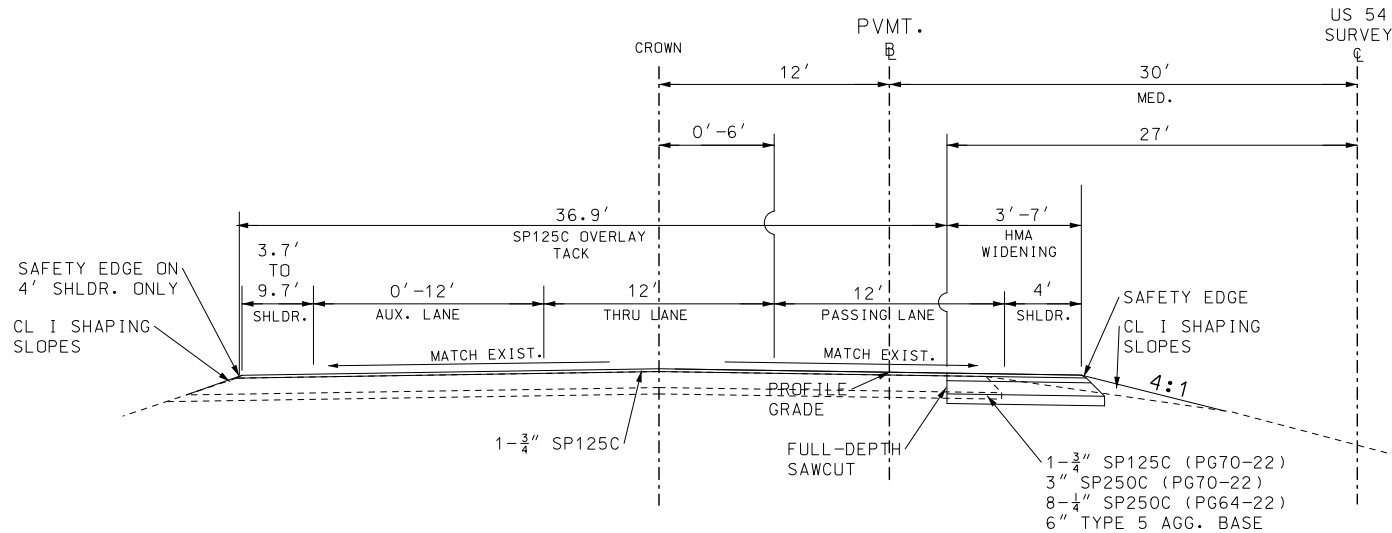




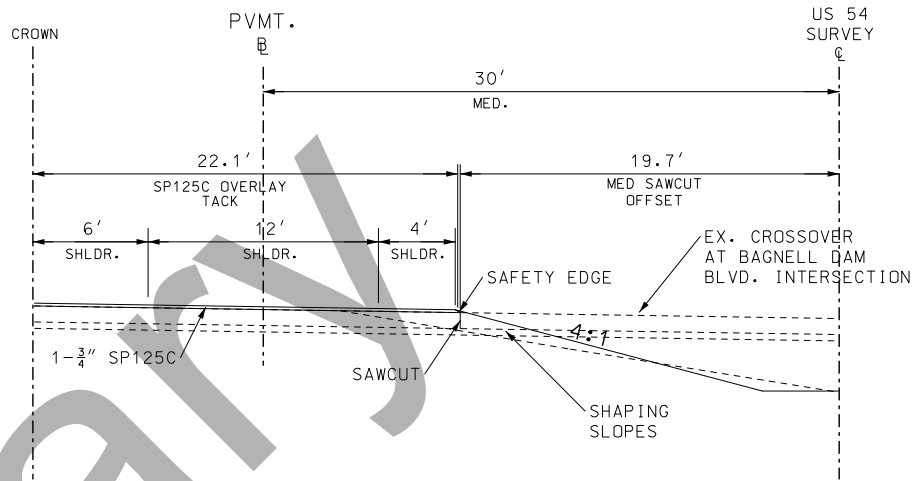
HALF-SECTION ON TANGENT

OVERLAY & MEDIAN WIDENING
US 54 EASTBOUND:

STA. 596+20.00 TO STA. 608+29.70
(SEE MEDIAN SAWCUT DETAIL)
STA. 626+62.73 TO STA. 632+00.00

US 54 WESTBOUND: MIRROR IMAGE

STA. 597+75.00 TO STA. 604+39.57
(SEE MEDIAN SAWCUT DETAIL)
STA. 630+16.79 TO STA. 638+70.00



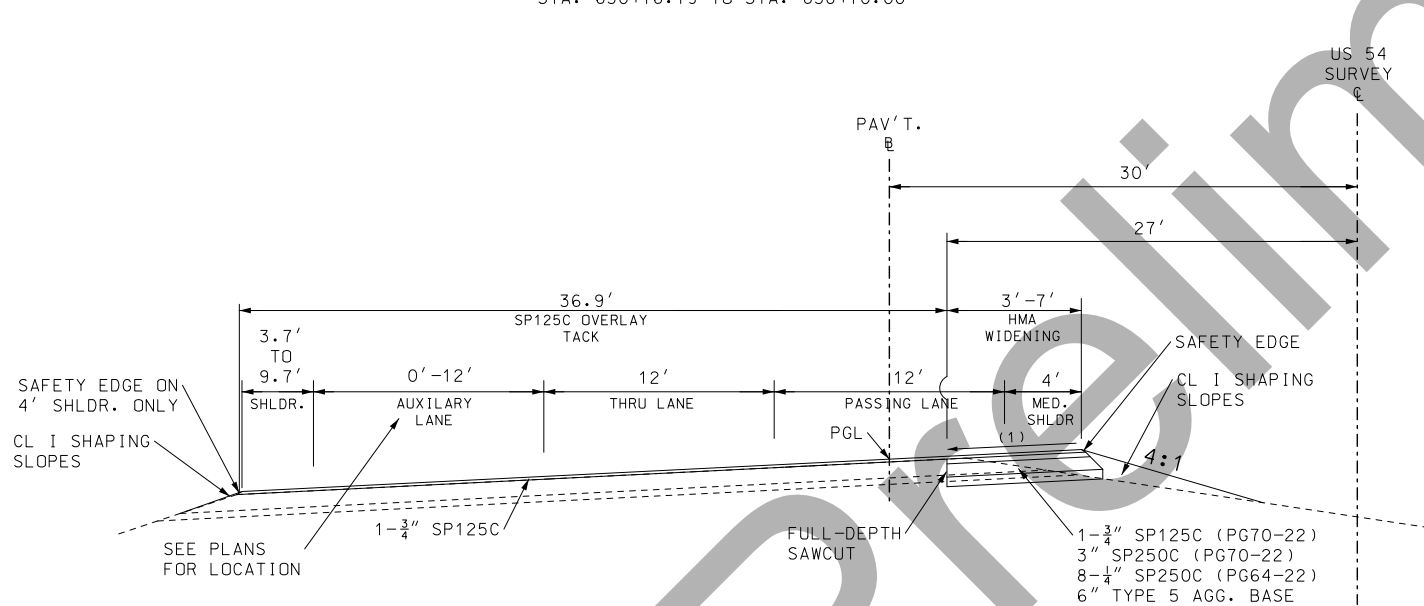
DETAIL

MEDIAN SAWCUT - MEDIAN WIDENING
US 54 EASTBOUND:

STA. 606+80.00 TO STA. 613+05.00

US 54 WESTBOUND: MIRROR IMAGE

STA. 602+80.00 TO STA. 608+55.00



HALF-SECTION ON TANGENT

OVERLAY & MEDIAN WIDENING
US 54 EASTBOUND:

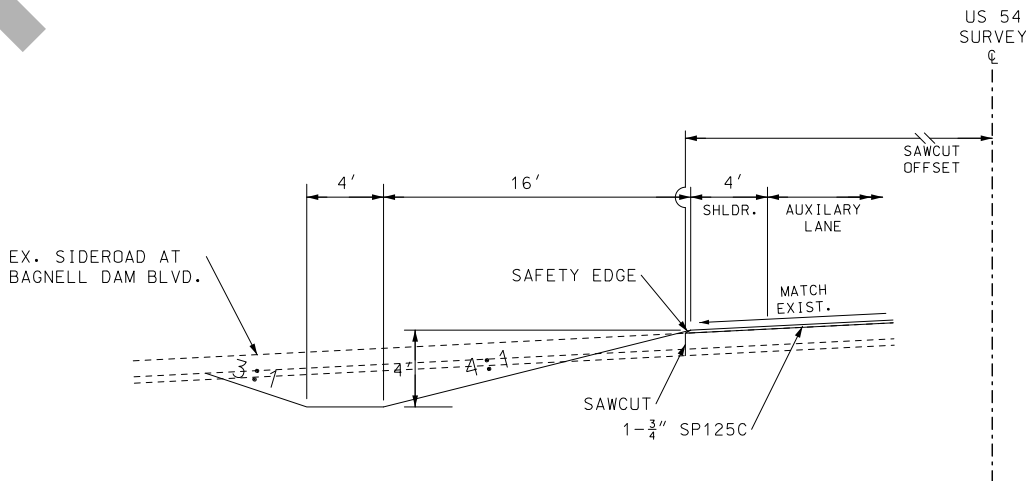
STA. 596+20.00 TO STA. 607+05.00
STA. 613+05.00 TO STA. 615+80.00
STA. 617+90.91 TO STA. 632+00.00

US 54 WESTBOUND: MIRROR IMAGE/KEEP
SAME SUPERELEVATION

STA. 597+75.00 TO STA. 604+39.70
(SEE MEDIAN SAWCUT DETAIL)
STA. 630+16.79 TO STA. 638+70.00

NOTES:

- (1) MATCH ABUTTING PAVEMENT CROSS SLOPE
(2) USE ASPHALT PAVEMENT ALTERNATE ONLY,
DO NOT USE CONCRETE ALTERNATE.



DETAIL

OUTSIDE DITCH
US 54 EASTBOUND:

STA. 607+50.00 L+. TO STA. 608+30.00 L+.

US 54 WESTBOUND: MIRROR IMAGE/KEEP
SAME SUPERELEVATION

STA. 607+50.00 R+. TO STA. 608+30.00 R+.

US 54

TYPICAL SECTION SHEET
SHEET 1 OF 16

"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

DATE PREPARED
1/10/2019

ROUTE 54 STATE MO
DISTRICT CD SHEET NO. 2

COUNTY MILLER
JOB NO. J5P3181
CONTRACT TO.

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.

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
1/10/2019

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	2

COUNTY
MILLER
JOB NO.
J5P3181
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

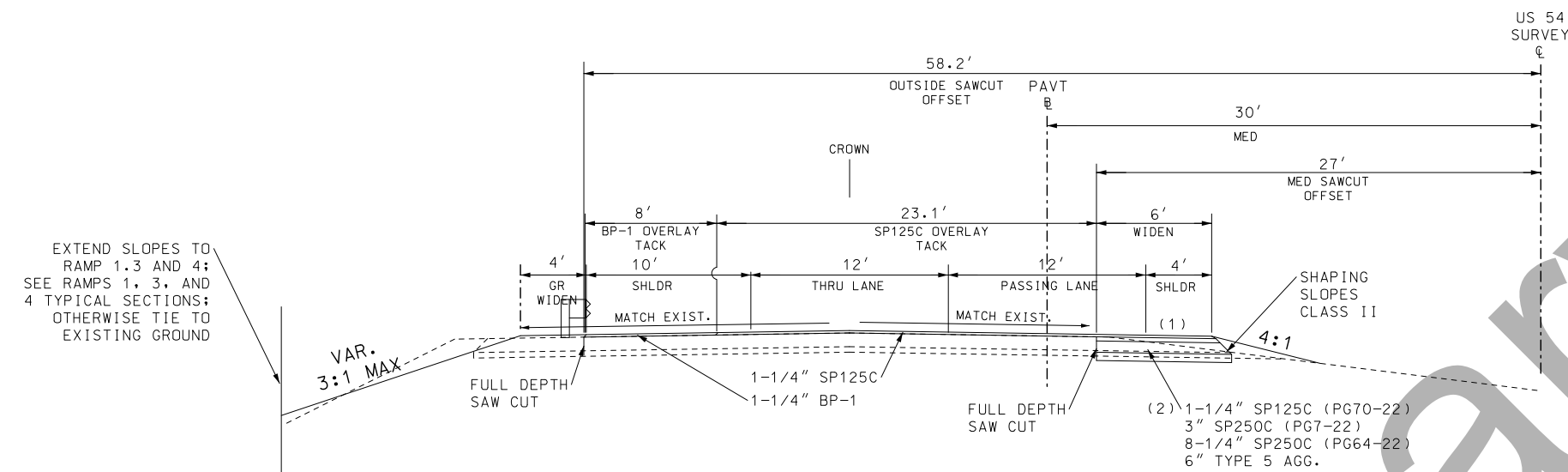
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

REV.



- NOTES:
- (1) MATCH ABUTTING PAVEMENT CROSS SLOPE
 - (2) USE ASPHALT PAVEMENT ALTERNATE ONLY, DO NOT USE CONCRETE ALTERNATE.

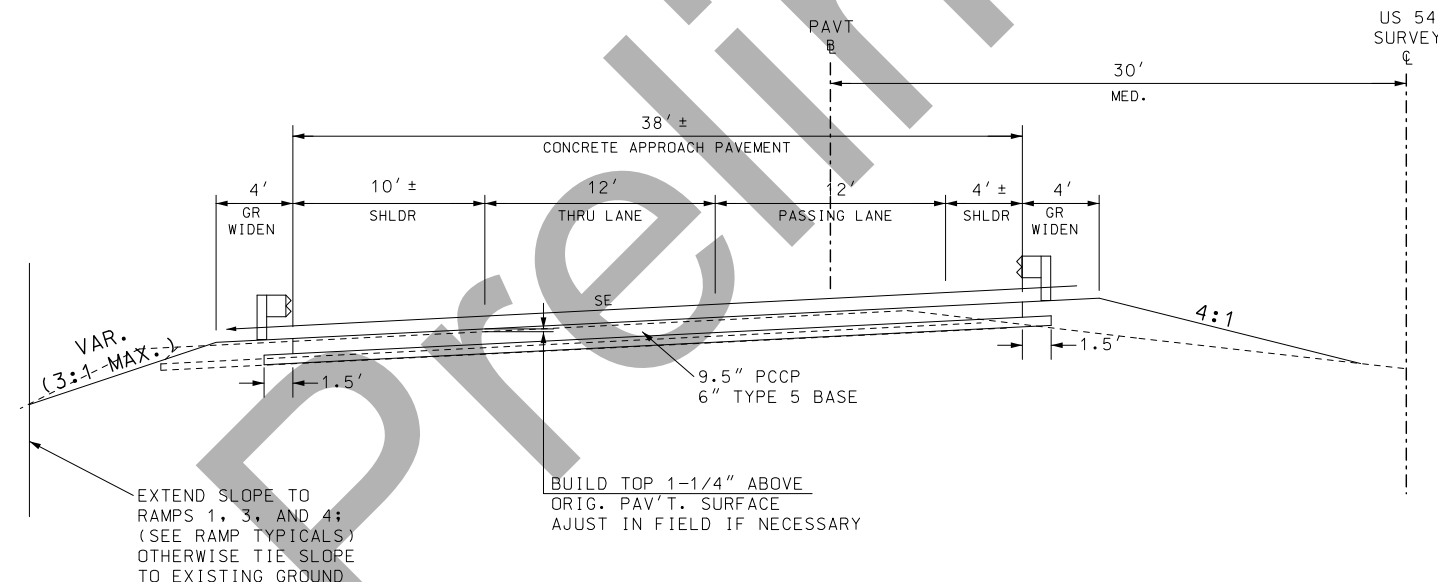
HALF-SECTION ON TANGENT

OVERLAY & MEDIAN WIDENING, OUTSIDE SHOULDER SAWCUT
US 54 EASTBOUND:

STA. 610+66.97 TO STA. 616+17.31
(SEE MEDIAN SAWCUT DETAIL)
STA. 617+90.91 TO STA. 622+83.22

US 54 WESTBOUND: MIRROR IMAGE

STA. 606+37.16 TO STA. 616+19.66
(SEE MEDIAN SAWCUT DETAIL)
STA. 617+88.56 TO STA. 624+11.28



HALF-SECTION ON TANGENT

CONCRETE APPROACH PAVEMENT
US 54 EASTBOUND:

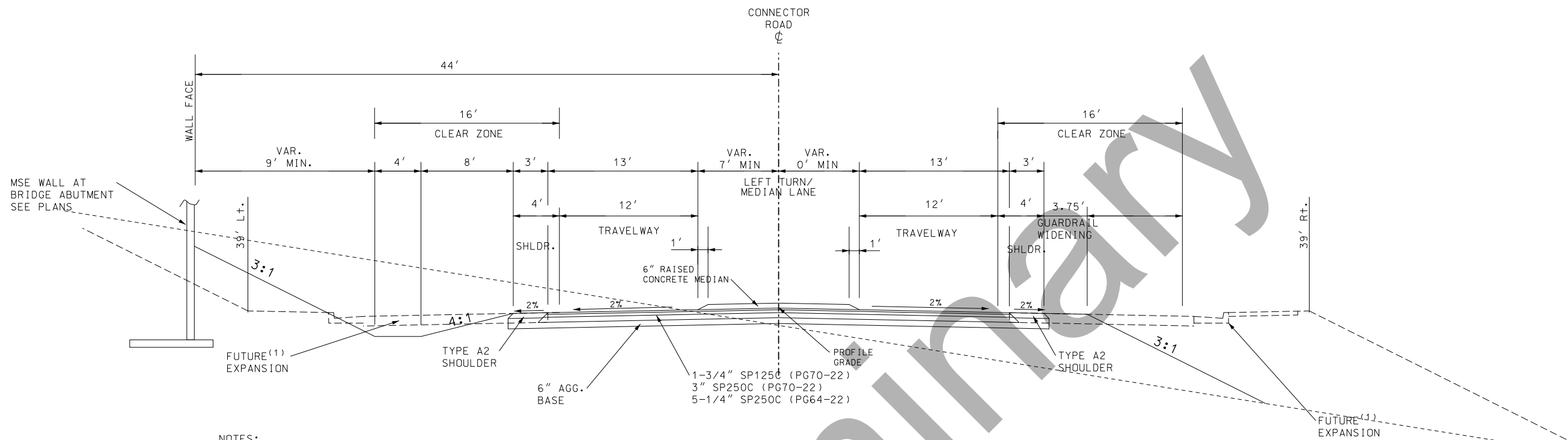
STA. 616+17.31 TO STA. 616+32.31
STA. 617+75.91 TO STA. 617+90.91

US 54 WESTBOUND: MIRROR IMAGE/SAME SUPERELEVATION

STA. 616+19.66 TO STA. 616+34.66
STA. 617+73.56 TO STA. 617+88.56

US 54

TYPICAL SECTION SHEET
SHEET 2 OF 16



NOTES:
(1) FUTURE EXPANSION ALLOWS FOR 4 - 11' LANES, 12' CENTER TURN LANE, CURB & GUTTER, AND 6' SIDEWALKS ON BOTH SIDES.

SECTION ON TANGENT
NEW PAVEMENT
CONNECTOR ROAD
STA 2+19.07 TO STA 9+61.70

NOTES:
(1) ALTERNATE PAVEMENT TYPE - 8.5" PCCP W/
1-1/4" DOWELS
15' JOINTS
6" TYPE 5 AGG. BASE

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
1/10/2019

ROUTE 54 STATE MO
DISTRICT CD SHEET NO. 2

COUNTY MILLER
JOB NO. J5P3181
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

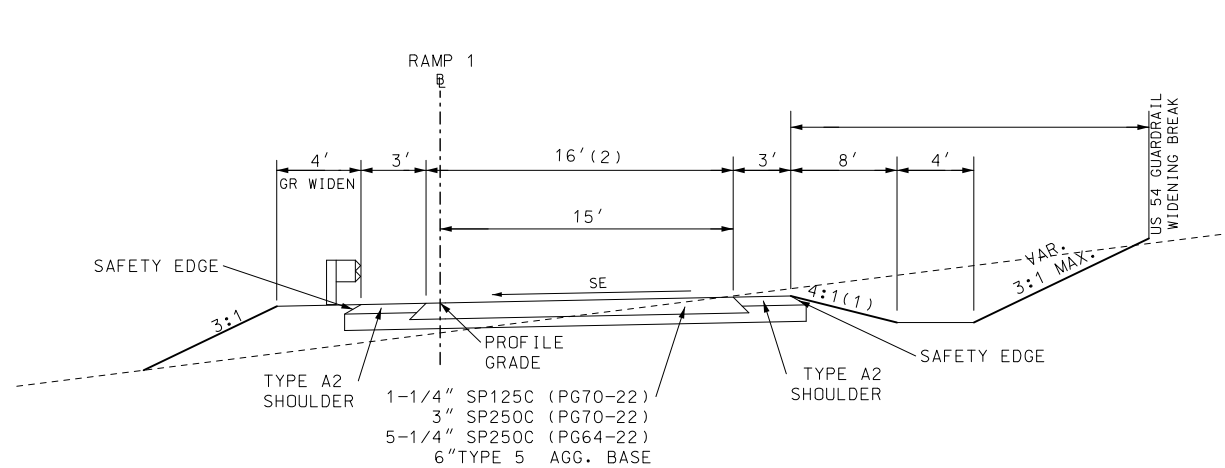
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



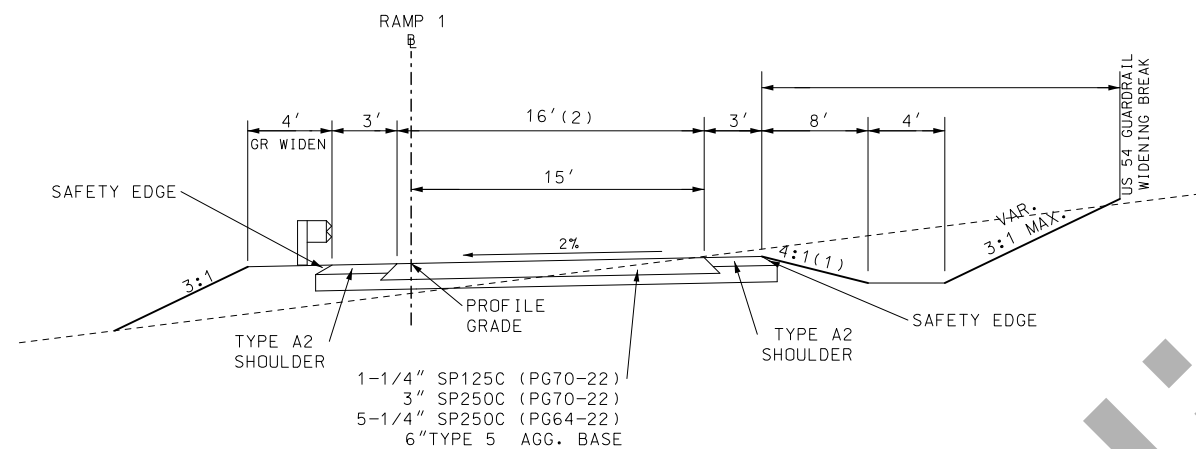
CONNECTOR ROAD

TYPICAL SECTION SHEET
SHEET 3 OF 16

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



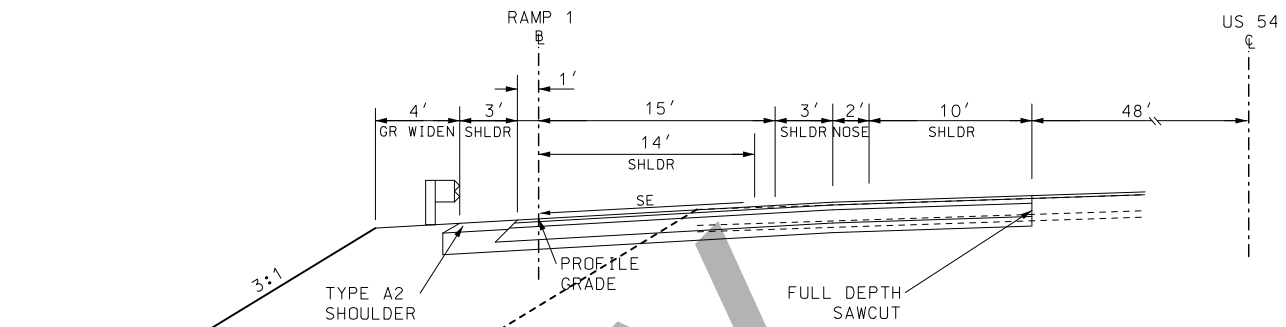
SECTION ON CURVE
RAMP 1 NEW PAVEMENT
STA. 2+35.95 TO STA. 8+32.13



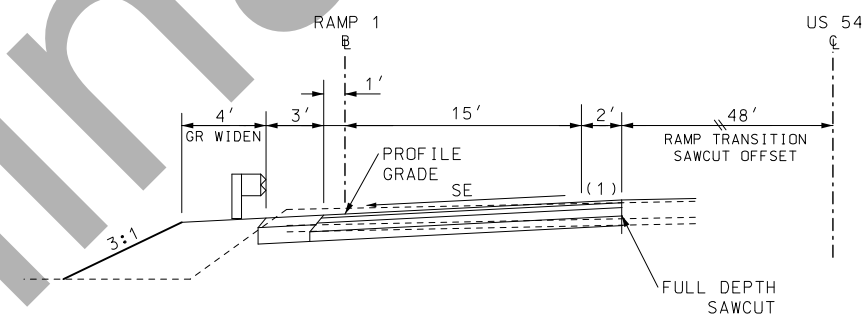
SECTION ON TANGENT
RAMP 1 NEW PAVEMENT
STA. 2+35.95 TO STA. 8+32.13

- NOTES:
- (1) TRANSITION BETWEEN RAMP EOP AND US54 EOP.
 - (2) WIDTH VARIES FROM 16' TO 75.6' BETWEEN STA 6+54.08 AND STA 8+32.13.
 - (3) PAVEMENT ALTERNATE - 8.5" PCCP W/ 1-1/4" DOWELS 15' JOINTS 6" TYPE 5 AGG. BASE

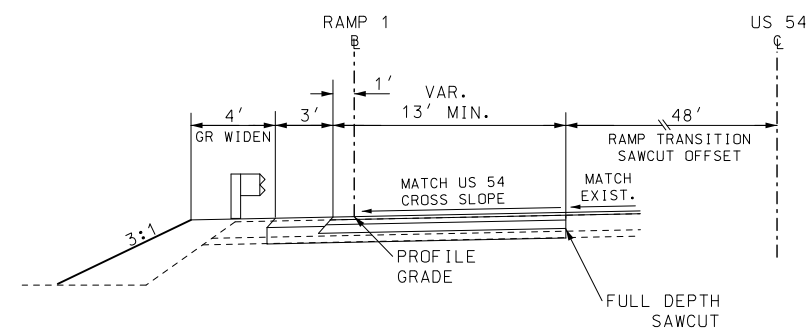
SUPERELEVATION DEVELOPMENT		
STATION	SUPERELEVATION	
	(ft+/ft)	CURVE
0+00.00	0.016	RAMP_1_1
1+33.64	0.034	RAMP_1_1
2+28.29	0.034	RAMP_1_1
3+52.29	0.058	RAMP_1_1
3+52.29	0.058	RAMP_1_2
3+95.29	0.066	RAMP_1_2
4+98.87	0.066	RAMP_1_2
5+87.87	0.041	RAMP_1_2
6+26.87	0.031	RAMP_1_2
6+65.87	0.02	RAMP_1_2



DETAIL
ON-RAMP TRANSITION AT RAMP SHOULDER NOSE
US 54 EASTBOUND STA. 610+66.97=
RAMP 1 STA. 2+35.95



DETAIL
ON-RAMP TRANSITION AT BEGIN OR END
OF FULL-WIDTH RAMP
US 54 EASTBOUND STA. 609+64.33=
RAMP 1 STA. 1+33.64



DETAIL
ON-RAMP TRANSITION AT RAMP PC OR PT
US 54 EASTBOUND STA. 608+29.70=
RAMP 1 STA. 0+00.00

RAMP 1

TYPICAL SECTION SHEET
SHEET 4 OF 16

"THIS MEDIA SHOULD
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DATE PREPARED
1/10/2019

ROUTE
54

STATE
MO

DISTRICT
CD

SHEET NO.
2

COUNTY
MILLER

JOB NO.
J5P3181

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

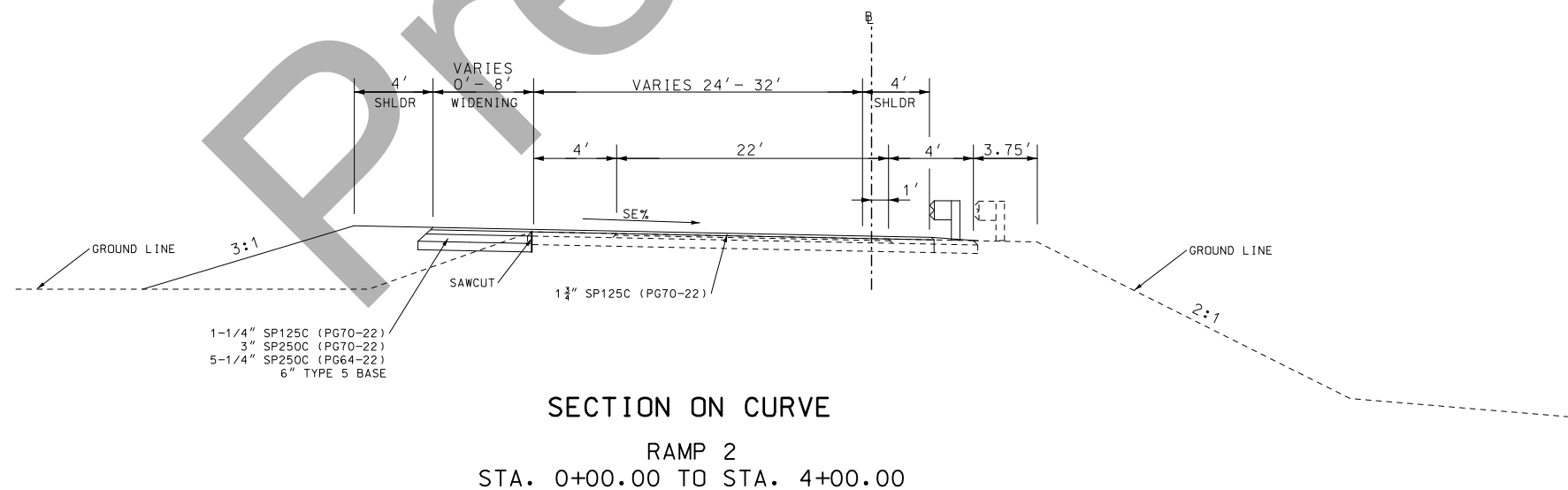
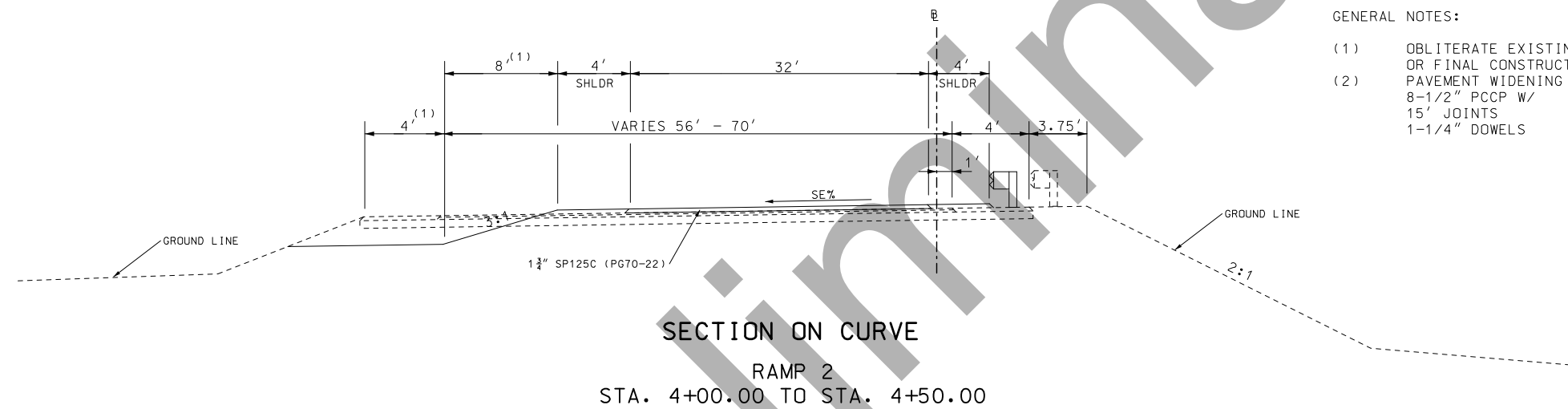
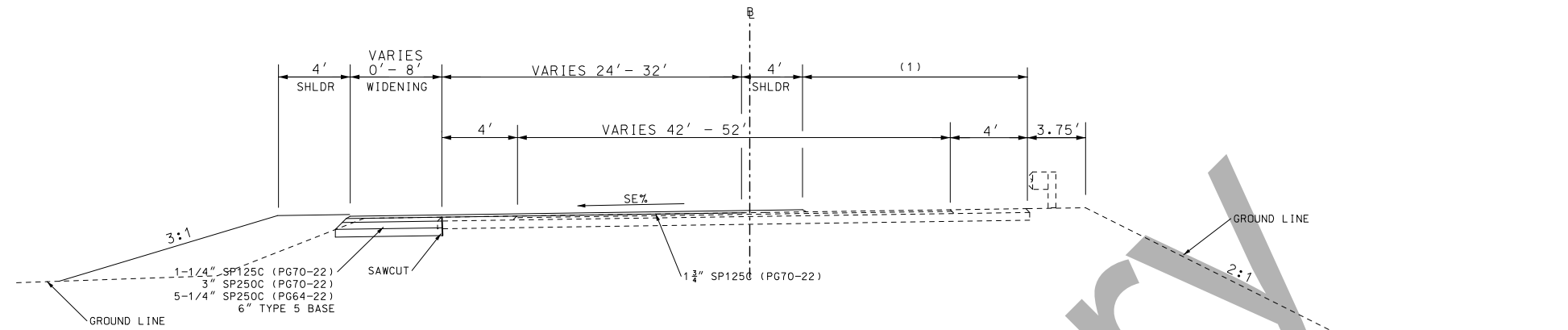
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

REV.

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



GENERAL NOTES:

- (1) OBLITERATE EXISTING PAVEMENT OUTSIDE OF OVERLAY
OR FINAL CONSTRUCTION LIMITS.
- (2) PAVEMENT WIDENING ALTERNATIVE
8-1/2" PCCP W/
15' JOINTS
1-1/4" DOWELS

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
1/10/2019

ROUTE	STATE
54	MO

DISTRICT	SHEET NO.
CD	2

COUNTY
MILLER

JOB NO.
J5P3181

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)

RAMP 2

TYPICAL SECTION SHEET
SHEET 5 OF 16

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REV.

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DATE PREPARED
1/10/2019

ROUTE
54

STATE
MO

DISTRICT
CD

SHEET NO.
2

COUNTY
MILLER

JOB NO.
J5P3181

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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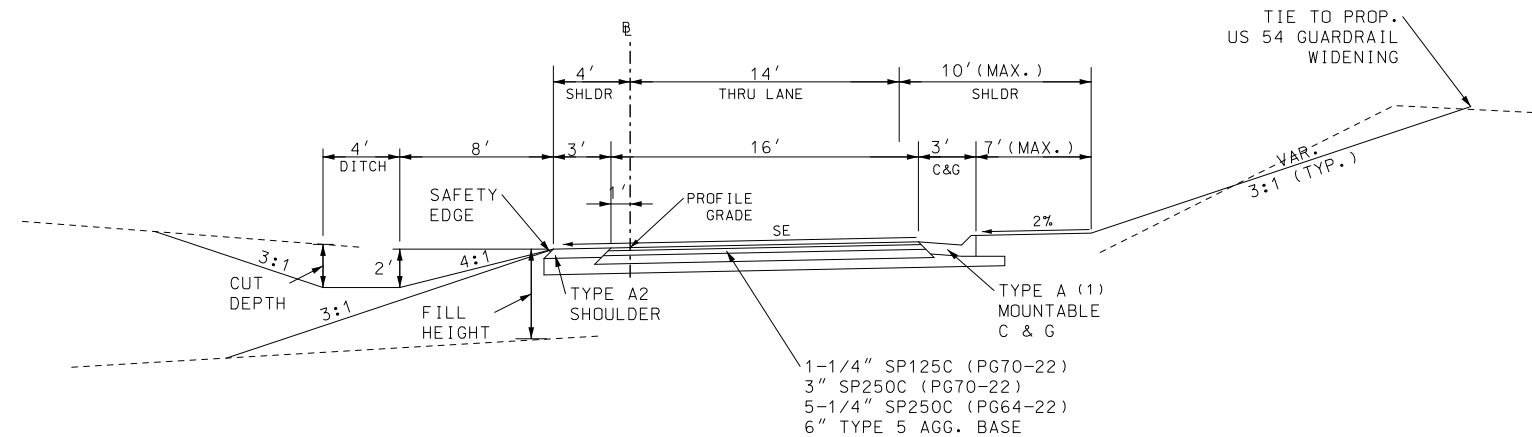
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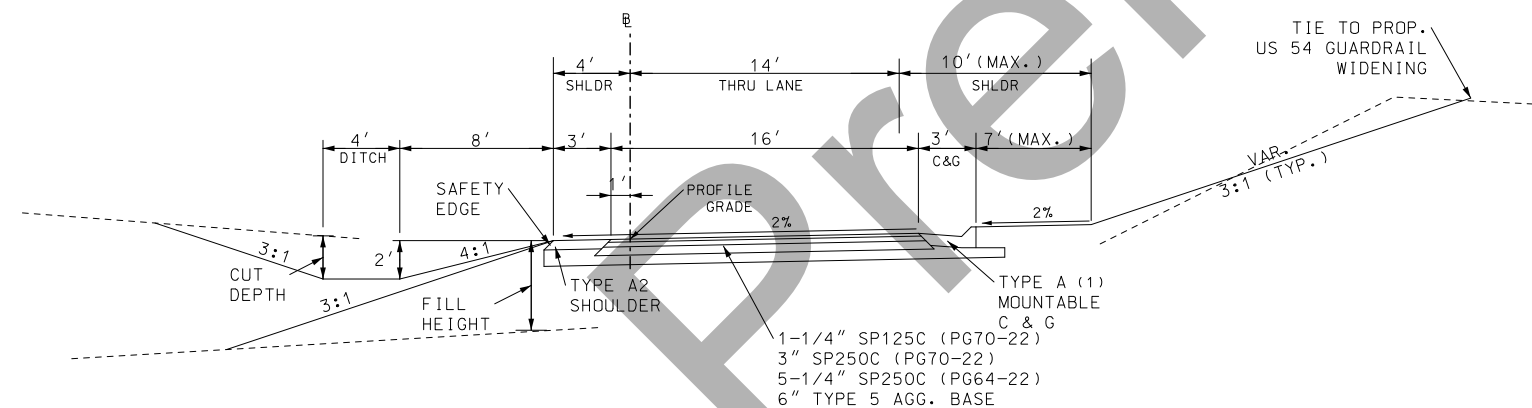
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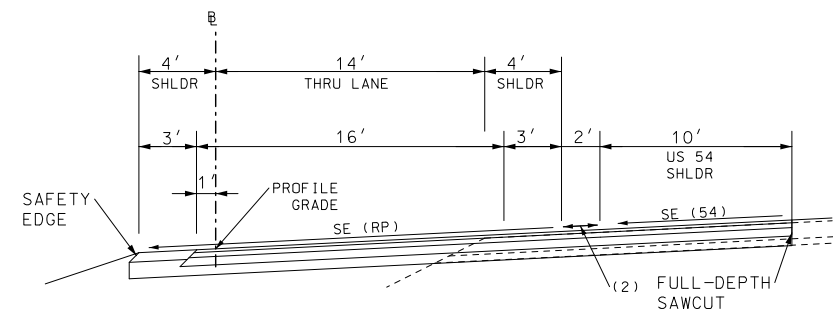
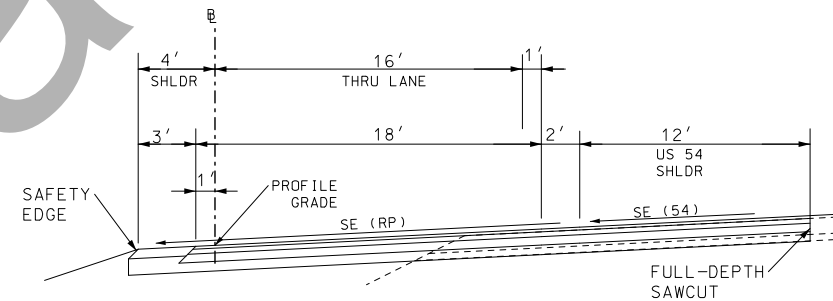
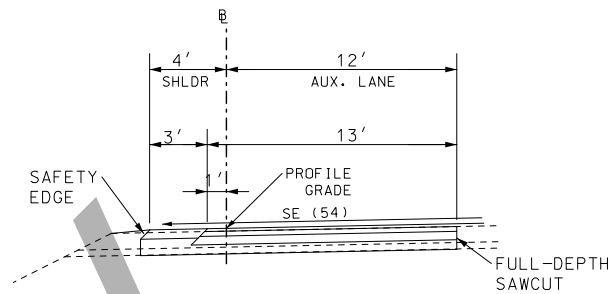
SECTION ON CURVE
NEW PAVEMENT
STA. 0+61.09 TO STA. 5+90.00

SUPERELEVATION DEVELOPMENT		
STATION	SUPERELEVATION RIGHT (ft/ft)	CURVE
0+94.97	-0.044	RAMP_3_3
1+28.97	-0.056	RAMP_3_3
4+13.88	-0.056	RAMP_3_3
6+44.33	-0.056	RAMP_3_4
9+62.38	-0.02	RAMP_3_4



SECTION ON TANGENT
NEW PAVEMENT
STA. 0+61.09 TO STA. 5+90.00

- NOTES:
- (1) CURB & GUTTER LIMITS: STA. 3+95.00 TO STA. 5+90.00
 - (2) CROSS SLOPE MAY VARY TO MATCH RAMP AND MAINLINE EDGES OF SHOULDER.
 - (3) PAVEMENT ALTERNATIVE:
8-1/2" PCCP W/
15' JOINTS
1-1/4" DOWELS



RAMP 3

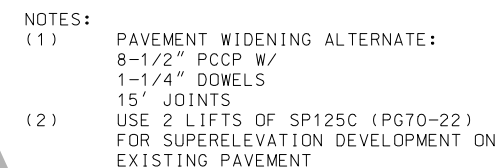
TYPICAL SECTION SHEET
SHEET 6 OF 16

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

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

1

REV.

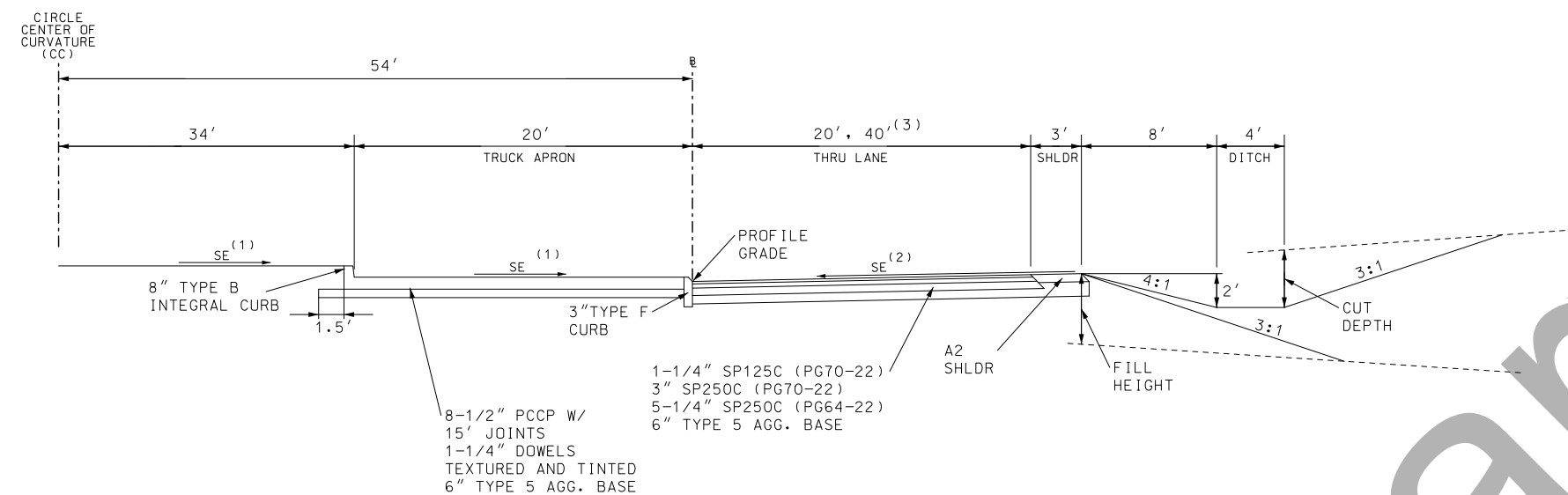


BU 54

STA 651+08.70 TO STA 651+83.70

NOTE: SUPERELEVATION TRANSITION TO AND FROM ROUNDABOUT #1 N.W. LEG AND ROUNDABOUT #2 S.E. LEG.

TYPICAL SECTION SHEET
SHEET 8 OF 16



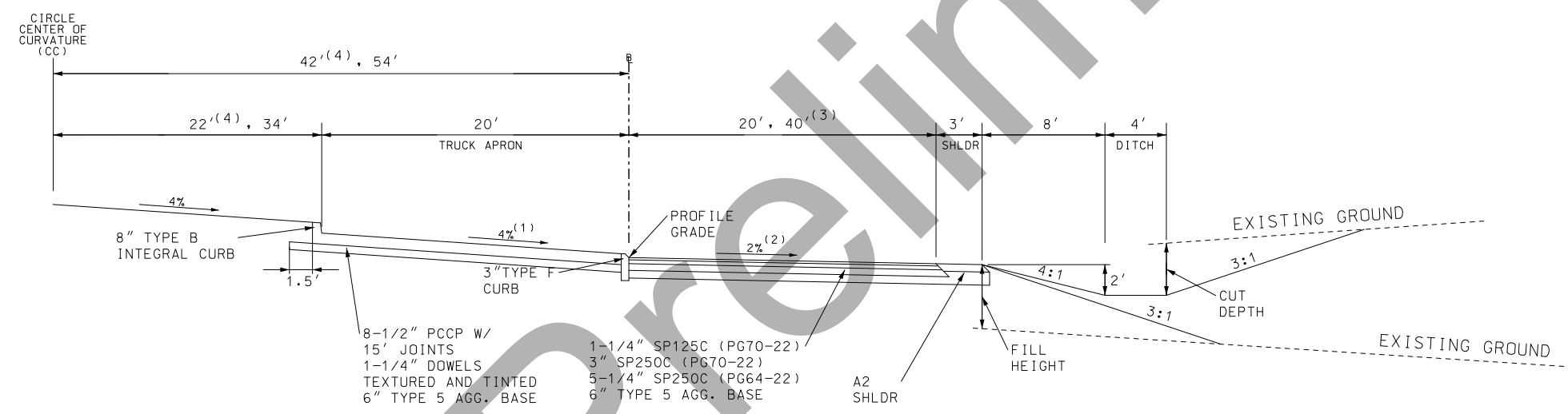
HALF SECTION ON SUPERELEVATION
ROUNDBABOUTS 1 AND 3

ROUNDBABOUT 1
STA 0+00.00 TO STA 1+53.93
(3) STA 1+53.93 TO STA 2+51.82
STA 2+51.82 TO STA 3+39.29
ROUNDBABOUT 3
STA 0+00.00 TO STA 3+39.29

ROUNDBABOUT 1 SUPERELEVATION DEVELOPMENT			
STATION	SUPERELEVATION (ft/ft)		CURVE
	TRUCK APRON	THRU LANE	
0+00.00	0.035	-0.015	RB010
0+63.62	0.02	FLAT	RB010
1+48.44	FLAT	0.02	RB010
2+33.27	0.02	FLAT	RB010
3+18.09	0.04	-0.02	RB010
3+39.29	0.035	-0.015	RB010
	(1)	(2)	

ROUNDBABOUT 3 SUPERELEVATION DEVELOPMENT			
STATION	SUPERELEVATION (ft/ft)		CURVE
	TRUCK APRON	THRU LANE	
0+00.00	FLAT	0.02	RB03_1
0+84.82	0.02	FLAT	RB03_1
1+69.65	0.04	-0.02	RB03_1
2+54.47	0.02	FLAT	RB03_1
3+39.29	FLAT	0.02	RB03_1
	(1)	(2)	

NOTES:
(5) THRU LANE PAVEMENT ALTERNATE:
8-1/2" PCCP W/
1-1/4" DOWELS
15' JOINTS



HALF SECTION ON NORMAL CROWN
ROUNDBABOUTS 1, 2, AND 3

ROUNDBABOUT 1
STA 0+00.00 TO STA 1+53.93
(3) STA 1+53.93 TO STA 2+51.82
STA 2+51.82 TO STA 3+39.29
(4) ROUNDBABOUT 2
STA 0+00.00 TO STA 2+79.46
ROUNDBABOUT 3
STA 0+00.00 TO STA 3+39.29

ROUNDBABOUTS

TYPICAL SECTION SHEET
SHEET 9 OF 16

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
1/10/2019

ROUTE 54 STATE MO

DISTRICT CD SHEET NO. 2

COUNTY MILLER

JOB NO. J5P3181

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)

REV.

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



NOTES:

- (1) WIDTH WITHOUT MEDIAN.
- (2) WIDTH WITH MEDIAN
- (3) PAVEMENT WIDENING ALTERNATE:
 - 8-1/2" PCCP W/
 - 1-1/4" DOWELS
 - 15' JOINTS



ROUNDAABOUT LEGS

TYPICAL SECTION SHEET
SHEET 10 OF 16

"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

DATE PREPARED 1/10/2019	
ROUTE 54	STATE MO
DISTRICT CD	SHEET NO 2

COUNTY
MILLER
JOB NO.
J5P3181
CONTRACT ID.

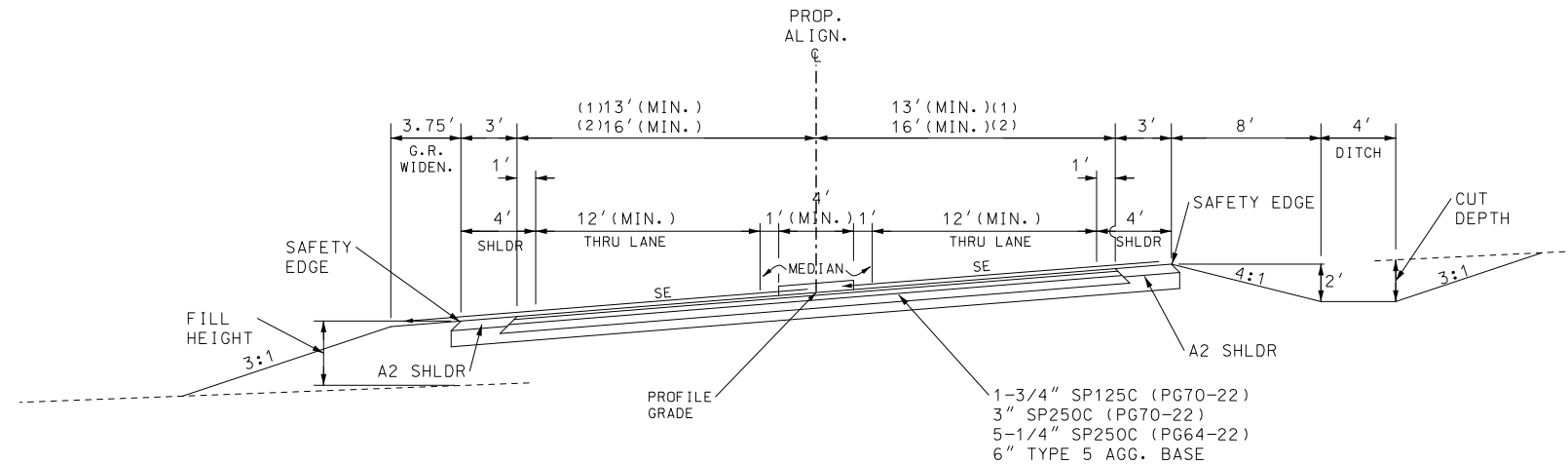
PROJECT NO.
BRIDGE NO.

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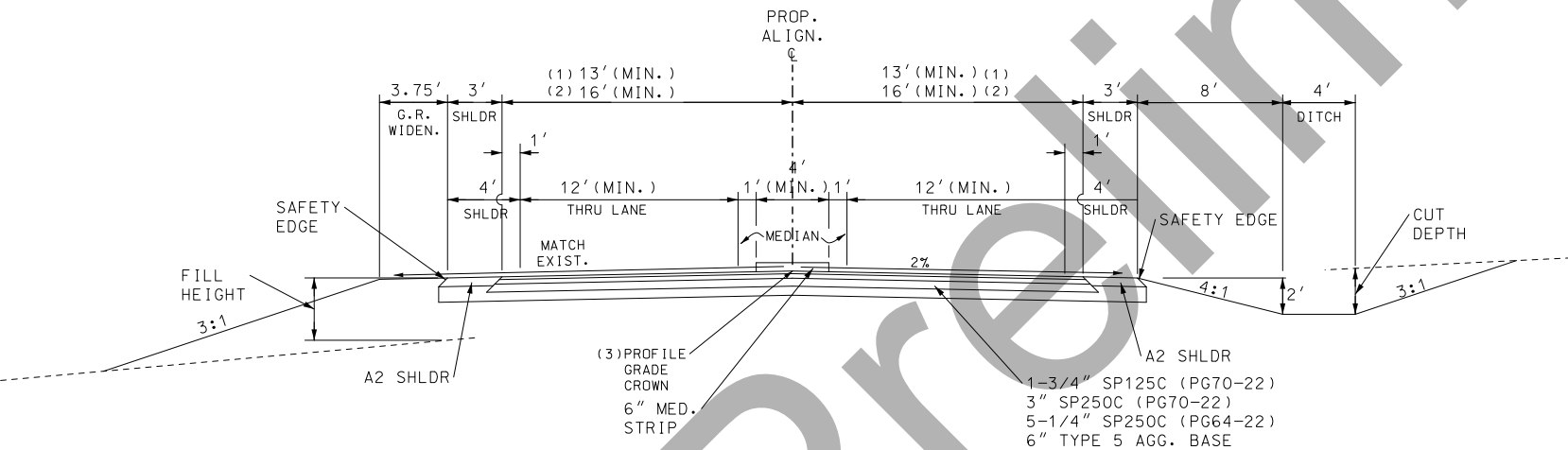
105 WEST CAPITOL
JEFFERSON CITY, MD 65102

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



SECTION ON CURVE
NEW PAVEMENT

ROUNDABOUT #1
N.W. LEG: STA. 1+48.90 TO STA. 3+04.30
S.E. LEG: STA. 0+57.10 TO STA. 2+37.00



SECTION ON TANGENT
NEW PAVEMENT

ROUNDABOUT #1
N.E. LEG: STA. 0+40.70 TO STA. 2+22.50
N.W. LEG: STA. 1+48.90 TO STA. 3+04.30
S.E. LEG: STA. 0+57.10 TO STA. 2+37.00

ROUNDABOUT #2
N.E. LEG: STA. 0+00.00 TO STA. 2+21.50
N.W. LEG: STA. 1+23.60 TO STA. 2+63.50
S.E. LEG: STA. 0+32.50 TO STA. 1+96.20

ROUNDABOUT #3
N.E. LEG: STA. 0+39.60 TO STA. 2+21.00

ROUNDABOUT #1: N.W. LEG

SUPERELEVATION DEVELOPMENT			
STATION	SUPERELEVATION (ft/ft)		CURVE
	LEFT	RIGHT	
0+00.00	0.026	-0.026	NWRB01_1
0+26.00	0.04	-0.04	NWRB01_1
1+05.47	0.04	-0.04	NWRB01_1
1+31.47	0.026	-0.026	NWRB01_1
1+82.47	-0.026	FLAT	TANGENT

ROUNDABOUT #1: S.E. LEG

SUPERELEVATION DEVELOPMENT			
STATION	SUPERELEVATION (ft/ft)		CURVE
	LEFT	RIGHT	
1+02.04	0	-0.02	TANGENT
1+92.04	0.053	-0.053	SERB01_3
2+37.04	0.08	-0.08	SERB01_3
3+63.16	0.08	-0.08	SERB01_3
4+08.16	0.08	-0.08	SERB01_3

- NOTES:
- (1) WIDTH WITHOUT MEDIAN.
 - (2) WIDTH WITH MEDIAN
 - (3) SEE SPECIAL SHEETS FOR LOCATION OF CROWN WHEN MEDIAN STRIP IS NOT LOCATED ALONG AN ALIGNMENT BASELINE.
PAVEMENT ALTERNATE:
8-1/2" PCCP W/
1-1/4" DOWELS
15' JOINTS
 - (4)

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DATE PREPARED
1/10/2019

ROUTE 54 STATE MO
DISTRICT CD SHEET NO. 2

COUNTY MILLER

JOB NO. J5P3181

CONTRACT ID.

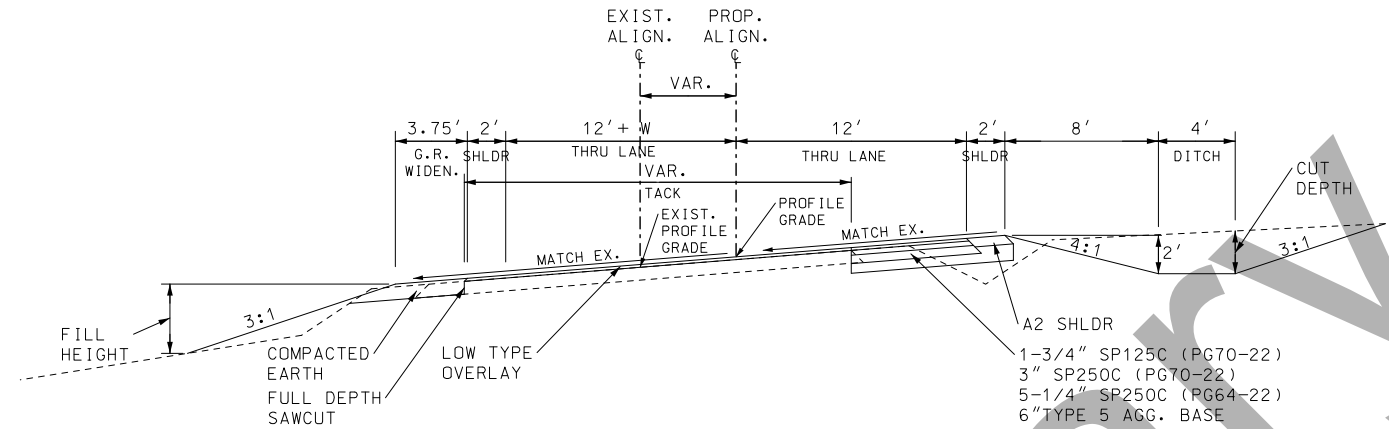
PROJECT NO.

BRIDGE NO.

ROUNDABOUT LEGS

TYPICAL SECTION SHEET
SHEET 11 OF 16

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

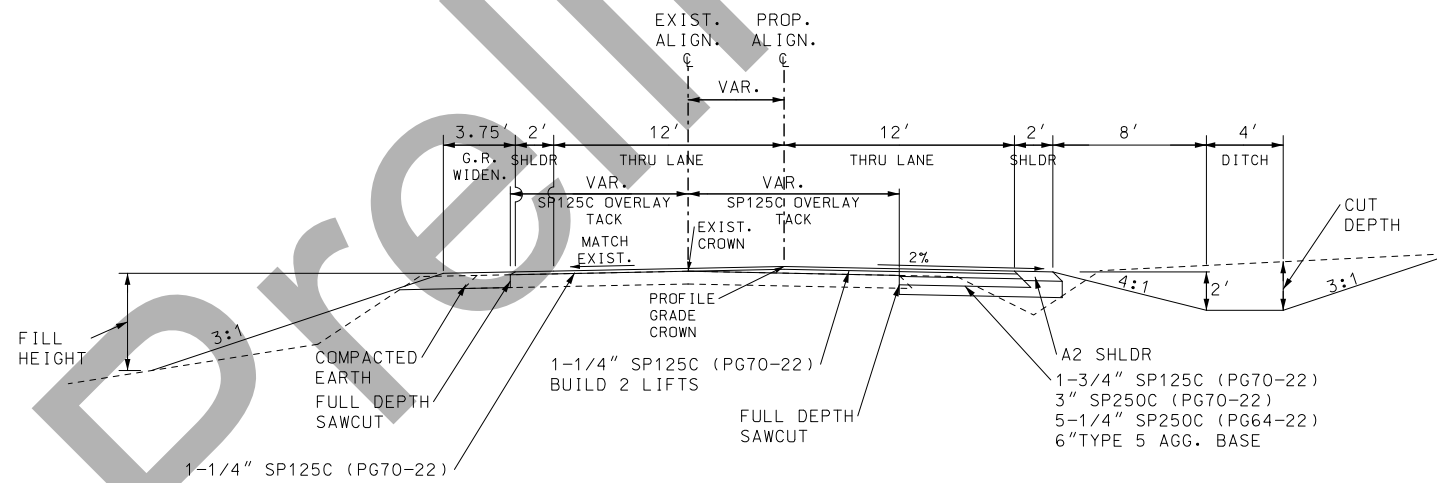


SECTION ON CURVE
EXISTING PAVEMENT WIDENING AND CROWN ADJUSTMENT

WILMORE LANE
STA. 6+44.73 TO STA. 7+20.00

OSAGE HILLS ROAD
STA. 9+70.00 TO STA. 10.33.00
STA. 14+56.42 TO STA. 15+40.42

NOTES:
(1) PAVEMENT WIDENING ALTERNATE:
8-1/2" PCCP W/
1-1/4" DOWELS
15' JOINTS



SECTION ON TANGENT
EXISTING PAVEMENT WIDENING AND CROWN ADJUSTMENT

WILMORE LANE
STA. 6+44.73 TO STA. 7+20.00

OSAGE HILLS ROAD
STA. 9+70.00 TO STA. 10.33.00
STA. 14+56.42 TO STA. 15+40.42

CITY STREETS

TYPICAL SECTION SHEET
SHEET 13 OF 16

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
1/10/2019

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 2

COUNTY
MILLER

JOB NO.
J5P3181

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)

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DATE PREPARED
1/10/2019

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 2

COUNTY
MILLER
JOB NO.
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BRIDGE NO.

DESCRIPTION	DATE

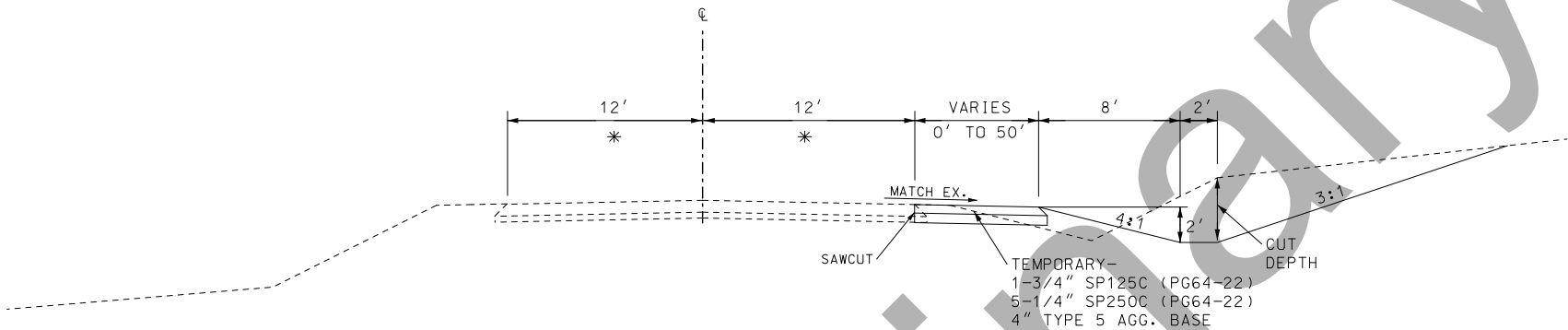
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

* PAVEMENT SHIFTS FROM CENTERLINE OF OLD 54.
SEE PLAN SHEETS AND TRAFFIC CONTROL SHEETS FOR DETAILS.

SECTION ON TANGENT
ROUTE W / BU 54 (OLD 54) - TEMPORARY PAVEMENT
STA 647+65.00 TO STA 651+00.00

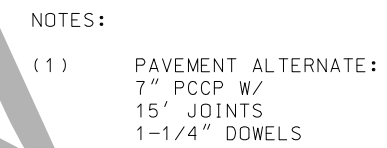


- NOTES:
- (1) SEE TRAFFIC CONTROL SHEET FOR DETAILS.
 - (2) PAVEMENT ALTERNATE:
7" PCCP W/
15' JOINTS
1-1/4" DOWELS

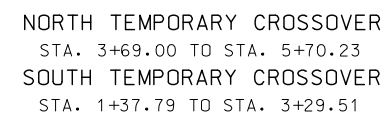
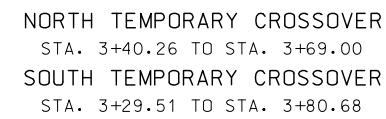
TEMPORARY
PAVEMENT
ROUTE W
BU 54
INTERSECTION

TYPICAL SECTION SHEET
SHEET 14 OF 16

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



NORTH TEMPORARY CROSSOVER
STA. 0+90.78 TO STA. 3+40.26
SOUTH TEMPORARY CROSSOVER
STA. 3+80.68 TO STA. 6+36.20



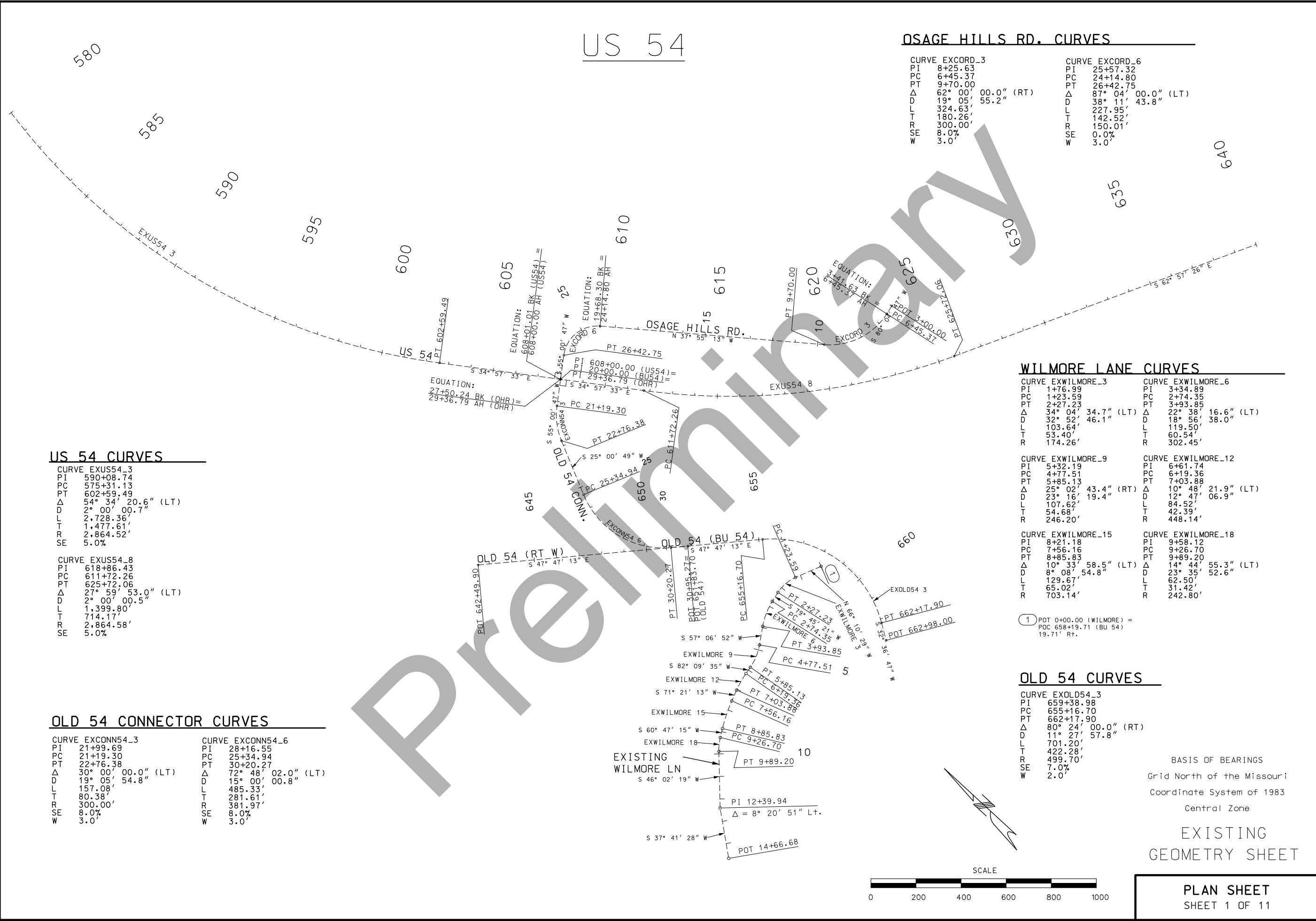
TYPICAL SECTION SHEET
SHEET 16 OF 16



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

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

REV.



RAMP 1 CURVES

CURVE RAMP_1_1	CURVE RAMP_1_2
PI 1+76.71	PI 4+47.83
PC 0+00.00	PCC 3+52.29
PCC 3+52.29	PT 5+41.87
Δ 11° 12' 49.9" (LT)	Δ 17° 31' 10.9" (LT)
D 3° 10' 59.2"	D 9° 14' 28.5"
L 352.29'	L 189.58'
T 176.71'	T 95.54'
R 1,800.00'	R 620.00'
SE 3.4%	SE 6.6%

RAMP 3 CURVES

CURVE RAMP_3_3	CURVE RAMP_3_4
PI 2+76.35	PI 7+07.20
PC 0+94.97	PCC 4+47.88
PCC 4+47.88	PT 9+62.98
Δ 32° 36' 50.0" (LT)	Δ 16° 23' 45.4" (LT)
D 9° 14' 28.5"	D 3° 10' 59.2"
L 352.92'	L 515.09'
T 181.38'	T 259.32'
R 620.00'	R 1,800.00'
SE 6.6%	SE 3.4%

ROUNDABOUT 3

CURVE RB03A	CC ROUNDABOUT 3 =
PI 0+00.00	PI 10+00.00 (CONN.) =
PC 0+00.00	PI 0+00.00 (NE LEG) =
PT 3+39.29	PI 8+76.06 (RAMP 1) =
Δ 360° 00' 00.0" (LT)	PI 0+00.00 (RAMP 3) =
D 106° 06' 11.9"	
L 339.29'	
T 0.00'	
R 54.00'	
SE RC	

1 CC ROUNDABOUT 3 =
PI 10+00.00 (CONN.) =
PI 0+00.00 (NE LEG) =
PI 8+76.06 (RAMP 1) =
PI 0+00.00 (RAMP 3) =

3 PC/PT ROUNDABOUT 3:
STA 0+37.78 NE LEG
OFF 38.68' Rt.

OSAGE HILLS ROAD CURVES

CURVE OHR_1	CURVE OHR_4
PI 10+68.10	PI 12+90.90
PC 9+70.00	PC 11+78.73
PT 11+27.80	PT 13+50.59
Δ 86° 06' 23.3" (RT)	Δ 93° 46' 56.5" (LT)
D 54° 34' 02.7"	D 54° 34' 02.7"
L 157.80'	L 171.87'
T 98.10'	T 112.17'
R 105.00'	R 105.00'
SE 8.0%	SE 8.0%

2 PC 9+70.00 (OHR) =
PT 9+70.00 (EX_OHR)

RAMP 2 CURVES

CURVE RAMP2_1
PI 2+75.30
PC 0+00.00
PT 4+97.05
Δ 61° 17' 53.2" (RT)
D 12° 19' 56.2"
L 497.05'
T 275.30'
R 464.60'
SE MATCH EXIST.

ROUNDABOUT 2

CURVE RB2CR2_1
PI 0+00.00
PC 0+00.00
PT 2+60.75
Δ 360° 00' 00.0" (LT)
D 138° 03' 43.6"
L 260.75'
T 0.00'
R 41.50'
SE NC

ROUNDABOUT 1

CURVE RB010
PI 0+00.00
PC 0+00.00
PT 3+39.29
Δ 360° 00' 00.0" (LT)
D 106° 06' 11.9"
L 339.29'
T 0.00'
R 54.00'
SE RC

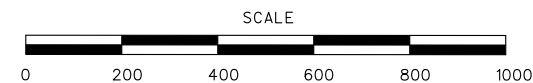
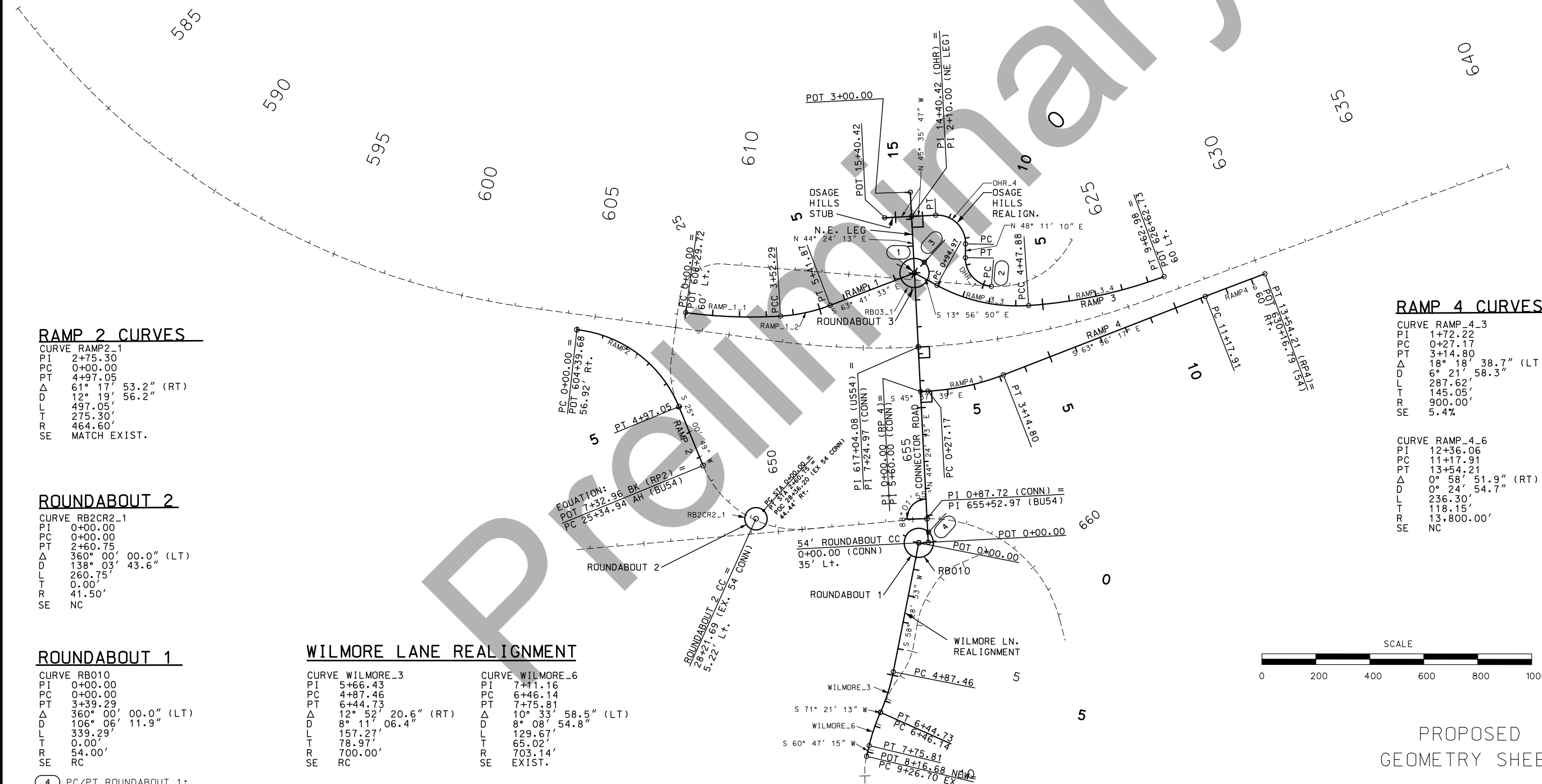
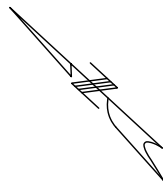
WILMORE LANE REALIGNMENT

CURVE WILMORE_3	CURVE WILMORE_6
PI 5+66.43	PI 7+11.16
PC 4+87.46	PC 6+46.14
PT 6+44.73	PT 7+75.81
Δ 12° 52' 20.6" (RT)	Δ 10° 33' 58.5" (LT)
D 8° 11' 06.4"	D 8° 08' 54.8"
L 157.27'	L 129.67'
T 78.97'	T 65.02'
R 700.00'	R 703.14'
SE RC	SE EXIST.

RAMP 4 CURVES

CURVE RAMP_4_3	CURVE RAMP_4_6
PI 1+72.22	PI 12+36.06
PC 0+27.17	PC 11+17.91
PT 3+14.80	PT 13+54.21
Δ 18° 18' 38.7" (LT)	Δ 0° 58' 51.9" (RT)
D 6° 21' 58.3"	D 0° 24' 54.7"
L 287.62'	L 236.30'
T 145.05'	T 118.15'
R 900.00'	R 13,800.00'
SE 5.4%	SE NC

US 54



PROPOSED
GEOMETRY SHEET

PLAN SHEET
SHEET 2 OF 11

"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

DATE PREPARED
1/9/2019

ROUTE 54 STATE MO
DISTRICT CD SHEET NO. 5

COUNTY MILLER

JOB NO. J5P3181

CONTRACT ID.

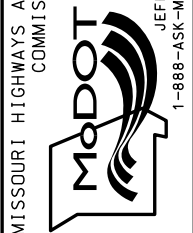
PROJECT NO.

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.

US 54

SE $\frac{1}{4}$ SE $\frac{1}{4}$ SEC 18,
T40N, R15W

$$518.5 + 2150 + 604 + 100.00 = 1.0 \text{ AC RCP (UIP)}$$

SW $\frac{1}{4}$ SW $\frac{1}{4}$ SEC 1
T40N, R15N

NW $\frac{1}{4}$ NW $\frac{1}{4}$ SEC 20,
T40N, R15N

OSAGE HILLS RD.
SURVEY $\text{\textcircled{C}}$ EXIST.

EX.
SLOPE
FSM'T.

PROP.
R/W

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED

ROUTE	STA
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DISTRICT	SHEET
----------	-------

COUNTY

JOB NO.

CONTRACT ID.

PROJECT NO. _____

BRIDGE NO.

DESCRIPTION

DATE _____

MISSOURI HIGHWAYS AND TRANSPORTATION

DOT
COMMISSION

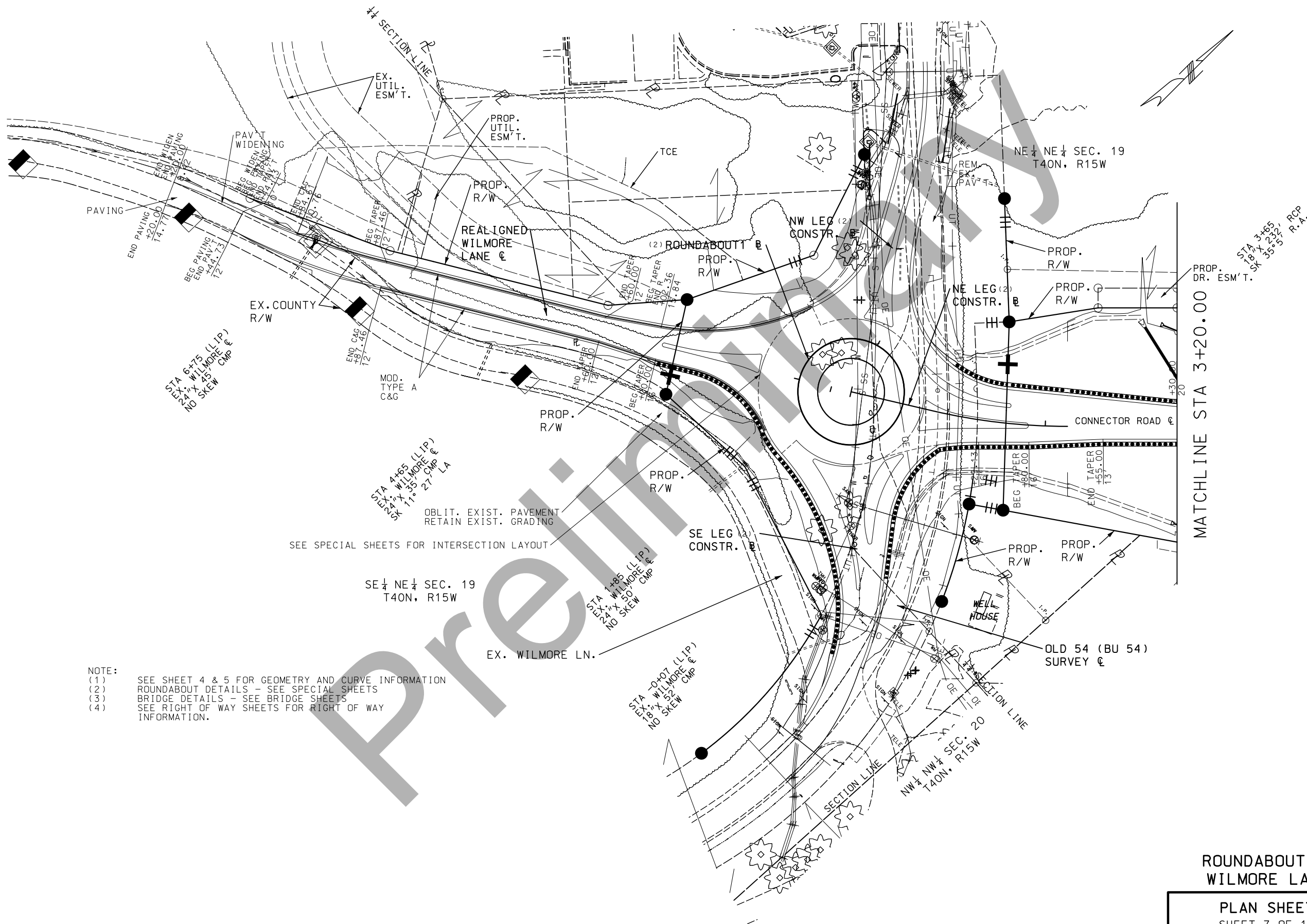
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
(1-888-ASK-MDOT) (1-888-275-6636)



PLAN SHEET
SHEET 4 OF 11

[illegible]

REV.



NOTE:
(1) SEE SHEET 4 & 5 FOR GEOMETRY AND CURVE INFORMATION
(2) ROUNDABOUT DETAILS - SEE SPECIAL SHEETS
(3) BRIDGE DETAILS - SEE BRIDGE SHEETS
(4) SEE RIGHT OF WAY SHEETS FOR RIGHT OF WAY INFORMATION.

SEE SPECIAL SHEETS FOR INTERSECTION LAYOUT

SE 1/4 NE 1/4 SEC. 19
T40N, R15W

EX. WILMORE LN.

STA 0+07 (LIP)
EX. WILMORE LN.
NO SKEW

STA 1+85 (LIP)
EX. WILMORE LN.
NO SKEW

STA 4+65 (LIP)
EX. WILMORE LN.
NO SKEW

OBLIT. EXIST. PAVEMENT
RETAIN EXIST. GRADING

STA 6+75 (LIP)
EX. WILMORE LN.
NO SKEW

ROUNDABOUT #1
WILMORE LANE

PLAN SHEET
SHEET 7 OF 11

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DOCUMENT."

DATE PREPARED
1/9/2019

ROUTE 54 STATE MO

DISTRICT CD SHEET NO. 10

COUNTY MILLER

JOB NO. J5P3181

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE
BILLBOARD (DND)	

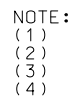
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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.



SEE SHEET 4&5 FOR ALIGNMENT INFORMATION
 ROUNDABOUT DETAILS - SEE SHEETS XX
 BRIDGE DETAILS - SEE BRIDGE SHEETS XX
 SEE RIGHT OF WAY SHEETS FOR RIGHT OF WAY
 INFORMATION.

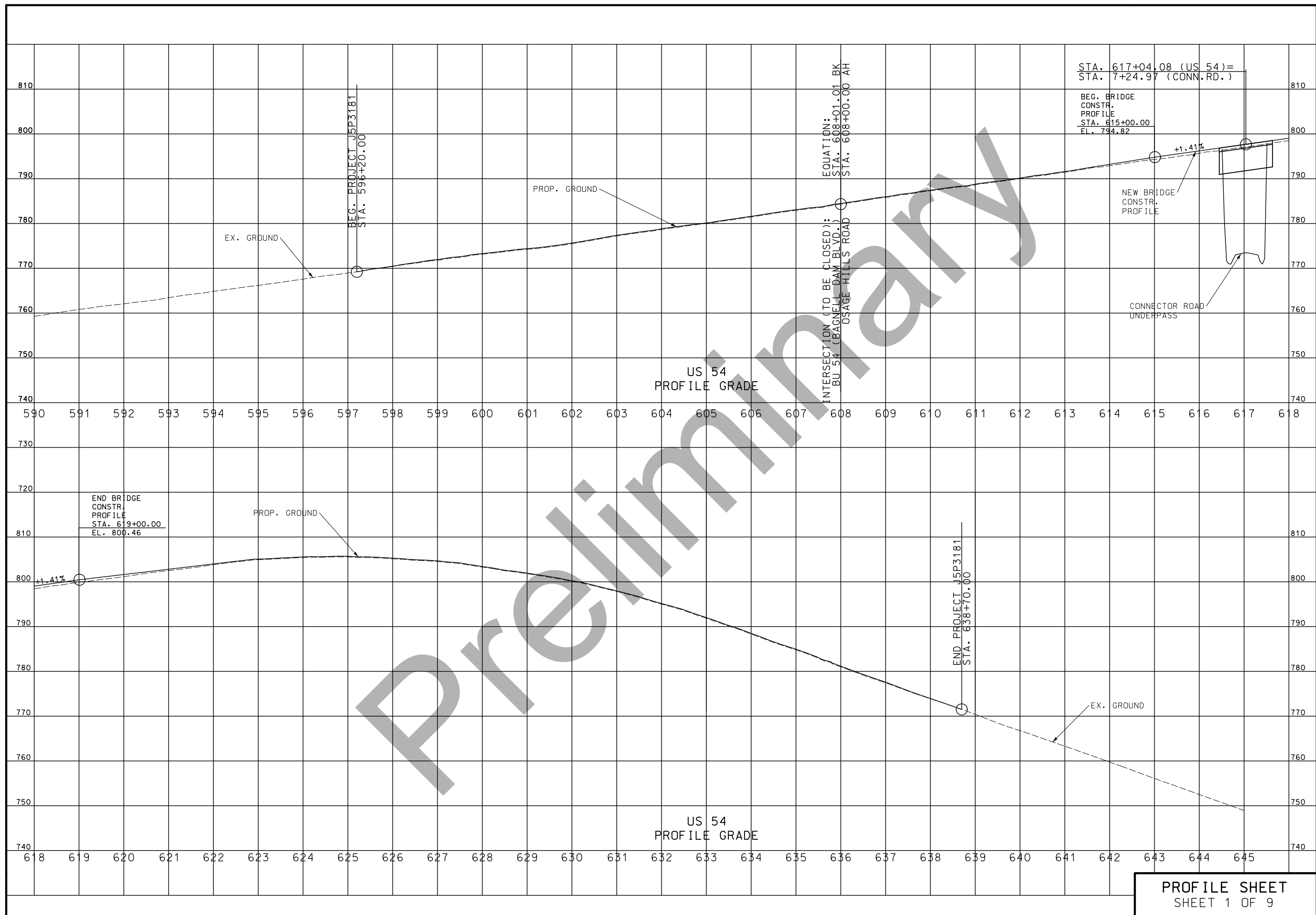
ROUNDABOUT #3
 CONNECTOR ROAD
 OSAGE HILLS ROAD

PLAN SHEET
SHEET 8 OF 11

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION					
					
105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)					
DATE	DESCRIPTION				
"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."					
DATE PREPARED 1/9/2019					
ROUTE 54			STATE MO		
DISTRICT CD			SHEET NO. 11		
COUNTY MILLER					
JOB NO. J5P3181					
CONTRACT ID.					
PROJECT NO.					
BRIDGE NO.					

[illegible]

REV.



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DATE PREPARED
1/9/2019

ROUTE	STATE
54	MO

DISTRICT	SHEET NO.
CD	15

COUNTY
MILLER

JOB NO.
J5P3181

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

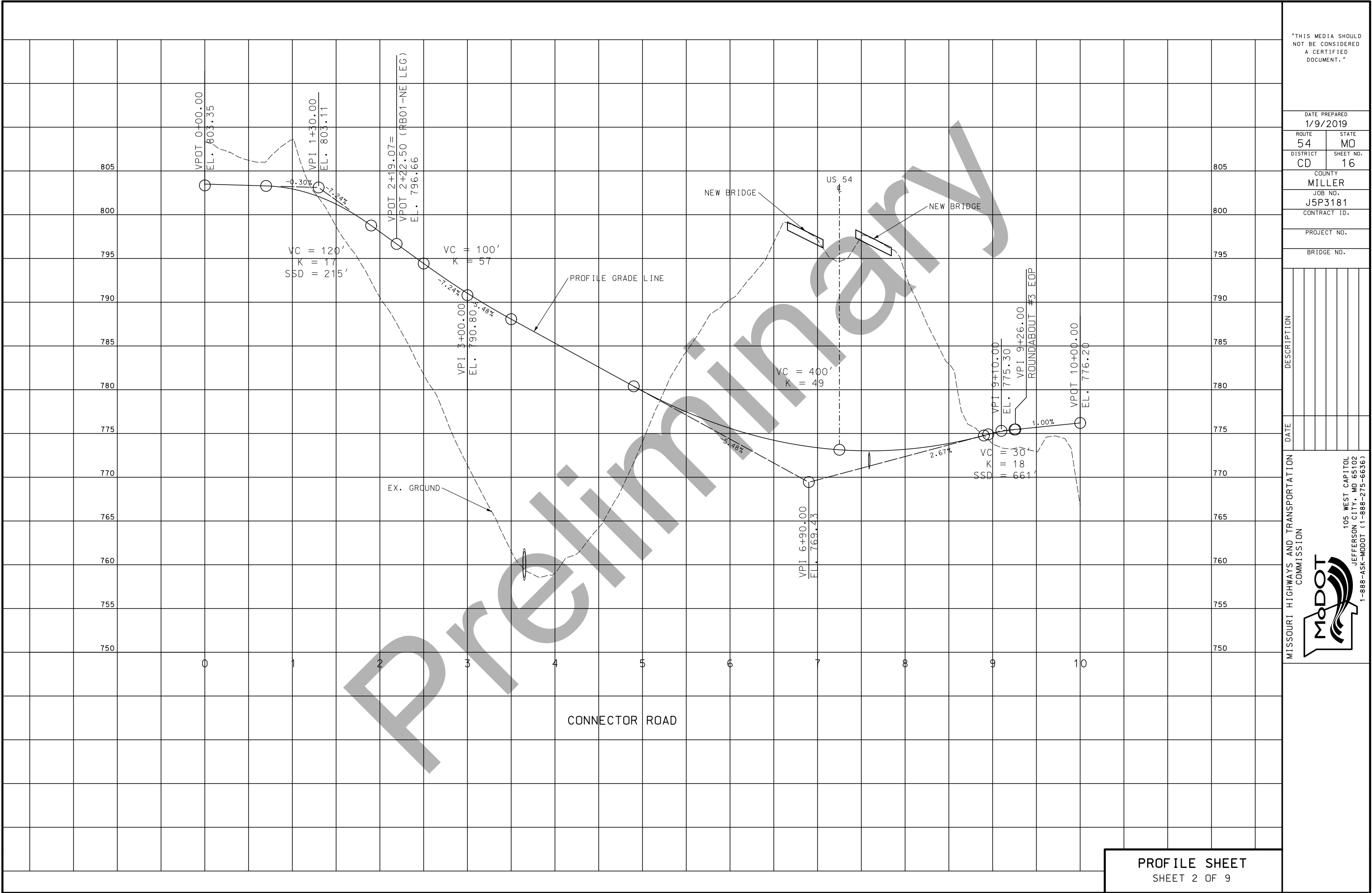
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COMMISSION

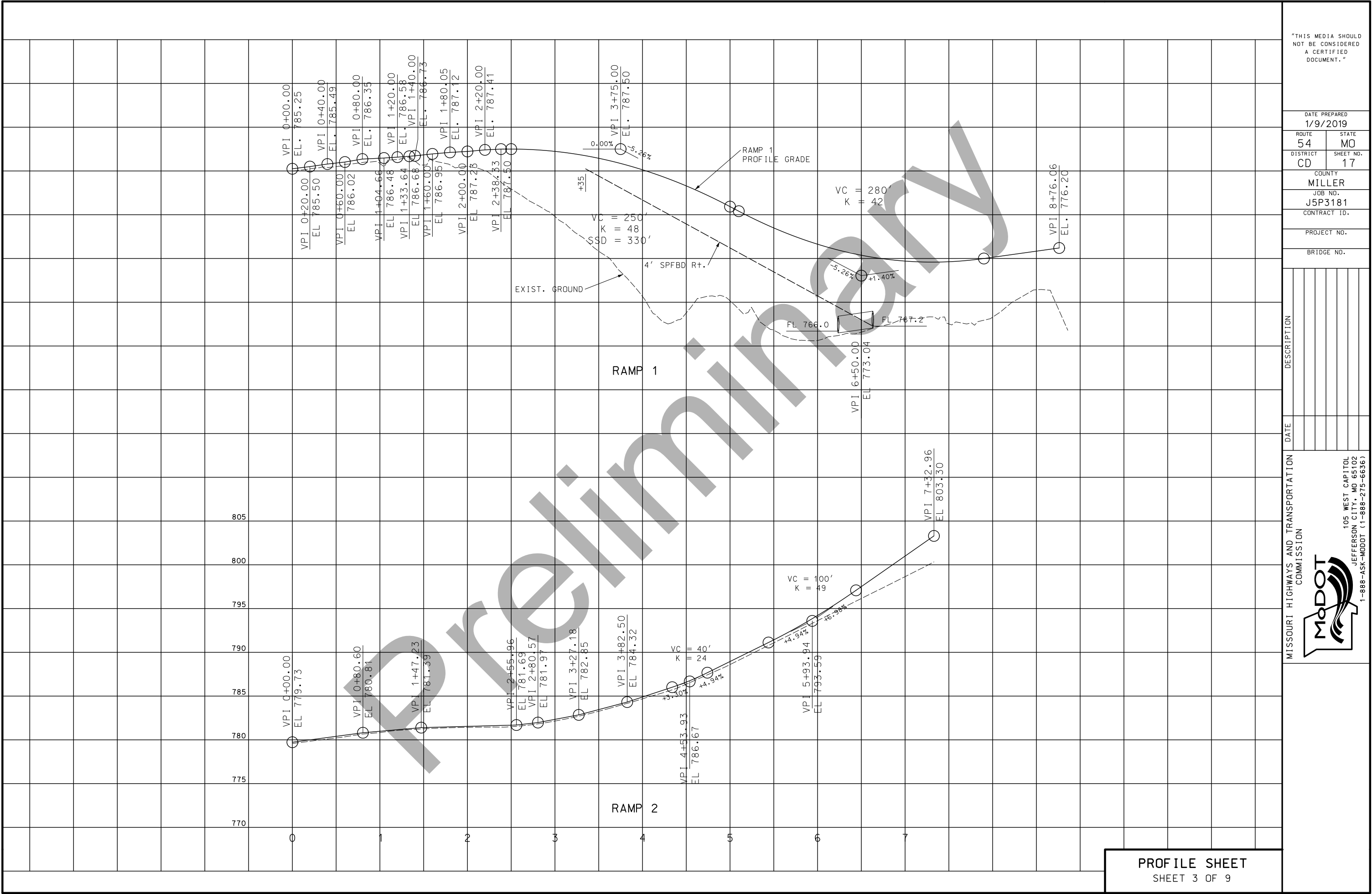
105 WEST CAPITOL
JEFFERSON CITY, MO 65102

PROFILE SHEET
SHEET 1 OF 9

[illegible]

REV.





PROFILE SHEET
SHEET 3 OF 9

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DATE PREPARED
1/9/2019

ROUTE 54 STATE MO
DISTRICT CD SHEET NO. 17

COUNTY MILLER
JOB NO. J5P3181
CONTRACT ID.

PROJECT NO.

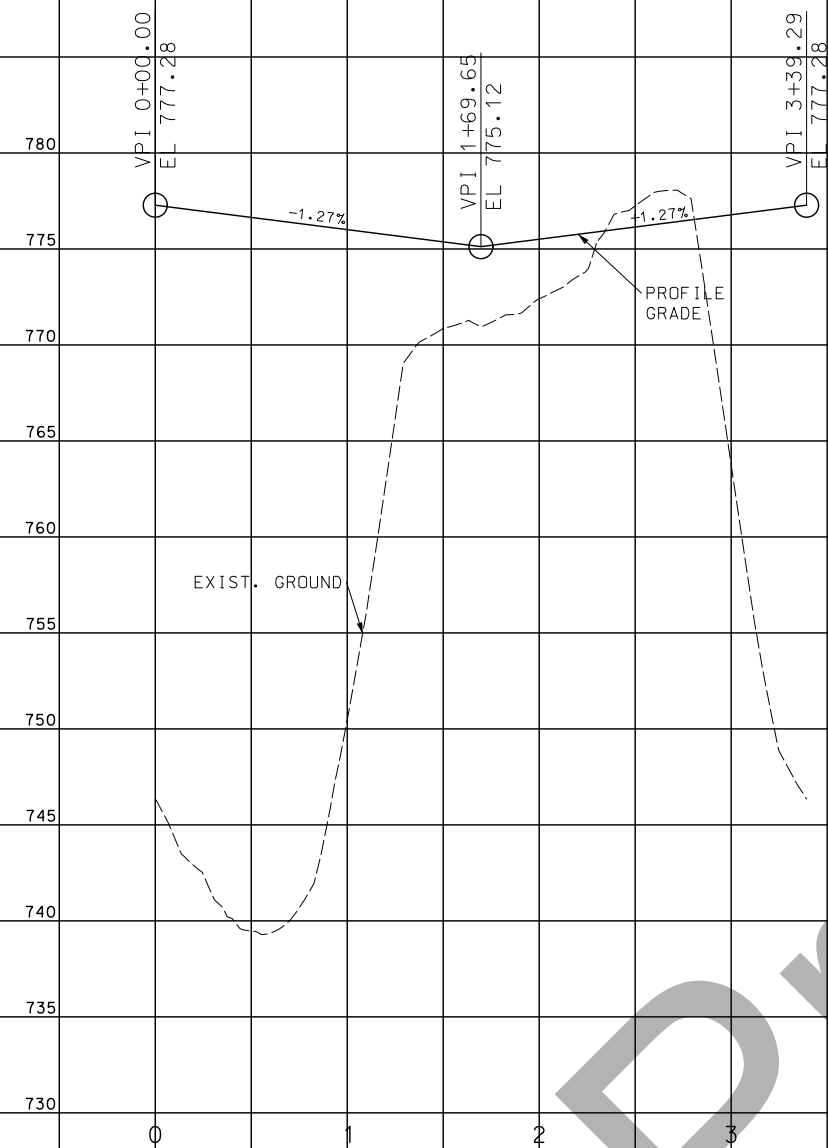
BRIDGE NO.

DATE	DESCRIPTION

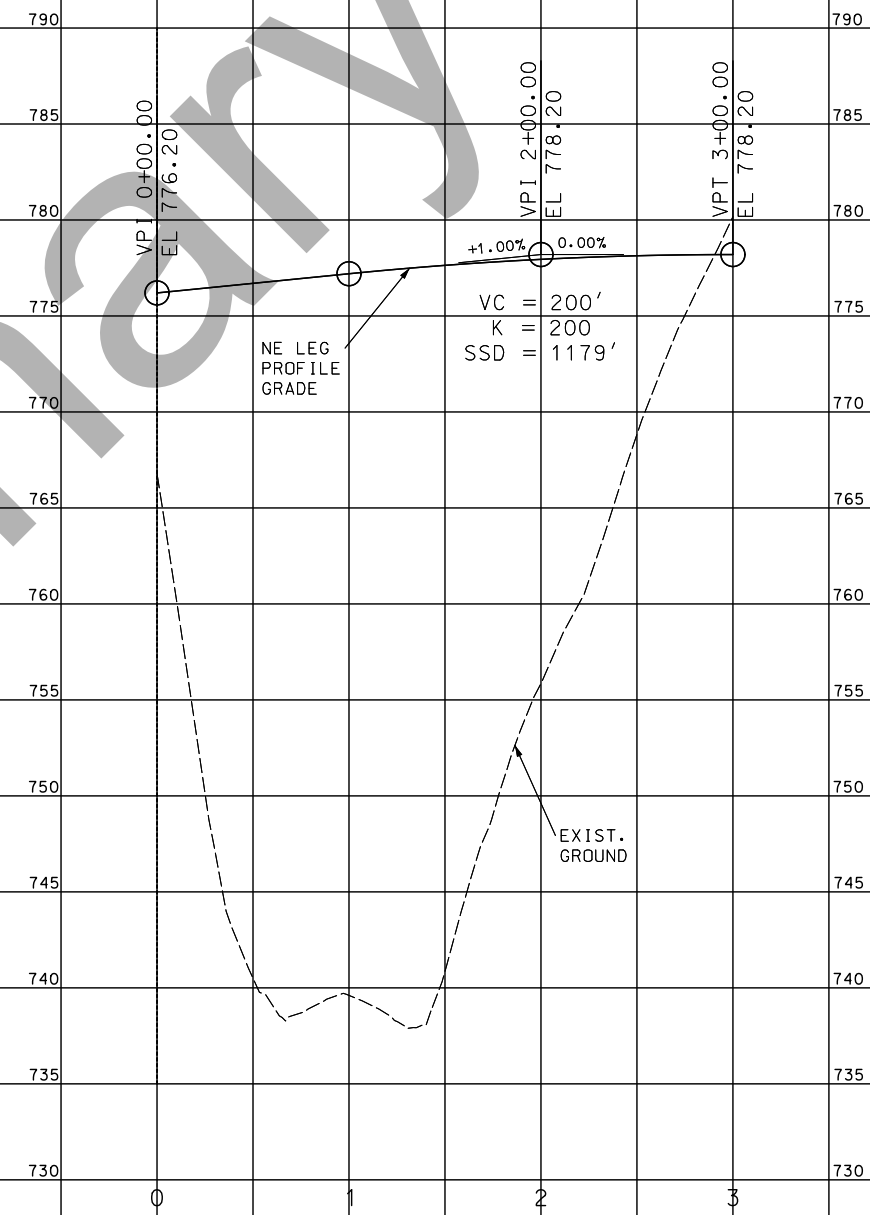
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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.



ROUNDAABOUT 3 - CIRCLE



ROUNDAABOUT 3 - N.E. LEG

PROFILE SHEET
SHEET 8 OF 9

"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

DATE PREPARED

1/9/2019

TE	STATE
1	MO

4	MU
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SHEET NO. 33

22	COUNTY
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COUNTY
MILLER

MILLER

JOB NO.

15P3181

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

1000000

10

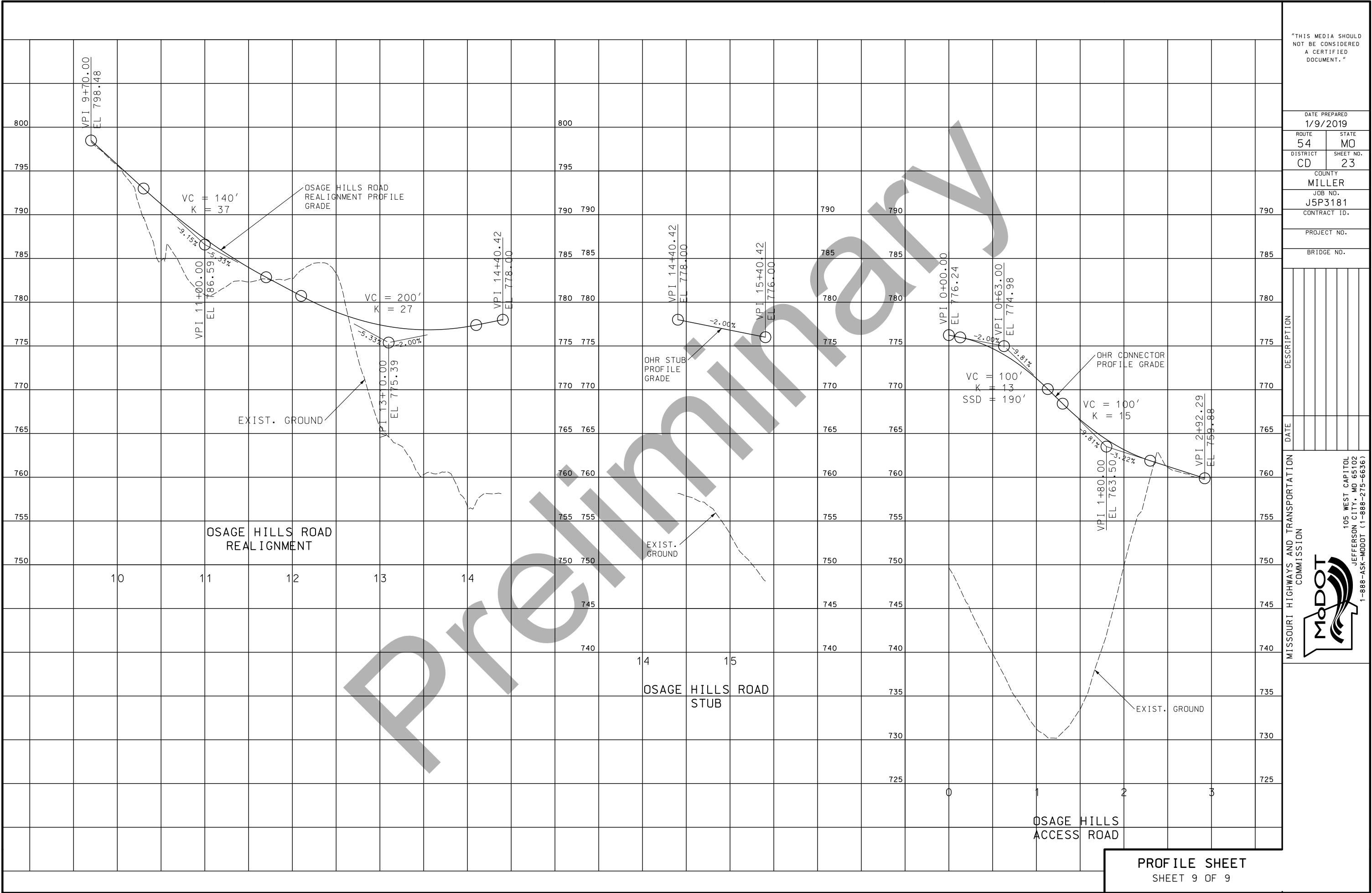
COMMISSION

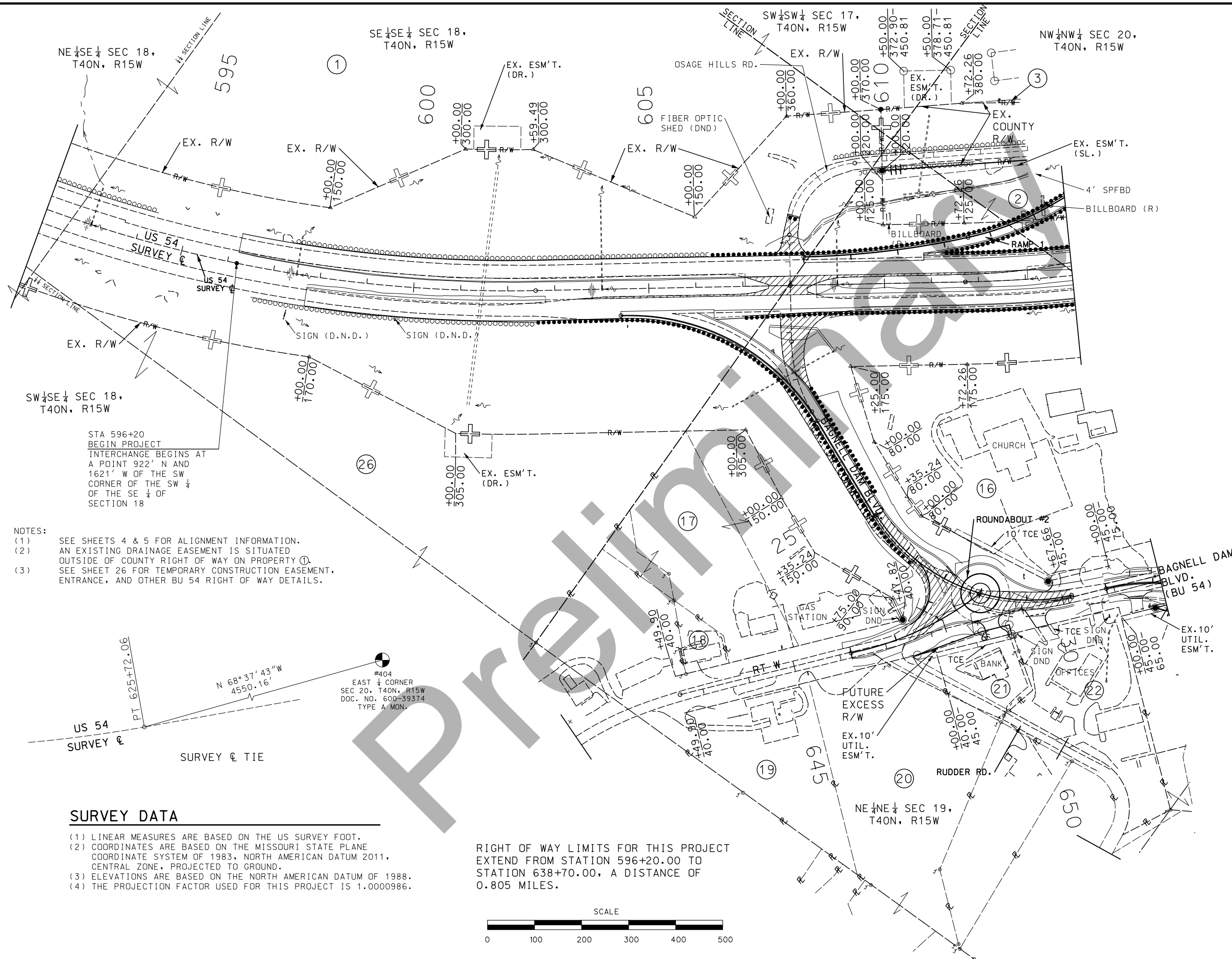


JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

THESE RESULTS ARE IN ACCORD WITH THE FINDINGS OF OTHER STUDIES THAT HAVE SHOWN THAT THE USE OF A SINGLE-ENDED SCALE IS MORE APPROPRIATE FOR MEASURING PERCEIVED EFFORT THAN A DOUBLE-ENDED SCALE.

•





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DATE PREPARED 1/9/2019	
ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 24
COUNTY	

COUNTY	MILLER
JOB NO.	J5P3181
CONTRACT ID.	

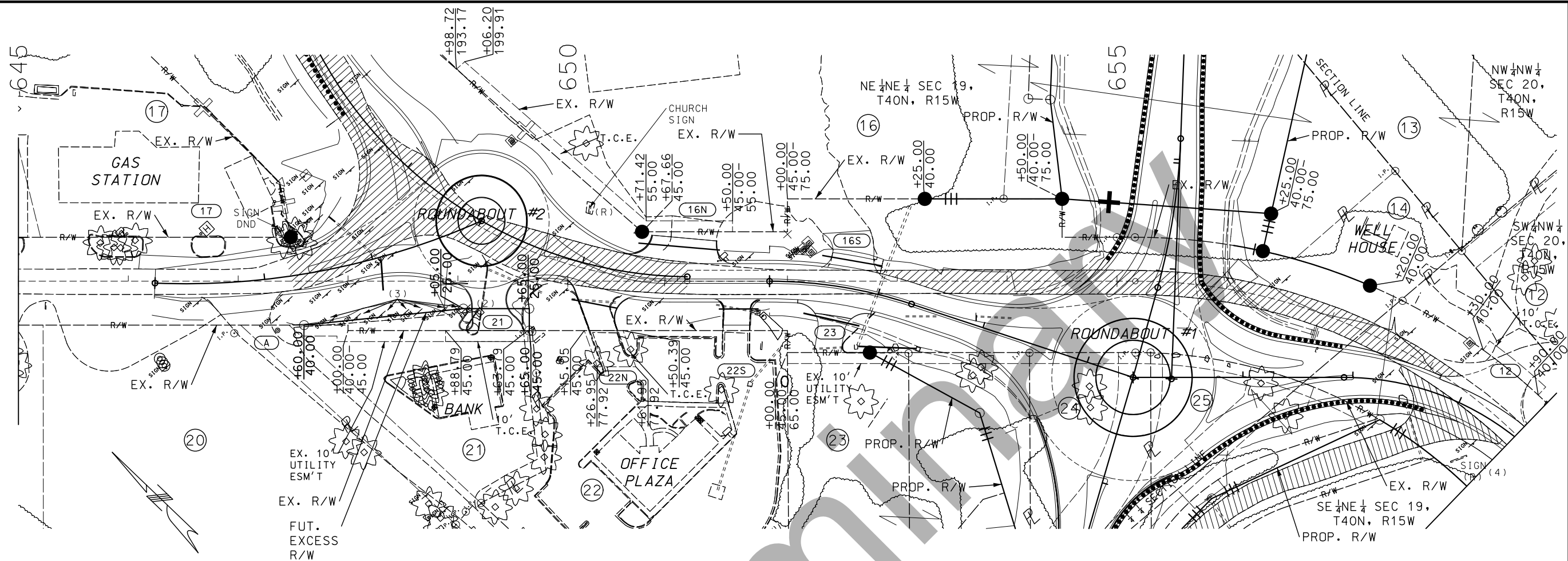
PROJECT NO.

BRIDGE NO.[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

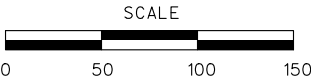
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

REV.



DETAIL - BU 54
TEMPORARY EASEMENTS AND ENTRANCES



ENTRANCES AND SIDE ROADS

- 12

EX. TYPE III DRWY. LT.
658+55.00 RT. ∟
40' AC TOP; USE EX. GRADE
NO PIPE
- 16S

EX. TYPE I DRWY. LT.
652+50.00 RT. ∟
60' AGG. TOP; USE EX. GRADE
15" x 56' GR. B PIPE
- 16N

EX. TYPE I DRWY. LT.
651+05.00 RT. ∟
85' PCCP TOP; USE EX. GRADE
15" x 90' GR. B PIPE
- 17

EX. TYPE IV DRWY. LT.
651+25.00 RT. ∟
125' AC TOP; USE EX. GRADE
NO PIPE
- 21

TYPE III DRWY. RT.
1+66.95 RT. ∟
ROUNDABOUT 2
50' AC TOP W/ PCCP C&G;
+10.3% GRADE
15" x 45' GR. B PIPE
- 22N

TYPE III DRWY. RT.
1+01.34 SK 42° RA
SE LEG OF ROUNDABOUT 2
25' AC TOP W/ C&G
+9.7% GRADE
15" x 45' GR. B PIPE
- 22S

EX. TYPE I DRWY. XT.
651+55.00 RT. ∟
25' AC TOP W/ C&G
USE EX. GRADE
15" x 36' GR. B PIPE
- 23

TYPE I DRWY. RT.
0+62.00 NO SKEW
NW LEG OF ROUNDABOUT 1
24' AGG TOP W/
12' PAVED APPR.
-3.7% GRADE
18" x 50' GR. B PIPE
- A

RUDDER RD.
EX. TYPE II DRWY. RT.
646+95.00 SK 45° RA
45' AC TOP; USE EX. GRADE
NO PIPE

- NOTES:
- (1)

SEE SHEETS 4 AND 5 FOR ALIGNMENT INFORMATION.
- (2)

PROPERTY 21 - REMOVE FLAGPOLE AND PLUG OR RELOCATE WATER HOSE CONNECTOR THAT IS FLUSH WITH PAVEMENT.
- (3)

PROPERTY 21 - REMOVE SIGNS FROM RIGHT OF WAY.
- (4)

REMOVE CHAMBER OF COMMERCE SIGN. PLUG SPRINKLER SYSTEM WATER SUPPLY AND REMOVE SPRINKLER HEADS FROM STATE RIGHT OF WAY.
- (5)

ALL STATIONS AND OFFSETS ARE BASED OFF OF THE BU 54 (OLD HWY 54) CENTERLINE.

THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT.

DATE PREPARED
1/9/2019

ROUTE
54

STATE
MO

DISTRICT
CD

SHEET NO.
27

COUNTY
MILLER

JOB NO.
J5P3181

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

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

①
MAGRUDER QUARRY &
EQUIPMENT COMPANY, LLC
0.44 AC NO ACCESS R/W
2.82 AC NORMAL ACCESS R/W
0.10 AC PERM. DRAINAGE ESM'T.
414.64 AC REMAINING

②
E/Mc DIGITAL OUTDOOR, LLC
2.51 AC NO ACCESS R/W
0.04 AC TEMP. CONSTR. ESM'T.
0.11 AC REMAINING

(3)

NATURAL RESOURCES, INC.

0.17 AC NO ACCESS R/W
0.21 AC NORMAL ACCESS R/W
0.04 AC REMAINING

④
THOMAS R. Sr. &
DEBORAH M. ZANDER
NO TAKING

⑤
KRISTEN A. &
JACOB A. SCHNAKENBERG
NO TAKING

⑥
ED SANNING REAL ESTATE
NO TAKING

⑦
DRAKE DEVELOPMENT &
CONSTRUCTION COMPANY, LLC
NO TAKING

⑧
LIMESTONE VALLEY
PROPERTIES, INC.
NO TAKING

⑨
MARTHA G. BLANKENSHIP
NO TAKING

⑩
BRUCE A. LANEY
NO TAKING

11
LIMESTONE VALLEY
PROPERTIES, INC.
NO TAKING

12
AMEREN MISSOURI
0.01 AC TEMP. CONSTR. ESM'T.
NO RIGHT OF WAY TAKING
CHANGE IN ACCESS RIGHTS

(13)

LIMESTONE VALLEY
PROPERTIES, INC.

1.58 AC NO ACCESS R/W
0.15 AC NORMAL ACCESS R/W
0.02 AC PERM. DR. ESM'T.
0.02 AC TEMP. CONSTR. ESM'T.
3.03 AC REMAINING

(14)

BEACH CLUB CONDOMINIUM
ASSOCIATION, INC.
NO RIGHT OF WAY TAKING
CHANGE IN ACCESS RIGHTS

(16)

MT. CARMEL BAPTIST CHURCH
OF ELDON, MO

0.20 AC NO ACCESS R/W
1.10 AC NORMAL ACCESS R/W
0.09 AC TEMP. CONSTR. ESM'T.
0.04 AC PERM. DR. ESM'T.
6.57 AC REMAINING
CHANGE IN ACCESS RIGHTS ALONG
BU 54 (BAGNELL DAM BLVD.)

17

TRUSTEES OF THE EDWIN W. SANNING
REVOCABLE TRUST
&
TRUSTEES OF THE DORIS M. SANNING
REVOCABLE TRUST
NO TAKING

(18)
RICHARD CARVER &
QUINCY CARVER
NO TAKING

WISDOM HOLDINGS &
PROPERTIES, LLC.

(20)

R & G INVESTMENTS
NO TAKING

21
FIRSTAR FACILITIES
NO TAKING
0.02 AC TEMP. CONSTR. ESM'T.

(22)
GDCC, INC.
NO TAKING
0.03 AC TEMP. CONSTR. ESM'T.

(23)

JANSKY, INC.

0.17 AC NO ACCESS R/W

0.08 AC NORMAL ACCESS R/W

0.81 AC TEMP. CONSTR. ESM'T.

0.04 AC PERM. UTIL. ESM'T.

2.12 AC REMAINING

(24)
VERN & SHARON K.
JANSKY
0.47 AC NO ACCESS R/W
0.15 AC NORMAL ACCESS R/W
0.00 AC REMAINING
(TOTAL TAKE)

(25)
DEVELOPMENT
PROPERTIES, LLC.
0.39 AC NO ACCESS R/W
0.0 AC REMAINING
(TOTAL TAKE)

(26)
LIMESTONE VALLEY
PROPERTIES, INC.
NO TAKING

(27)

DEVELOPMENT
PROPERTIES, LLC.
0.04 AC NORMAL ACCESS R/W
0.24 AC TEMP. CONSTR. ESM'T.
3.75 AC REMAINING

(28)
NATURAL RESOURCES, INC.
NO TAKING

NOTES:
(1) 0.06 ACRES OF EXCESS RIGHT OF WAY ALONG RT W
IN FRONT OF THE BANK.

"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

DATE PREPARED

1/9/2019

ROUTE	STATE
54	MO

DISTRICT	SHEET NO.
CD	28

COUNTY	
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MILLER

JOB NO.

J5P3181

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE _____

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

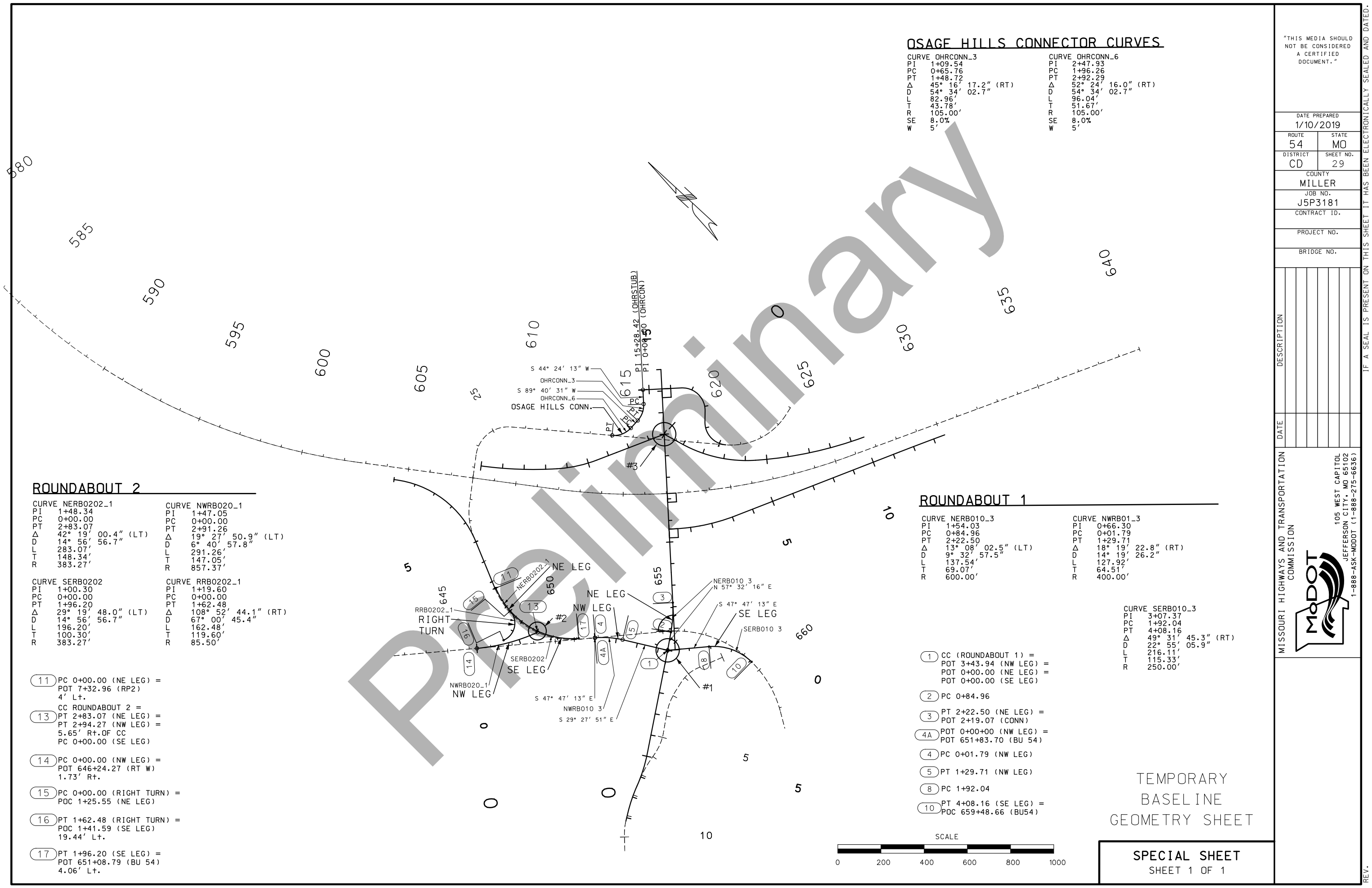
MISSOURI HIGHWAYS AUTHORITY
COMMISSIONER

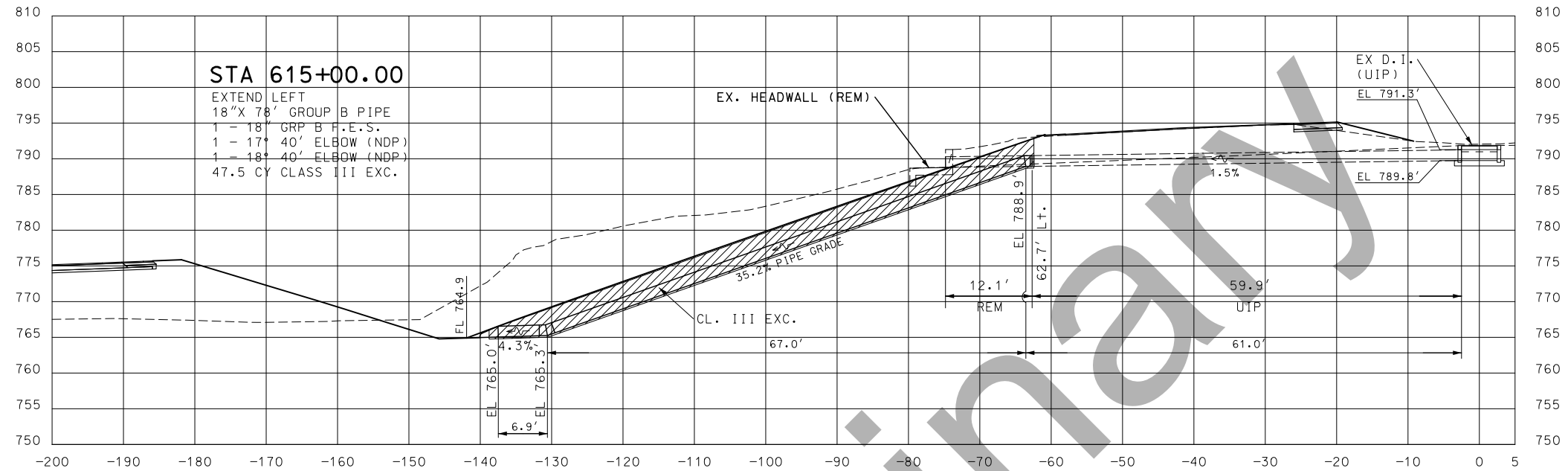
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

RIGHT OF WAY
SHEET
SHEET 5 OF 5

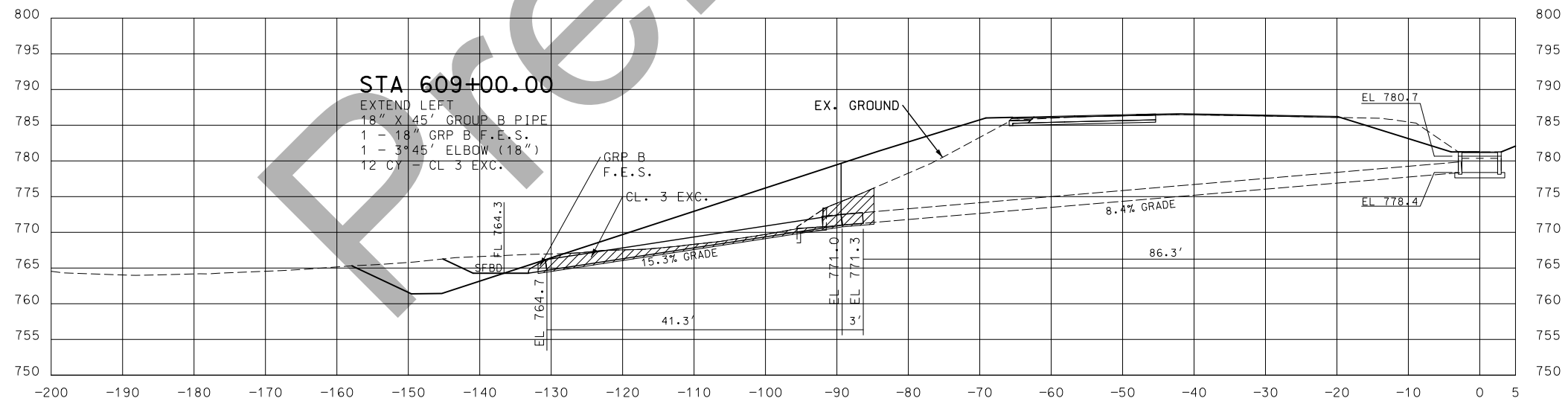
[illegible]

REV.





Sta. 615+00.00 R2



US 54 EASTBOUND

CULVERT SECTION SHEET
SHEET 1 OF XX

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED

ROUTE	STATE
54	MO

DISTRICT	SHEET NO.
CD	XX

COUNTY

MILLER

JOB NO.
1587484

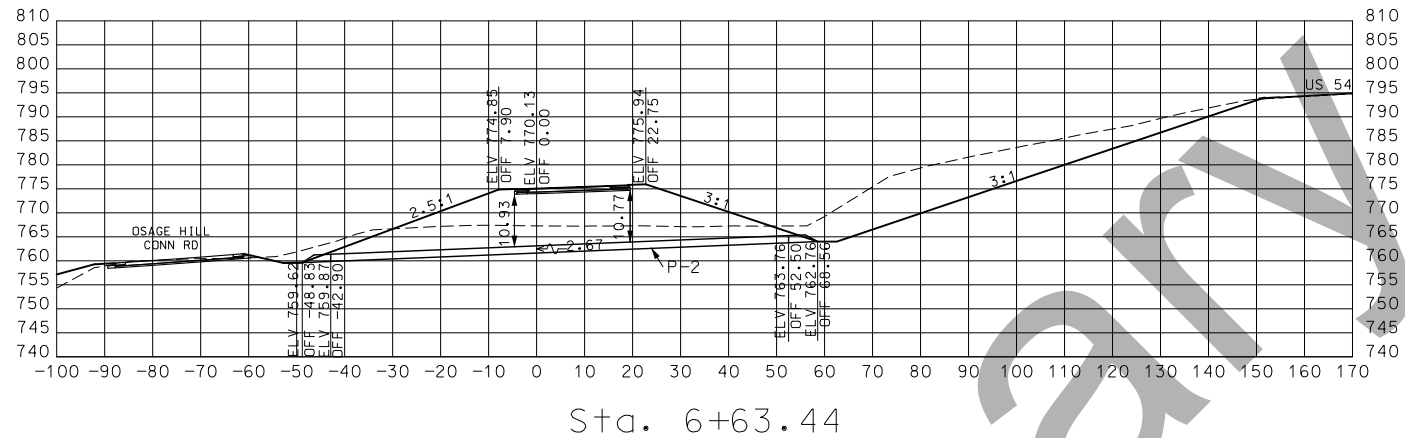
PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

THESE RESULTS ARE IN ACCORD WITH THE FINDINGS OF OTHER STUDIES THAT HAVE SHOWN THAT THE USE OF A SINGLE-ENDED SCALE IS MORE APPROPRIATE FOR MEASURING PERCEIVED EFFORT THAN A DOUBLE-ENDED SCALE.



P-2
RAMP1
18" X 103' GROUP A PIPE
CLASS 3 TYPE 3 INST.

RAMP 1

CULVERT SECTION SHEET
SHEET 2 OF XX

"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

DATE PREPARED 1/10/2019	
ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. XX
COUNTY MILLER	
JOB NO. J5P3181	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

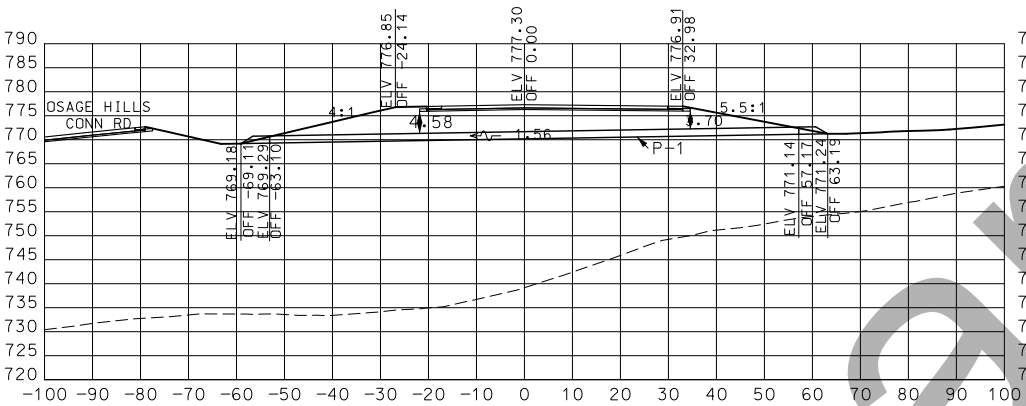
DATE	DESCRIPTION

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.



Sta. 1+10.00

P-1
NORTHEAST LEG ROUNDABOUT 3
18" X 118" GROUP A PIPE
CLASS 3 TYPE 4 INST.

ROUNDABOUT #3
NORTH EAST LEG

CULVERT SECTION SHEET
SHEET 3 OF XX

"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

DATE PREPARED 1/10/2019	
ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. XX
COUNTY MILLER	
JOB NO. J5P3181	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

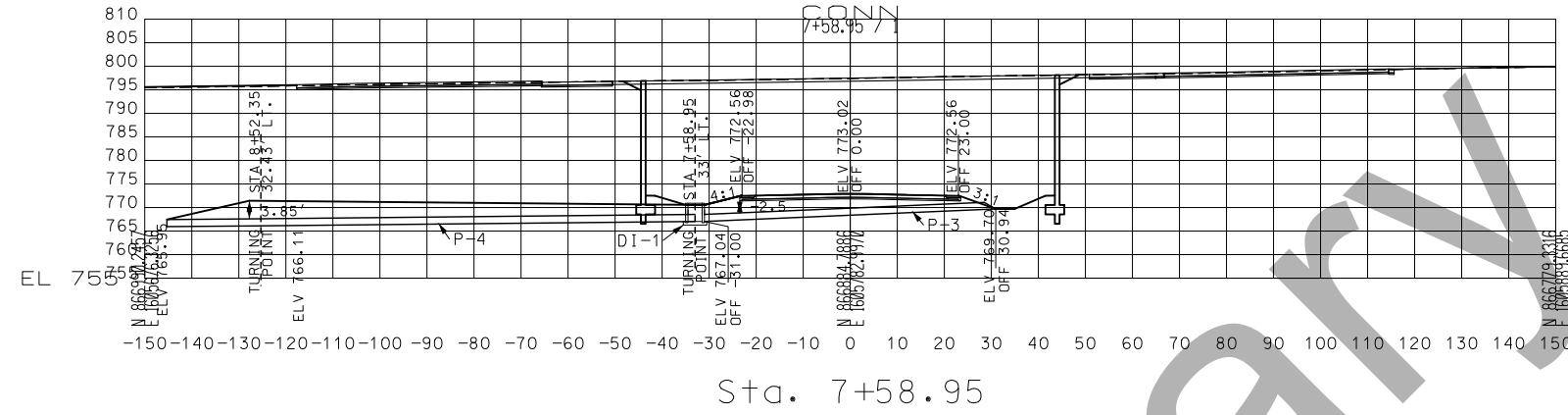
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

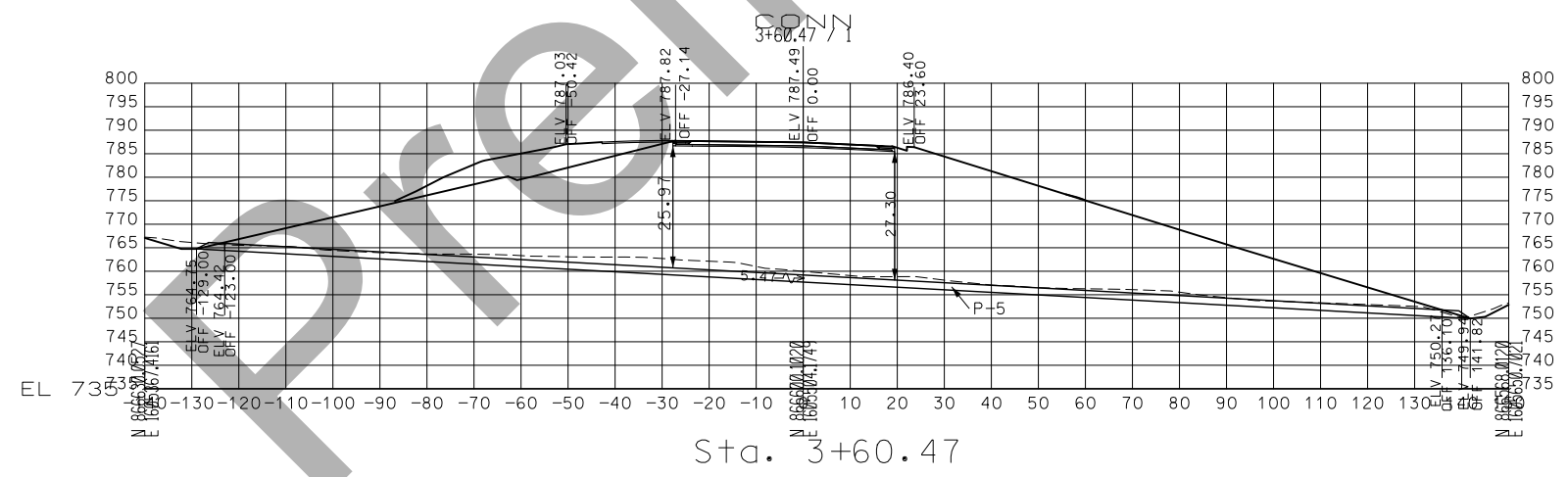
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



P-3
CONN RD.
18"X 60' GROUP A PIPE
CLASS 3 TYPE 4 INST.

DI-1
STA 7+58.95
33' LT. NO SKEW
1-2'X3' TYPE S-1
2-18" OPENINGS
D= 3.5' CLASS 3 EX=1.74 CY

P-4
CONN RD.
18"X 113'
CLASS 3 TYPE 4 INST.
1-50° ELBOW



P-5
CONN RD.
18" X 266' GROUP A PIPE
CLASS 4 TYPE 1

CONNECTOR ROAD

CULVERT SECTION SHEET
SHEET 4 OF XX

"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

DATE PREPARED 1/10/2019	
ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. XX
COUNTY MILLER	
JOB NO. J5P3181	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

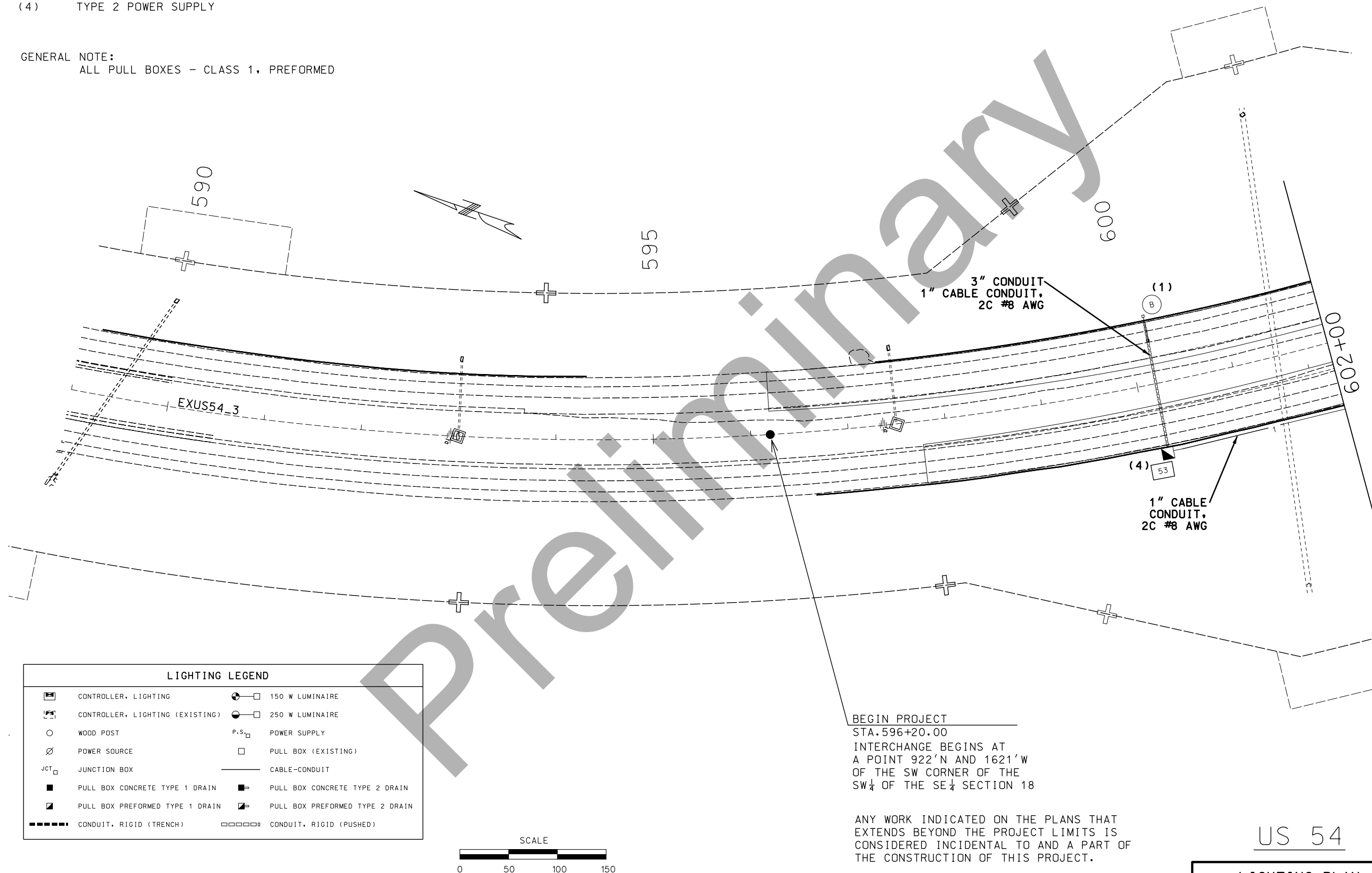
MoDOT

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

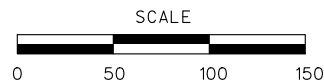
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

- NOTES:
- (1) 250 W, 27,500 LUMENS EQUIVALENT L.E.D., 45' M.H. TYPE AT POLE, 15' B.A.
 - (2) 150 W, 16,500 LUMENS EQUIVALENT L.E.D., 30' M.H. TYPE AT POLE, 15' B.A.
 - (3) 240 V, 4 CIRCUIT BASE MOUNTED CONTROL STATION
 - (4) TYPE 2 POWER SUPPLY

GENERAL NOTE:
ALL PULL BOXES - CLASS 1, PREFORMED



LIGHTING LEGEND			
	CONTROLLER, LIGHTING		150 W LUMINAIRE
	CONTROLLER, LIGHTING (EXISTING)		250 W LUMINAIRE
	WOOD POST		P.S. POWER SUPPLY
	POWER SOURCE		PULL BOX (EXISTING)
	JUNCTION BOX		CABLE-CONDUIT
	PULL BOX CONCRETE TYPE 1 DRAIN		PULL BOX CONCRETE TYPE 2 DRAIN
	PULL BOX PREFORMED TYPE 1 DRAIN		PULL BOX PREFORMED TYPE 2 DRAIN
	CONDUIT, RIGID (TRENCH)		CONDUIT, RIGID (PUSHED)



BEGIN PROJECT
STA. 596+20.00
INTERCHANGE BEGINS AT
A POINT 922'N AND 1621'W
OF THE SW CORNER OF THE
SW 1/4 OF THE SE 1/4 SECTION 18

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.

US 54

LIGHTING PLAN
SHEET 1 OF 7

"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

DATE PREPARED
1/8/2019

ROUTE 54 STATE MO
DISTRICT CD SHEET NO. X

COUNTY MILLER
JOB NO. J5P3181
CONTRACT ID.

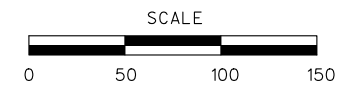
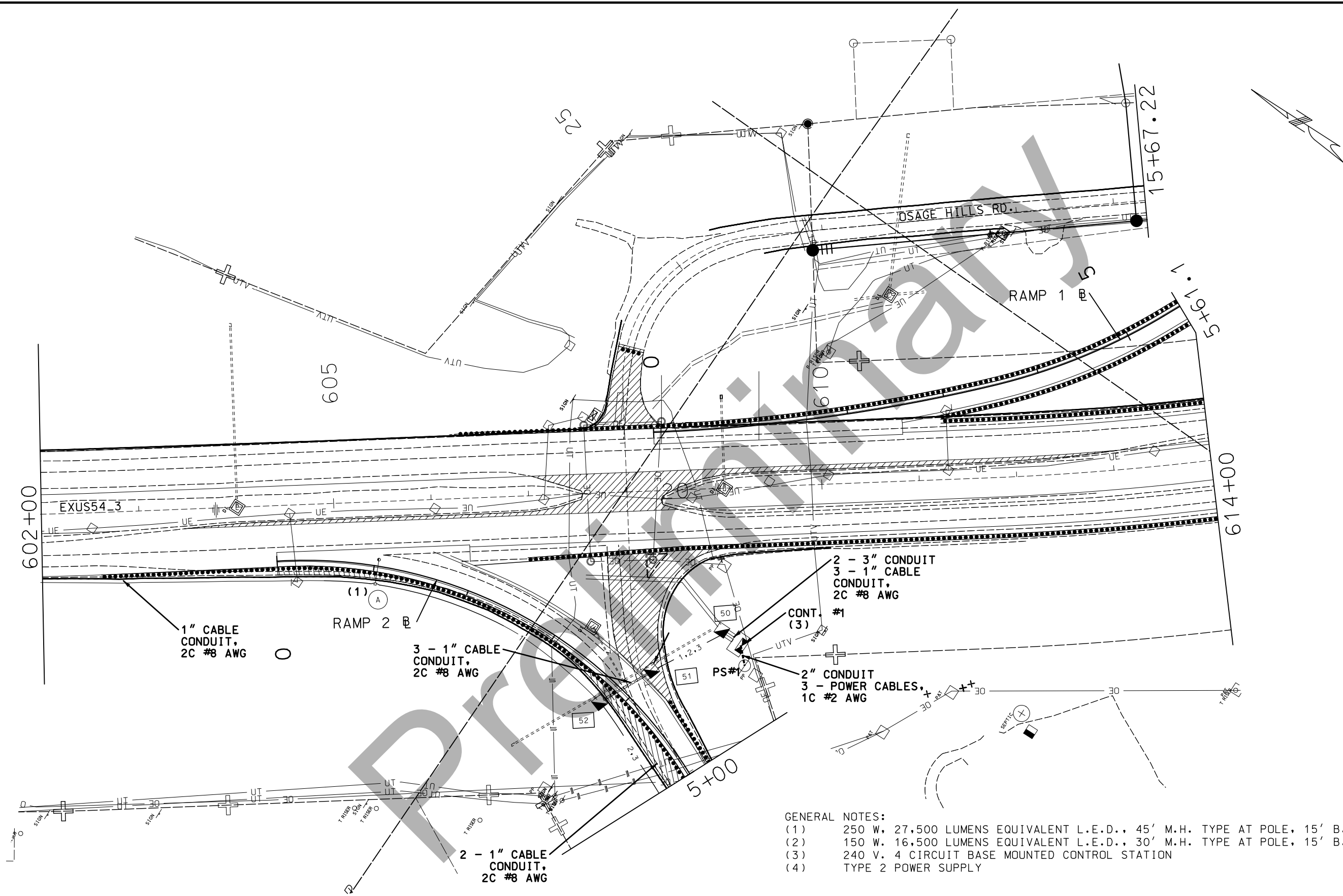
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

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



- GENERAL NOTES:
- (1) 250 W. 27,500 LUMENS EQUIVALENT L.E.D., 45' M.H. TYPE AT POLE, 15' B.A.
 - (2) 150 W. 16,500 LUMENS EQUIVALENT L.E.D., 30' M.H. TYPE AT POLE, 15' B.A.
 - (3) 240 V. 4 CIRCUIT BASE MOUNTED CONTROL STATION
 - (4) TYPE 2 POWER SUPPLY

NOTE:
SEE SHEET 1 OF LIGHTING SHEETS FOR LIGHTING LEGEND.
ALL PULL BOXES - CLASS 1, PREFORMED

US 54

LIGHTING SHEET
SHEET 2 OF 7

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

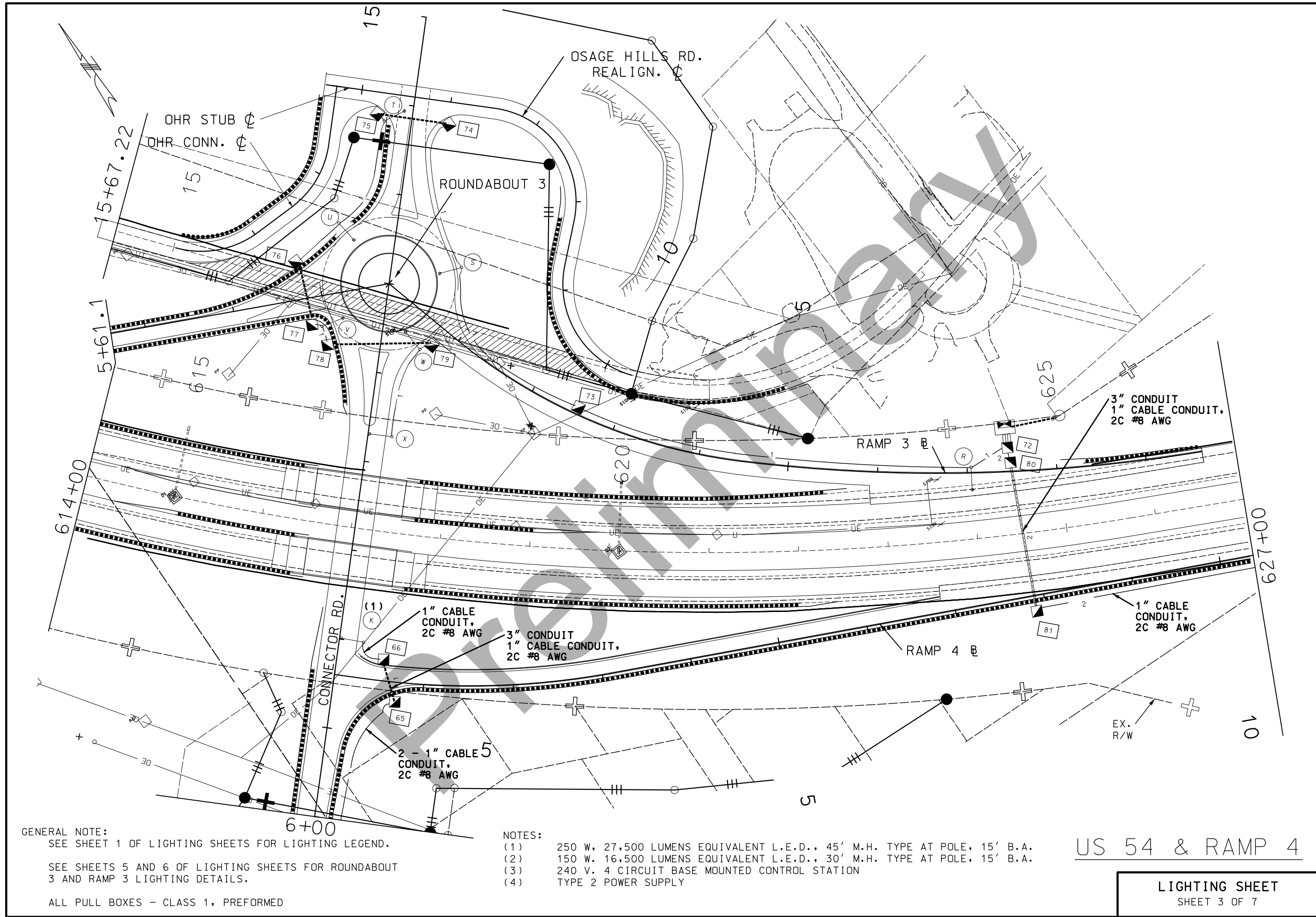
DATE PREPARED 1/8/2019	
ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. X
COUNTY MILLER	
JOB NO. J5P3181	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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.



GENERAL NOTE:
SEE SHEET 1 OF LIGHTING SHEETS FOR LIGHTING LEGEND.
SEE SHEETS 5 AND 6 OF LIGHTING SHEETS FOR ROUNDABOUT
3 AND RAMP 3 LIGHTING DETAILS.
ALL PULL BOXES - CLASS 1, PREFORMED

NOTES:
(1) 250 W, 27,500 LUMENS EQUIVALENT L.E.D., 45' M.H. TYPE AT POLE, 15' B.A.
(2) 150 W, 16,500 LUMENS EQUIVALENT L.E.D., 30' M.H. TYPE AT POLE, 15' B.A.
(3) 240 V, 4 CIRCUIT BASE MOUNTED CONTROL STATION
(4) TYPE 2 POWER SUPPLY

US 54 & RAMP 4

LIGHTING SHEET
SHEET 3 OF 7

"THIS MEDIA SHOULD
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A CERTIFIED
DOCUMENT."

DATE PREPARED
1/8/2019
ROUTE 54 STATE MO
DISTRICT CD SHEET NO. X
COUNTY MILLER
JOB NO. J5P3181
CONTRACT ID.

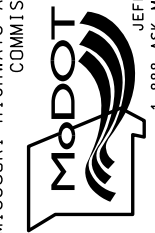
PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

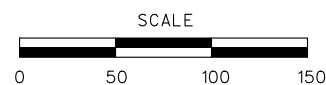


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

REV.

(1) 250 W, 27,500 LUMENS EQUIVALENT L.E.D., 45' M.H. TYPE AT POLE, 15' B.A.
(2) 150 W. 16,500 LUMENS EQUIVALENT L.E.D., 30' M.H. TYPE AT POLE, 15' B.A.
(3) 240 V. 4 CIRCUIT BASE MOUNTED CONTROL STATION
(4) TYPE 2 POWER SUPPLY



US 54

LIGHTING SHEET

SHEET 4 OF 7

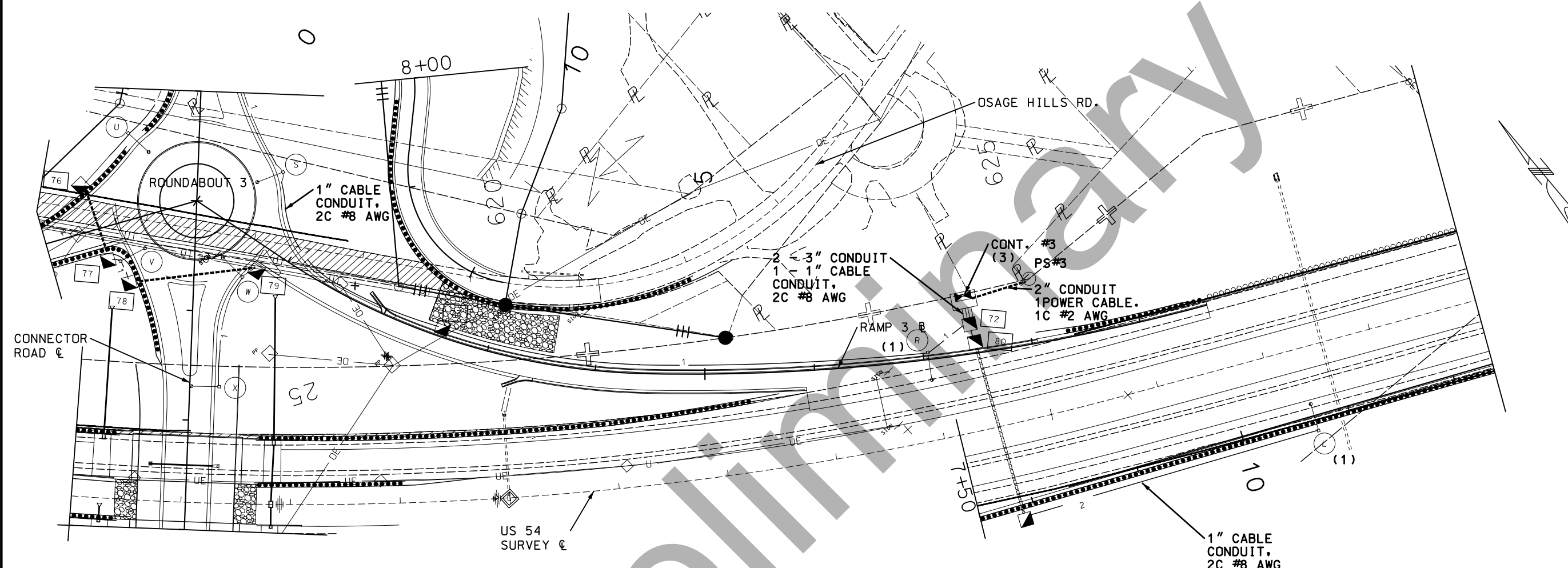


MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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.

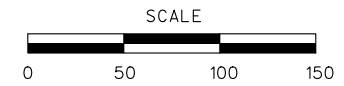
• 4-7/11



GENERAL NOTES:
SEE SHEET 1 OF LIGHTING SHEETS FOR LIGHTING LEGEND.

SEE SHEET 3 OF LIGHTING SHEETS FOR RAMP 4 DETAILS AND SHEET 5 FOR ROUNDABOUT 3 DETAILS.

- NOTES:
- (1) 250 W, 27,500 LUMENS EQUIVALENT L.E.D., 45' M.H. TYPE AT POLE, 15' B.A.
 - (2) 150 W, 16,500 LUMENS EQUIVALENT L.E.D., 30' M.H. TYPE AT POLE, 15' B.A.
 - (3) 240 V, 4 CIRCUIT BASE MOUNTED CONTROL STATION
 - (4) TYPE 2 POWER SUPPLY



RAMP 3

LIGHTING SHEET
SHEET 6 OF 7

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED 1/8/2019	
ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. X
COUNTY MILLER	
JOB NO. J5P3181	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

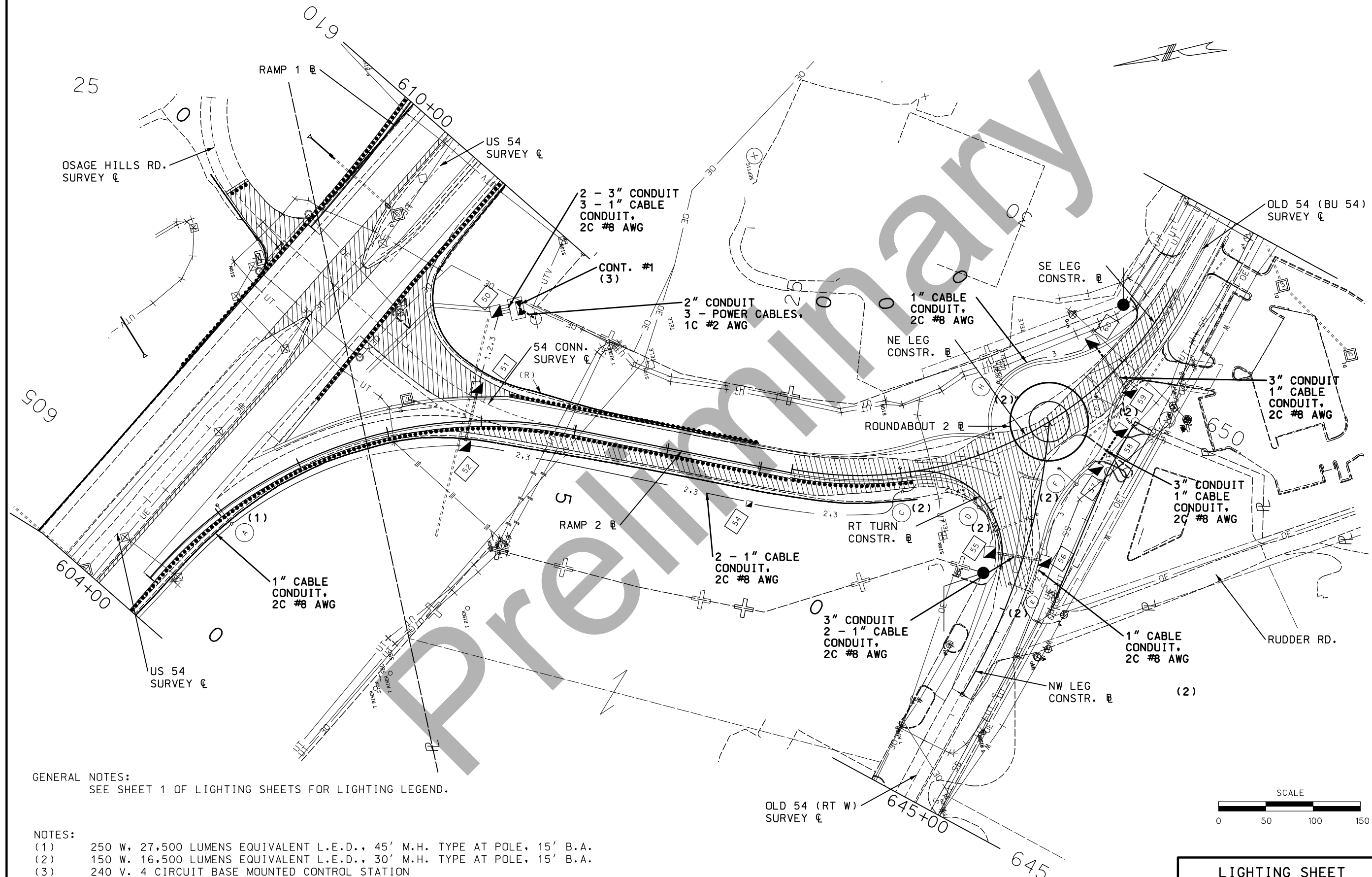
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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.

RAMP 2 & ROUNDABOUT 2



GENERAL NOTES:
SEE SHEET 1 OF LIGHTING SHEETS FOR LIGHTING LEGEND.

- NOTES:
- | | |
|-----|---|
| (1) | 250 W. 27,500 LUMENS EQUIVALENT L.E.D., 45' M.H. TYPE AT POLE, 15' B.A. |
| (2) | 150 W. 16,500 LUMENS EQUIVALENT L.E.D., 30' M.H. TYPE AT POLE, 15' B.A. |
| (3) | 240 V. 4 CIRCUIT BASE MOUNTED CONTROL STATION |
| (4) | TYPE 2 POWER SUPPLY |

LIGHTING SHEET
SHEET 7 OF 7

ED AND

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
1/8/2010

ROUTE	STATE
54	MO

DISTRICT	SHEET NO.
CD	X

COUNTY
MILLER

JOB NO.
J5P3181

CONTRACT ID.

PROJECT NO.

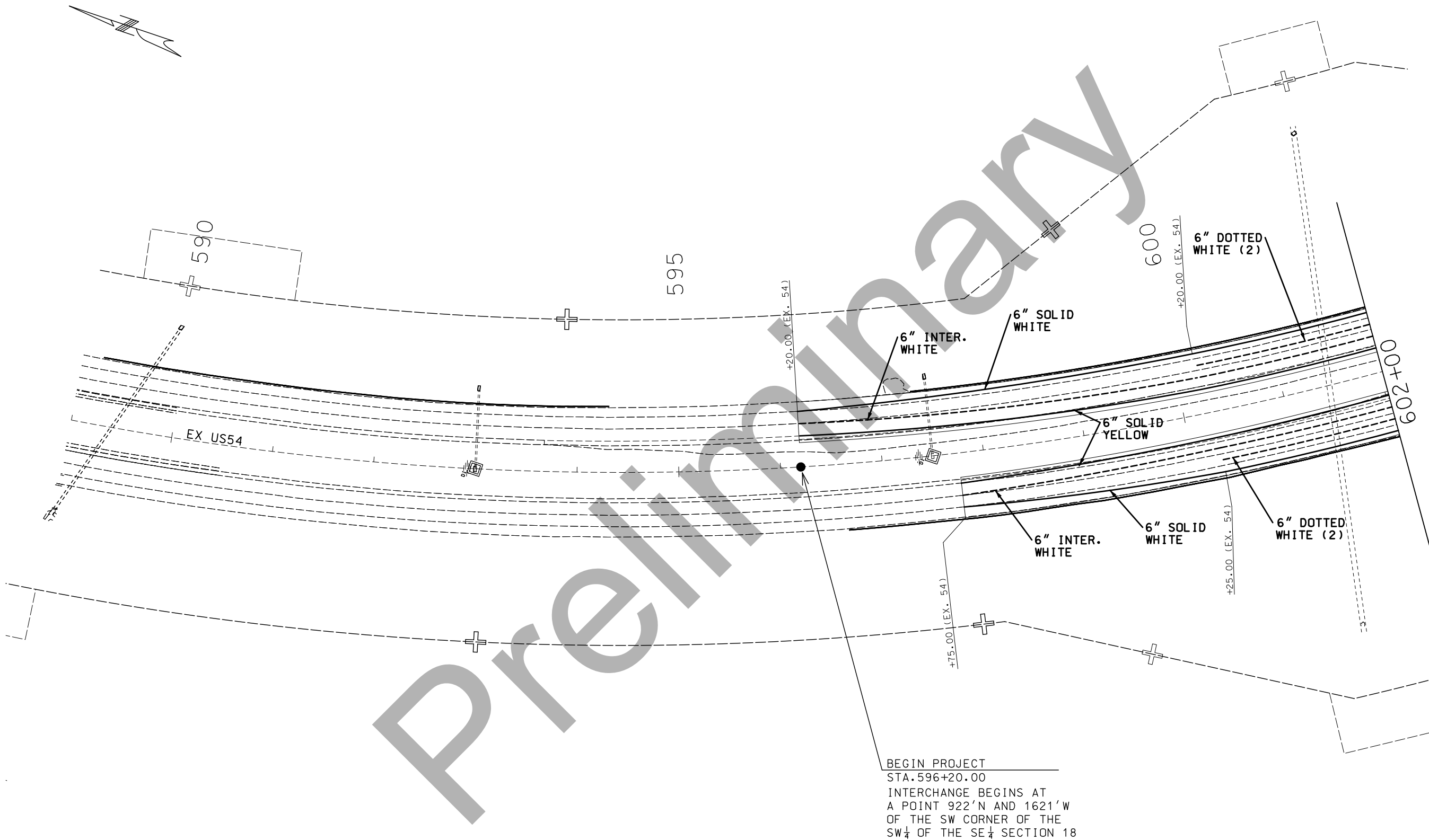
BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

- NOTES:
(1) DOTTED PAVEMENT MARKING WITHIN ROUNDABOUT - 2' STRIPE WITH 4' GAP.
(2) DOTTED PAVEMENT MARKING USED AS LANE LINE - 3' STRIPE WITH 9' GAP.



"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

DATE PREPARED
1/8/2019

ROUTE 54 STATE MO

DISTRICT CD SHEET NO. X

COUNTY MILLER

JOB NO. J5P3181

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

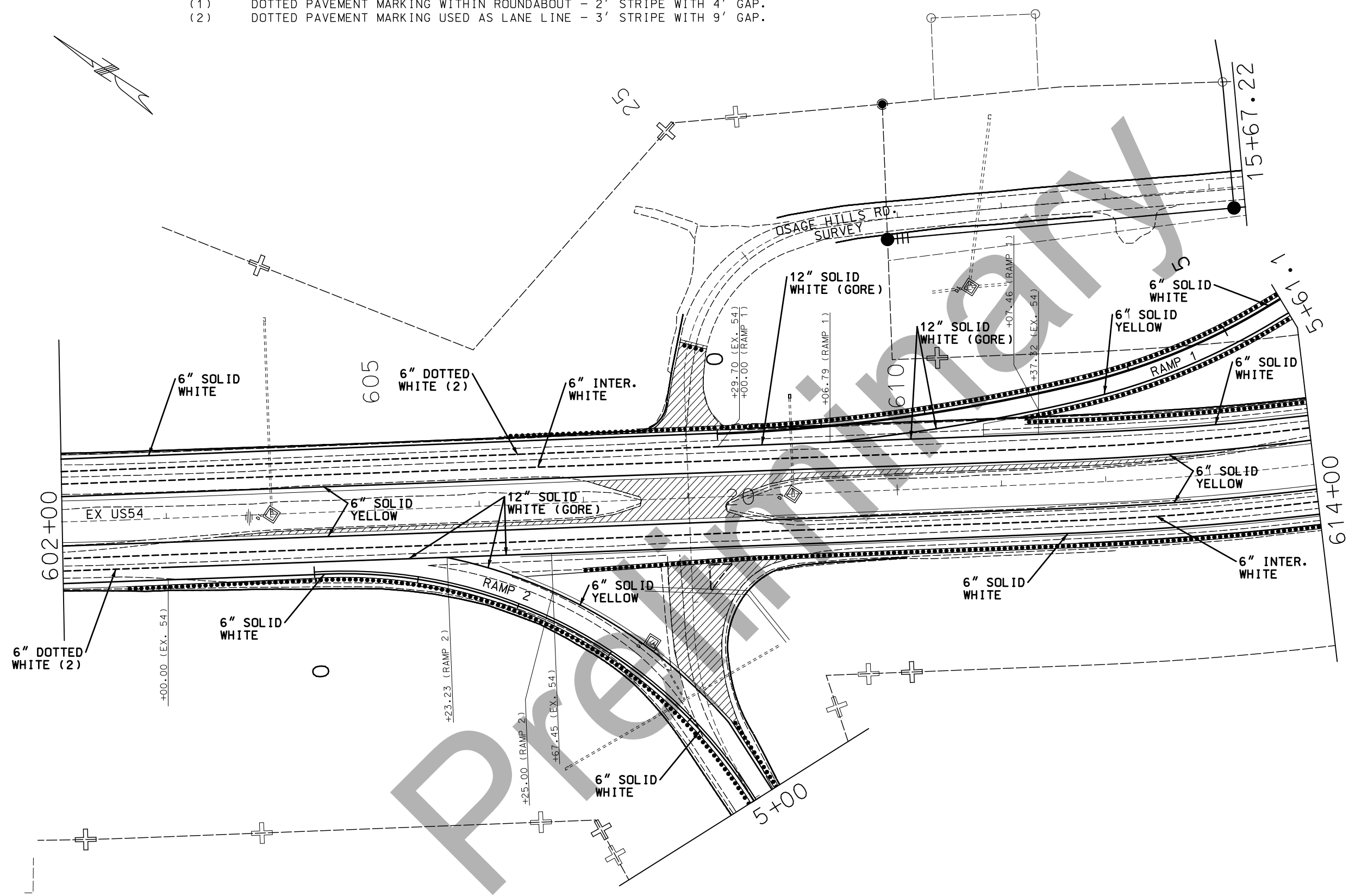
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

US 54

PAVEMENT MARKING SHEET
SHEET 1 OF 6

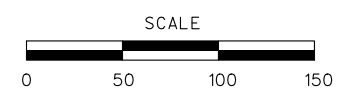
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

- NOTES:
(1) DOTTED PAVEMENT MARKING WITHIN ROUNDABOUT - 2' STRIPE WITH 4' GAP.
(2) DOTTED PAVEMENT MARKING USED AS LANE LINE - 3' STRIPE WITH 9' GAP.



STRIPING LEGEND

---	INTERMITTENT STRIPE (10' STRIPE, 30' GAP)
—	SOLID STRIPE
...	DOTTED STRIPE
▲▲▲▲▲	YIELD LINE (12" TRIANGLES)



US 54

PAVEMENT MARKING SHEET
SHEET 2 OF 6

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
1/8/2019

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. X

COUNTY
MILLER

JOB NO.
J5P3181

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

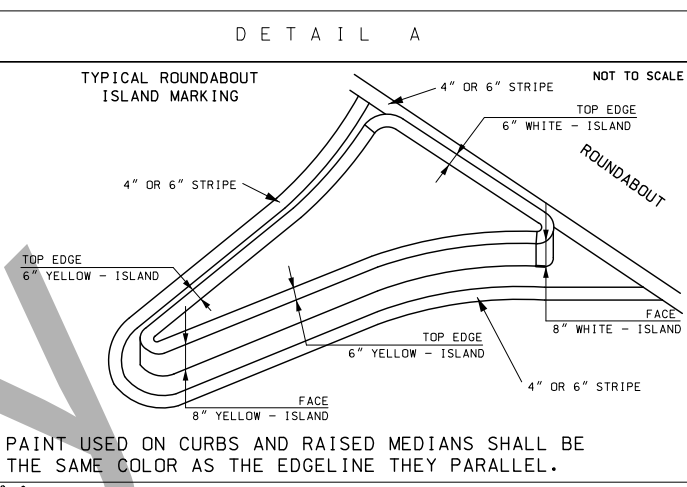
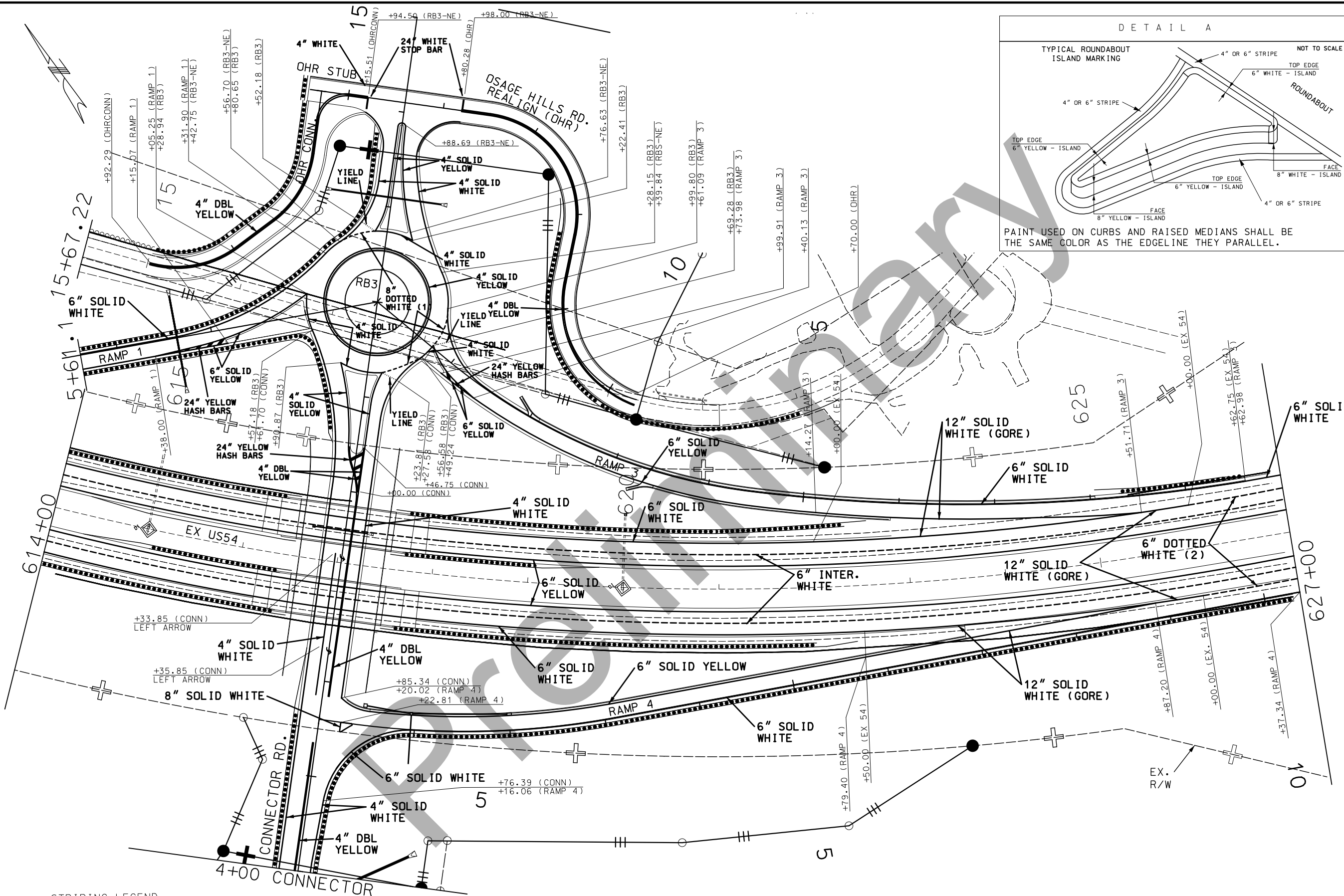
DESCRIPTION	DATE

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.

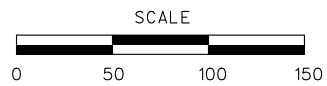
REV.



STRIPING LEGEND

-----	INTERMITTENT STRIPE (10' STRIPE, 30' GAP)
————	SOLID STRIPE
- - - - -	DOTTED STRIPE
▲▲▲▲▲	YIELD LINE (12" TRIANGLES)

NOTES:
(1) DOTTED PAVEMENT MARKING WITHIN ROUNDABOUT - 2' STRIPE WITH 4' GAP.
(2) DOTTED PAVEMENT MARKING USED AS LANE LINE - 3' STRIPE WITH 9' GAP.



US 54
PAVEMENT MARKING SHEET
SHEET 3 OF 6

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED: 1/8/2019

ROUTE 54, STATE MO, DISTRICT CD, SHEET NO. X

COUNTY MILLER, JOB NO. J5P3181, 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.

(1)	DOTTED PAVEMENT MARKING WITHIN ROUNDABOUT - 2' STRIPE WITH 4' GAP.
(2)	DOTTED PAVEMENT MARKING USED AS LANE LINE - 3' STRIPE WITH 9' GAP.

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
1/8/2019

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. X

COUNTY
MILLER

JOB NO.
J5P3181

CONTRACT ID.

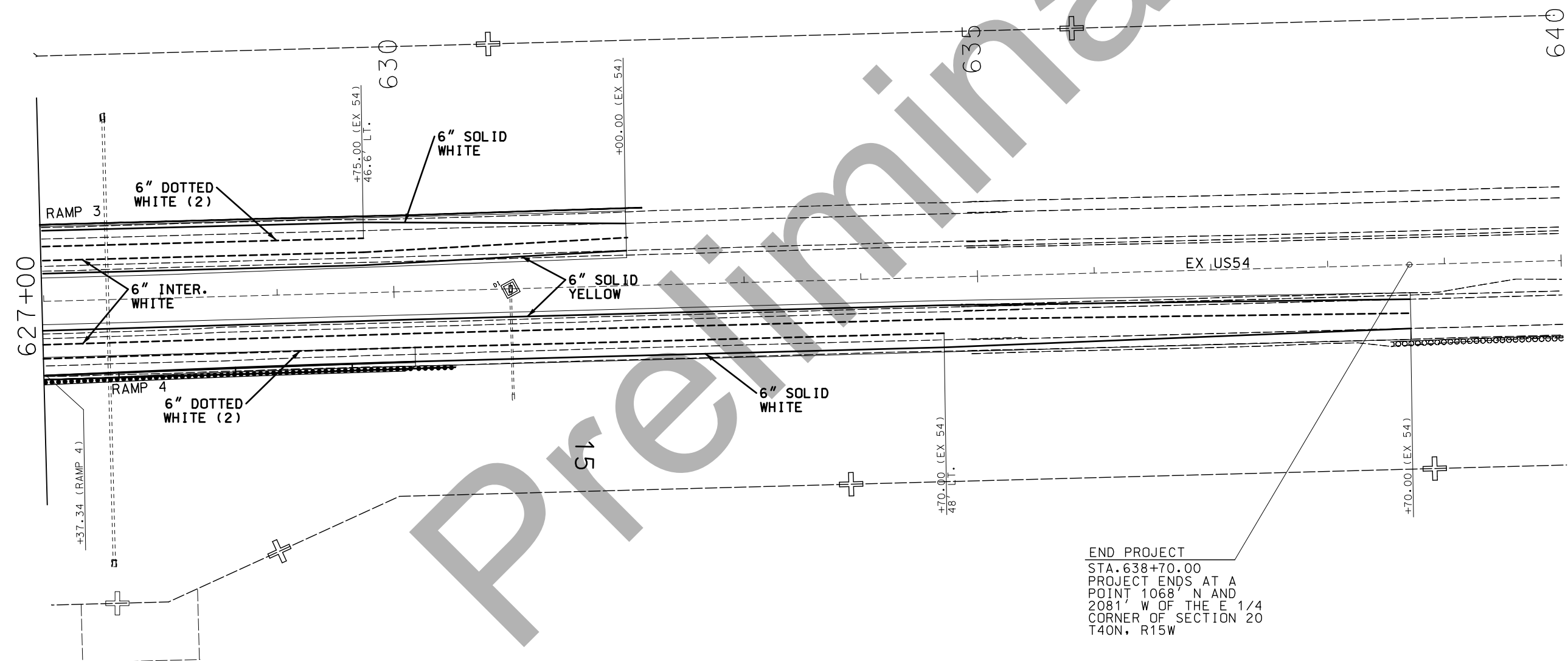
PROJECT NO.

BRIDGE NO.

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COMMISSION

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

REV.



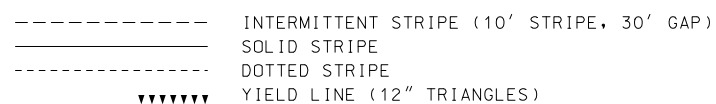
-----	INTERMITTENT STRIPE (10' STRIPE, 30' GAP)
=====	SOLID STRIPE
-----	DOTTED STRIPE
▼▼▼▼▼	YIELD LINE (12" TRIANGLES)

US 54

PAVEMENT MARKING SHEET
SHEET 4 OF 6

(1) DOTTED PAVEMENT MARKING WITHIN ROUNDABOUT - 2' STRIPE WITH 4' GAP.
(2) DOTTED PAVEMENT MARKING USED AS LANE LINE - 3' STRIPE WITH 9' GAP.

SEE SHEET 3 OF PAVEMENT MARKING SHEETS FOR
RAISED MEDIAN BARRIER DETAILS.



WILMORE LN.
CONNECTOR & RB1

PAVEMENT MARKING SHEET
SHEET 5 OF 6

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

MISSOURI HIGHWAYS AUTHORITY
COMMISSIONER

MoDOT

JEFFERSON

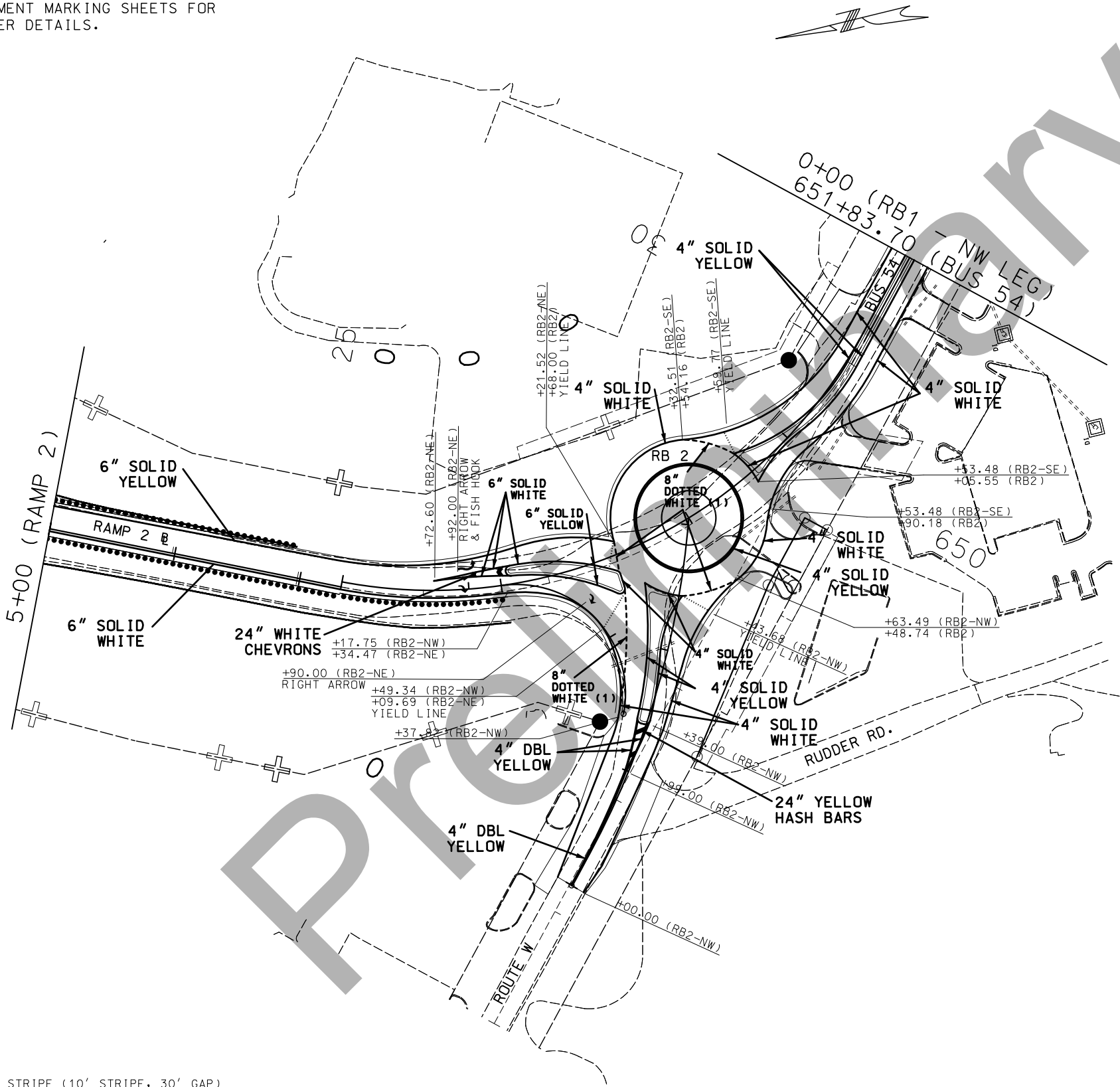
1-888-ASK-MO

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

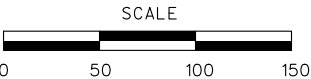
- NOTES:
- (1) DOTTED PAVEMENT MARKING WITHIN ROUNDABOUT - 2' STRIPE WITH 4' GAP.
 - (2) DOTTED PAVEMENT MARKING USED AS LANE LINE - 3' STRIPE WITH 9' GAP.

GENERAL NOTES:
SEE SHEET 3 OF PAVEMENT MARKING SHEETS FOR
RAISED MEDIAN BARRIER DETAILS.



STRIPING LEGEND

- INTERMITTENT STRIPE (10' STRIPE, 30' GAP)
- SOLID STRIPE
- DOTTED STRIPE
- ▲▲▲▲▲ YIELD LINE (12" TRIANGLES)



RAMP 2 & RB2

PAVEMENT MARKING SHEET
SHEET 6 OF 6

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED 1/8/2019	
ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. X
COUNTY MILLER	
JOB NO. J5P3181	
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.

SPEED LIMIT 70

R2-1
103

595

(D)

GUARDRAIL (U.I.P.) (R)

+20.00
64.00

+20.00
24.00

US 54 SURVEY C

+75.00
24.00

+75.00
64.00

(XX)

SIGN (D.N.D.)

(C)

SPEED LIMIT 65
(U.I.P.)

BEGIN PROJECT
STA. 596+20.00
INTERCHANGE BEGINS AT
A POINT 922' N AND 1621' W
OF THE SW CORNER OF THE
SW ¼ OF THE SE ¼ SECTION 18

Bagnell Dam Lake Ozark
E1-1
(USE EXISTING POST)

ROUTE

ROUT

E

AD GNS

Stop Sign

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.

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
1/10/2019

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. X

COUNTY
MILLER

JOB NO.
J5P3181

CONTRACT ID.

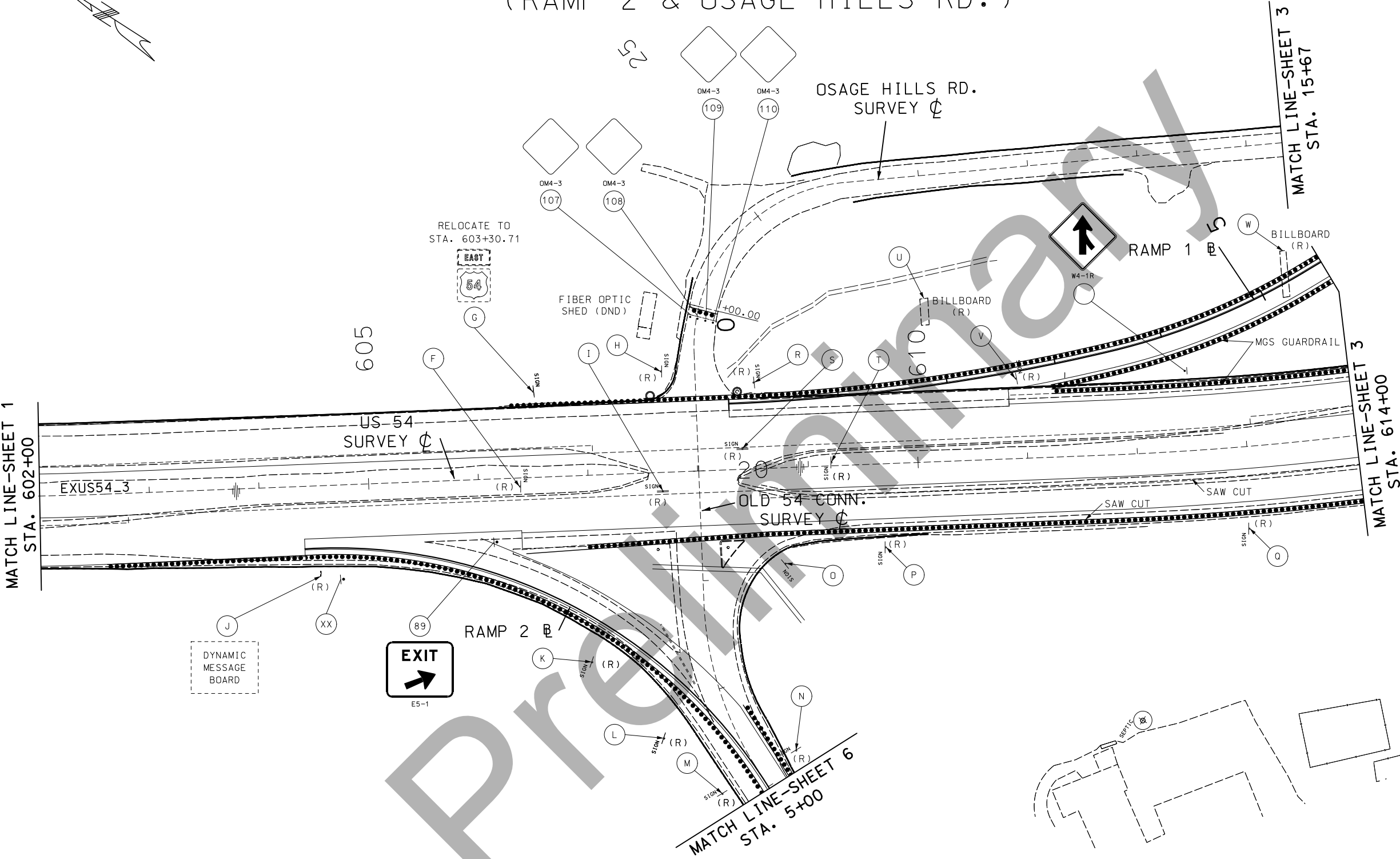
PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

U.S. ROUTE 54 / MILLER COUNTY
(RAMP 2 & OSAGE HILLS RD.)



"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED 1/10/2019	
ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. X
COUNTY MILLER	
JOB NO. J5P3181	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

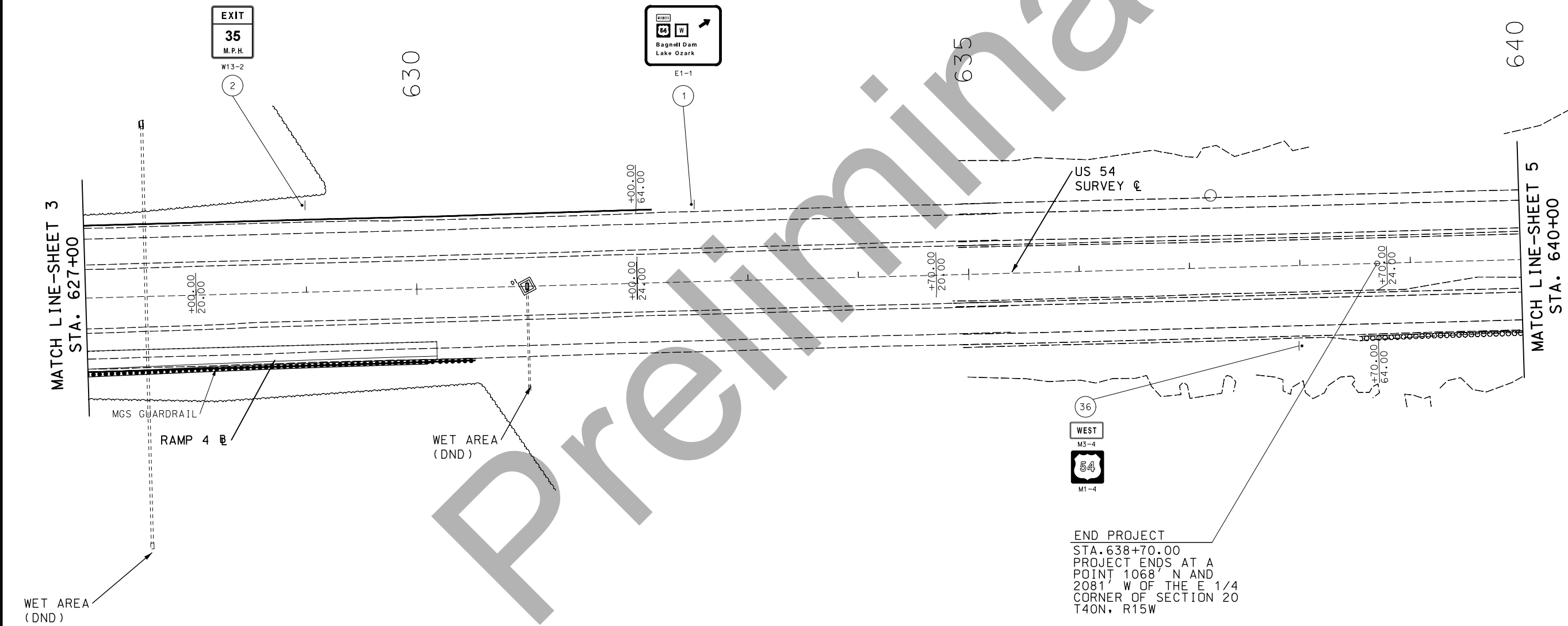
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNING SHEET
SHEET 2 OF 7

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

U.S. ROUTE 54 / MILLER COUNTY
(END OF PROJECT)



END PROJECT
STA. 638+70.00
PROJECT ENDS AT A
POINT 1068' N AND
2081' W OF THE E 1/4
CORNER OF SECTION 20
T40N, R15W

SIGNING SHEET
SHEET 4 OF 7

"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

DATE PREPARED
1/10/2019

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. X

COUNTY
MILLER
JOB NO.
J5P3181
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

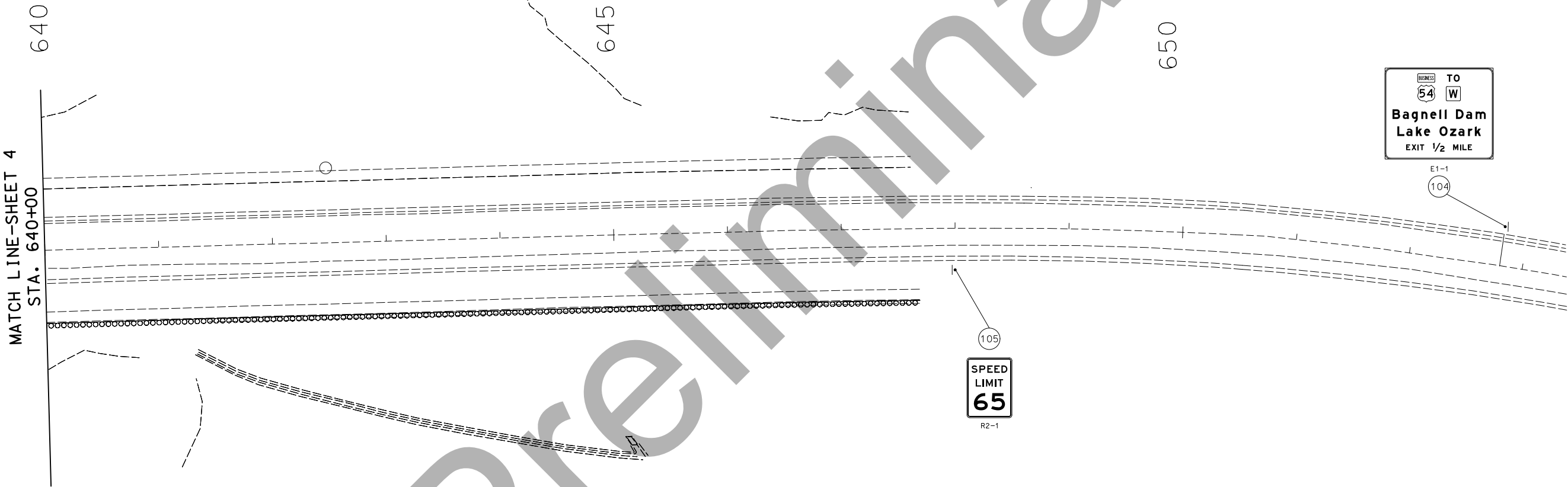
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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.

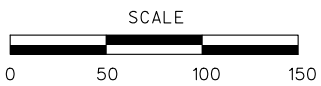
U.S. ROUTE 54 / MILLER COUNTY



SIGNING SHEET
SHEET 5 OF 7

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."	
DATE PREPARED 1/10/2019	
ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. X
COUNTY MILLER	
JOB NO. J5P3181	
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)	

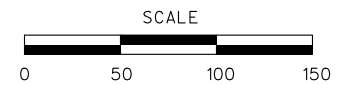
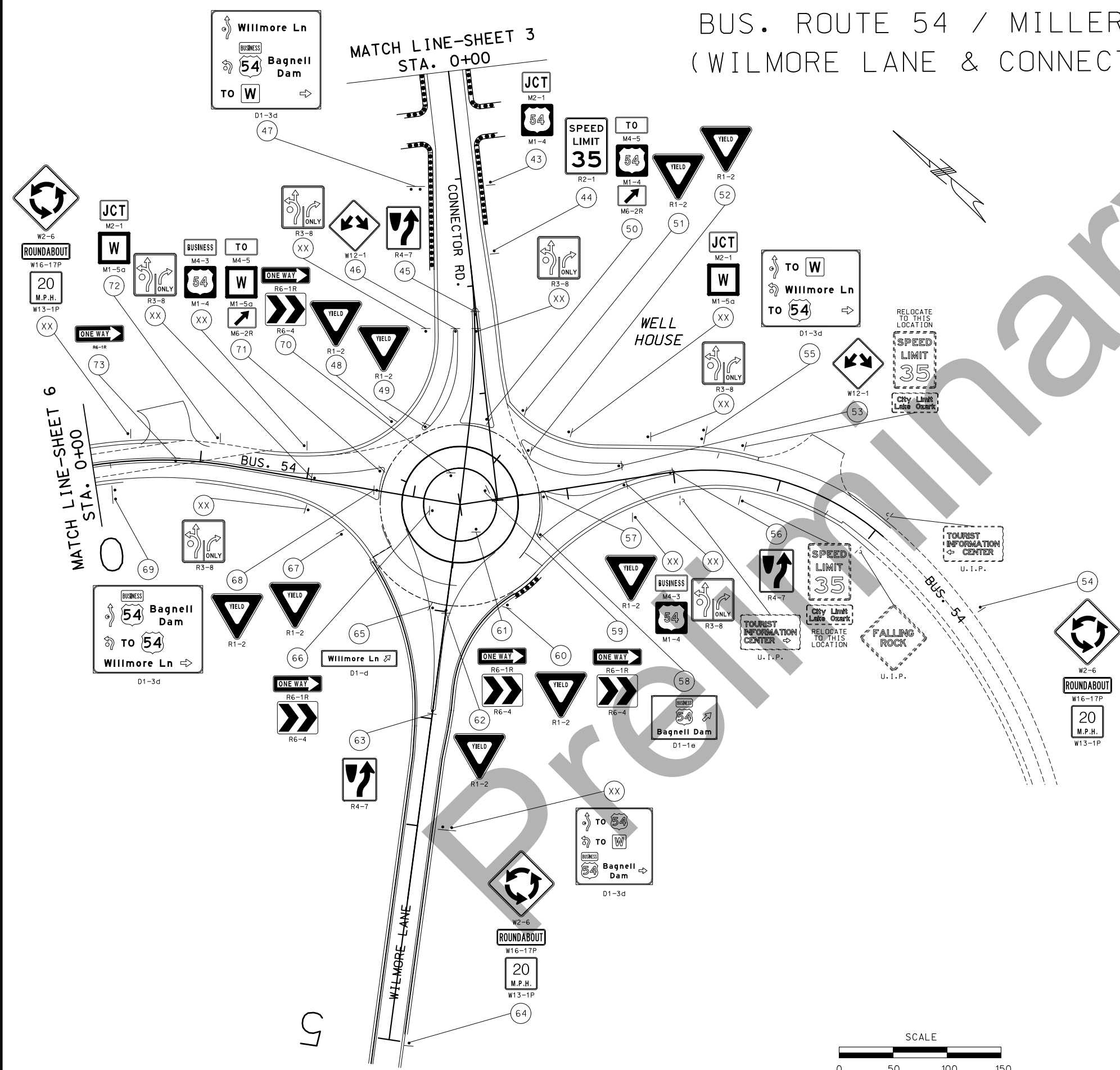
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED. REV.



"THIS MEDIA SHOULD
NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

REV. 11/10

BUS. ROUTE 54 / MILLER COUNTY
(WILMORE LANE & CONNECTOR RD.)



SIGNING SHEET
SHEET 7 OF 7

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."	
DATE PREPARED 1/10/2019	
ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. X
COUNTY MILLER	
JOB NO. J5P3181	
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)		TAPER LENGTH (FT)		OPTIONAL	CHANNELIZER SPACING (FT)	
PERMANENT POSTED (MPH)	UNDIVIDED (S)(3)(4)	DIVIDED (S)(3)(4)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0 - 35	200	200	70	245	280	35	40
40 - 45	350	500	150	540	400	40	80
50 - 55	500	1000	185	660	560	50	80
60 - 70	1000	SA - 1000 SB - 1500 SC - 2640	235	840	840	60	120

TAPER LENGTH AND END TREATMENTS FOR CONCRETE BARRIER				
PERMANENT POSTED (MPH)	MINIMUM LANE TAPER LENGTH (FT) (5)			END TREATMENT (6)
	10	11	12	
< 40	160	168	176	BARRIER HEIGHT TRANSITION
> 40	160	168	176	APPROVED CRASH CUSHION

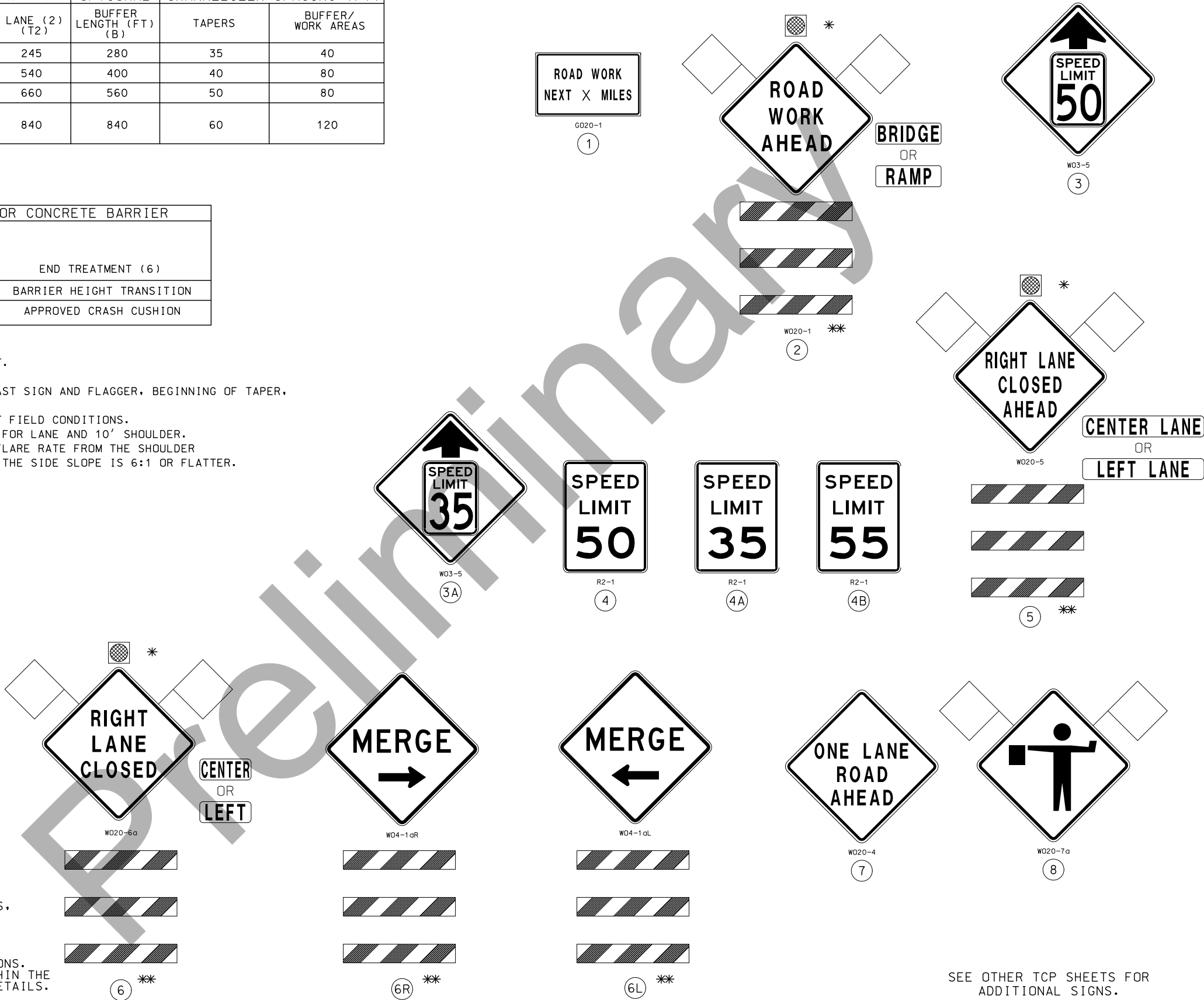
- (1) SHOULDER TAPER LENGTH BASED ON 10 FT. OFFSET.
(2) LANE TAPER LENGTH BASED ON 12 FT. OFFSET.
(3) SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OF SIGNED CONDITION.
(4) SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
(5) TAPER LENGTHS SHOWN INCLUDE LENGTH REQUIRED FOR LANE AND 10' SHOULDER.
(6) CONCRETE BARRIER MAY BE INSTALLED AT A 8:1 FLARE RATE FROM THE SHOULDER POINT TO THE LIMITS OF THE CLEAR ZONE WHERE THE SIDE SLOPE IS 6:1 OR FLATTER.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ◄◄ SIGN (DOUBLE SIDED)
- ◄ FLAGGER
- ▲ SEQUENTIAL FLASHING WARNING LIGHT W/ DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER
- ◆ TUBULAR MARKER
- ⌈ BARRICADE
- ◄ CHANGEABLE MESSAGE BOARD
- ◄ FLASHING ARROW BOARD
- ⊠ TRUCK MOUNTED ATTENUATOR
- REVOLVING WARNING LIGHT
- ◼ TYPE B WARNING LIGHT
- TRAFFIC BARRIER
- ◄◄◄ CRASH CUSHION
- TEMPORARY RAISED PAVEMENT MARKER

* WARNING LIGHTS ONLY USED ON POST MOUNTED SIGNS. NO WARNING LIGHTS ON APPLICATIONS USING PORTABLE MOUNTED SIGNS.

** AWRS REQUIRED FOR LONG-TERM STATIONARY OPERATIONS. THE AWRS IS INSTALLED ON THE ACTIVE SIGNS WITHIN THE ADVANCE WARNING AREA. SEE EPG 616.6.2.2 FOR DETAILS.



SEE OTHER TCP SHEETS FOR ADDITIONAL SIGNS.

TRAFFIC CONTROL PLAN
SIGN LEGEND
SHEET 1 OF 27

NOT TO SCALE

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

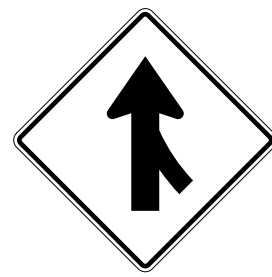
DATE PREPARED
1/8/2019
ROUTE 54 STATE MO
DISTRICT CD SHEET NO. XX
COUNTY MILLER
JOB NO. J5P3181
CONTRACT ID.

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)

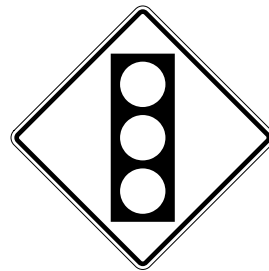
REV.



W04-1R
9



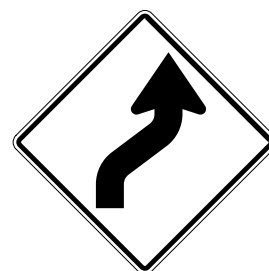
W03-4
11



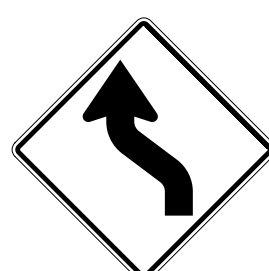
W03-3
12



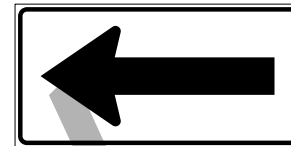
R1-2
13



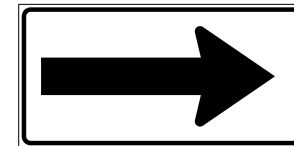
W01-4R
15R



W01-4L
15L



W01-6a
16L



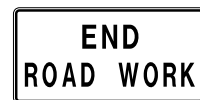
W01-6a
16R



W021-5
21



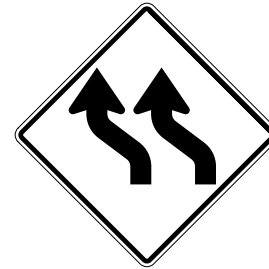
R2-1
25



G020-2
26



R11-2
29



W01-4bL
32L



W01-4bR
32R



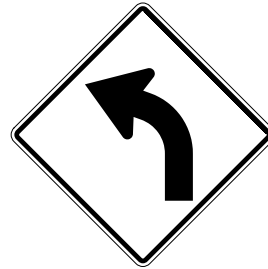
W05-5
34



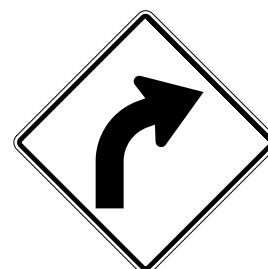
W08-12
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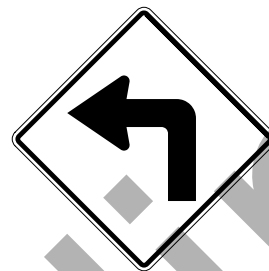
W08-11
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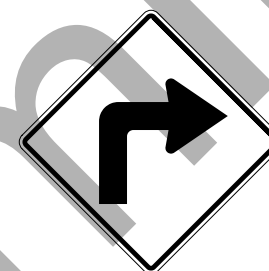
W01-2L
37L



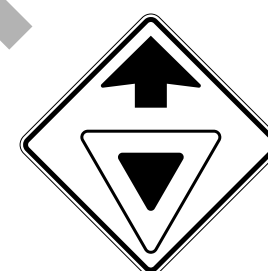
W01-2R
37R



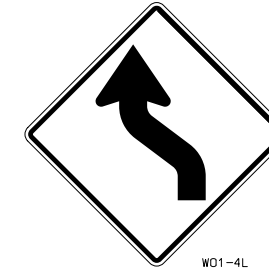
W01-1L
38L



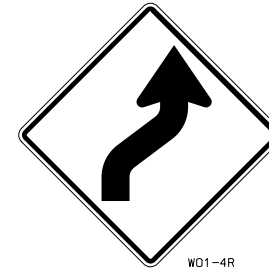
W01-1R
38R



W03-2
40



W01-4L



W01-4R



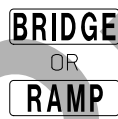
R1-1
41



R1-3
41A



W05-1
43



W013-1
44



W07-3a
44a 44b

44A - 1 MILE
44B - 1/2 MILE



W013-1
45



R4-1
46



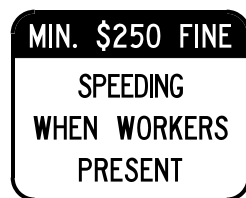
W013-1



W013-1



E05-1
49



CONST-3A
53



CONST-3X
53A



G020-5aP
54



R5-1
55



R5-1a
56



G020-4
58

SIGN 58. SHALL BE PLACED AT ALL SIDE ROADS WHEN IN USE DURING OPERATION.

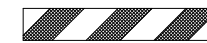


SPECIAL
60

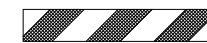
SIGN 60. TO BE USED IN PRIVATE DRIVEWAYS TO ENHANCE WORK ZONE SIGNING. SEE SPECIAL PROVISIONS.



57L



57R



TRAFFIC CONTROL PLAN
SIGN LEGEND
SHEET 2 OF 27

NOT TO SCALE

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
1/8/2019

ROUTE STATE
DISTRICT SHEET NO.
MO

COUNTY

JOB NO.

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITAL
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.

BEGIN/END OF PROJECT SIGNING

GENERAL NOTES:

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

OTHER SIGNS SUCH AS DETOUR OR ALTERNATE ROUTE SIGNING MAY BE USED OUTSIDE THE PROJECT LIMITS.

ROAD WORK
NEXT X MILES

G020-1

(1)

END
ROAD WORK

G020-2

(26)

WORK ZONE
NO PHONE
ZONE

SPECIAL

(33)(3)

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.

Safety
Improvements
Fall 2021

(4)

BEGINNING OF PROJECT LIMITS;
OR INITIAL WORK ZONE SIGN, IF
LOCATED OUTSIDE PROJECT LIMITS.

NOTES:

- (1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.
- (2) SIGN CONST-7-72 IS PLACED 500 FEET BEFORE THE BEGINNING OF PROJECT LIMITS OR THE ROAD WORK AHEAD SIGN OR ROAD WORK NEXT XX MILES SIGN, IF USED, WHEN THESE SIGNS ARE LOCATED OUTSIDE THE PROJECT LIMITS.
- (3) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.
- (4) SIGN CONST-5-96 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.

ALL SIGNS ON THIS SHEET ARE CONSIDERED PERMANENT FOR THE DURATION OF THE PROJECT.

CHANGABLE MESSAGE SIGNS TO BE LOCATED AS APPROVED BY THE ENGINEER.

1000'
(1)

1000'
(1)



--US 54 EB OR WB--

(1)
500'

(33)

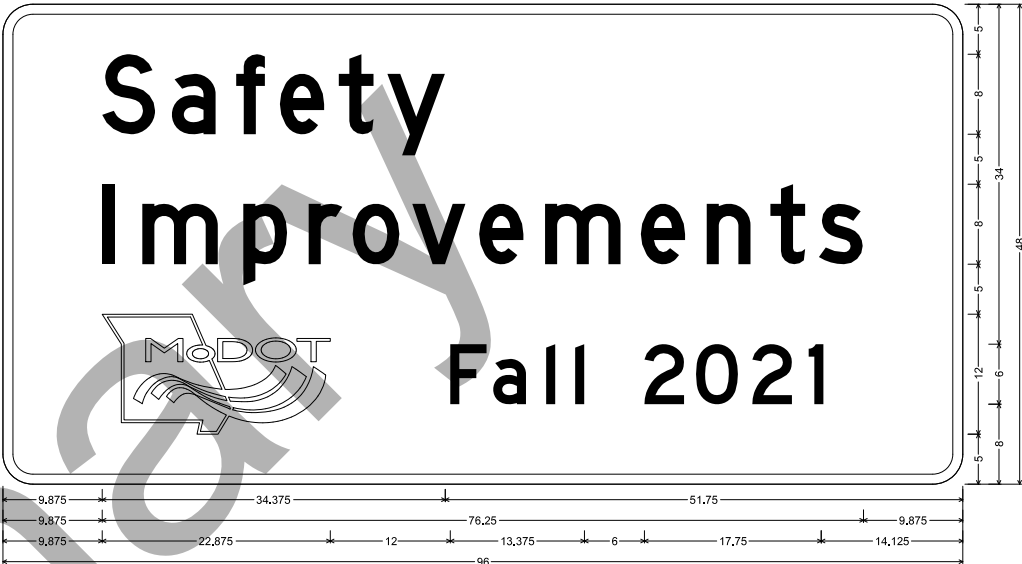
(1)
500'

(1)
500'

(33)

(1)
500'

(1)
500'



CONST-5-96 SH-FLAT SHEET; 3,000" Radius, 1,000" Border, White on Blue;

[Safety] D; [Improvements] D; [Fall 2021] D;

Table of letter and object lefts.

S	a	f	e	t	y
9,875	16,875	23,375	27,750	33,625	38,500
I	m	p	r	o	v
9,875	14,000	24,000	30,625	35,000	41,000
F	a	i	l	2	o
9,875	44,750	49,000	54,375	57,250	64,125
				69,375	75,000
					77,750

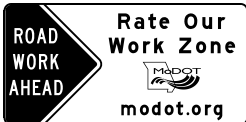
Completed as Promised

CONST-5P-60 SH-FLAT SHEET FLUORESCENT; 1,500" Radius, No border, Yellow;

[Completed as Promised] Black D 65% spacing;

Table of letter and object lefts.

C	o	m	p	i	e	t	e	d	a	s
1,500	4,875	7,875	12,375	15,375	16,625	19,375	21,500	24,250	29,000	31,875
P	r	o	m	i	s	e	d			
36,625	39,875	41,875	44,875	49,500	50,750	53,500	56,250			



CONST-7-72 (2)

NOT TO SCALE

TRAFFIC CONTROL PLAN
BEGIN & END PROJECT SIGNING
SHEET 3 OF 27

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A CERTIFIED
DOCUMENT."

DATE PREPARED

1/8/2019

ROUTE STATE

54 MO

DISTRICT SHEET NO.

CD XX

COUNTY

MILLER

JOB NO.

J5P3181

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

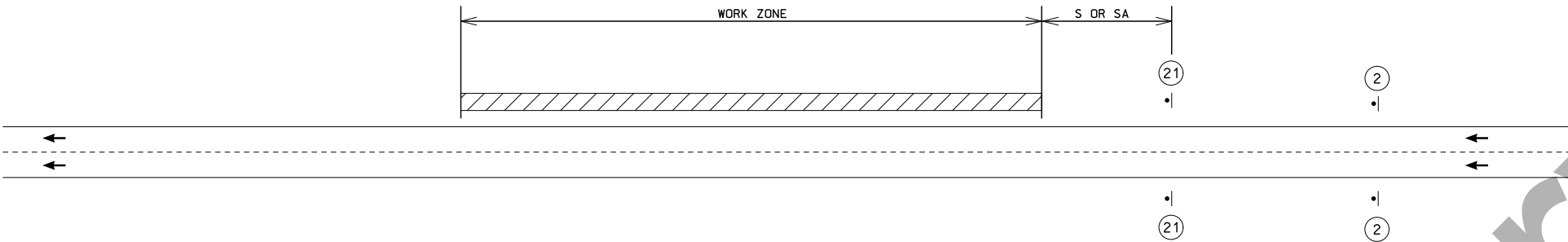


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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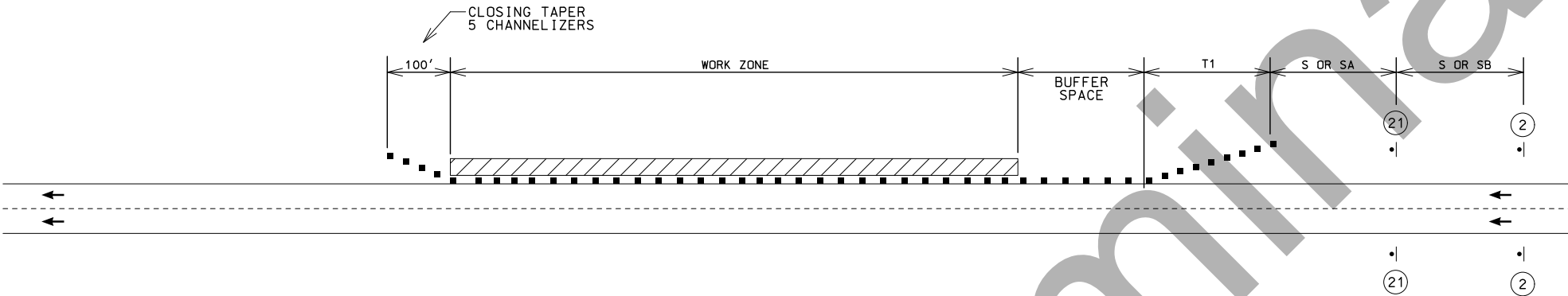
REV.

TA-1 WORK BEYOND SHOULDER ON DIVIDED AND UNDIVIDED HIGHWAYS



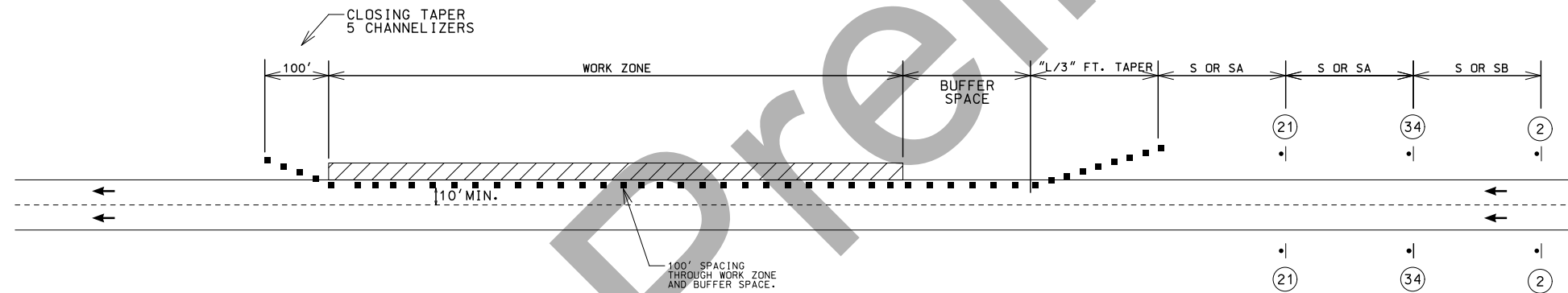
NOTES:
ONLY APPLICABLE WHEN WORK IS WITHIN THE CLEAR ZONE.
ON MULTI-LANE, DIVIDED HIGHWAYS, SIGNS ADVISING OF SHOULDER WORK OR THE CONDITION OF THE SHOULDER SHOULD BE PLACED ONLY ON THE SIDE OF THE AFFECTED SHOULDER.

TA-3 WORK ON THE SHOULDER ON DIVIDED AND UNDIVIDED HIGHWAYS



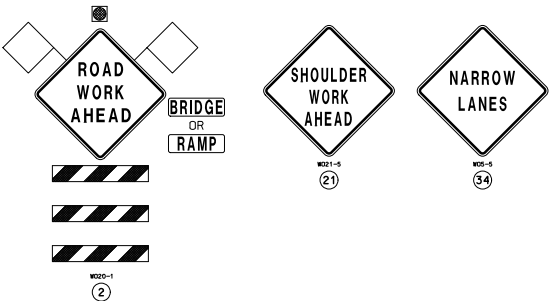
NOTES:
PROVIDE SIGNS ON LEFT AND RIGHT OF DIVIDED HIGHWAYS.
ROAD WORK AHEAD SIGN NOT NEEDED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER ROAD WORK AHEAD SIGN IS ALREADY USED.

TA-6 SHOULDER WORK WITH MINOR ENCROACHMENT ON DIVIDED AND UNDIVIDED HIGHWAYS



NOTES:
PROVIDE SIGNS ON LEFT AND RIGHT OF DIVIDED HIGHWAYS.
ROAD WORK AHEAD SIGN NOT NEEDED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER ROAD WORK AHEAD SIGN IS ALREADY USED.
FOR USE OF TRAFFIC BARRIER – SEE EPG 616.8.5 (TA-5) SHOULDER WORK ON DIVIDED AND UNDIVIDED HIGHWAYS REDUCED LANE WIDTHS.

NOTES:
ANY EXISTING SIGN THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
ALL SPACING OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
FINAL PLACEMENT OF SIGNS SHALL BE AS APPROVED BY THE ENGINEER.
LAYOUT SHOWN IS TYPICAL FOR EITHER LANE.
ADDITIONAL SIGN 2 (WITHOUT ADVANCE WARNING RAIL SYSTEM) TO BE PLACED ON ANY CONNECTING CITY STREET, COUNTY ROAD, OR STATE HIGHWAY.
SEE TRAFFIC CONTROL SHEETS 1 AND 2 FOR SIGN AND DEVICE SPACING.
SEE EPG 616.8.1, 616.8.3, AND 616.8.6 FOR DETAILS AND ADDITIONAL INFORMATION.



NOT TO SCALE

TRAFFIC CONTROL PLAN
SHOULDER WORK
SHEET 4 OF 27

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
1/8/2019

ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. XX

COUNTY
MILLER

JOB NO.
J5P3181

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

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REV.

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DATE PREPARED 1/8/2019	
ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. XX
COUNTY MILLER	
JOB NO. J5P3181	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

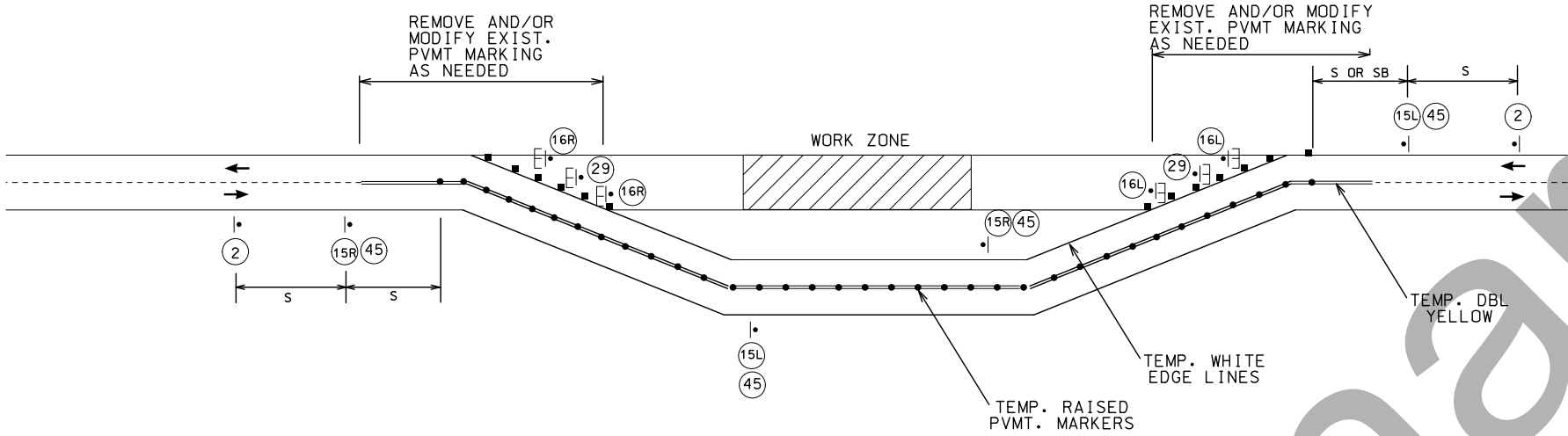
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



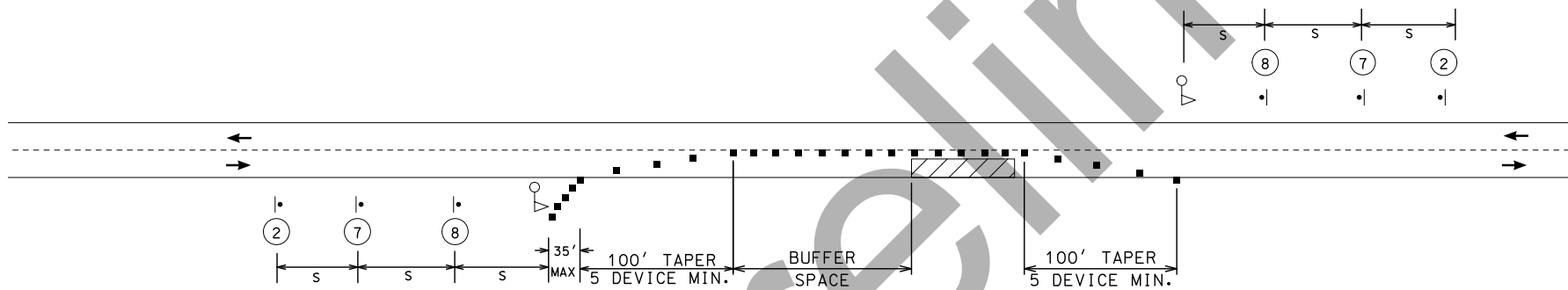
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TA-7 ROAD CLOSURE WITH A DIVERSION



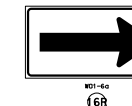
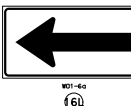
NOTES:
TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.
SEE STANDARD PLAN 616.10 FOR SIGNING AND BARRICADE REQUIREMENTS.

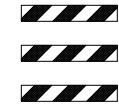
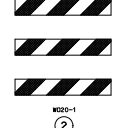
TA-10 LANE CLOSURE ON TWO-LANE ROAD USING FLAGGERS



NOTES:
IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.
IF USED AT NIGHT, THE FLAGGER STATIONS SHALL BE ILLUMINATED WITH AN AVERAGE MAINTAINED INTENSITY OF 0.6 FOOTCANDLES (6.5 LUX).

NOTES:
ANY EXISTING SIGN THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
ALL SPACING OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
FINAL PLACEMENT OF SIGNS SHALL BE AS APPROVED BY THE ENGINEER.
LAYOUT SHOWN IS TYPICAL FOR EITHER LANE.
ADDITIONAL SIGN 2 (WITHOUT ADVANCE WARNING RAIL SYSTEM) TO BE PLACED ON ANY CONNECTING CITY STREET, COUNTY ROAD, OR STATE HIGHWAY.
SEE TRAFFIC CONTROL SHEETS 1 AND 2 FOR SIGN AND DEVICE SPACING.
SEE EPG 616.8.7 AND 616.8.10 FOR DETAILS AND ADDITIONAL INFORMATION.





NOT TO SCALE

TRAFFIC CONTROL PLAN

ROAD & LANE CLOSURES

SHEET 5 OF 27

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TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

NOTES:

AN ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED. WHEN MORE THAN ONE FREEWAY LANE IS CLOSED, A SEPERATE ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.

NOTES:

TEMPORARY TRAFFIC BARRIERS, IF USED, SHALL COMPLY WITH THE PROVISIONS IN EPG 616.6.85 TEMPORARY TRAFFIC BARRIERS.

TRAFFIC CONTROL PLAN
LANE CLOSURES
SHEET 6 OF 27

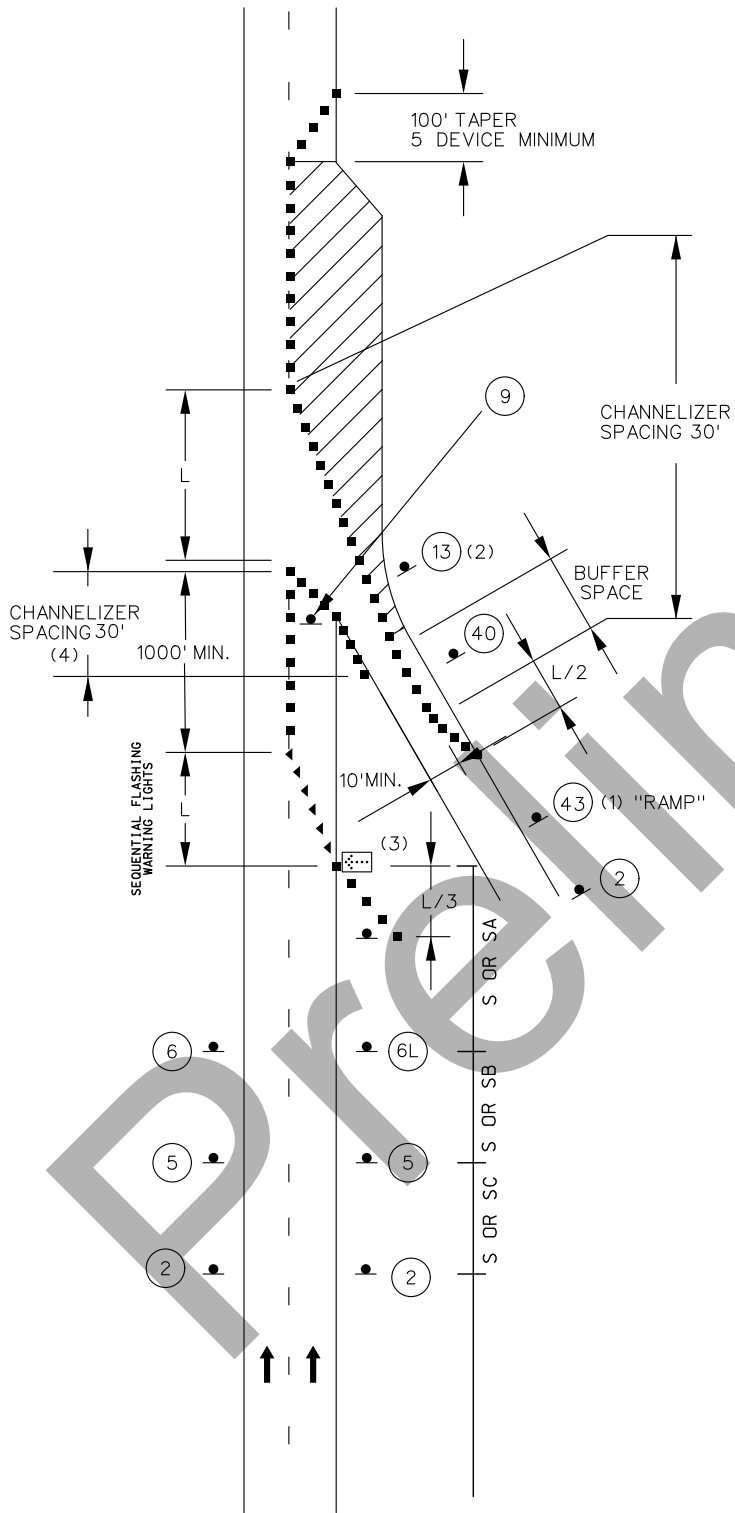
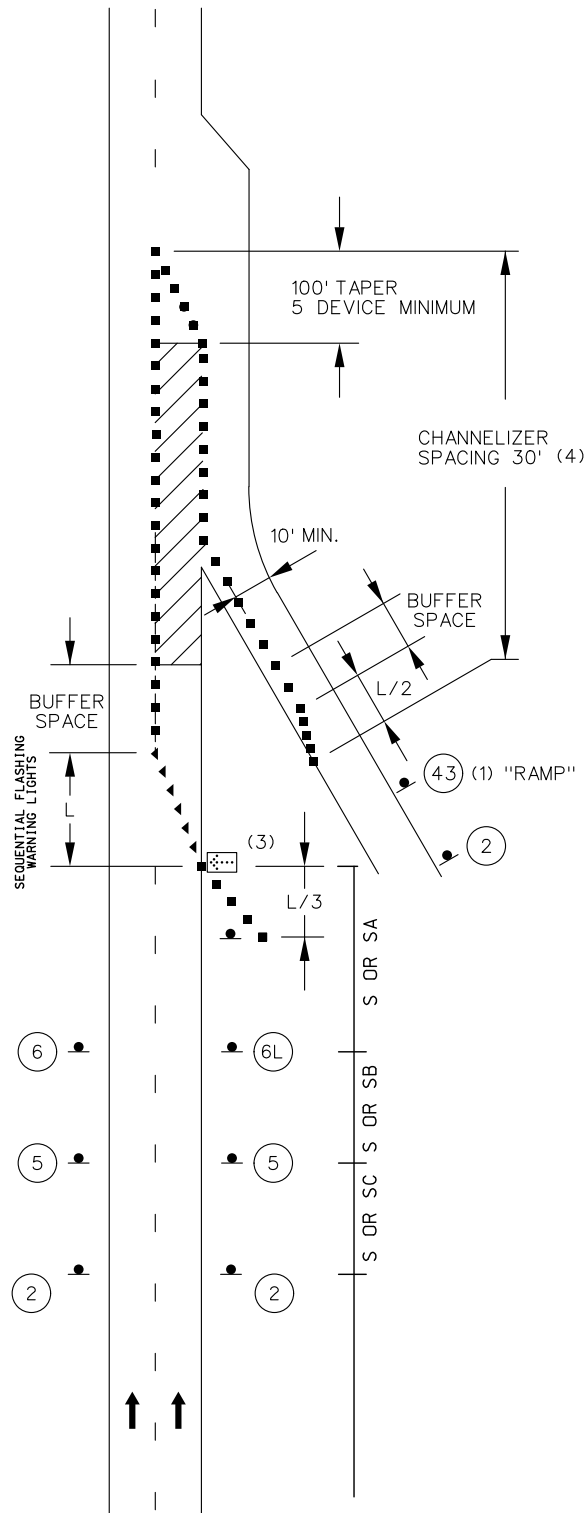
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

100 WEST CAPITOL
JEFFERSON CITY, MO 65102
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THE UNIVERSITY OF CHICAGO

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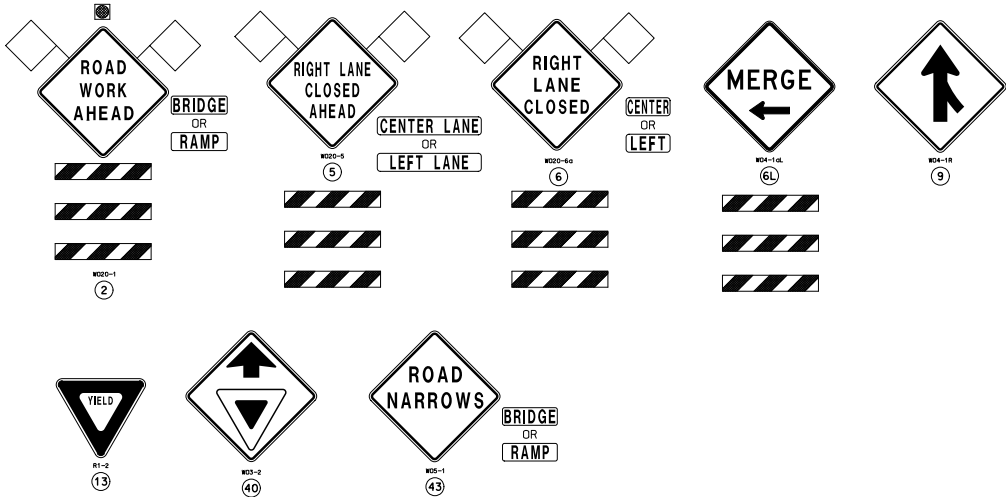
TA-44 WORK IN THE VICINITY OF AN ENTRANCE RAMP



- NOTES:
- FOR WORK ZONES WHERE WORK IS OVERNIGHT SEQUENTIAL FLASHING WARNING LIGHTS MUST BE USED.
 - REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.
 - TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
 - FOR RAMP WITH SHARP CURVES OR MULTIPLE LANES, RAMP SIGNS MAY BE PLACED ON BOTH SIDES OF THE RAMP.
 - SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.
 - (1) SIGN (43) REQUIRED WHEN RAMP WIDTH IS REDUCED.
 - (2) SIGN (13) SHOULD BE PLACED ON THE RAMP TO PROVIDE ADEQUATE VISIBILITY OF MAINLINE TRAFFIC.
 - (3) 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.
 - (4) FOR WORK ZONES WHERE DEVICES ARE IN PLACE OVERNIGHT, USE TRIM-LINE CHANNELIZERS.

SEE 616.8.44 FOR MORE DETAILS AND INFORMATION.

- NOTES:
- ANY EXISTING SIGN THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
 - ALL SPACING OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
 - FINAL PLACEMENT OF SIGNS SHALL BE AS APPROVED BY THE ENGINEER.
 - SEE TRAFFIC CONTROL SHEETS 1 AND 2 FOR SIGN AND DEVICE SPACING.



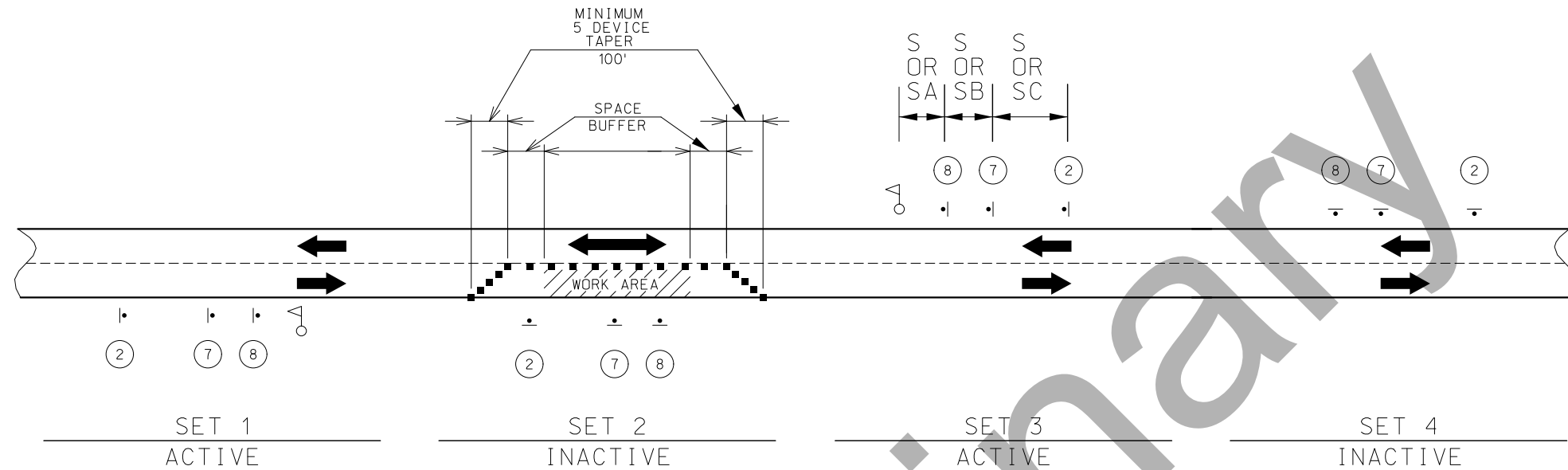
NOT TO SCALE

TRAFFIC CONTROL PLAN
ENTRANCE RAMP
SHEET 8 OF 27

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DISTRICT CD	SHEET NO. X
COUNTY MILLER	
JOB NO. J5P3181	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DESCRIPTION	
DATE	
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TA-10D FLAGGER CONTROL RESURFACING OR MOVING OPERATION ON
ONE-LANE TWO-WAY OPERATION



SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE ONCOMING TRAFFIC).

SIGN SETS 2 AND 4 ARE INACTIVE (I.E., SIGNS DO NOT FACE EITHER DIRECTION OF TRAFFIC) WHEN THE RESURFACING OPERATION IS LOCATED BETWEEN SIGN SETS 1 AND 3.

WHEN SIGN SETS 2 AND 4 ARE ACTIVE, SIGN SETS 1 AND 3 BECOME INCATIVE AND ARE ADVANCED TO BECOME SETS 2 AND 4 WITH SIGN LEGENDS TURNED AWAY FROM BOTH DIRECTIONS OF TRAFFIC. WHEN THE RESURFACING OPERATION ADVANCES TO BETWEEN SIGN SETS 2 AND 4, SIGN SETS 2 AND 4 BECOME ACTIVE (I.E. NEW SIGN SETS 1 AND 3) AND SIGN SETS 1 AND 3 ADVANCED IN THE DIRECTION OF THE OPERATION (I.E., NEW SIGN SET 2 AND 4).

* SHALL BE IN CONTRACTOR'S RESPONSIBILITY WHEN IN USE DURING OPERATION.



NOTES:

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

ALL SPACING OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

FINAL PLACEMENT OF SIGNS SHALL BE AS APPROVED BY THE ENGINEER.

WORK ZONE SIGNS AND DEVICES ARE SET-UP ACCORDING TO TYPICAL APPLICATION 616.8.10 (TA-10) LANE CLOSURE ON TWO-LANE HIGHWAYS USING FLAGGERS.

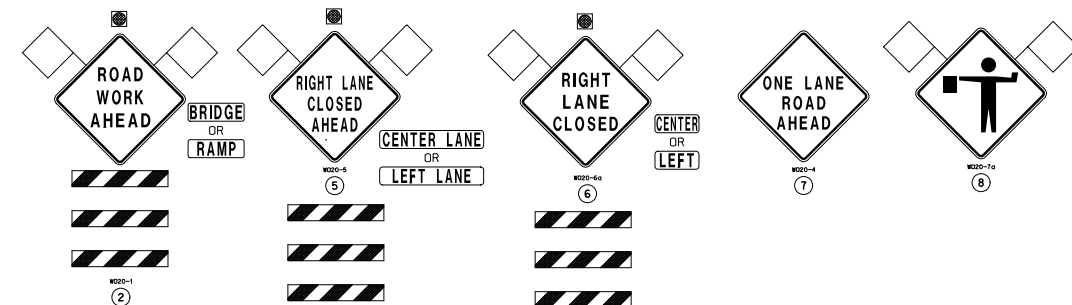
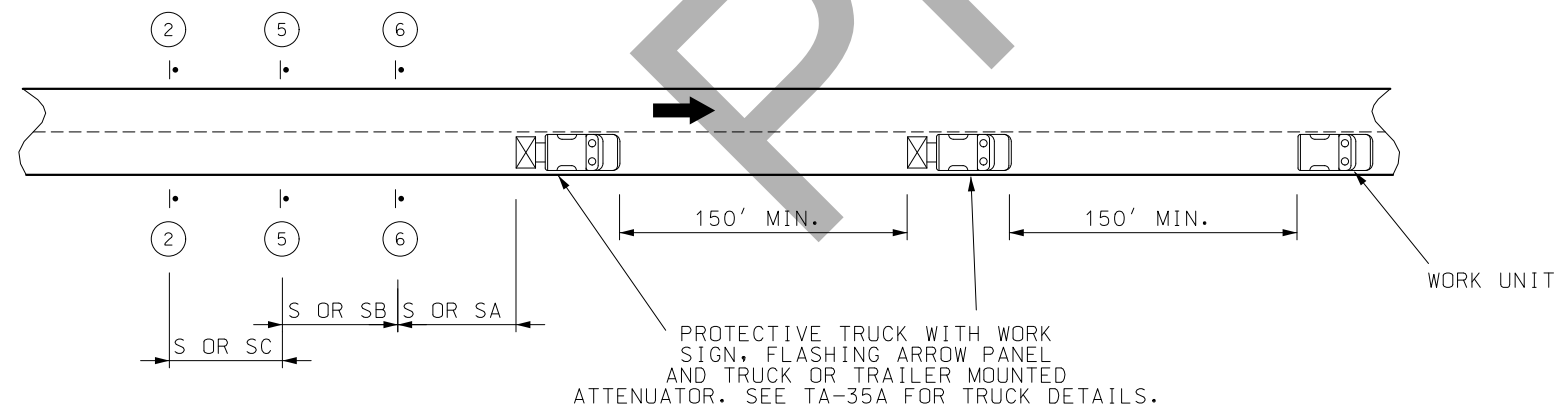
DAYLIGHT FLAGGING OPERATIONS ONLY.

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 THE SIGN W020-7A WHICH IS SUBIDIARY TO THE SIGN.

SEE TRAFFIC CONTROL SHEETS 1 AND 2 FOR SIGN AND DEVICE SPACING.

TA-35 MOBILE OPERATION ON DIVIDED OR MULTI-LANE HIGHWAYS



TRAFFIC CONTROL PLAN
RESURFACING OR MOVING OPERATION
SHEET 9 OF 27

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54	MO
DISTRICT CD	SHEET NO. X

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MILLER

JOB NO.
J5P3181

CONTRACT ID.

PROJECT NO.	1
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BRIDGE NO.

COMMISSION



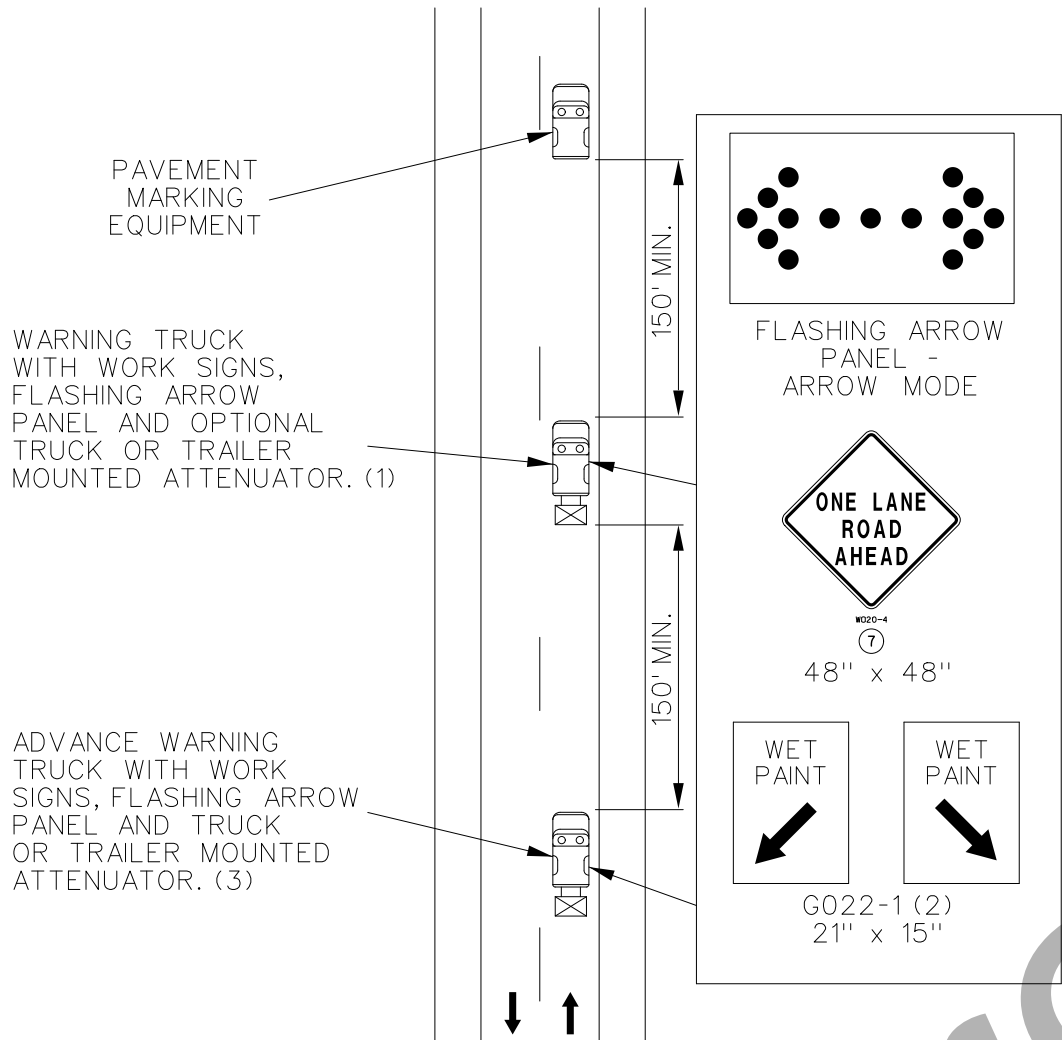
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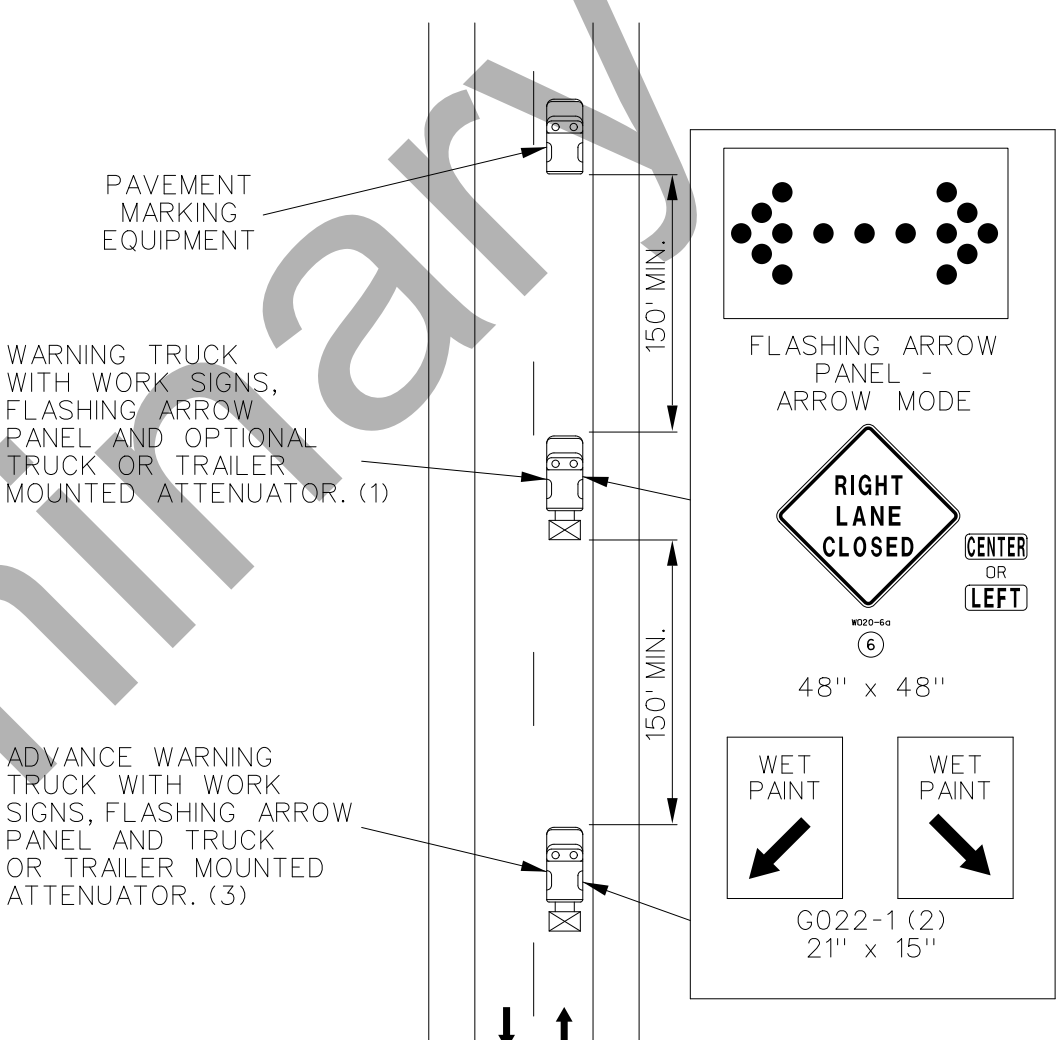
CENTER LINE / EDGE LINE STRIPING ON TWO-LANE HIGHWAYS

TA-17A CENTER LINE AND/OR LANE LINE STRIPING
ON TWO-LANE HIGHWAYS



- (1) TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD IS MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.
- (2) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.
- (3) ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN, WHICHEVER IS GREATER.

TA-35A CENTER LINE AND/OR LANE LINE STRIPING
ON MULTI-LANE, UNDIVIDED HIGHWAYS



- UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCKS EQUIPPED WITH PROPER WARNING DEVICES.
- PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.
- VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.
- AN FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED.
- SEE 616.8.17A (TA-17A) AND 616.8.35A (TA-35A) FOR MORE DETAILS AND INFORMATION.

NOT TO SCALE

TRAFFIC CONTROL PLAN
EDGE LINE STRIPING OPERATION
SHEET 11 OF 27

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54 MO

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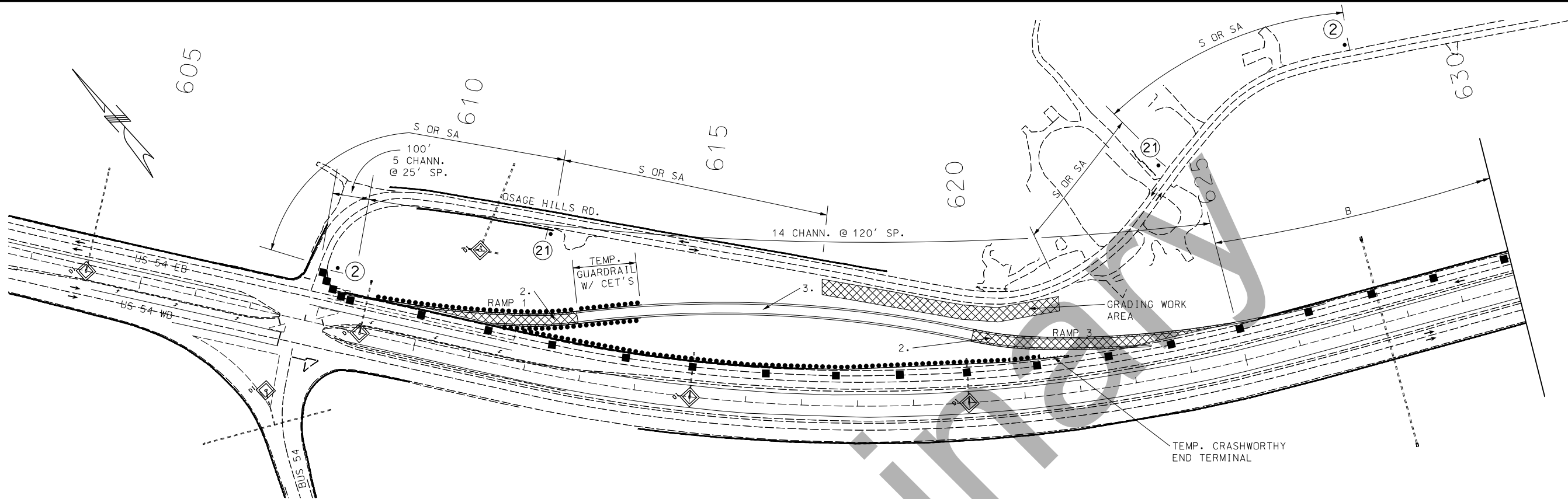
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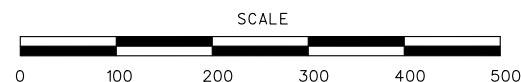
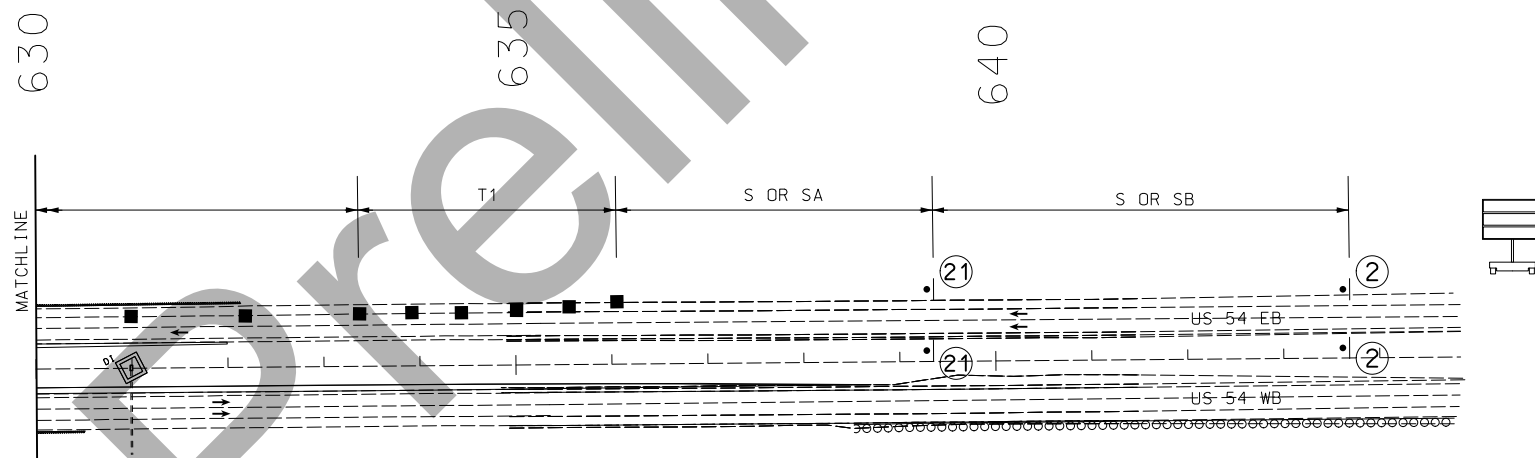
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- NOTES:
- (1) EXISTING SIGNS WITHIN THE WORKZONE SHALL BE COVERED IF CONFLICTING WITH TEMPORARY TRAFFIC CONTROL.
 - (2) LANE USE ARROWS FOR ILLUSTRATION ONLY. SEE PAVEMENT MARKING PLANS FOR LANE MARKINGS.
 - (3) PROVIDE SIGNS ON LEFT AND RIGHT SIDES OF DIVIDED HIGHWAYS.
 - (4) SEE TYPICAL SECTION SHEET X FOR TEMPORARY BYPASS DETAILS.

- ORDER OF WORK
1. SET UP TRAFFIC CONTROL. SEE 616.8.1 (TA-1) WORK BEYOND THE SHOULDER ON DIVIDED AND UNDIVIDED HIGHWAYS AND 616.8.3 (TA-3) WORK ON SHOULDER ON DIVIDED & UNDIVIDED HIGHWAYS.
 2. CONSTRUCT PARTIAL RAMP 1 AND 3.
 3. CONSTRUCT TEMPORARY PAVEMENT AS SHOWN.
 4. INSTALL PERMANENT AND TEMPORARY GUARDRAIL.



TRAFFIC CONTROL FOR
PARTIAL RAMP 1 & RAMP 3
TEMPORARY BYPASS
CONSTRUCTION

SHEET 14 OF 27

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MILLER

JOB NO.
J5P3181

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PROJECT NO.

BRIDGE NO.

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DATE

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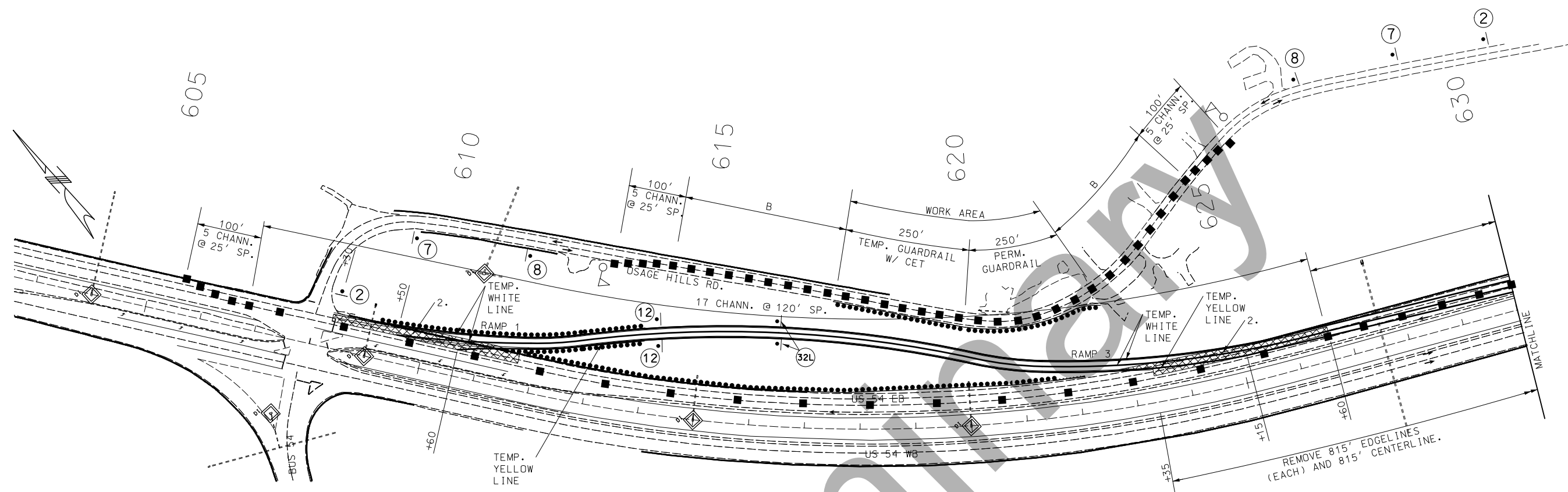


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TRAFFIC CONTROL
PARTIAL RAMP 1 & RAMP 3
TEMPORARY BYPASS
1 OF 2

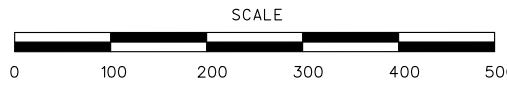
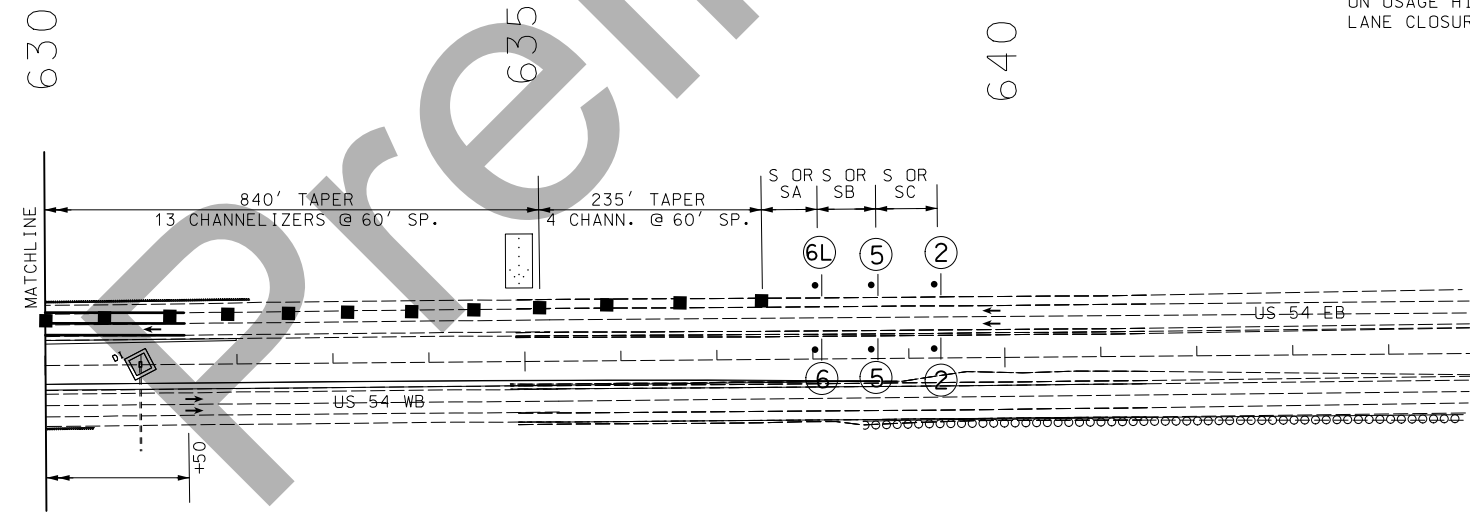
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REV.



- NOTES:
- (1) EXISTING SIGNS WITHIN THE WORKZONE SHALL BE COVERED IF CONFLICTING WITH TEMPORARY TRAFFIC CONTROL.
 - (2) PROVIDE SIGNS ON LEFT AND RIGHT SIDES OF DIVIDED HIGHWAYS.
 - (3) REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.
 - (4) AN ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED.
 - (5) REVIEW 616.6.83 WARNIGN LIGHT WHEN SEQUENTIAL OR WARNING LIGHTS SHOULD BE USED ON NIGHTTIME OPERATIONS.
 - (6) LANE USE ARROWS SHOWN FOR ILLUSTRATION ONLY. SEE PAVEMENT MARKING PLANS FOR LANE MARKINGS.

- ORDER OF WORK
1. SET UP TRAFFIC CONTROL. SEE 616.8.33 (TA-33) STATIONARY LANE CLOSURE ON A DIVIDED HIGHWAY.
 2. CONSTRUCT TIE-INS.
 3. SET UP TRAFFIC CONTROL SIGNING (ON BYPASS) AND PAVEMENT MARKING FOR TEMPORARY BYPASS. REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.
 4. INSTALL TEMPORARY AND PERMANENT GUARDRAIL ON OSAGE HILLS RD.. SEE 616.8.10 (TA-10) LANE CLOSURE ON TWO-LANE ROAD USING FLAGGERS.



TRAFFIC CONTROL FOR
PARTIAL RAMP 1 & RAMP 3
TEMPORARY BYPASS
CONSTRUCTION

SHEET 15 OF 27

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JOB NO.	
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CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

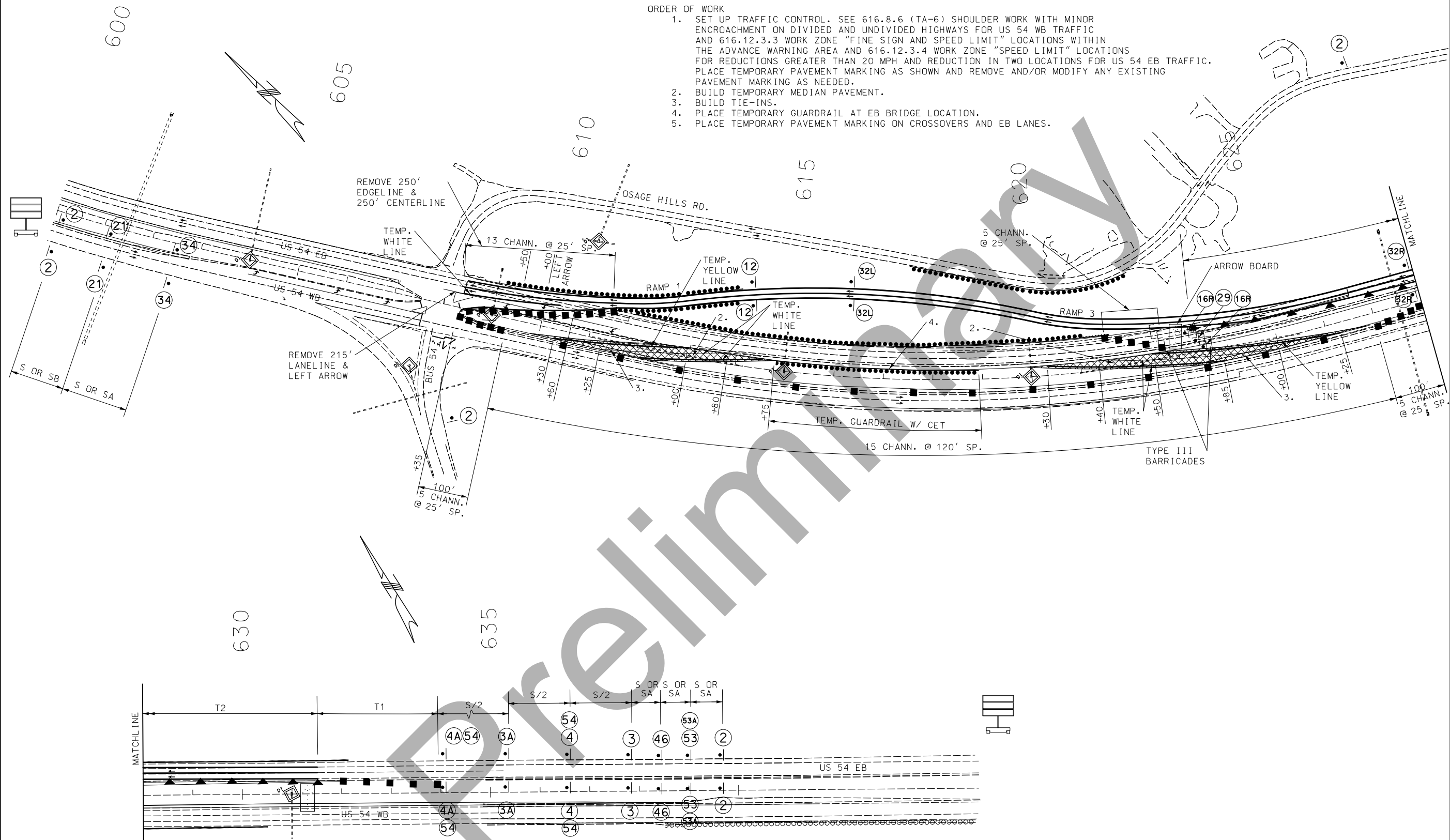
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COMMISSION



TRAFFIC CONTROL
PARTIAL RAMP 1 & RAMP 3
TEMPORARY BYPASS
2 OF 2

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- ORDER OF WORK
1. SET UP TRAFFIC CONTROL. SEE 616.8.6 (TA-6) SHOULDER WORK WITH MINOR ENCRoACHMENT ON DIVIDED AND UNDIVIDED HIGHWAYS FOR US 54 WB TRAFFIC AND 616.12.3.3 WORK ZONE "FINE SIGN AND SPEED LIMIT" LOCATIONS WITHIN THE ADVANCE WARNING AREA AND 616.12.3.4 WORK ZONE "SPEED LIMIT" LOCATIONS FOR REDUCTIONS GREATER THAN 20 MPH AND REDUCTION IN TWO LOCATIONS FOR US 54 EB TRAFFIC. PLACE TEMPORARY PAVEMENT MARKING AS SHOWN AND REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.
 2. BUILD TEMPORARY MEDIAN PAVEMENT.
 3. BUILD TIE-INS.
 4. PLACE TEMPORARY GUARDRAIL AT EB BRIDGE LOCATION.
 5. PLACE TEMPORARY PAVEMENT MARKING ON CROSSOVERS AND EB LANES.

NOTES:

- (1) EXISTING SIGNS WITHIN THE WORKZONE SHALL BE COVERED IF CONFLICTING WITH TEMPORARY TRAFFIC CONTROL.
- (2) REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.
- (3) CROSSOVER PAVEMENT WIDTH MAY BE WIDER AS NEEDED.
- (4) LANE USE ARROWS FOR ILLUSTRATION ONLY. SEE PAVEMENT MARKING PLANS FOR LANE MARKING.

TRAFFIC CONTROL FOR
MEDIAN CROSSOVERS
CONSTRUCTION

SHEET 16 OF 27

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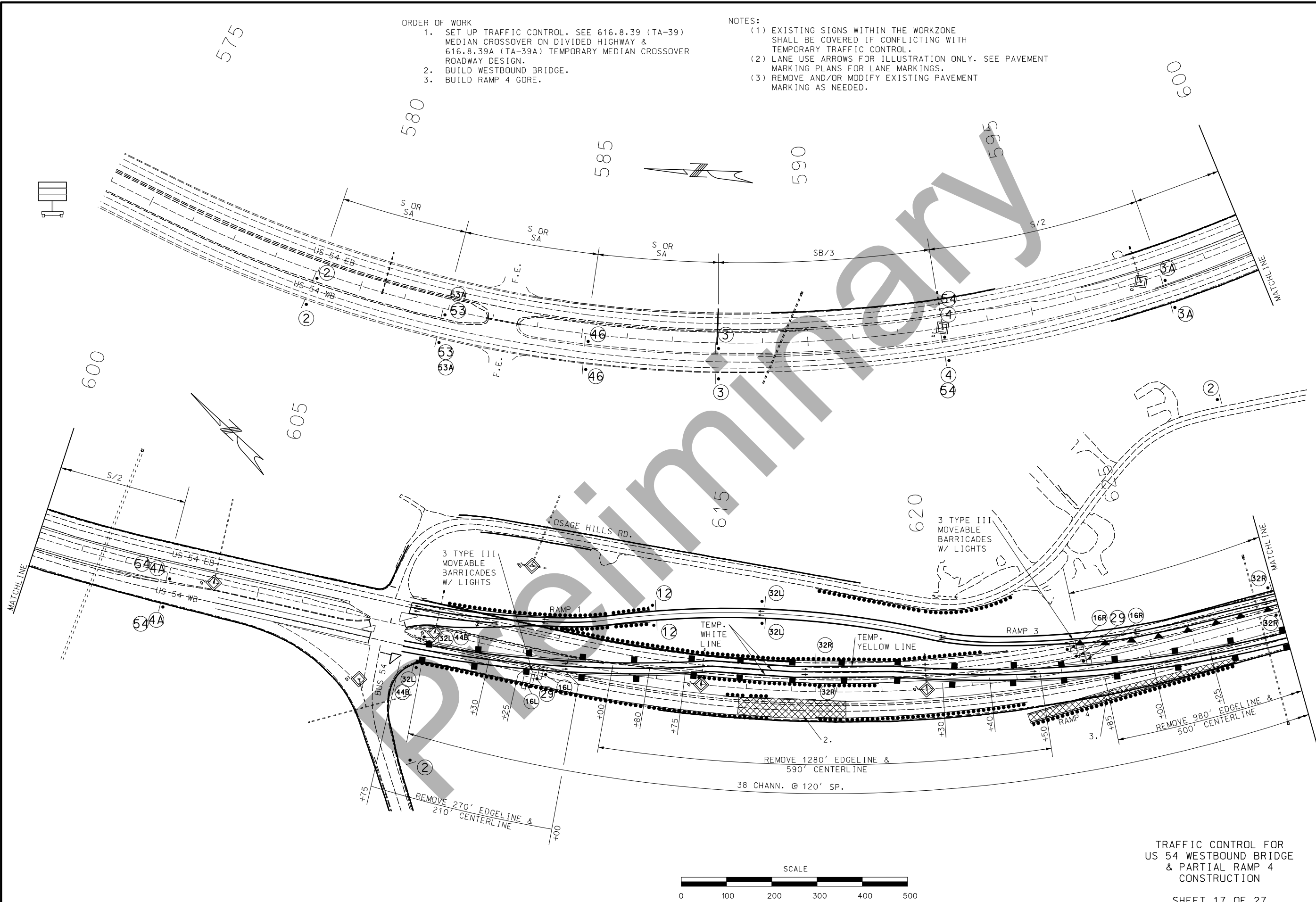
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TRAFFIC CONTROL
MEDIAN CROSSEDS
1 OF 1

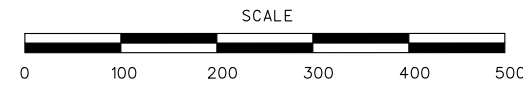
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- ORDER OF WORK
1. SET UP TRAFFIC CONTROL. SEE 616.8.39 (TA-39) MEDIAN CROSSOVER ON DIVIDED HIGHWAY & 616.8.39A (TA-39A) TEMPORARY MEDIAN CROSSOVER ROADWAY DESIGN.
 2. BUILD WESTBOUND BRIDGE.
 3. BUILD RAMP 4 GORE.

- NOTES:
- (1) EXISTING SIGNS WITHIN THE WORKZONE SHALL BE COVERED IF CONFLICTING WITH TEMPORARY TRAFFIC CONTROL.
 - (2) LANE USE ARROWS FOR ILLUSTRATION ONLY. SEE PAVEMENT MARKING PLANS FOR LANE MARKINGS.
 - (3) REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.



TRAFFIC CONTROL FOR
US 54 WESTBOUND BRIDGE
& PARTIAL RAMP 4
CONSTRUCTION

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JOB NO.	
J5P3181	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

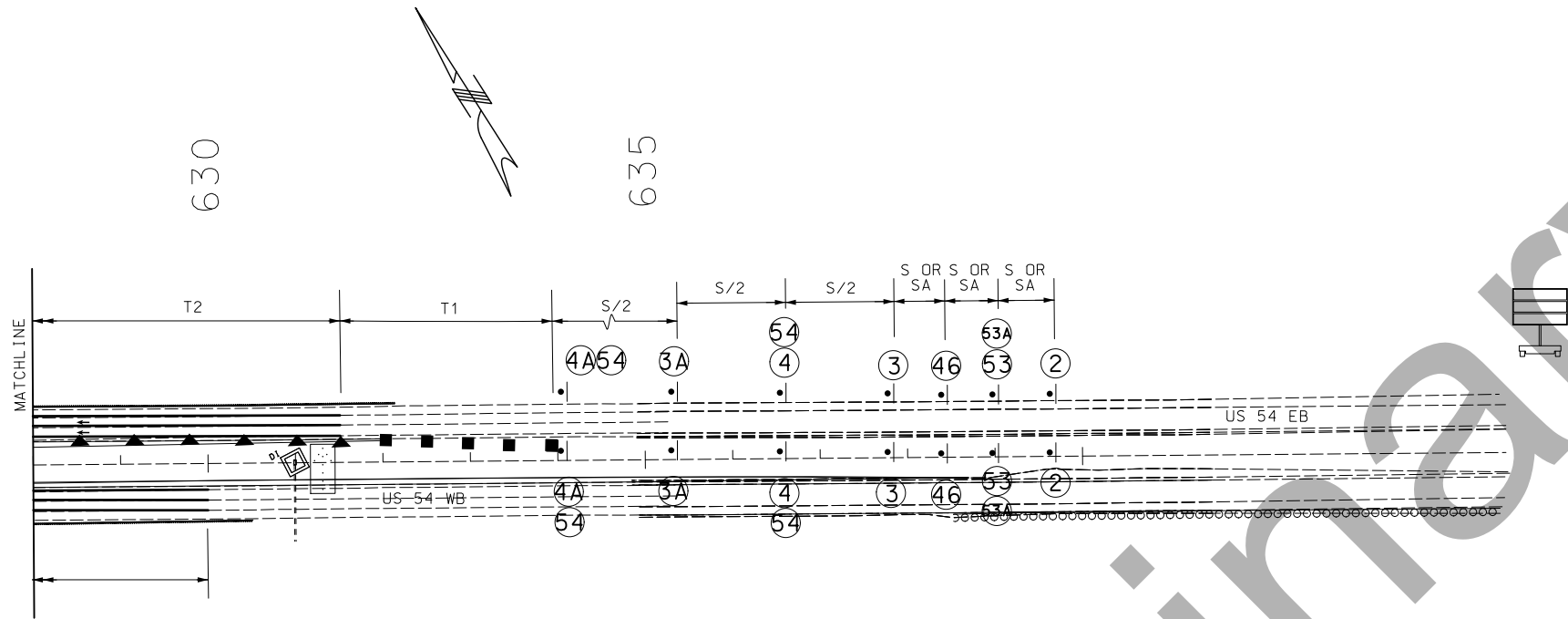
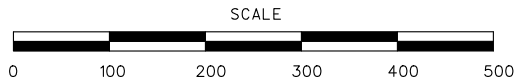
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TRAFFIC CONTROL
US 54 WESTBOUND BRIDGE
& PARTIAL RAMP 4
1 OF 2

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TRAFFIC CONTROL FOR
US 54 WESTBOUND BRIDGE
& PARTIAL RAMP 4
CONSTRUCTION

SHEET 18 OF 27

TRAFFIC CONTROL
US 54 WESTBOUND BRIDGE
& PARTIAL RAMP 4
2 OF 2

MISSOURI HIGHWAYS AND TRANSPORTATION
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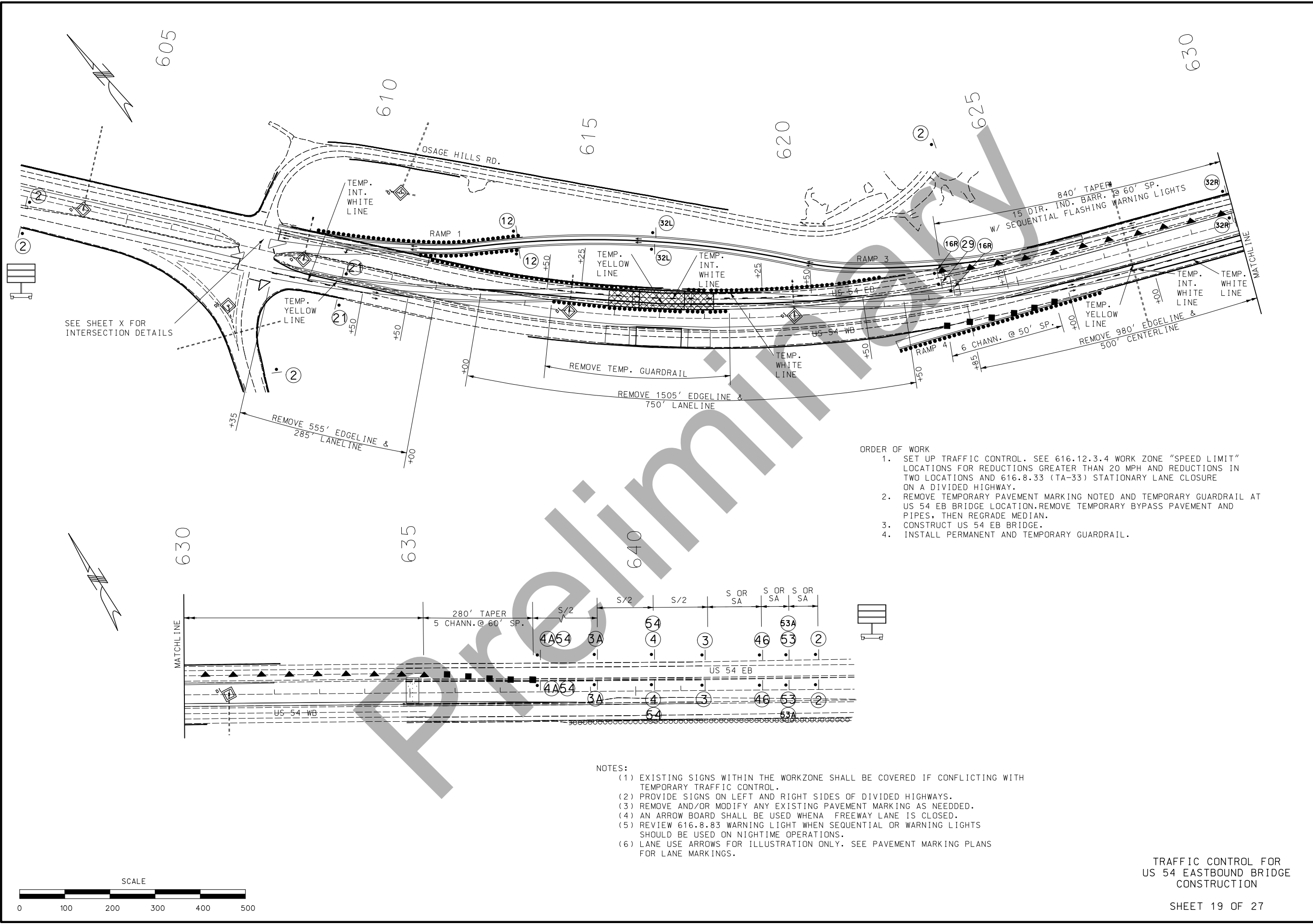
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- ORDER OF WORK
1. SET UP TRAFFIC CONTROL. SEE 616.12.3.4 WORK ZONE "SPEED LIMIT" LOCATIONS FOR REDUCTIONS GREATER THAN 20 MPH AND REDUCTIONS IN TWO LOCATIONS AND 616.8.33 (TA-33) STATIONARY LANE CLOSURE ON A DIVIDED HIGHWAY.
 2. REMOVE TEMPORARY PAVEMENT MARKING NOTED AND TEMPORARY GUARDRAIL AT US 54 EB BRIDGE LOCATION. REMOVE TEMPORARY BYPASS PAVEMENT AND PIPES, THEN REGRADE MEDIAN.
 3. CONSTRUCT US 54 EB BRIDGE.
 4. INSTALL PERMANENT AND TEMPORARY GUARDRAIL.

- NOTES:
- (1) EXISTING SIGNS WITHIN THE WORKZONE SHALL BE COVERED IF CONFLICTING WITH TEMPORARY TRAFFIC CONTROL.
 - (2) PROVIDE SIGNS ON LEFT AND RIGHT SIDES OF DIVIDED HIGHWAYS.
 - (3) REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.
 - (4) AN ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED.
 - (5) REVIEW 616.8.83 WARNING LIGHT WHEN SEQUENTIAL OR WARNING LIGHTS SHOULD BE USED ON NIGHTTIME OPERATIONS.
 - (6) LANE USE ARROWS FOR ILLUSTRATION ONLY. SEE PAVEMENT MARKING PLANS FOR LANE MARKINGS.

TRAFFIC CONTROL FOR
US 54 EASTBOUND BRIDGE
CONSTRUCTION

SHEET 19 OF 27

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DATE PREPARED 1/8/2019	
ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. XX
COUNTY MILLER	
JOB NO. J5P3181	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

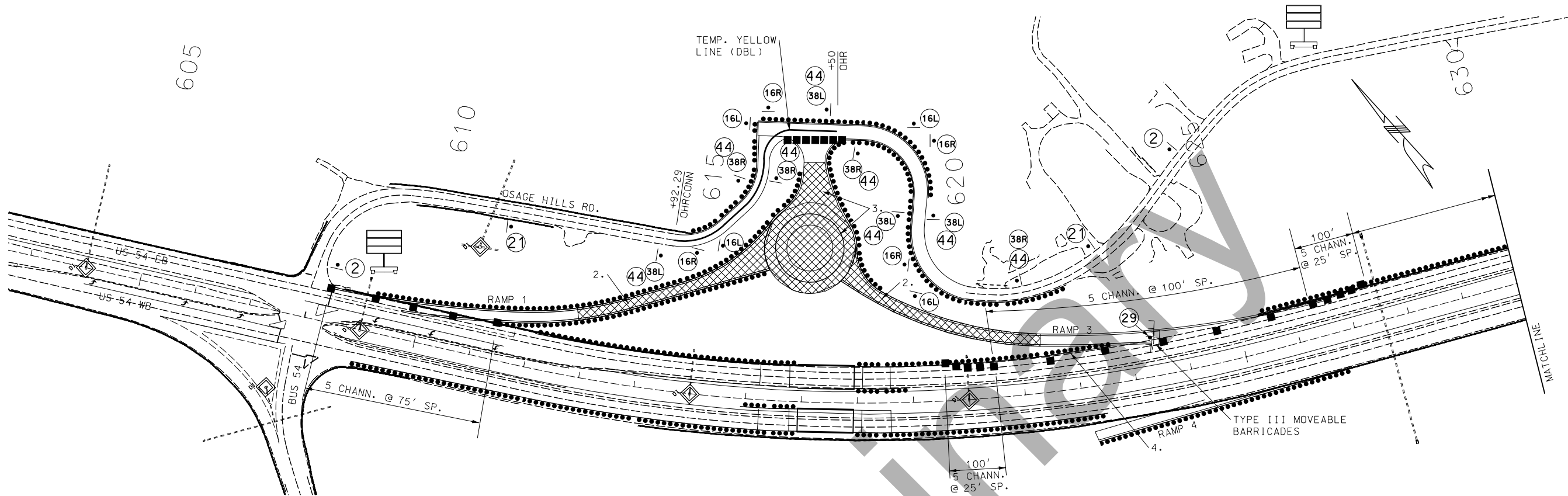


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TRAFFIC CONTROL
US 54 EASTBOUND BRIDGE
1 OF 1

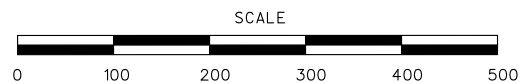
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REV.



- NOTES:
- (1) EXISTING SIGNS WITHIN THE WORKZONE SHALL BE COVERED IF CONFLICTING WITH TEMPORARY TRAFFIC CONTROL.
 - (2) ALL SIGNS ARE PORTABLE UNLESS NOTED OTHERWISE.
 - (3) REFER TO EPG 606.1.3.5 CLOSURES OF EXISTING STREETS, ROADS, AND BRIDGES OR NON-TRAVERSABLE ROADS FOR ROAD CLOSURES DESIGNATED NON-TRAVERSABLE.
 - (4) FOR ADVANCED WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM (AWRS).
 - (5) REFER TO STANDARD PLANS FOR HIGHWAY CONSTRUCTION 616.10 TEMPORARY TRAFFIC CONTROL DEVICES FOR TYPE 3 BARRICADES AND 617.20 TEMPORARY CONCRETE TRAFFIC BARRIER FOR CONCRETE BARRIERS.

- ORDER OF WORK
1. SET UP TRAFFIC CONTROL. SEE 616.8.1 (TA-3) WORK ON THE SHOULDER ON DIVIDED AND UNDIVIDED HIGHWAYS.
 2. COMPLETE RAMP 1 & 3.
 3. CONSTRUCT RB3 AND NE LEG.
 4. REMOVE TEMPORARY CRASHWORTHY END TERMINAL AND PLACE NEW GUARDRAIL.



TRAFFIC CONTROL FOR
RAMP 1 & RAMP 3
ROUNABOUT 3 & NE LEG
CONSTRUCTION

SHEET 21 OF 27

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DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

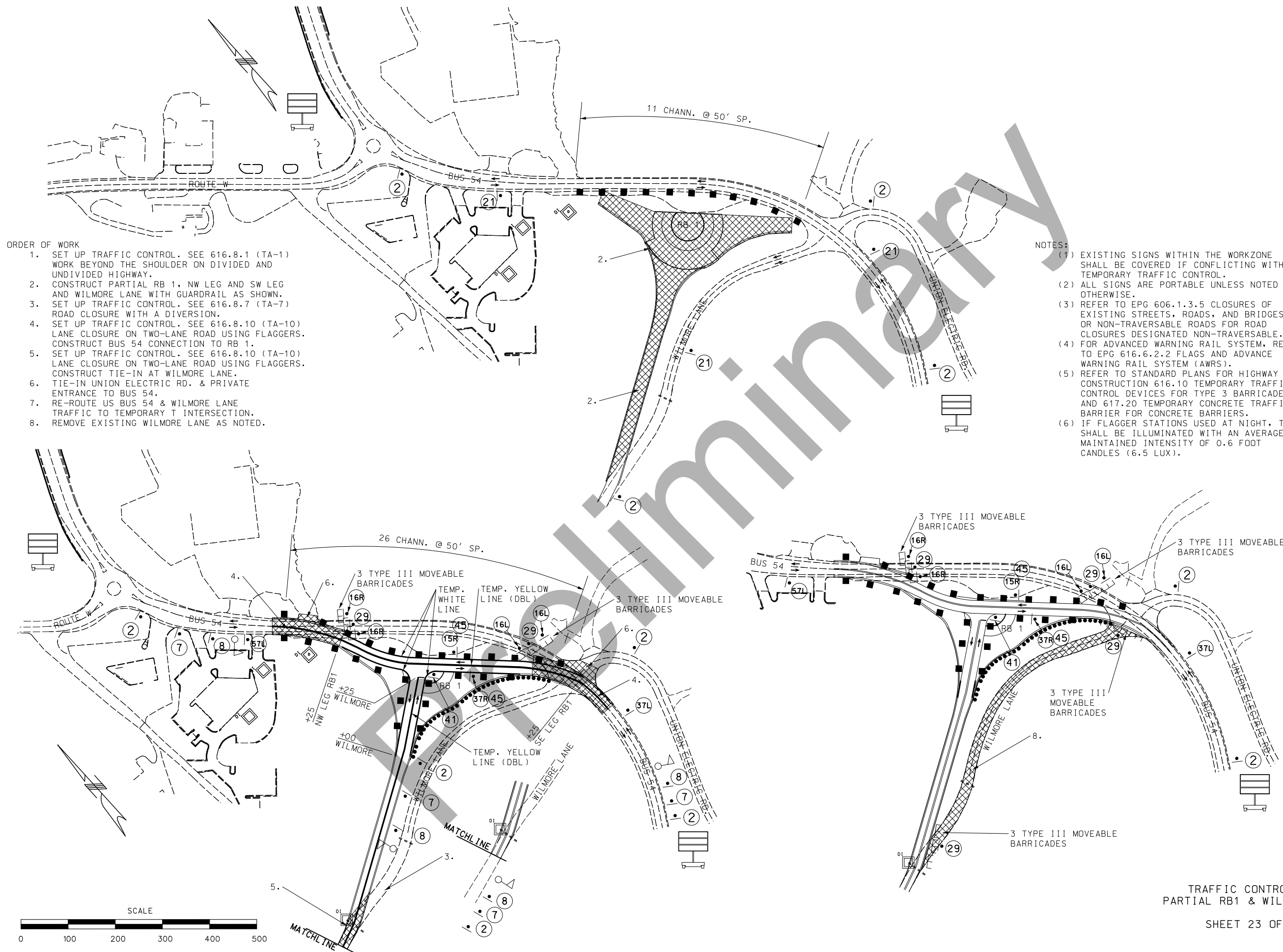


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TRAFFIC CONTROL
RAMP 1 & RAMP 3
ROUNABOUT 3 & NE LEG
1 OF 1

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

REV.



"THIS MEDIA SHOULD
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DOCUMENT."

DATE PREPARED

ROUTE	STATE
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DISTRICT	SHEET NO.
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CD	
COUNTY	

JOB NO.

051 5101
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

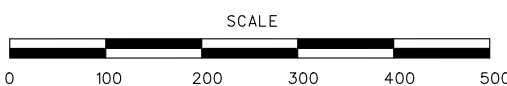
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102

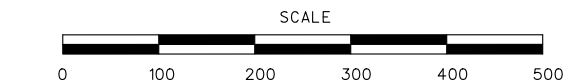
TRAFFIC CONTROL
PARTIAL RB1 & WILMORE LANE
1 OF 1

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SHEET 24 OF 27

1. SEE SIGNING SHEETS FOR PERMANANT SIGNING AND PAVEMENT MARKING SHEETS FOR PERMANANT MARKING.
2. SEE TRAFFIC CONTROL SHEETS X AND X FOR TEMPORARY TRAFFIC CONTROL DEVICES, SIGNING AND PAVEMENT MARKING.
3. LANE USE ARROWS FOR ILLUSTRSTION ONLY. SEE PAVEMENT MARKING PLANS FOR LANE MARKINGS.

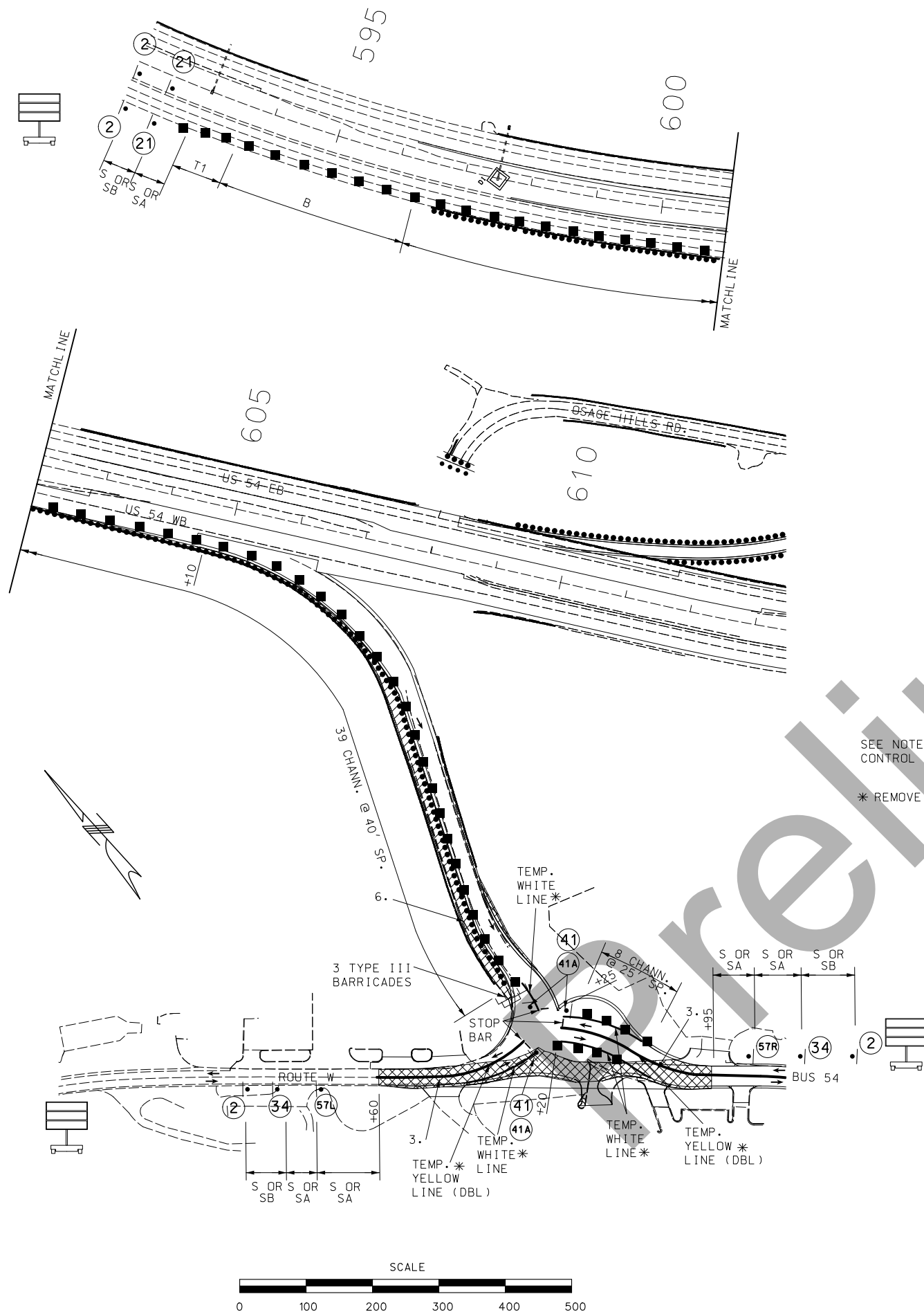


1. RE-ROUTE TRAFFIC TO INTERCHANGE.
2. CLOSE SIGNALLED INTERSECTION.
3. SET UP TRAFFIC CONTROL FOR LANE CLOSURES FOR PAVEMENT REMOVAL.
OSAGE HILLS RD. WORK SHOWN. 616.12.3.3 WORK ZONE "FINE SIGN AND
SPEED LIMIT" LOCATIONS WITHIN THE ADVANCE WARNING AREA SHALL BE
USED ON ALL LANE CLOSURES.FOR OSAGE HILLS RD. PAVEMENT REMOVAL
SEE 616.8.44 (TA-44) WORK IN THE VICINITY OF AN ENTRANCE RAMP.
FOR BUS 54 PAVEMENT REMOVAL SEE 616.8.42 (TA-42) WORK IN THE
VICINITY OF AN EXIT RAMP AND FOR MEDIAN PAVEMENT REMOVAL SEE
616.8.33 (TA-33) STATIONARY LANE CLOSURE ON A DIVIDED HIGHWAY.
REMOVE PAVEMENT AS SHOWN AND IN THIS ORDER:
A. OSAGE HILLS PAVEMENT
B. MEDIAN PAVEMENT
C. BUS 54 PAVEMENT
4. PLACE TRAFFIC CONTROL DEVICES AND CLOSE BUS 54 EASTBOUND LANE
FROM MINI-ROUNDBOUT TO US 54.
5. CONSTRUCT TEMPORARY PAVEMENT FOR TEMPORARY INTERSECTION AND
PERMANENT PAVEMENT FOR SE LEG FOR RB2. SEE TRAFFIC CONTROL SHEET X FOR DETAILS.

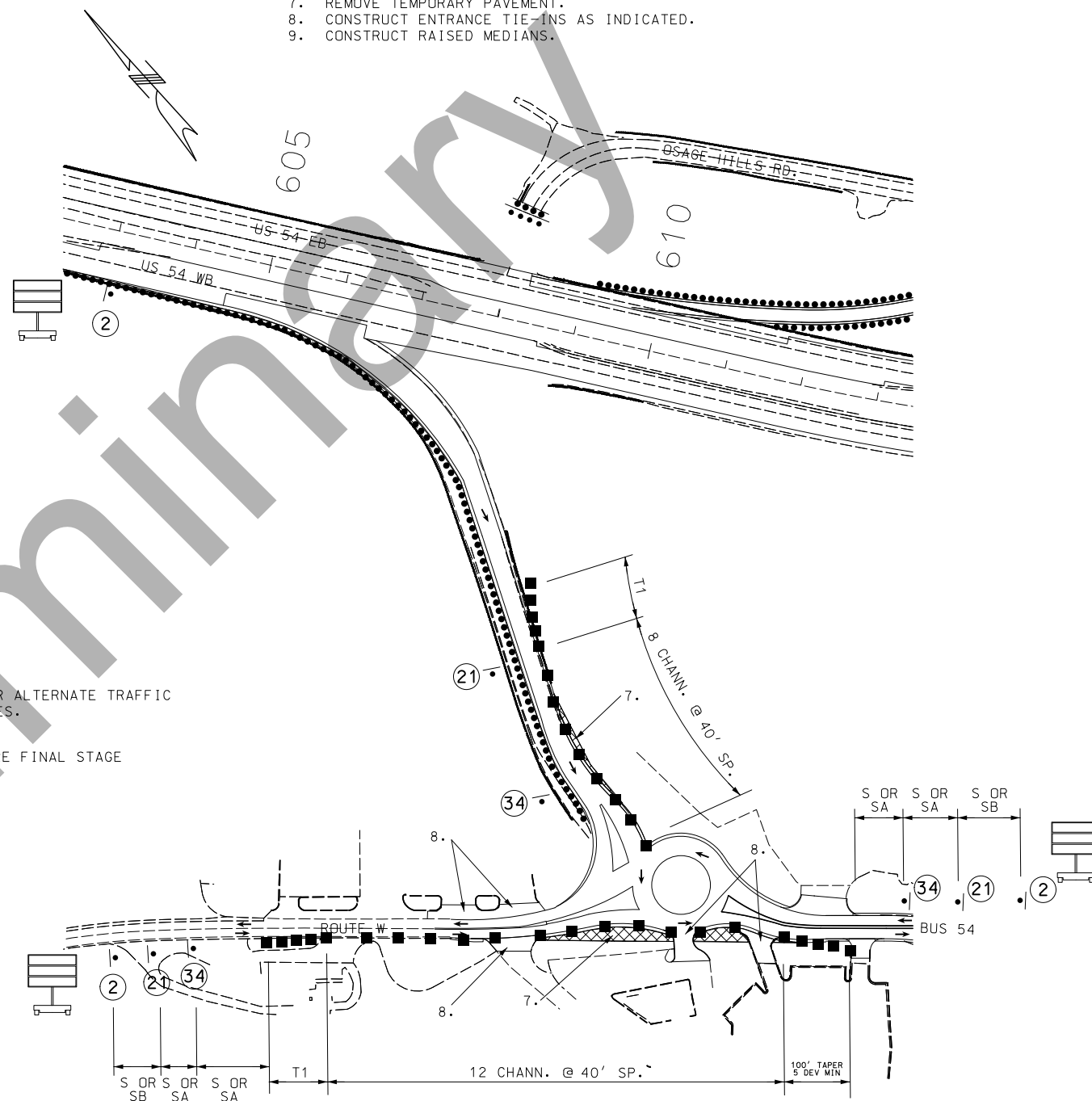
SHEET 25 OF 27

TRAFFIC CONTROL
PARTIAL RB1 CONSTRUCTION &
SIGNALIZED INTERSECTION CLOSURE
1 OF 1

REV.



1. SET UP TRAFFIC CONTROL FOR TEMPORARY 3-WAY STOP.
2. RE-ROUTE BUS 54 AND ROUTE W TRAFFIC TO TEMPORARY 3-WAY STOP.
3. CONSTRUCT REMAINING RB2 PAVEMENT AS SHOWN. CONSTRUCT TIE-INS USING (TA-10) LANE CLOSURE ON TWO-LANE ROAD USING FLAGGERS.
4. RE-ROUTE TRAFFIC TO RB2.
5. SET UP TRAFFIC CONTROL. 616.8.3 (TA-3) WORK ON THE SHOULDER ON DIVIDED AND UNDIVIDED HIGHWAYS, 616.8.6 (TA-6) SHOULDER WORK WITH MINOR ENCROACHMENT ON DIVIDED AND UNDIVIDED HIGHWAYS.
6. REMOVE PAVEMENT AND PLACE NEW GUARDRAIL.
7. REMOVE TEMPORARY PAVEMENT.
8. CONSTRUCT ENTRANCE TIE-INS AS INDICATED.
9. CONSTRUCT RAISED MEDIANS.



SEE NOTE 3 FOR ALTERNATE TRAFFIC
CONTROL DEVICES.

* REMOVE BEFORE FINAL STAGE

- NOTES
1. SEE SIGNING SHEETS FOR PERMANANT SIGNING AND PAVEMENT MARKING SHEETS FOR PERMANANT MARKING.
 2. SEE TRAFFIC CONTROL SHEETS X AND X FOR TEMPORARY TRAFFIC CONTROL DEVICES, SIGNING AND PAVEMENT MARKING.
 3. LANE USE ARROWS FOR ILLUSTRATION ONLY. SEE PAVEMENT MARKING PLANS FOR LANE MARKINGS.

TRAFFIC CONTROL FOR
RB2 CONSTRUCTION

SHEET 27 OF 27

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DATE PREPARED
1/8/2019

ROUTE	STATE
54	MO

DISTRICT CD	SHEET NO. XX
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COUNTY
MILLER

JOB NO.
J5P3181

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE _____

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



TRAFFIC CONTROL
RB2 CONSTRUCTION
2 OF 2

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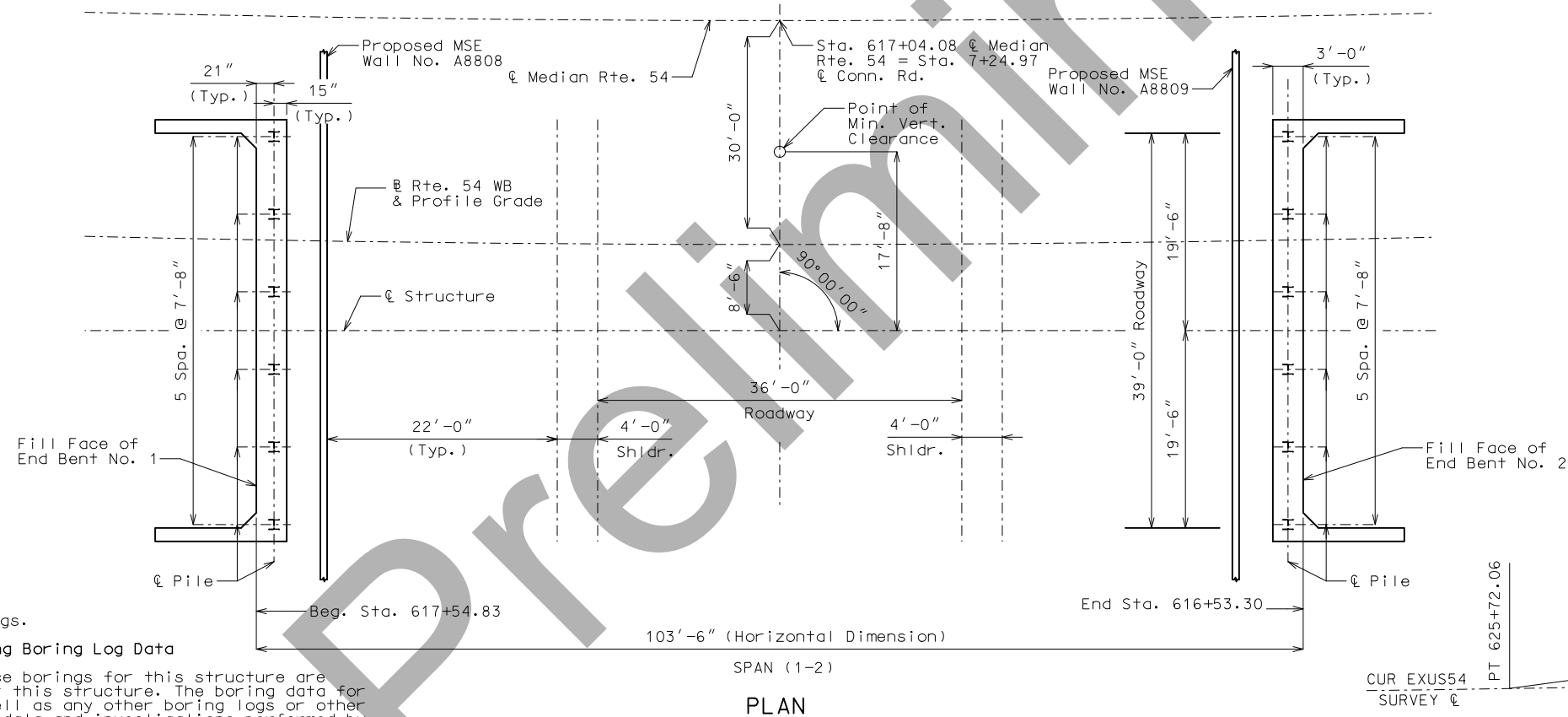
REV.

SEC/SUR	17- 20	TWP	40 N	RGE	15 W
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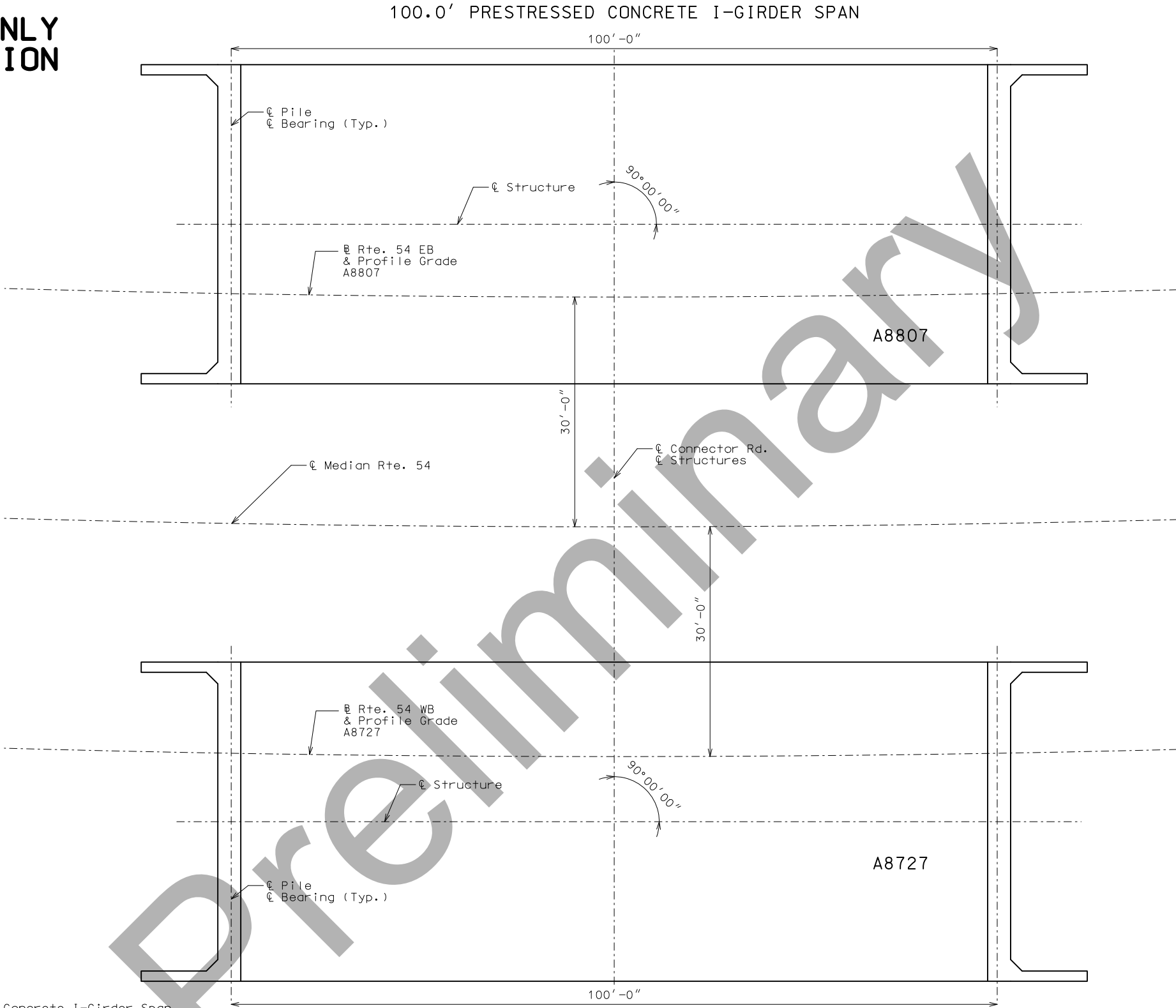
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STD. 609.00
STD. 617.10
STD. 706.35

Sheet No. 1 of

FOR INFORMATION ONLY
NOT FOR CONSTRUCTION



Notes:
Layout: 100.0 (Type 6) Prestressed Concrete I-Girder Span.
Roadway Width: 39'-0" (Unsymmetrical) plus 16" Type D Barrier Curbs. S.E. is 5%.
Alignment: Bridges are to be built parallel to the tangent to the radial line at Sta. 617+04.08 Centerline Median Rte. 54. Bridges are in full 5% superelevation.
Skew: Square to the tangent to the radial line of 2,864.58' radius curve at Sta. 617+04.08 Centerline Median Rte. 54
Traffic Handling: Rte. 54 WBL to crossover to Rte. 54 EBL and run head to head during construction of A8727.
Constuction of MSE Walls A8808 and A8809 at Bents No.1 and No. 2, will coordinate respectively.
Final Minimum vertical clearances 16'-6" both structures.

Note: This drawing is not to scale. Follow dimensions. Sheet No. 2 of --

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DATE PREPARED
1/8/2019

ROUTE 54	STATE MO
DISTRICT BR	SHEET NO. 2

COUNTY
MILLER

JOB NO.
J5P3181

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A8727

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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