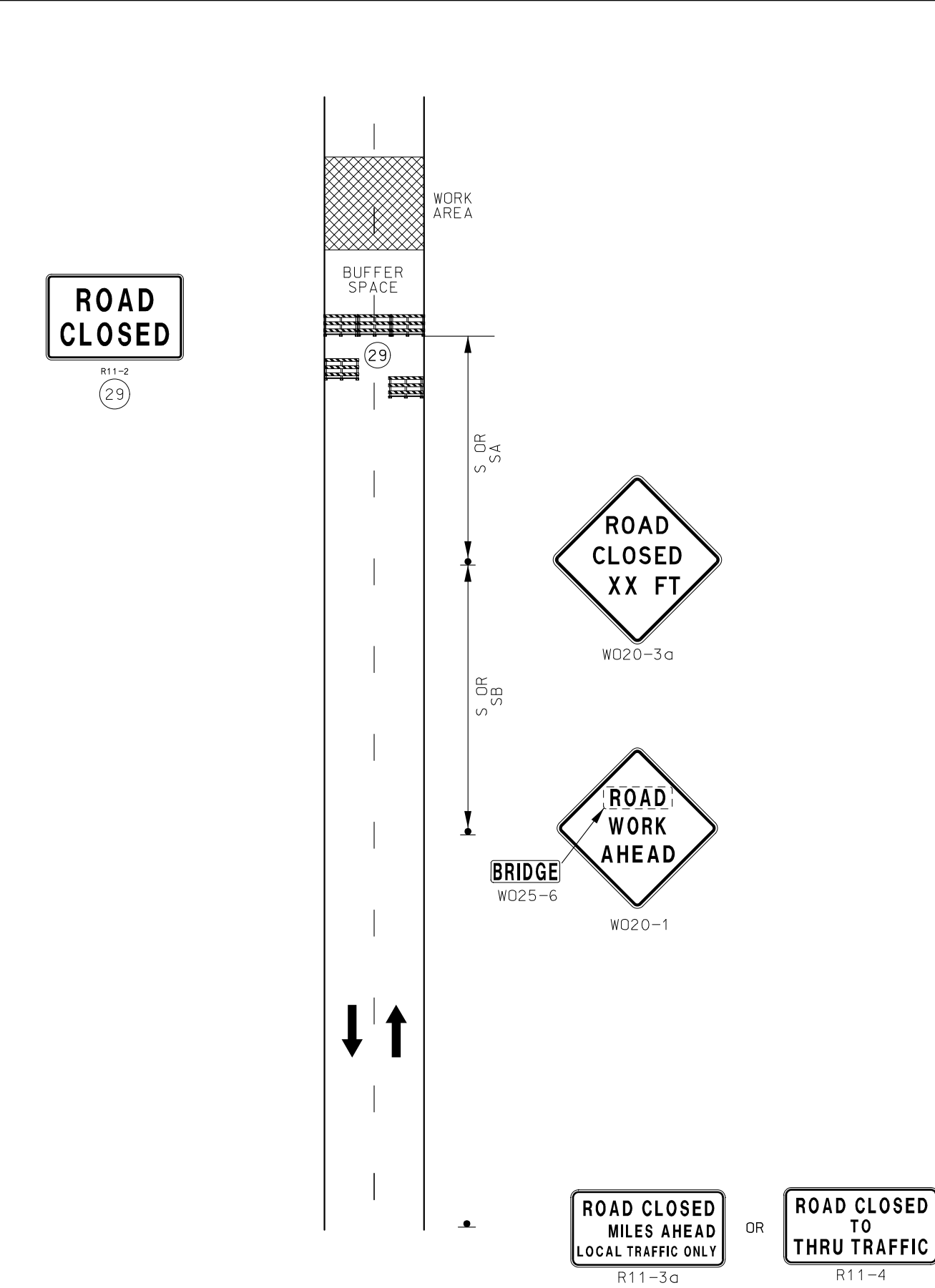
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED. REV.



NOTES:

SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES.

SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.

WHEN A SIDE ROAD INTERSECTS THE HIGHWAY WITHIN THE TTC ZONE ADDITIONAL TTC DEVICES SHALL BE PLACED AS NEEDED.

"ROAD CLOSED" SIGN MAY BE PLACED 7-10 FEET BEHIND THE BARRICADES AND AT A SIGN HEIGHT APPROPRIATE TO THE TYPE OF ROADWAY. ONE BARRICADE SHOULD BE REQUIRED TO COMPLETELY CLOSE EACH 8-FEET OF PAVEMENT. PAVED SHOULDERS SHALL BE INCLUDED IN THE AREA TO BE CLOSED.

IF USED, THE "ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY" OR "ROAD CLOSED TO THRU TRAFFIC" SIGN SHOULD BE LOCATED AT THE FIRST STATE ROUTE OR, UPON THE DISCRETION OF THE ENGINEER, ANY OTHER INTERSECTION IN ADVANCE OF THE CLOSURE. ADDITIONAL BARRICADES MAY BE USED AND OFFSETTED TO FACILITATE ACCESS FOR WORK VEHICLES, LOCAL TRAFFIC, ETC.



HIGHWAY
CLOSURE
ON UNDIVIDED HIGHWAY
TEMPORARY
TRAFFIC CONTROL
SHEET 3 OF 4

STATE OF MISSOURI

CHRISTOPHER ALAN WEST

NUMBER

PE-2014017034

PROFESSIONAL ENGINEER

10/17/2023 8:49:06 AM

CHRISTOPHER ALAN WEST - CIVIL

MO-PE-2014017034

DATE PREPARED

10/17/2023

ROUTE

2

DISTRICT

KC

STATE

MO

SHEET NO.

10

COUNTY

JOHNSON

JOB NO.

J3S3156

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

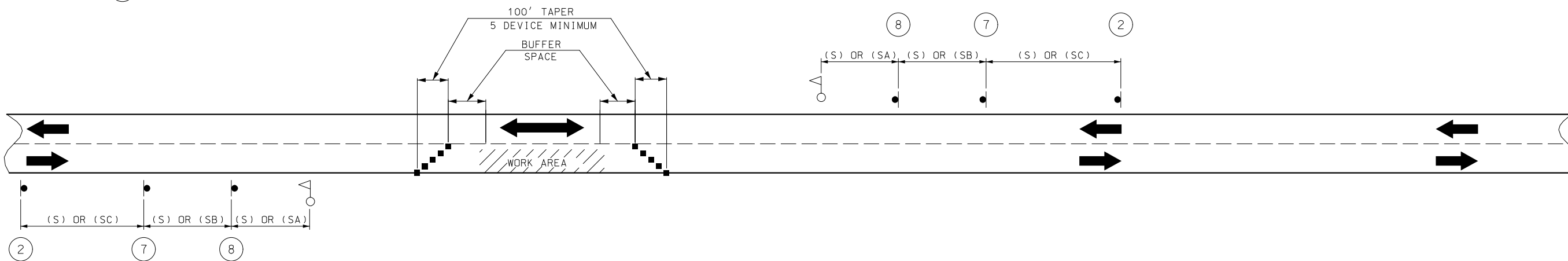
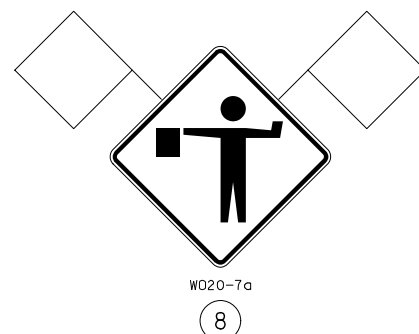
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



SPEED	SIGN SPACING (FT.)	
	(1)	
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA)-1000 (SB)-1500 (SC)-2640

PERMANENT POSTED SPEED LIMIT (MPH)	BUFFER SPACE LENGTH (FT)
0 - 35	280
40 - 45	400
50 - 55	560
60 - 70	840

■ - CHANNELIZERS
○ - FLAGGER

NOTES:

DAYLIGHT FLAGGING OPERATIONS ONLY.

CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL. THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

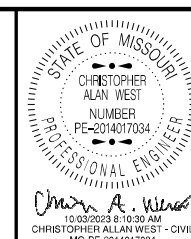
FLAG ASSEMBLIES FOR SIGNS WILL BE PAID FOR AS EACH PER SIGN, EXCEPT FOR SIGN W020-7a WHICH IS SUBSIDIARY TO THE SIGN.

NOTES:

(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

SINGLE TEMPORARY LANE CLOSURE WITH FLAGGER
TRAFFIC CONTROL
SHEET 4 OF 4



DATE PREPARED
10/2/2023

ROUTE 2	STATE MO
DISTRICT KC	SHEET NO. 11

COUNTY
JOHNSON

JOB NO.
J3S3156

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

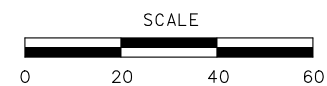
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.

 SILT FENCE

 ROCK DITCH CHECK

 EROSION CONTROL BLANKET, TYPE 3B



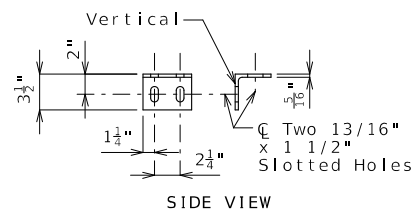
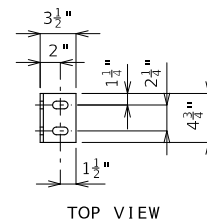
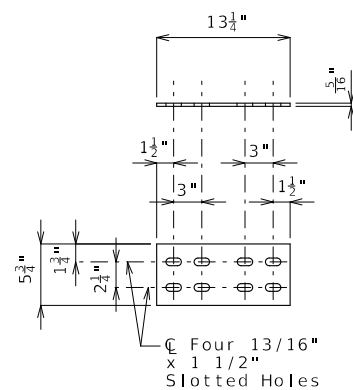
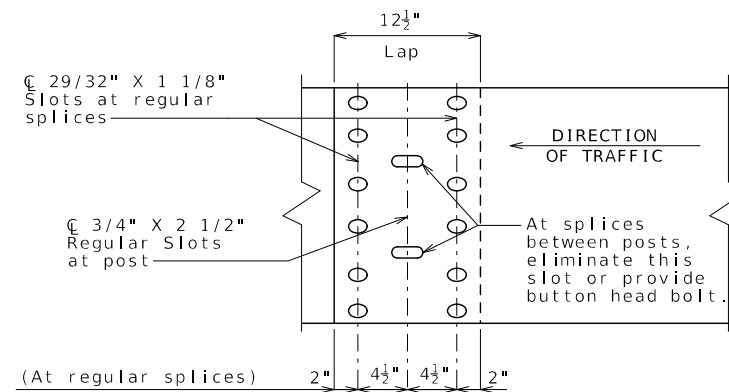
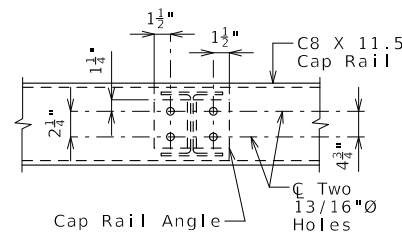
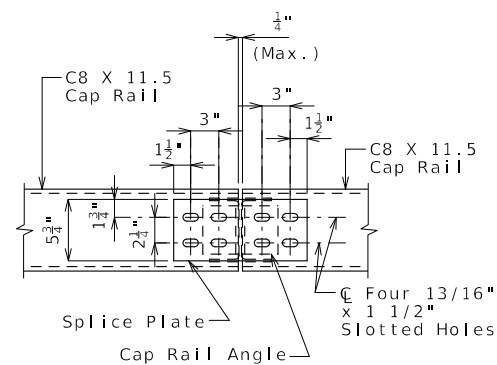
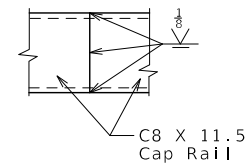
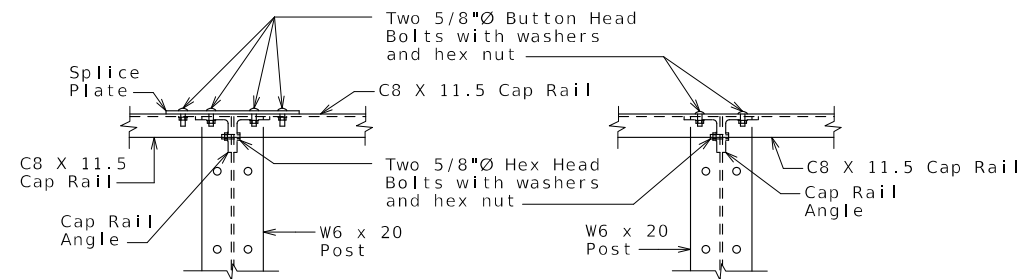
STATE OF MISSOURI
CHRISTOPHER
ALAN WEST
NUMBER
PE-201407034
PROFESSIONAL ENGINEER
10/03/2023 8:11:05 AM
CHRISTOPHER ALLAN WEST - CIVIL

[illegible]

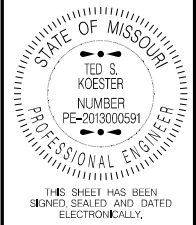
**MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION**

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6336)



Note: Work this sheet with Sheet No. 2.



DATE PREPARED	
9/29/2023	
ROUTE	STATE
2	MO
DISTRICT	SHEET NO.
BR	3
COUNTY	
JOHNSON	
JOB NO.	
J3S3156	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
A9191	

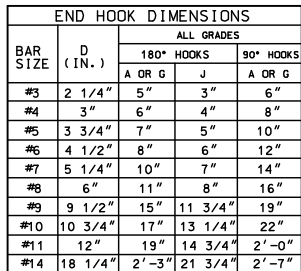
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**MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION**

MoDOT

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

BILL OF REINFORCING STEEL																										
NO.	REQ'D.	MARK NO.	LOCATION	EPOXY (E)	SHAPE NO.	STIRRUP (S)	SUBSTR. (X)	VARIES (V)	NO. EACH	DIMENSIONS								NOMINAL LENGTH	ACTUAL LENGTH	WEIGHT						
										B		C		D		E					F		H		K	
										FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.				FT.	IN.	FT.	IN.	FT.	IN.
190	5	A100	SLABS	20						39	0.000							39	0	39	0	7729				
31	5	A101	SLAB FLARE	20				V	1	39	1.000							39	1	39	1					
			INCREMENT =							59	3.000							59	3	59	3	1590				
			8.125 INCH																							
8	5	A102	SLAB FLARE	20						60	0.000							60	0	60	0	501				
7	5	A103	SLAB FLARE	20				V	1	2	9.000							2	9	2	9					
			INCREMENT =							6	10.000							6	10	6	10	35				
			8.125 INCH																							
296	5	B100	WALLS	10	S							12.000	13	7.000				15	7	15	5	4760				
4	8	D100	HEADWALL	20						39	0.000							39	0	39	0	417				
8	8	D101	HEADWALL	20						6	0.000							6	0	6	0	128				
32	5	E100	TOE WALLS	20						4	11.000							4	11	4	11	164				
92	4	F100	WALLS & SLAB	20						60	0.000							60	0	60	0	3687				
34	4	F101	TOP SLAB	20						41	9.000							41	9	41	9	948				
14	4	F102	TOP SLAB	20						42	1.000							42	1	42	1	394				
2	4	F103	EXT WALL	20						49	10.000							49	10	49	10	67				
2	4	F104	EXT WALL	20						54	11.000							54	11	54	11	73				
2	4	F105	EXT WALL	20						57	5.000							57	5	57	5	77				
2	4	F106	EXT WALL	20						52	4.000							52	4	52	4	70				
14	4	F107	EXT WALL	20				V	2	4	8.000							4	8	4	8					
			INCREMENT =							34	2.000							34	2	34	2	182				
			59.000 INCH																							
20	4	F108	INT WALL	20				V	4	3	2.000							3	2	3	2					
			INCREMENT =							30	9.000							30	9	30	9	227				
			82.750 INCH																							
4	4	F109	INT WALL	20						51	6.000							51	6	51	6	138				
4	4	F110	INT WALL	20						56	3.000							56	3	56	3	150				
40	4	F111	BOTT SLAB	20						30	0.000							30	0	30	0	802				
22	4	F112	BOTT SLAB	20				V	2	3	5.000							3	5	3	5					



REINFORCING STEEL (GRADE 60) $F_Y = 60,000$ PSI.

[illegible]

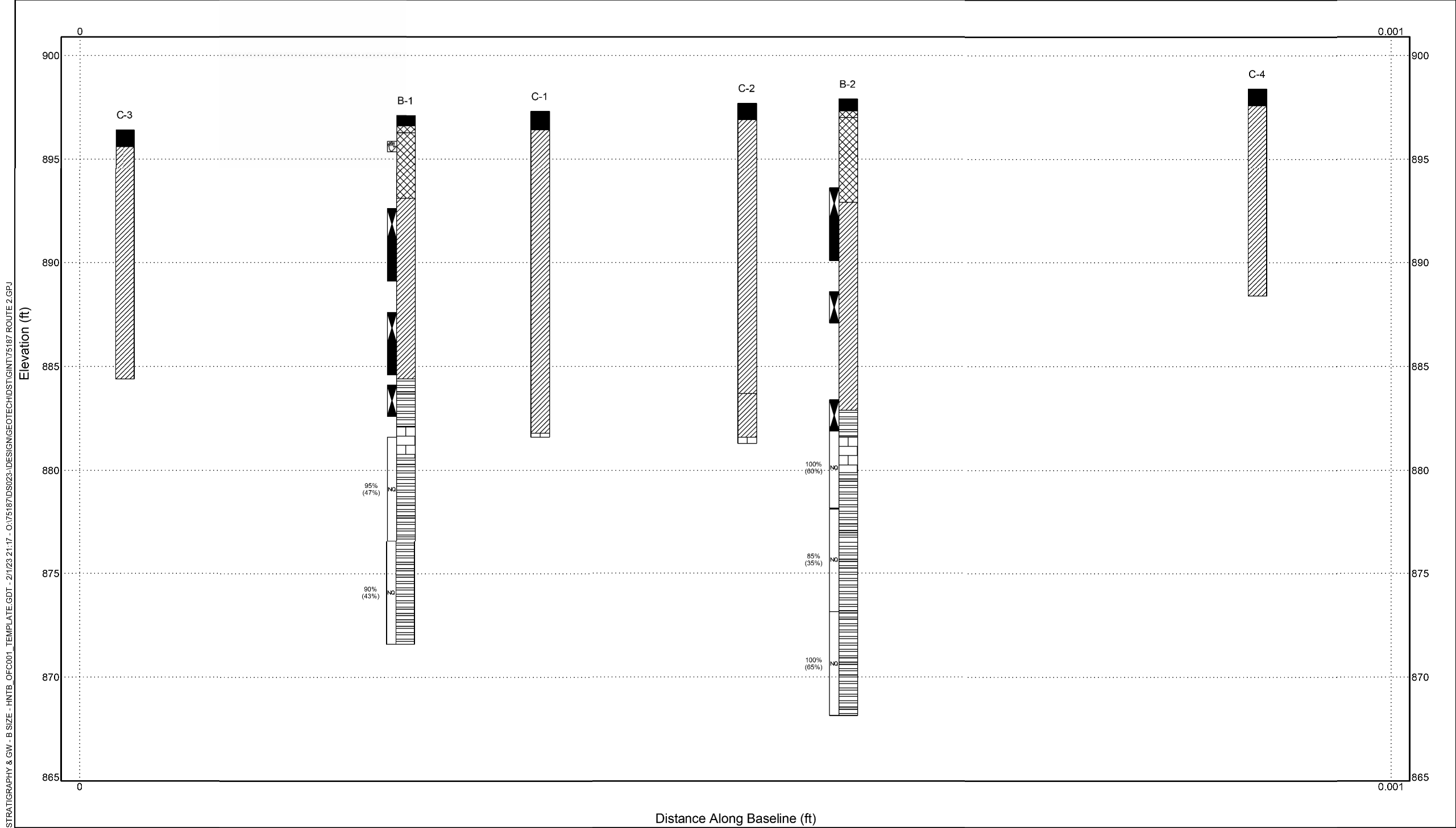
Sheet No. 4 of 5



GENERALIZED SUBSURFACE STRATIGRAPHY
FIGURE 3

PROJECT Route 2 over Mineral Creek
BRIDGE NO. _____

COUNTY _____ DISTRICT Leeton, MO
MODOT BRIDGE NO. _____



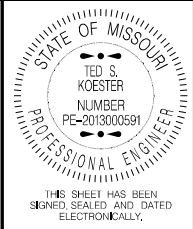
BORING DATA

Note: For locations of borings, see Sheet No. 1.

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

Sheet No. 5 of 5

Detailed Apr. 2023
Checked July 2023



DATE PREPARED
9/29/2023

ROUTE 2	STATE MO
DISTRICT BR	SHEET NO. 5

COUNTY
JOHNSON

JOB NO.
J3S3156

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A9191

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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