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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/3/2023

ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 2

COUNTY BUTLER

JOB NO. J9P3751

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

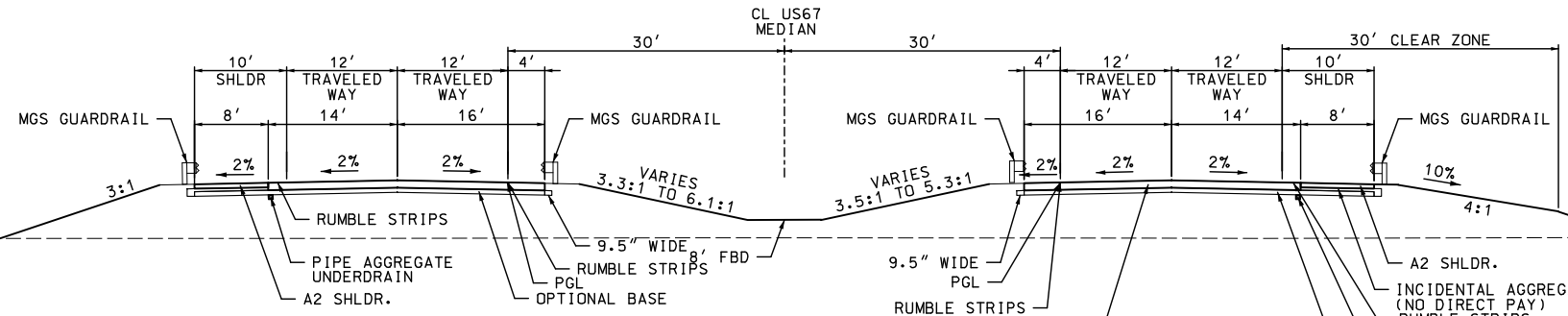
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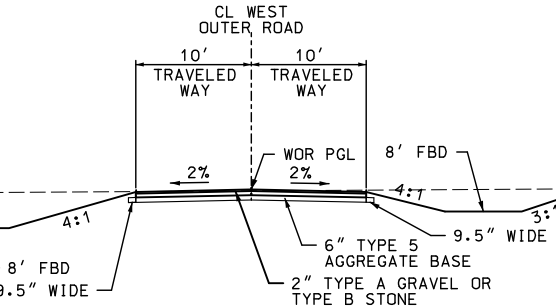
1631 WEST LINDALE STREET SPRINGFIELD, MO 65807 (417) 869-6009

ENGINEERING CORPORATION - 000631

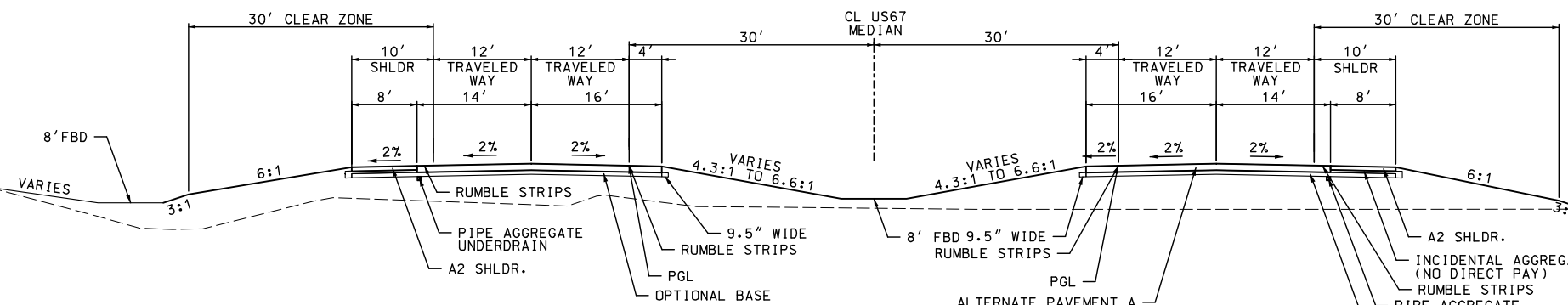
REV.



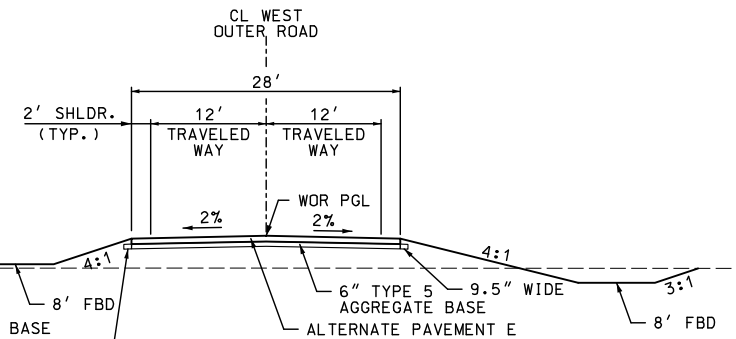
③ TYPICAL SECTION RTE. 67
STA. 754+69.99 TO STA. 757+50.25



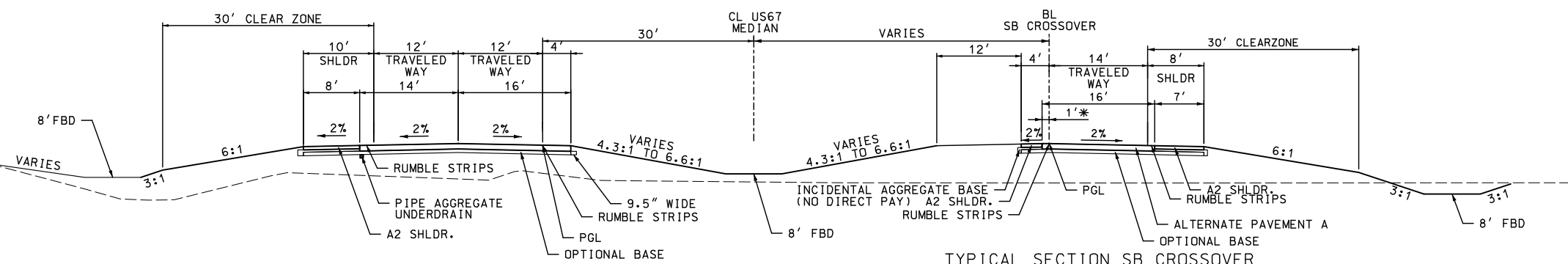
TYPICAL SECTION WEST OUTER ROAD
STA. 7+50.00 TO STA. 9+35.00
WEST OUTER ROAD PAVEMENT
BEGINS AT US67 STA. 757+50.00



④ TYPICAL SECTION RTE. 67
STA. 757+50.25 TO STA. 757+82.04
STA. 759+99.91 TO STA. 766+58.71



TYPICAL SECTION WEST OUTER ROAD
STA. 9+35.00 TO STA. 9+65.63
STA. 10+93.49 TO STA. 16+58.71



⑤ TYPICAL SECTION RTE. 67
STA. 768+17.57 TO STA. 770+67.71

* 0' STA. 766+48.97 TO 769+42.01

A circular professional engineer seal for the State of Missouri. The outer ring contains the text "STATE OF MISSOURI" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The inner circle contains the name "ANDREW R. SCHLICHTING" and the number "NUMBER PE-2009018777".

DATE PREPARED
3/3/2023

ROUTE	STATE
67	MO

DISTRICT	SHEET NO.
SE	2

COUNTY
BUTLER

JOB NO.
19P3751

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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REV.



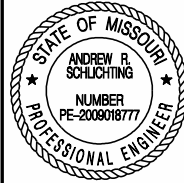
TYPICAL SECTION SB CROSSOVER
STA. 7+67.83 TO STA. 13+84.19



TYPICAL SECTION SB CROSSOVER
STA. 13+84.19 TO STA. 15+28.50

NORTHBOUND CROSSOVER SUPERELEVATION TABLE			
STATION	CROSS SLOPE		DESCRIPTION
	LEFT	RIGHT	
2+67.59	-2.00%	-2.00%	NORMAL CROWN
3+29.93	-2.00%	0.00%	SUPER RUNOFF IN
3+92.15	-2.00%	2.00%	REVERSE CROWN IN
5+47.92	-7.00%	7.00%	FULL SUPER IN
7+37.45	-7.00%	7.00%	FULL SUPER OUT
9+72.98	0.00%	0.00%	SUPER RUNOFF
11+36.50	4.86%	-4.86%	MATCH SB SUPER TRANSITION

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DATE PREPARED
3/3/2023

ROUTE 67	STATE MO
DISTRICT SE	SHEET NO. 2

COUNTY
BUTLER

JOB NO.
J9P3751

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

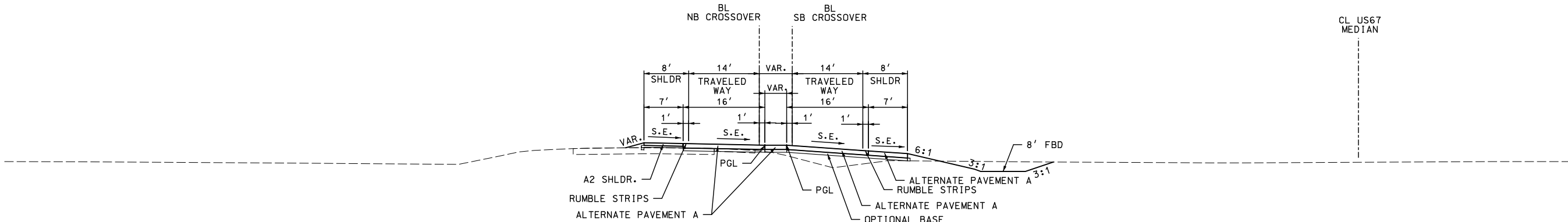
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ASPHALT ALTERNATES
TYPICAL SECTIONS
SHEET 4 OF 10

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

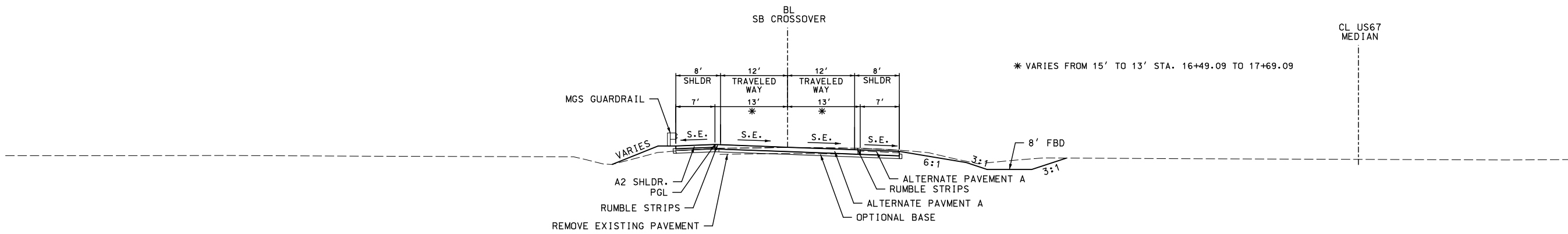
REV.



⑧ TYPICAL SECTION RTE. 67
STA. 778+11.30 TO STA. 779+29.62

TYPICAL SECTION NB CROSSOVER
STA. 10+15.87 TO STA. 11+36.50

TYPICAL SECTION SB CROSSOVER
STA. 15+28.50 TO STA. 16+49.08



TYPICAL SECTION SB CROSSOVER
STA. 16+49.08 TO STA. 19+12.00

⑨ TYPICAL SECTION RTE. 67
STA. 779+29.62 TO STA. 781+91.19

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ROUTE	STATE
67	MO
DISTRICT	SHEET NO.
SE	2

COUNTY
BUTLER

JOB NO.
J9P3751

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

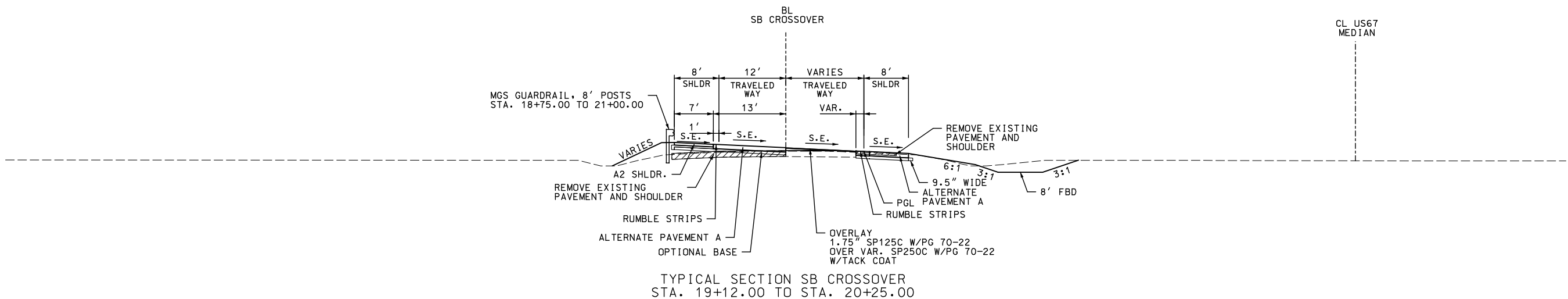
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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JEFFERSON CITY, MO 65102
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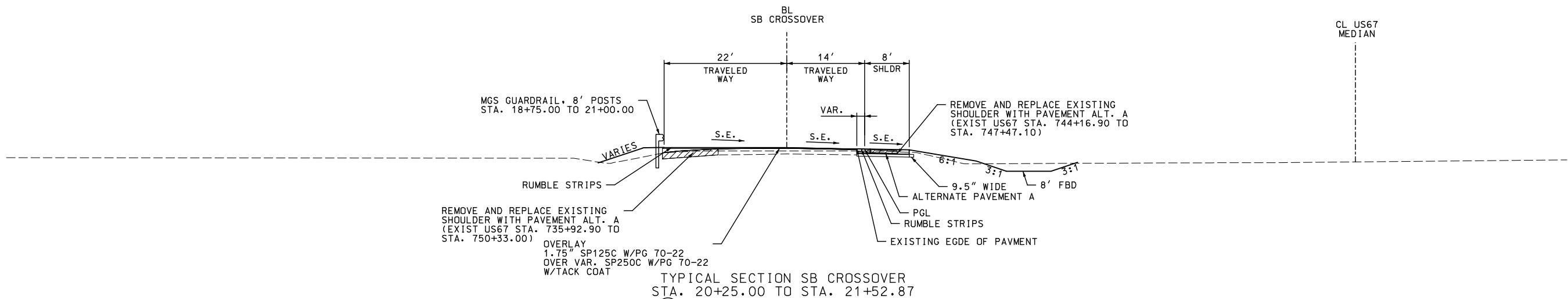
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ASPHALT ALTERNATES
TYPICAL SECTIONS
SHEET 5 OF 10

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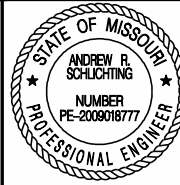


⑩ TYPICAL SECTION RTE. 67
STA. 781+91.19 TO STA. 783+17.00



⑪ TYPICAL SECTION RTE. 67
STA. 783+17.00 TO STA. 784+31.16

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ROUTE 67 STATE MO
DISTRICT SE SHEET NO. 2

COUNTY BUTLER
JOB NO. J9P3751
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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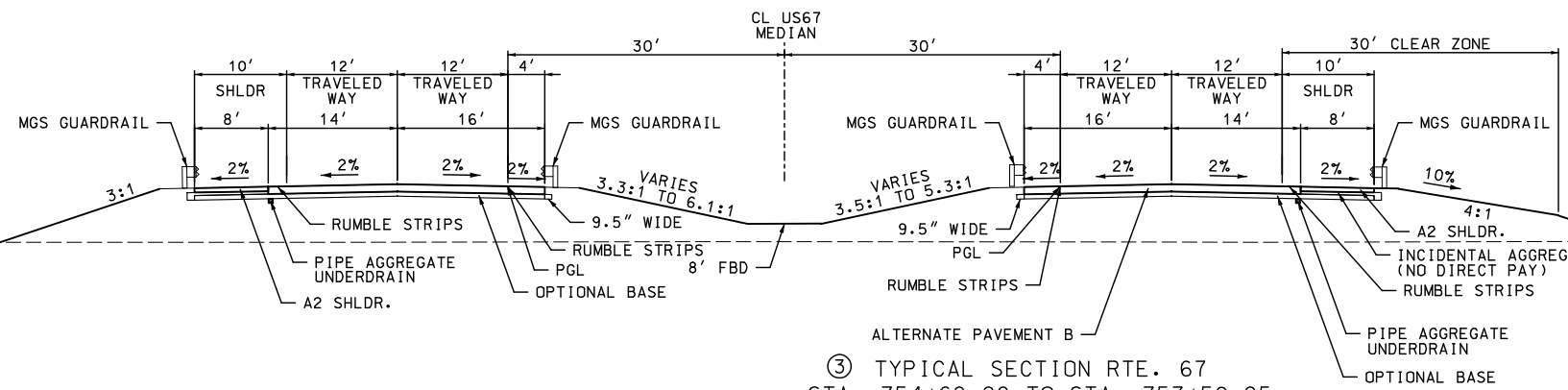
CONCRETE ALTERNATES

TYPICAL SECTIONS

SHEET 7 OF 10

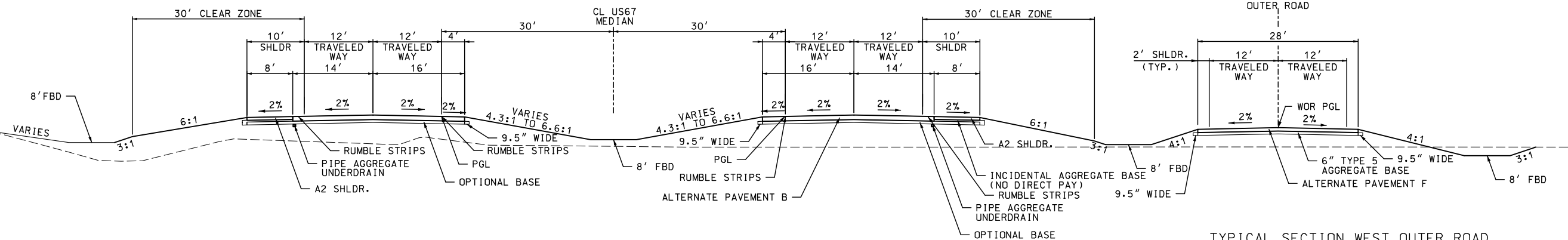
REV.

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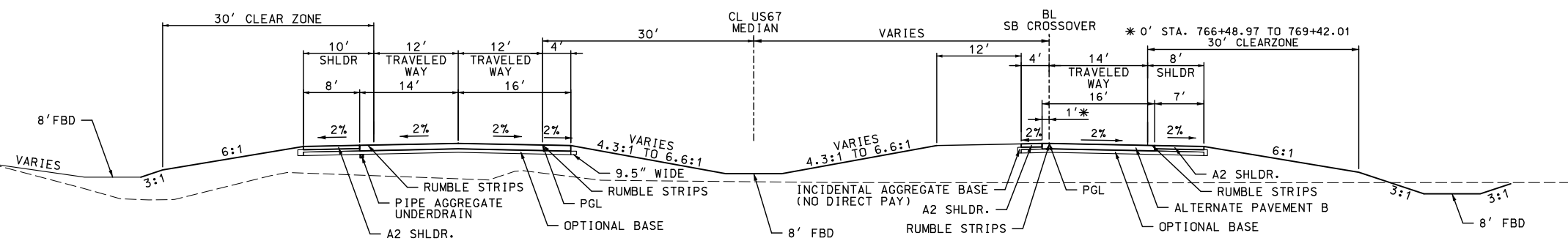
③ TYPICAL SECTION RTE. 67
STA. 754+69.99 TO STA. 757+50.25

TYPICAL SECTION WEST OUTER ROAD
STA. 7+50.00 TO STA. 9+35.00
WEST OUTER ROAD PAVEMENT
BEGINS AT US67 STA. 757+50.00



④ TYPICAL SECTION RTE. 67
STA. 757+50.25 TO STA. 766+58.71

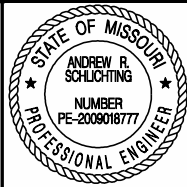
TYPICAL SECTION WEST OUTER ROAD
STA. 9+35.00 TO STA. 16+58.71



TYPICAL SECTION SB Crossover
STA. 5+17.57 TO 7+67.83

⑤ TYPICAL SECTION RTE. 67
STA. 768+17.57 TO STA. 770+67.71

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3/3/2023

ROUTE 67 STATE MO
DISTRICT SE SHEET NO. 2

COUNTY BUTLER
JOB NO. J9P3751
CONTRACT ID.

PROJECT NO.

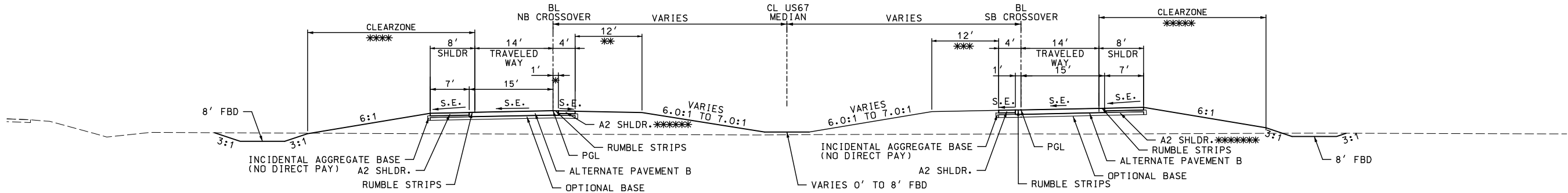
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
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JEFFERSON CITY, MO 65102
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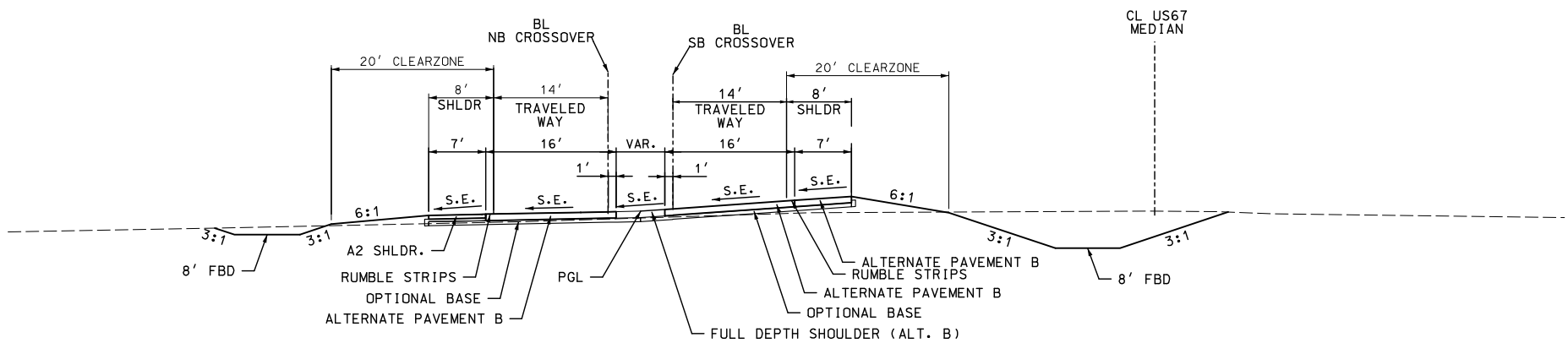
* 0' STA. 2+67.59 TO 3+92.08
** VARIES 12' TO 0' FROM STA. 2+67.59 TO 3+67.59
*** VARIES 12' TO 0' FROM STA. 7+67.83 TO 8+67.83
**** VARIES 30' TO 20' FROM STA. 2+67.59 TO 3+67.59
***** VARIES 30' TO 20' FROM STA. 7+67.83 TO 8+67.83
***** BEGIN FULL DEPTH SHOULDER (ALT. B) AT STA. 7+25.00
***** BEGIN FULL DEPTH SHOULDER (ALT. B) AT STA. 12+15.00



⑥ TYPICAL SECTION RTE. 67
STA. 770+67.71 TO STA. 776+71.41

TYPICAL SECTION NB CROSSOVER
STA. 2+67.59 TO STA. 8+71.85

TYPICAL SECTION SB CROSSOVER
STA. 7+67.83 TO STA. 13+84.19



⑦ TYPICAL SECTION RTE. 67
STA. 776+71.41 TO STA. 778+11.30

TYPICAL SECTION NB CROSSOVER
STA. 8+71.85 TO STA. 10+15.87

TYPICAL SECTION SB CROSSOVER
STA. 13+84.19 TO STA. 15+28.50

SOUTHBOUND CROSSOVER SUPERELEVATION TABLE			
STATION	CROSS SLOPE		DESCRIPTION
	LEFT	RIGHT	
5+17.57	-2.00%	-2.00%	NORMAL CROWN
5+79.79	-2.00%	0.00%	SUPER RUNOFF IN
6+42.01	-2.00%	2.00%	REVERSE CROWN IN
7+97.78	-7.00%	7.00%	FULL SUPER IN
11+42.52	-7.00%	7.00%	FULL SUPER OUT
13+49.03	0.00%	0.00%	SUPER RUNOFF
15+55.54	7.00%	-7.00%	FULL SUPER IN
GORE EXCEPTION			
16+49.08	4.86%	-7.00%	MATCH NB SUPER TRANSITION
17+21.02	7.00%	-7.00%	NB FULL SUPER IN
19+12.68	7.00%	-7.00%	FULL SUPER OUT
20+46.20	2.00%	-2.00%	REVERSE CROWN OUT
20+99.53	0.00%	-2.00%	SUPER RUNOFF OUT
21+52.86	-2.00%	-2.00%	NORMAL CROWN

NORTHBOUND CROSSOVER SUPERELEVATION TABLE			
STATION	CROSS SLOPE		DESCRIPTION
	LEFT	RIGHT	
2+67.59	-2.00%	-2.00%	NORMAL CROWN
3+29.93	-2.00%	0.00%	SUPER RUNOFF IN
3+92.15	-2.00%	2.00%	REVERSE CROWN IN
5+47.92	-7.00%	7.00%	FULL SUPER IN
7+37.45	-7.00%	7.00%	FULL SUPER OUT
9+72.98	0.00%	0.00%	SUPER RUNOFF
11+36.50	4.86%	-4.86%	MATCH SB SUPER TRANSITION

CONCRETE ALTERNATES
TYPICAL SECTIONS
SHEET 8 OF 10

A circular professional engineer seal for the State of Missouri. The outer ring contains the text "STATE OF MISSOURI" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The inner circle contains the name "ANDREW R. SCHLICHTING" and the license number "NUMBER PE-2009018777".

DATE PREPARED
3/3/2023

67	MO
----	----

SE	2
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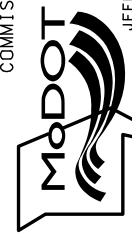
BUTLER

J9P3751

CONTRACT ID.

PROJECT NO.

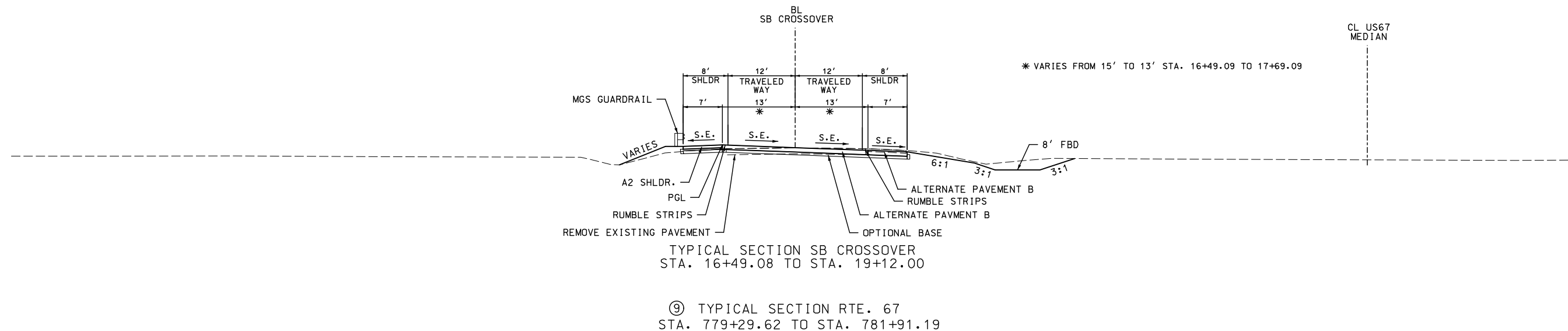
BRIDGE NO.

[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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SPRINGFIELD, MO 65807 (417) 869-6009
ENGINEERING CORPORATION - 000631

REV.



A circular professional engineer seal for the State of Missouri. The outer ring contains the text "STATE OF MISSOURI" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The inner circle contains the name "ANDREW R. SCHLICHTING" and the license number "NUMBER PE-2009018777".

DATE PREPARED
3/3/2023

ROUTE 67	STATE MO
DISTRICT SE	SHEET NO. 2

JOB NO.
J9P3751

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

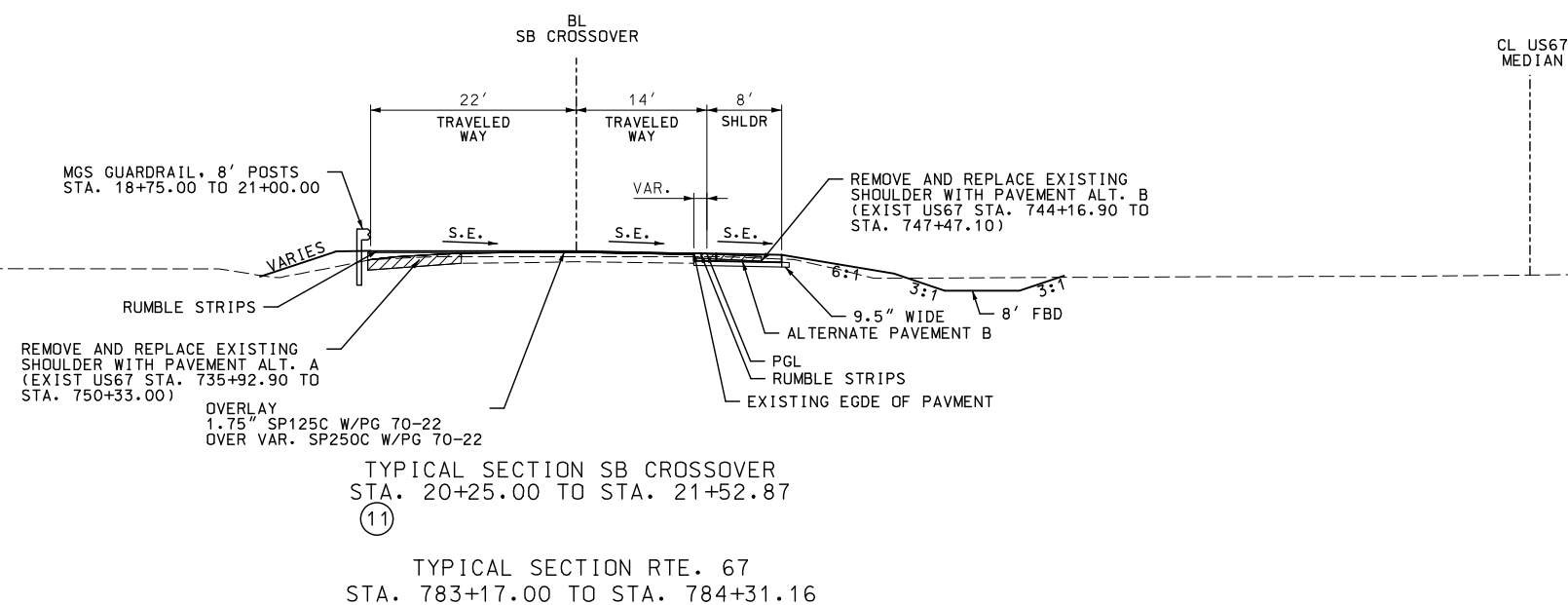
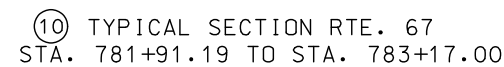
[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
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ENGINEERING CORPORATION - 000631

REV.



REMOVAL OF IMPROVEMENTS								
SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	DESCRIPTION	UNIT	QUANTITY	REMARKS
5	677+53	678+03	PROPOSED US67	LT	30" PIPE	LF	50	UNDER DRIVEWAY
5	680+97	681+55	PROPOSED US67	LT	18" PIPE	LF	59	UNDER DRIVEWAY
6	684+46.52		PROPOSED US67	LT	TREE	EA	1	
7	696+00	698+10	PROPOSED US67	RT	TREE	EA	13	
7	696+18.70	696+73.98	PROPOSED US67	RT	BUILDING	EA	1	
7	696+66.60	696+89.20	PROPOSED US67	RT	BUILDING	EA	1	
7	697+80.43	697+98.15	PROPOSED US67	LT	WALL	EA	1	
7	697+46.20	697+65.30	PROPOSED US67	LT	WALL	EA	1	
8	723+40.71	723+87.53	PROPOSED US67	RT	BUILDING	EA	1	
8	723+08.93		PROPOSED US67	RT	TREE	EA	1	
8	723+03.56		PROPOSED US67	LT	TREE	EA	1	
8	722+99.92		PROPOSED US67	LT	POST	EA	1	
9	724+42.47	725+41.45	PROPOSED US67	LT	BUILDING	EA	1	
9	724+92.89	725+42.65	PROPOSED US67	RT	BUILDING	EA	1	
9	725+80.46	726+03.01	PROPOSED US67	RT/LT	BUILDING	EA	1	
9	724+88.29		PROPOSED US67	LT	TREE	EA	1	
9	726+49.13		PROPOSED US67	LT	MAILBOX	EA	1	
10	740+36.04		PROPOSED US67	LT	POST	EA	1	
10	740+24.14		PROPOSED US67	LT	TREE	EA	1	
10	740+70.67		PROPOSED US67	RT	TREE	EA	1	
10	747+17.20		PROPOSED US67	RT	TREE	EA	1	
10	747+40.44		PROPOSED US67	RT	TREE	EA	1	
10	747+41.67	748+14.19	PROPOSED US67	RT	BUILDING	EA	1	
10	747+51.01	747+64.80	PROPOSED US67	RT	BUILDING	EA	1	
10	747+86	748+06	PROPOSED US67	LT	24" PIPE	LF	20	UNDER DRIVEWAY
10	748+04.84		PROPOSED US67	LT	MAILBOX	EA	1	
12	766+18.53		PROPOSED US67	LT	POST	EA	1	
12-13	738+66	743+79	EXISTING US67	RT	PAVEMENT	SY	684	SOUTHBOUND LANE
12-13	738+66	744+91	EXISTING US67	LT	PAVEMENT	SY	833	NORTHBOUND LANE
12-13	735+93	750+33	EXISTING US67	LT	SHOULDER	SY	1,280	EAST SHOULDER
12-13	744+17	747+47	EXISTING US67	RT	SHOULDER	SY	294	WEST SHOULDER
71	713+70		PROPOSED US67	LT	SIGN	EA	1	COUNTY ROAD (R&RELOCATE)
71	713+90		PROPOSED US67	LT	SIGN	EA	1	R1-1
72	766+20		PROPOSED US67	LT	SIGN	EA	1	COUNTY ROAD
72	766+20		PROPOSED US67	LT	SIGN	EA	1	R1-1
REMOVAL OF TREES AND BRUSH FELLED DURING UTILITY INSTALLATION TO BE INCIDENTAL TO REMOVAL OF IMPROVEMENTS								
TOTAL = 1 LUMP SUM								

NOTES:

1. CLEARING AND REMOVAL OF DEBRIS AND STRUCTURES WITHIN RIGHT OF WAY AND EASEMENTS IS INCIDENTAL TO REMOVAL OF IMPROVEMENTS.

2. SAWCUTS FOR PAVEMENT REMOVAL ARE INCIDENTAL TO REMOVAL OF IMPROVEMENTS.

STATE OF MISSOURI

ANDREW R. SCHLICHTING

NUMBER PE-2009018777

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 2/29/2024

ROUTE 67

DISTRICT SE

STATE MO

SHEET NO. 3

COUNTY BUTLER

JOB NO. J9P3751

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)

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1631 WEST LINDALE STREET

SPRINGFIELD, MO 65807 (417) 869-6009

ENGINEERING CORPORATION - 000631

BASE									
SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	MODIFIED SUBGRADE (SQYD)	TYPE 5 AGGREGATE FOR BASE (6 IN. (SQYD)	OPTIONAL BASE (SQYD)	GRAVEL (A) OR CRUSHED STONE (B) (TONS)	REMARKS
4	660+75.00	668+00.00	PROPOSED US67	RIGHT	2,417		2,416.7		ALTERNATE A/B PAVEMENTS
4	660+75.00	668+00.00	PROPOSED US67	LEFT	2,417		2,416.7		
5	668+00.00	682+00.00	PROPOSED US67	RIGHT	4,667		4,666.7		
5	668+00.00	682+00.00	PROPOSED US67	LEFT	4,667		4,666.7		
6	682+00.00	696+00.00	PROPOSED US67	RIGHT	4,667		4,666.7		
6	682+00.00	696+00.00	PROPOSED US67	LEFT	4,667		4,666.7		
7	696+00.00	710+00.00	PROPOSED US67	RIGHT	4,667		4,666.7		
7	696+00.00	710+00.00	PROPOSED US67	LEFT	4,667		4,666.7		
8	710+00.00	724+00.00	PROPOSED US67	RIGHT	4,667		4,666.7		
8	710+00.00	724+00.00	PROPOSED US67	LEFT	4,667		4,666.7		
9	724+00.00	738+00.00	PROPOSED US67	RIGHT	4,667		4,666.7		
9	724+00.00	738+00.00	PROPOSED US67	LEFT	4,667		4,666.7		
10	738+00.00	752+00.00	PROPOSED US67	RIGHT	4,667		4,666.7		
10	738+00.00	752+00.00	PROPOSED US67	LEFT	4,667		4,666.7		
11	752+00.00	758+38.04	PROPOSED US67	RIGHT	2,127		2,126.8		
11	752+00.00	757+48.04	PROPOSED US67	LEFT	1,827		1,826.8		
11	760+33.91	766+00.00	PROPOSED US67	RIGHT	1,887		1,887.0		
11	759+43.91	766+00.00	PROPOSED US67	LEFT	2,187		2,187.0		
12	766+00.00	768+17.57	PROPOSED US67	RIGHT	725		725.2		
12	766+00.00	770+67.59	PROPOSED US67	LEFT	1,559		1,558.6		
12	2+67.59	11+36.50	NB TRANSITION	RIGHT/LEFT	1,548		1,547.9		
12	5+17.57	16+49.08	SB TRANSITION	RIGHT/LEFT	2,484		2,483.5		
12	16+49.08	17+20.81	SB TRANSITION	CL	282		282.4		
13	17+20.81	19+12.00	SB TRANSITION	RIGHT	428		428.2		
13	17+20.81	20+25.00	SB TRANSITION	LEFT	441		441.3		
12-13	735+92.90	750+33.00	EXISTING US67	LEFT	1,100		1,099.8		
12-13	743+79.39	747+47.10	EXISTING US67	RIGHT	298		297.5		
4	660+75.00	668+00.00	PROPOSED US67	RIGHT	644		644.4		ALTERNATE C/D SHOULDERS
4	660+75.00	668+00.00	PROPOSED US67	LEFT	644		644.4		
5	668+00.00	682+00.00	PROPOSED US67	RIGHT	1,244		1,244.4		
5	668+00.00	682+00.00	PROPOSED US67	LEFT	1,244		1,244.4		
6	682+00.00	696+00.00	PROPOSED US67	RIGHT	1,244		1,244.4		
6	682+00.00	696+00.00	PROPOSED US67	LEFT	1,244		1,244.4		
7	696+00.00	710+00.00	PROPOSED US67	RIGHT	1,244		1,244.4		
7	696+00.00	710+00.00	PROPOSED US67	LEFT	1,244		1,244.4		
8	710+00.00	724+00.00	PROPOSED US67	RIGHT	1,244		1,244.4		
8	710+00.00	724+00.00	PROPOSED US67	LEFT	1,244		1,244.4		
9	724+00.00	738+00.00	PROPOSED US67	RIGHT	1,244		1,244.4		
9	724+00.00	738+00.00	PROPOSED US67	LEFT	1,244		1,244.4		
10	738+00.00	752+00.00	PROPOSED US67	RIGHT	1,244		1,244.4		
10	738+00.00	752+00.00	PROPOSED US67	LEFT	1,244		1,244.4		
11	752+00.00	758+38.04	PROPOSED US67	RIGHT	567		567.1		
11	752+00.00	757+48.04	PROPOSED US67	LEFT	487		487.1		
11	760+33.91	766+00.00	PROPOSED US67	RIGHT	503		503.2		
11	759+43.91	766+00.00	PROPOSED US67	LEFT	583		583.2		
12	766+00.00	768+17.57	PROPOSED US67	RIGHT	193		193.4		
12	766+00.00	770+67.61	PROPOSED US67	LEFT	416		415.6		
12	2+67.59	11+36.50	NB TRANSITION	LEFT	673		673.2		
12	2+67.59	7+25.00	NB TRANSITION	RIGHT	166		166.4		
12	5+17.57	13+84.19	SB TRANSITION	LEFT	303		302.5		
12	5+17.57	12+15.00	SB TRANSITION	RIGHT	546		546.3		
12	16+49.08	17+20.81	SB TRANSITION	LEFT	58		58.3		
13	17+20.81	20+25.00	SB TRANSITION	LEFT	237		236.5		
11	7+50.00	9+35.00	WOR	CL		486		54	INCLUDES DRIVEWAY AGGREGATE
11	9+35.00	9+65.63	WOR	CL	95	95			ALTERNATE E/F PAVEMENT
11	10+93.49	16+00.00	WOR	CL	1,576	1,576			
12	16+00.00	16+58.66	WOR	CL	245	245			
12			CR352			40		4	TEMPORARY ENTRANCE TO SMOODY PROPERTY
				TOTAL	100,595	2,442	98,680.2	58	

STATE OF MISSOURI

ANDREW R. SCHLUCHTING

NUMBER PE-2008018777

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/3/2023

ROUTE 67

STATE MO

DISTRICT SE

SHEET NO. 3

COUNTY BUTLER

JOB NO. J9P3751

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)

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

OVERLAY											
SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	ASPHALTIC CONCRETE MIXTURE PG 70-22 (SP125C MIX) (TONS)	ASPHALTIC CONCRETE MIXTURE PG 70-22 (SP250C MIX) (TONS)	TACK COAT (GAL)	BITUMINOUS CENTERLINE RUMBLE STRIP (STA)	BITUMINOUS SHOULDER RUMBLE STRIP (STA)	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS) (SQYD)	REMARKS
13	19+12.00	20+50.00	SB CROSSEVER	RT			18	1.4	1.4	92	ASSUME HALF LANE
13	20+50.00	21+52.86	SB CROSSEVER	RT			28	1.0	1.0	137	ASSUME FULL LANE
13	20+25.00	21+25.00	SB CROSSEVER	LT			14		1.0	67	ASSUME HALF LANE
13	21+25.00	21+52.87	SB CROSSEVER	LT			8		0.3	37	ASSUME FULL LANE
13	19+12.00	21+52.87	SB CROSSEVER	RT/LT		70.1					
13	19+12.00	21+52.87	SB CROSSEVER	RT	50.6		108				
13	20+25.00	21+52.87	SB CROSSEVER	LT	26.9		56				
13	18+12.00	19+12.00	SB CROSSEVER	RT	21.0	22.4	22			111	OVERLAY TRANSITION DURING CONSTRUCTION
13	19+25.00	20+25.00	SB CROSSEVER	LT	21.0	22.4	22			111	OVERLAY TRANSITION DURING CONSTRUCTION
											TACK COAT QTY INCREASED DUE TO STAGE CONSTRUCTION
				TOTALS	119.5	114.9	276	2.4	3.7	555	

CONCRETE APPROACH PAVEMENT						
SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	CONCRETE APPROACH PAVEMENT (SQYD)	REMARKS
11	757+48.04	757+71.04	PROPOSED US67	LEFT	143.6	
11	758+98.91	759+43.91	PROPOSED US67	LEFT	143.6	
11	758+38.04	758+83.04	PROPOSED US67	RIGHT	143.6	
11	760+10.91	760+33.91	PROPOSED US67	RIGHT	143.6	
				TOTALS	574.2	

GUARDRAIL													
SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	MGS GUARDRAIL (LF)	MGS GUARDRAIL, 8 FT. POSTS, 6 FT. - 3 IN. SPACING (LF)	TYPE D GUARDRAIL (LF)	MGS BRIDGE APPROACH TRANSITION SECTION (EXTENDED CURB) (EA)	MGS LONG SPAN GUARDRAIL SECTION (EA)	TYPE A CRASHWORTHY END TERMINAL (MASH) (EA)	MGS END ANCHOR (EA)	CHAIN-LINK FENCE (72 IN.) (LF)	REMARKS
5	677+66.81	681+57.33	PROPOSED US67	RIGHT	213				1	1	1		EPPS DITCH BOX CULVERT
7	701+71.97	702+62.50	PROPOSED US67	RIGHT	213				1	1	1		EPPS DITCH BOX CULVERT
8	713+50.00	713+74.87	PROPOSED US67	RIGHT			25						END OF CR340, INCL. FLARED END SHOES
11	755+19.70	758+58.33	PROPOSED US67	RIGHT	250			1		1			
11	756+32.70	758+96.33	PROPOSED US67	RIGHT	175			1		1			
11	757+48.00	757+48.00	PROPOSED US67	RIGHT			25						END OF WOR, INCL. FLARED END SHOES
11	754+69.99	757+68.33	PROPOSED US67	LEFT	250			1			1		
11	758+85.61	761+49.25	PROPOSED US67	LEFT	175			1		1			
11	759+23.61	762+62.25	PROPOSED US67	LEFT	250			1		1			
12	776+82.70	776+82.70	PROPOSED US67	LEFT			38						ON EX US67, INCL. FLARED END SHOES
12	777+03.90		PROPOSED US67	LEFT								40	ON EX 67, INCLUDES FENCE SLATS
12-13	16+35.10	18+75.00	SB CROSSEVER	LEFT	238						1		ALONG CROSSEVER PAVEMENT
13	18+75.00	21+54.00	SB CROSSEVER	LEFT		225				1			ALONG CROSSEVER PAVEMENT
				TOTALS	1,763	225	88	5	2	7	4	40	



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/3/2023

ROUTE 67	STATE MO
DISTRICT SE	SHEET NO. 3

COUNTY
BUTLER

JOB NO.
J9P3751

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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SPRINGFIELD, MO 65807 (417) 869-6009
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
3/5/2023

ROUTE 67	STATE MO
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DISTRICT	SHEET NO.
SE	3

COUNTY
BUTLER

JOB NO.
J9P3751

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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 Crawford Engineering
1631 W. SPRING
ENGINEERING

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11/11/2016

PIPE COLLARS, FLARED END SECTIONS, AND ROCK LINING										
SHEET	CULVERT SECTION SHEET	FROM STRUCTURE	TO STRUCTURE	ROCK LINING (CUYD)	18 IN. OR ALLOWED SUBSTITUTE GROUP B FLARED END SECTION (EA)	18 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION (EA)	24 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION (EA)	30 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION (EA)	36 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION (EA)	REMARKS
4	1	F2	F1	3		2				
5	1	F3	F32	4			2			
5	1	F4	F33	4			2			
6	1	F7	F5	4			2			
6	2	F6	F34	5			2			
7	2	F9	F35	5			2			
7	2	F11	F8	5		2				
7	2	F14	F12	3		2				
8	3	F13	F36	3		2				
8	3	F16	F37	3		2				
8	3	F15	F38	5			2			
8	3	F17	F19	5			2			
9	3	F39	F40	7				2		
9	3	F18	F41	6				2		
10	4	F22	F42	3		2				
10	4	F23	F45	4			2			
11	4	F21	F25	9					2	
11	4	A100		2						
11	5	B101		2						
11	5	B102		2						
11	5	A103		2						
11	5	A104		2						
11	6	B105		2						
11	6	B106		2						
11	6	F27	F43	3		2				
11		F300	F301	2	2					WOR DRIVEWAY
12	7	F29	F26	3		2				
12	7	F28	F110	3		2				
12	7	F30	F31	3		2				
12	7	F46	F47	4			2			
12				3	2					TEMPORARY ENTRANCE TO SMODY PROPERTY
			TOTALS	113	4	20	18	4	2	

DRAINAGE STRUCTURES												
STRUCTURE NUMBER	SHEET	CULVERT SECTION SHEET	SHEET	OFFSET	ROADWAY	STANDARD	TYPE	ACTUAL DEPTH	CLASS 3 EXCAVATION (CUYD)	DRAIN BASIN (EA)	PIPE OPENINGS (NUMBER-SIZE)	REMARKS
A100	11	4	757+54.46	62.00' LT	US 67	609.40S	A 4 X 2	4.00	2	1	1-12"	
B101	11	5	757+92.46	27.00' LT	US 67	609.40S	A 2 X 2	3.25	0	1	1-12"	
B102	11	5	758+44.46	27.00' RT	US 67	609.40S	A 2 X 2	3.25	0	1	1-12"	
A103	11	5	758+74.46	62.00' RT	US 67	609.40S	A 4 X 2	3.25	0	1	1-12"	
A104	11	5	759+07.49	62.00' LT	US 67	609.40S	A 4 X 2	3.25	9	1	1-12"	
B105	11	6	759+37.49	27.00' LT	US 67	609.40S	A 2 X 2	3.25	9	1	1-12"	
B106	11	6	759+89.49	27.00' RT	US 67	609.40S	A 2 X 2	3.25	7	1	1-12"	
A107	11	6	760+27.49	62.00' RT	US 67	609.40S	A 4 X 2	3.25	7	1	1-12"	
								TOTALS	34 *	8		

* SEE EARTHWORK TABLE FOR TOTAL

EROSION CONTROL															
SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	FURNISHING TYPE 2 ROCK BLANKET (CUYD)	PLACING TYPE 2 ROCK BLANKET (CUYD)	PERMANENT EROSION CONTROL GEOTEXTILE (SQYD)	SEDIMENT TRAP EXCAVATION (CUYD)	SEDIMENT TRAP ROCK (CUYD)	ROCK DITCH CHECK (LF)	ALTERNATE DITCH CHECK (LF)	SEDIMENT REMOVAL (CUYD)	SILT FENCE (LF)	TYPE 1 TURF REINFORCEMENT MAT (SQYD)	REMARKS
59	663+43		PROP. US67	LT							21	1			
59	666+43		PROP. US67	LT							20	1			
59	664+17		PROP. US67	CL						31		1			
59	664+34		PROP. US67	CL						31		1			
59	664+16		PROP. US67	RT						22		1			
59	667+16		PROP. US67	RT							16	1			
60	669+43		PROP. US67	LT							19	1			
60	672+43		PROP. US67	LT							18	1			
60	675+43		PROP. US67	LT						22		1			
60	675+60		PROP. US67	LT						22		1			
60	678+60		PROP. US67	LT							17	1			
60	678+78	679+55	PROP. US67	LT										69	
60	680+05	680+86	PROP. US67	LT										72	
60	670+32		PROP. US67	CL						31		1			
60	670+49		PROP. US67	CL						31		1			
60	673+49		PROP. US67	CL							26	1			
60	676+49		PROP. US67	CL							27	1			
60	679+25		PROP. US67	CL							27	1			
60	679+33	679+85	PROP. US67	CL										46	
60	680+60	680+81	PROP. US67	CL										19	
60	670+30		PROP. US67	RT						20		1			
60	672+41		PROP. US67	RT							16	1			
60	675+41		PROP. US67	RT						20		1			
60	677+29		PROP. US67	RT							16	1			
60	680+23		PROP. US67	RT				1.4	2			10			
60	680+77		PROP. US67	RT						20		1			
60	681+19		PROP. US67	RT				1.4	2			10			
60	680+29	681+06	PROP. US67	LT & RT								5	504		
60	680+45	681+13	PROP. US67	RT	164	164									2' DEEP
60	680+45	681+13	PROP. US67	RT			246								
61	682+92		PROP. US67	LT						20		1			
61	683+09		PROP. US67	LT						20		1			
61	686+09		PROP. US67	LT							17	1			
61	689+09		PROP. US67	LT							20	1			
61	692+09		PROP. US67	LT							23	1			
61	695+09		PROP. US67	LT							26	1			
61	683+67		PROP. US67	CL							23	1			
61	686+67		PROP. US67	CL							21	1			
61	689+67		PROP. US67	CL						26		1			
61	689+84		PROP. US67	CL						26		1			
61	692+84		PROP. US67	CL							23	1			
61	683+10		PROP. US67	RT						20		1			
61	686+10		PROP. US67	RT							16	1			
61	689+10		PROP. US67	RT							16	1			
61	689+86		PROP. US67	RT						20		1			
61	692+86		PROP. US67	RT							20	1			
62	697+98		PROP. US67	LT							24	1			
62	699+48		PROP. US67	LT						25		1			
62	699+66		PROP. US67	LT						25		1			
62	703+00		PROP. US67	LT							21	1			
62	703+75		PROP. US67	LT						24		1			
62	703+92		PROP. US67	LT						24		1			
62	703+85	704+80	PROP. US67	LT										85	
62	705+55	706+45	PROP. US67	LT										80	
62	706+37		PROP. US67	LT						23		1			
62	706+54		PROP. US67	LT						23		1			
62	709+54		PROP. US67	LT							21	1			
62	696+42		PROP. US67	CL							24	1			
62	699+42		PROP. US67	CL						27		1			
62	699+59		PROP. US67	CL						27		1			
62	702+59		PROP. US67	CL							23	1			
62	704+19	704+50	PROP. US67	CL										28	
62	705+25	705+62	PROP. US67	CL										33	
62	707+91		PROP. US67	CL							21	1			
62	696+40		PROP. US67	RT							20	1			
				SUBTOTAL 1	164	164	246	2.8	4	580	582	77	504	432	

CONTINUES ON NEXT SHEET

ROUTE 67

SUMMARY OF QUANTITIES

SHEET 9 OF 16



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
3/3/2023

ROUTE 67	STATE MO
-------------	-------------

DISTRICT	SHEET NO.
SE	3

COUNTY
BUTLER

JOB NO.
J9P3751

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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ALTERNATE E (ASPHALT) PAVEMENT							
SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	7 INCHES, BITUMINOUS PAVEMENT (SQYD)	BITUMINOUS SHOULDER RUMBLE STRIP (STA)	REMARKS
11	9+35.00	9+65.63	WOR	CL	95.3	0.6	
11	10+93.49	16+00.00	WOR	CL	1,575.8	9.2	
12	16+00.00	16+58.66	WOR	CL	244.8	0.6	SEE AGGREGATE BASE SCHEDULE FOR WOR STA. 7+50 TO 9+35
				TOTALS	1,915.9	10.4	

ALTERNATE F (CONCRETE) PAVEMENT							
SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	CONCRETE PAVEMENT (7 IN. NON-REINF) (SQYD)	PORTLAND CEMENT CONCRETE SHOULDER RUMBLE STRIP (STA)	REMARKS
11	9+35.00	9+65.63	WOR	CL	95.3	0.6	
11	10+93.49	16+00.00	WOR	CL	1,575.8	9.2	
12	16+00.00	16+58.66	WOR	CL	244.8	0.6	SEE AGGREGATE BASE SCHEDULE FOR WOR STA. 7+50 TO 9+35
				TOTALS	1,915.9	10.4	

STATE OF MISSOURI

ANDREW R. SCHLUCHTING

NUMBER PE-2009018777

PROFESSIONAL ENGINEER

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DATE PREPARED 3/3/2023

ROUTE 67

DISTRICT SE

STATE MO

SHEET NO. 3

COUNTY BUTLER

JOB NO. J9P3751

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DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

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1631 WEST LINDALE STREET

SPRINGFIELD, MO 65807 (417) 869-6009

ENGINEERING CORPORATION - 000631

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[illegible]

SUMMARY OF QUANTITIES
SHEET 16 OF 16

NOTES:

CHANGEABLE MESSAGE BOARD LOCATIONS AND MESSAGES TO BE DETERMINED BY THE ENGINEER.

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

SIGN QUANTITIES HAVE BEEN ESTIMATED. TEMPORARY TRAFFIC CONTROL SHALL FOLLOW AT A MINIMUM MUTCD STANDARDS, LATEST EDITION.

ALL WARNING SIGNS SHALL HAVE FLORESCENT SHEETING.

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[illegible]

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

JEFF MOEN
Civil Engineering Design

13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021

Phone 314/351-1570
Fax 314/351-1571
Missouri Certificate of Authority: 001570

DESIGN DESIGNATION

A.A.D.T. - 2022 = 11,500

A.A.D.T. - 2042 = 15,500

D.H.V. = 10%

T = 15%

V = 70 M.P.H.

D = 50%

FUNCTIONAL CLASSIFICATION-INTERSTATE (FUTURE)

FULLY CONTROLLED ACCESS HIGHWAY

THIS SHALL BE A FULLY CONTROLLED ACCESS HIGHWAY BETWEEN STA. 529+00.00 AND STA. 622+69.53 NO ABUTTING OWNER SHALL HAVE THE RIGHT OF DIRECT ACCESS TO SAID HIGHWAY OR ITS RIGHT-OF-WAY EXCEPT THAT ACCESS WILL BE PERMITTED TO ANY ADJACENT OUTER ROADWAY OR SERVICE ROAD TO WHICH ACCESS IS NOT SPECIFICALLY PROHIBITED BY THE SPECIAL SYMBOL DENOTING "NO RIGHT OF ACCESS" AS SHOWN ON THE PLANS. NO ACCESS WILL BE PERMITTED FROM OUTER ROADWAYS AND SERVICE ROADS TO THROUGHWAYS EXCEPT ALONG ROUTES CONSTRUCTED FOR THAT PURPOSE. OUTER ROADWAYS AND SERVICE ROADS, AS THE CASE MAY BE, ARE SO DESIGNATED ON THE PLANS.

- BEGINNING AND ENDING OF CONTROLLED ACCESS
- CONTROLLED ACCESS
- NO RIGHT OF ACCESS OR CROSSING OF LINES BEARING THIS SYMBOL WILL BE PERMITTED UNDER ANY CIRCUMSTANCES.
- TEMPORARY ACCESS THROUGH FUTURE NO RIGHT OF ACCESS

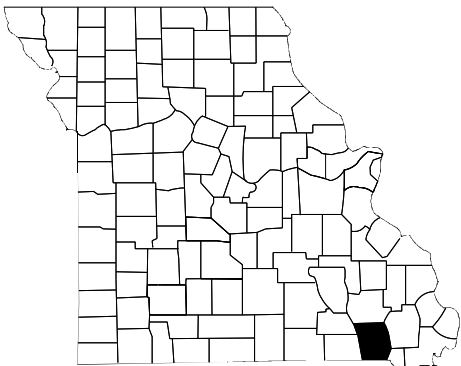
CONVENTIONAL SYMBOLS

(USED IN PLANS)

- EXISTING NEW
- BUILDINGS AND STRUCTURES
- GUARD RAIL
- GUARD CABLE
- CONCRETE RIGHT-OF-WAY MARKER
- STEEL RIGHT-OF-WAY MARKER
- LOCATION SURVEY MARKER
- UTILITIES
- FIBER OPTICS
- OVERHEAD CABLE TV
- UNDERGROUND CABLE TV
- OVERHEAD TELEPHONE
- UNDERGROUND TELEPHONE
- OVERHEAD POWER
- UNDERGROUND POWER
- SANITARY SEWER
- STORM SEWER
- GAS
- WATER
- MANHOLE
- FIRE HYDRANT
- WATER VALVE
- WATER METER
- DROP INLET
- DITCH BLOCK
- GROUND MOUNTED SIGN
- LIGHT POLE
- H-FRAME POWER POLE
- TELEPHONE PEDESTAL
- FENCE
- CHAIN LINK
- WOVEN WIRE
- GATE POST
- BENCHMARK
- PERMANENT DRAINAGE EASEMENT
- PERMANENT UTILITY EASEMENT
- TEMPORARY CONSTRUCTION EASEMENT
- NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY
BUTLER COUNTY

TOWNSHIP 23 NORTH, RANGE 5 EAST
SECTIONS 3, 9, 10, 15, 16, 21 & 22

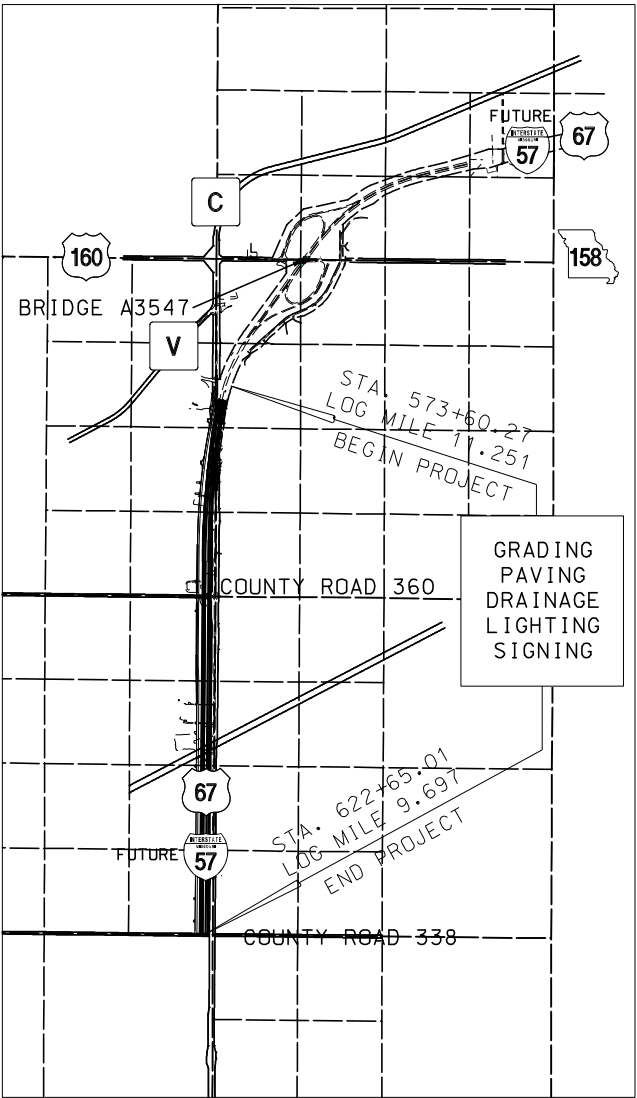


KEY MAP

SHOWING LOCATION OF
BUTLER COUNTY

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.

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.



N. T. S.

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INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (6 SHEETS)---	2
QUANTITIES (QU) (17 SHEETS)-----	3
PLAN SHEETS (PS)-----	4-11
PROFILE SHEETS (PR)-----	12-22
RIGHT OF WAY (RW)-----	23-30
REFERENCE POINTS (RP)-----	31
COORDINATE POINTS (CP)-----	32-35
SPECIAL SHEETS (SS)-----	36-41
TRAFFIC CONTROL SHEETS (TC)-----	42-72
EROSION CONTROL SHEETS (EC)-----	73-80
SIGNING (SN)-----	81-89
PAVEMENT MARKING (PM)-----	90-104
CULVERT SECTIONS (CS)-----	105-111
CROSS SECTIONS (XS)-----	1-107

LENGTH OF PROJECT

BEGINNING OF PROJECT	STA. 573 + 60.27
END OF PROJECT	STA. 622 + 65.01
APPARENT LENGTH	4,904.74 FEET
EQUATIONS AND EXCEPTIONS:	
STA. 584+53.13 (BK)	+3,789.93 FEET
STA. 546+63.20 (AH)	

TOTAL CORRECTIONS	+3,789.93 FEET
NET LENGTH OF PROJECT	8,694.67 FEET
STATE LENGTH	1.647 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	44 ACRES



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED

2/29/2024

ROUTE STATE

67 MO

DISTRICT SHEET NO.

SE 1

COUNTY

BUTLER

J9P3764

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

CMT

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CRAWFORD, MURPHY & TILLY, INC.

1631 WEST LINDALE STREET

SPRINGFIELD, MO 65807 (417) 869-6009

ENGINEERING CORPORATION - 000631

REV.

EQUIVALENT PAVEMENT DESIGNS		
CATEGORY	BASE TYPE**	HMA DESIGN
US 67 MAINLINE ALTERNATE G	6" TYPE 5 AGGREGATE BASE WITH GEOGRID BASE REINFORCEMENT*	12.5" HMA 1-3/4" SP125C W/PG 70-22 OVER 3" SP250C W/PG 70-22 OVER 7-3/4" SP250C W/PG 64-22
	12" ROCK BASE ***	11.5" HMA 1-3/4" SP125C W/PG 70-22 OVER 3" SP250C W/PG 70-22 OVER 6-3/4" SP250C W/PG 64-22
	18" ROCK BASE ***	11.0" HMA 1-3/4" SP125C W/PG 70-22 OVER 3" SP250C W/PG 70-22 OVER 6-1/4" SP250C W/PG 64-22
OUTER ROADS ALTERNATE K	6" TYPE 5 AGGREGATE BASE	7.0" HMA 1-3/4" BP W/PG 64-22 OVER 5-1/4" BB W/PG 64-22

NOTE: ALL SLOPES STEEPER THAN 3:1
WILL REQUIRE ROCK BLANKET, SEE EROSION
CONTROL PLANS FOR ROCK BLANKET LOCATION

BASE INCIDENTAL FOR A2 SHOUDLERS

- * INCLUDES SEPARATION GEOTEXTILE
- ** SECTION 205 - MODIFIED SUBGRADE SHALL BE USED ON ALL PAVEMENT DESIGNS IN ADDITION TO THE BASE REQUIREMENTS.
- *** DESIGNS FOR ALTERNATE TECHNICAL CONCEPT - GRADING, BASE AND PAVING, SEE JSPS PAY LIMITS FOR ROCK BASE END AT OUTSIDE EDGE OF SHOULDER

ASPHALT APPLICATION RATES:
ASPHALTIC CONCRETE MIXTURE PG 70-22 (SP125C MIX)= 1.927 TON/C.Y.
ASPHALTIC CONCRETE MIXTURE PG 70-22 (SP250C MIX)= 1.946 TON/C.Y.
ASPHALTIC CONCRETE MIXTURE PG 64-22 (SP250C MIX)= 1.946 TON/C.Y.
BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1) = 1.948 TON/C.Y.
BITUMINOUS PAVEMENT MIXTURE PG64-22 (BASE) = 1.943 TON/C.Y.

TACK COAT
NEW ASPHALT SURFACES 0.05 GAL/S.Y.
EXISTING SURFACES 0.08 GAL/S.Y.
COLDMILLED SURFACES 0.10 GAL/S.Y.

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THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
3/24/2023

ROUTE
67

STATE
MO

DISTRICT
SE

SHEET NO.
2

COUNTY
BUTLER

JOB NO.
J9P3764

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

DATE

DATE

DATE

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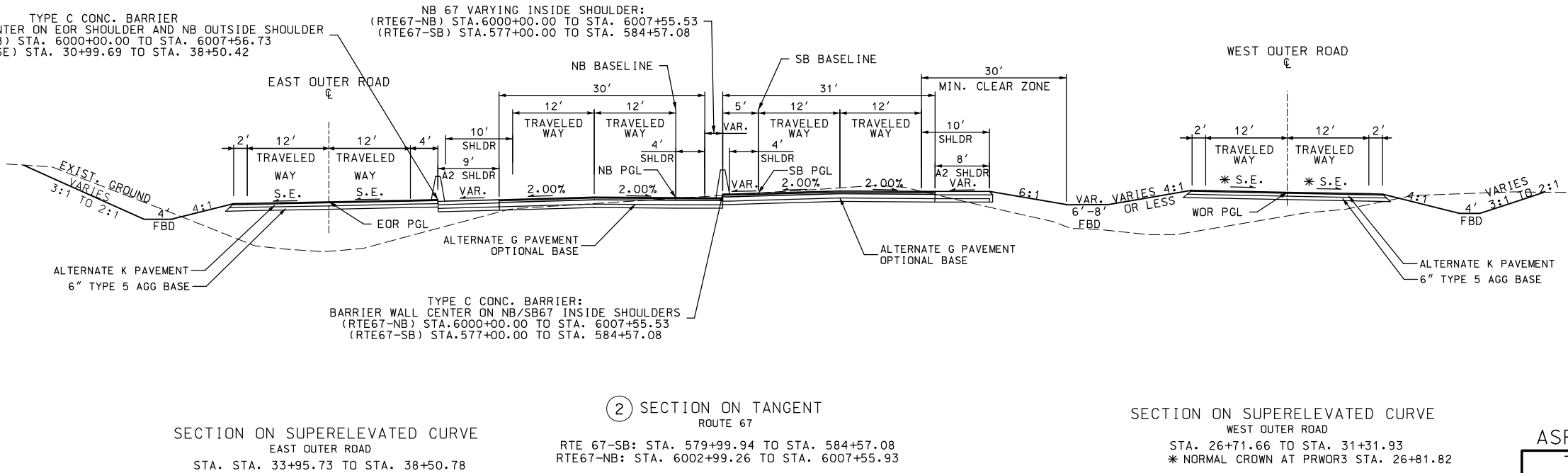
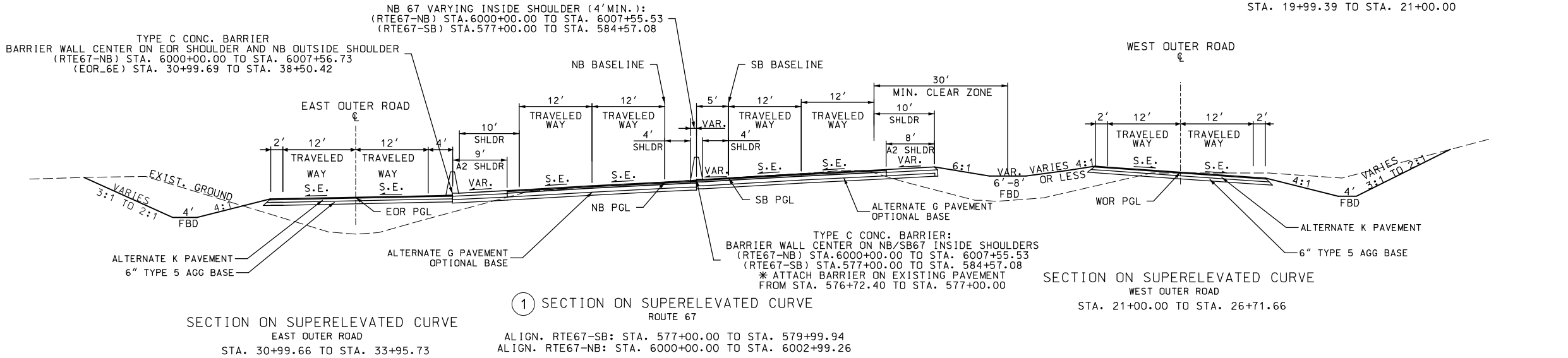
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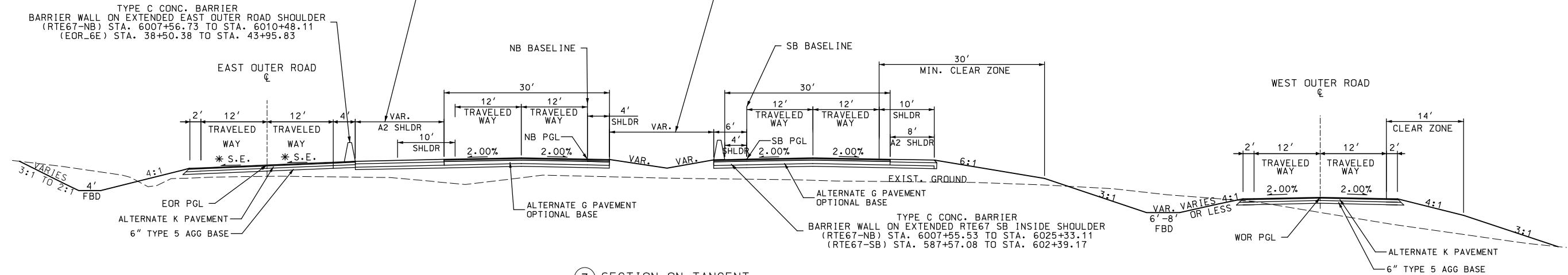
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ASPHALT ALTERNATIVES
TYPICAL SECTIONS
SHEET 1 OF 6

NOTE: ALL SLOPES STEEPER THAN 3:1
WILL REQUIRE ROCK BLANKET, SEE PLANS
FOR ROCK BLANKET LOCATION

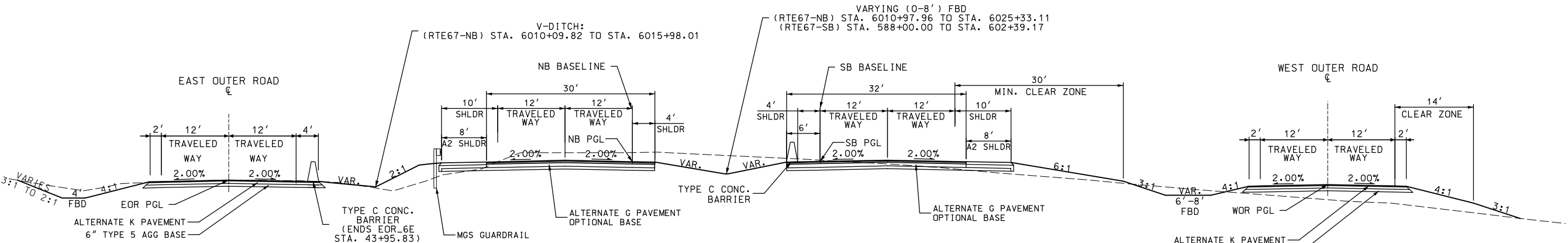
BASE INCIDENTAL FOR A2 SHOUDLERS



SECTION ON SUPERELEVATED CURVE
EAST OUTER ROAD
STA. 38+50.78 TO 41+92.53
* NORMAL CROWN AT EOR_6E STA. 42+63.51

SECTION ON TANGENT
ROUTE 67
RTE 67-SB: STA. 584+57.06 TO STA. 588+00.00
RTE67-NB: STA. 6007+55.93 TO STA. 6010+98.31

SECTION ON TANGENT
WEST OUTER ROAD
STA. 31+31.93 TO STA. 33+77.40



SECTION ON TANGENT
EAST OUTER ROAD
STA. 41+92.53 TO STA. 45+00.00

SECTION ON TANGENT
ROUTE 67
RTE 67-SB: STA. 588+00.00 TO STA. 591+00.00
RTE67-NB: STA. 6010+98.31 TO STA. 6013+97.67

SECTION ON TANGENT
WEST OUTER ROAD
STA. 34+77.40 TO STA. 37+79.68

ASPHALT ALTERNATIVES
TYPICAL SECTIONS
SHEET 2 OF 6

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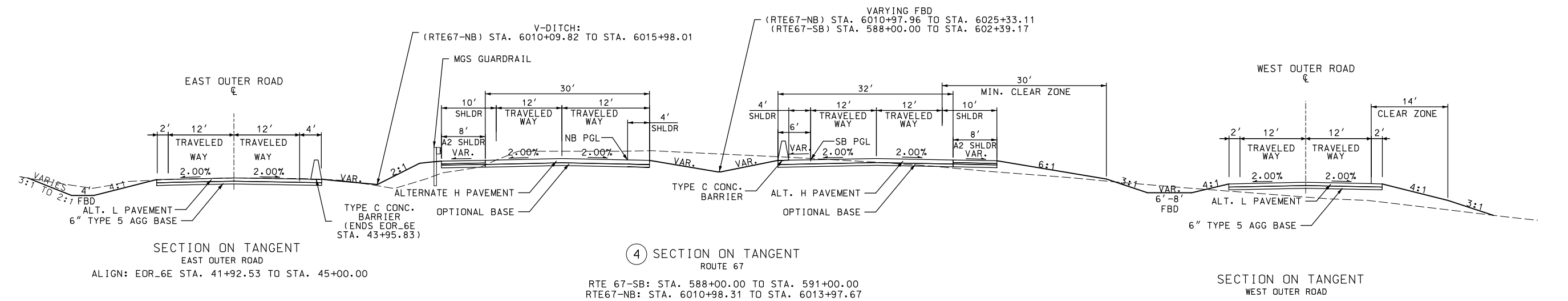
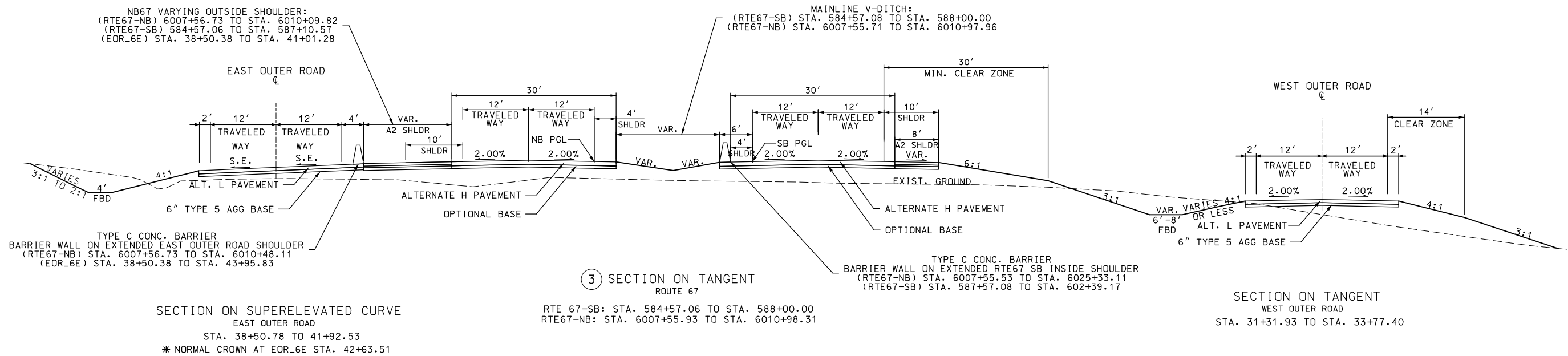
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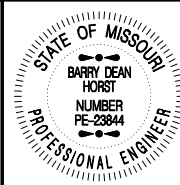
NOTE: ALL SLOPES STEEPER THAN 3:1
WILL REQUIRE ROCK BLANKET, SEE PLANS
FOR ROCK BLANKET LOCATION

BASE INCIDENTAL FOR A2 SHOUDLERS



CONCRETE ALTERNATIVES
TYPICAL SECTIONS
SHEET 5 OF 6

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THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
3/24/2023

ROUTE
67

STATE
MO

DISTRICT
SE

SHEET NO.
2

COUNTY
BUTLER

JOB NO.
J9P3764

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

DATE

DATE

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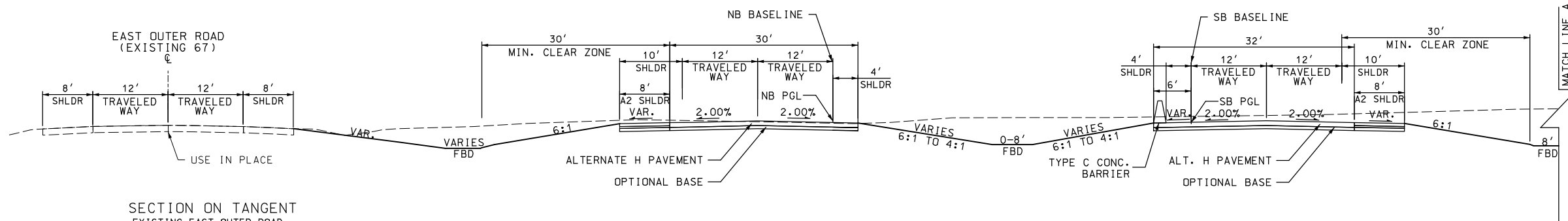
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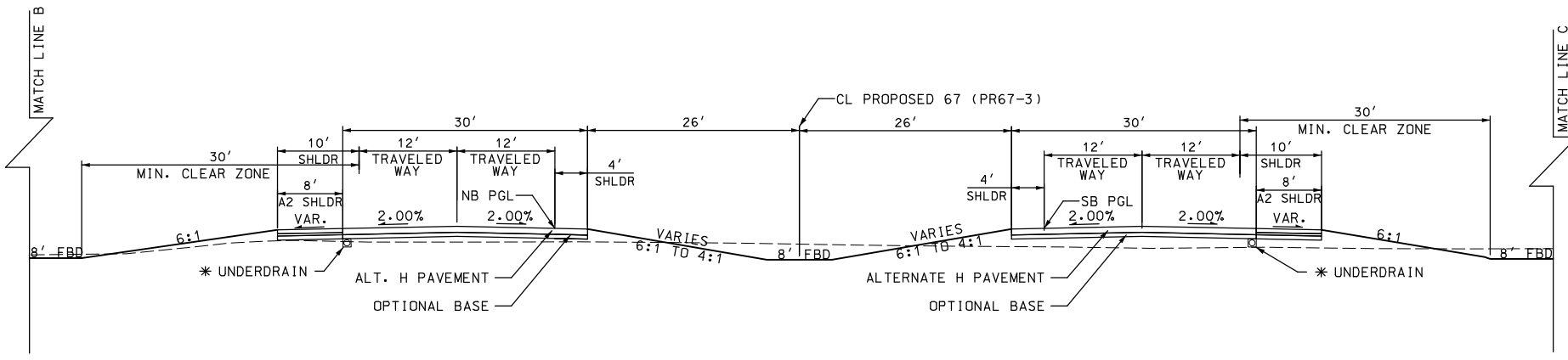
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



SECTION ON TANGENT
EXISTING EAST OUTER ROAD
STA. 554+58.81 TO STA. 622+65.01 (ALIGN: RTE67_EXCOMB)
FULL DEPTH REPLACEMENT ENDS STA. 45+00.00 (ALIGN: EOR_6E)

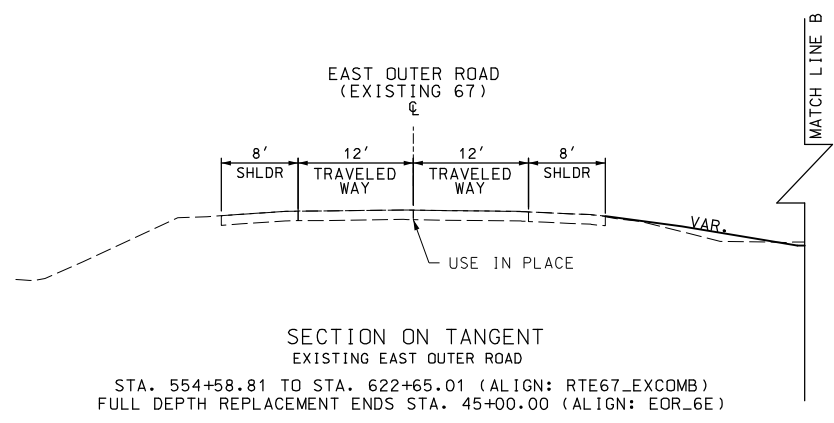
5 SECTION ON TANGENT
ROUTE 67

ALIGN. RTE67-SB: STA. 591+00.00 TO STA. 602+39.17
ALIGN. RTE67-NB: STA. 6013+97.67 TO STA. 6025+33.11

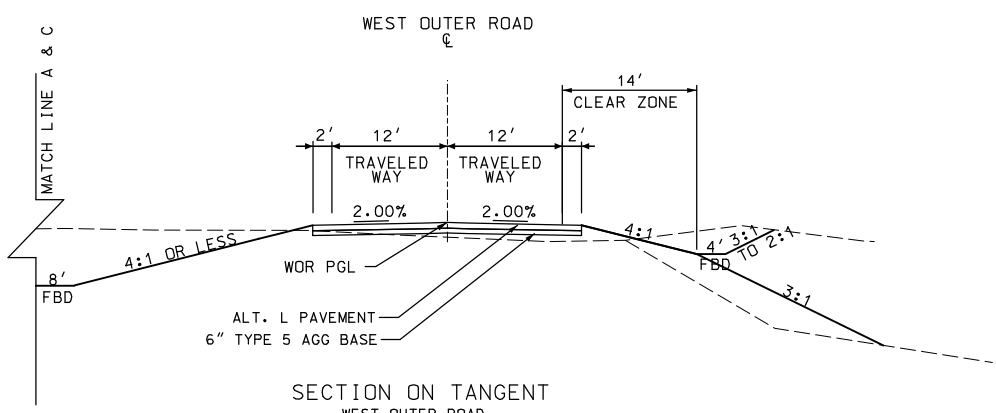


6 SECTION ON TANGENT
ROUTE 67
ALIGN. PR67-3: STA. 602+39.17 TO STA. 660+75.00

* UNDERDRAINS FOR PROPOSED 67 NB/SB
OUTSIDE LANES TO BE CONSTRUCTED
FROM STA. 620+00 TO 660+75



SECTION ON TANGENT
EXISTING EAST OUTER ROAD
STA. 554+58.81 TO STA. 622+65.01 (ALIGN: RTE67_EXCOMB)
FULL DEPTH REPLACEMENT ENDS STA. 45+00.00 (ALIGN: EOR_6E)



SECTION ON TANGENT
WEST OUTER ROAD
STA. 37+79.68 TO STA. 107+64.00

CONCRETE ALTERNATIVES
TYPICAL SECTIONS
SHEET 6 OF 6

REMOVAL OF IMPROVEMENTS								
SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	DESCRIPTION	UNIT	QUANTITY	REMARKS
4	576+72.40		RTE67_EXCOMB	CL	CRASHWORTHY END TERMINAL	EA	1	
4	577+00.00		RTE67_EXCOMB	LT	CRASHWORTHY END TERMINAL	EA	1	
4	21+00.00	25+67.66	WOR	CL	CONCRETE PAVEMENT	SY	1,449	
4	24+87.57	25+37.77	WOR	RT	CONCRETE PAVEMENT	SY	247	DRIVEWAY
4	25+20.99		WOR	RT	18" PIPE	LF	61	UNDER DRIVEWAY
4	25+65.02		WOR	RT	18" PIPE	LF	40	
4	577+00.00	579+00.00	RTE67-SB	RT/LT	CONCRETE PAVEMENT	SY	1,156	
5	579+00.00	592+07.70	RTE67-SB	RT/LT	CONCRETE PAVEMENT	SY	6,170	
5	45+00.00	46+00.19	EOR	RT	SAWCUT	LF	101	
5	45+00.00	45+99.80	EOR	LT	SAWCUT	LF	100	
5	580+99.91		RTE67_EXCOMB	RT	24" FLARED END SECTION	EA	1	
5	581+00.00		RTE67_EXCOMB	LT	24" FLARED END SECTION	EA	1	
5	33+93.22	34+83.47	EOR	LT	24" PIPE	LF	91	
5	27+66.29	28+01.20	WOR	LT	RIPRAP	SY	190	
5	35+87.48		EOR	LT	18" PIPE	LF	109	
5	36+71.00	37+18.86	EOR	RT	CONCRETE PAVEMENT	SY	61	
5	36+93.21		EOR	LT	18" PIPE	LF	90	
5	38+49.37		EOR	LT	MAILBOX	EA	1	
5	38+49.90		EOR	LT	POST	EA	1	
5	38+56.65		EOR	LT	CONCRETE PAVEMENT	SY	27	DRIVEWAY
5	40+29.23		EOR	LT	12" PIPE	LF	30	
5	41+30.73		EOR	LT	12" PIPE	LF	51	
5	33+48.93		WOR	LT	TREE	EA	1	
5	33+97.44		WOR	LT	CONCRETE PAVEMENT	SY	39	DRIVEWAY
5	34+12.23		WOR	LT	18" PIPE	LF	45	UNDER DRIVEWAY
5	34+86.80		WOR	RT	TREE	EA	1	
5	25+63.25	34+82.95	WOR	RT/LT	FENCE	LF	942	INCLUDE GATE
5	36+64.46		WOR	LT	MAILBOX	EA	1	
5	36+56.70		WOR	LT	18" PIPE	LF	27	
5	20+57.58		EOR	LT	12" PIPE	LF	29	UNDER DRIVEWAY
5	38+54.29		WOR	LT	18" PIPE	LF	31	
5	20+57.58		EOR	LT	TREE	EA	1	
5	36+00.00		WOR	LT	BUILDING	EA	1	
5	589+40.35		PROPOSED US67	RT	FOUNDATION	EA	1	
5	591+80.00		PROPOSED US67	RT	BUILDING	EA	1	
6	41+29.47		WOR	LT	MAILBOX	EA	2	
6	41+18.33		WOR	LT	TREE	EA	1	
6	40+56.07		WOR	LT	TREE	EA	1	
6	39+12.75		WOR	LT	TREE	EA	1	
6	592+25.55	592+65.43	PROPOSED US67	LT	BUILDING	EA	1	
6	592+50.92	593+50.80	PROPOSED US67	LT	BUILDING	EA	1	
6	594+04.01	594+68.87	PROPOSED US67	LT	BUILDING	EA	1	
6	604+11.29		PROPOSED US67	LT	15" PIPE	LF	69	
7	605+00.00		PROPOSED US67	RT	BUILDING	EA	2	
7	606+11.47	606+57.12	PROPOSED US67	RT	BUILDING	EA	1	
7	607+53.31		PROPOSED US67	LT	POST	EA	1	
7	607+51.58	608+22.79	PROPOSED US67	LT	SAWCUT	LF	72	
7	607+88.93		PROPOSED US67	LT	18" PIPE	LF	54	
7	608+00.00	613+50.00	PROPOSED US67	LT/RT	TREE	EA	27	
7	608+75.00		PROPOSED US67	RT	FOUNDATION	EA	1	
8	623+00.00	629+00.00	PROPOSED US67	LT/RT	TREE	EA	25	
8	624+77.81		PROPOSED US67	LT	24" PIPE	LF	33	
8	624+90.00		PROPOSED US67	RT	MAILBOX	EA	1	
8	627+65.58		PROPOSED US67	LT	21" PIPE	LF	26	
8	628+07.91		PROPOSED US67	LT	24" PIPE	LF	41	
8	629+64.79		PROPOSED US67	RT	FOUNDATION	EA	1	
8	630+50.00		PROPOSED US67	RT	FOUNDATION	EA	1	
9	632+40.52		PROPOSED US67	LT	24" PIPE	LF	41	
9	632+27.32	632+64.63	PROPOSED US67	LT	POST	EA	9	
9	631+87.88		PROPOSED US67	RT	TREE	EA	1	
9	632+20.09		PROPOSED US67	RT	TREE	EA	1	
9	633+39.18		PROPOSED US67	RT	FLAG POLE	EA	1	

CONTINUES ON NEXT SHEET

STATE OF MISSOURI

ANDREW R. SCHLICHTING

NUMBER PE-2009018777

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 2/29/2024

ROUTE 67

DISTRICT SE

STATE MO

SHEET NO. 3

COUNTY BUTLER

JOB NO. J9P3764

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)

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

REMOVAL OF IMPROVEMENTS (CONTINUED)								
SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	DESCRIPTION	UNIT	QUANTITY	REMARKS
9	633+41.87		PROPOSED US67	RT	SIGN	EA	1	PRIVATE BRICK SIGN
9	633+62.62		PROPOSED US67	RT	POST	EA	1	
9	633+76.78	634+60.68	PROPOSED US67	LT	BUILDING	EA	1	
9	634+90.00		PROPOSED US67	RT	FABRICATED BUILDING	EA	1	
10	647+20.00	653+20.00	PROPOSED US67	RT/LT	TREE	EA	33	
10	647+65.00		PROPOSED US67	LT	BUILDING	EA	1	
10	647+70.00		PROPOSED US67	RT	BUILDING	EA	1	
10	648+24.45		PROPOSED US67	RT	FOUNDATION	EA	1	
10	657+02.46		PROPOSED US67	RT	TREE	EA	4	
10	654+54.62		PROPOSED US67	LT	24" PIPE	EA	60	
10	655+30.49		PROPOSED US67	LT	FOUNDATION	EA	1	
10	654+56.07		PROPOSED US67	RT	FOUNDATION	EA	1	
10	656+50.00		PROPOSED US67	LT	POLE	EA	1	
10-11	656+50.00	657+24.00	PROPOSED US67	LT	CONCRETE PAVEMENT	SY	340	
10	654+70.00		PROPOSED US67	LT	CONCRETE PAVEMENT	SY	300	DRIVEWAY
11	657+00.00	660+50.00	PROPOSED US67	LT/RT	TREE	EA	27	
11	658+93.08		PROPOSED US67	RT	FOUNDATION	EA	1	
11	658+18.08		PROPOSED US67	LT	24" PIPE	LF	41	
11	660+41.78	661+07.76	PROPOSED US67	LT	SAWCUT	LF	66	
11	660+69.56	660+92.73	PROPOSED US67	RT	SAWCUT	LF	24	
11	660+05.00		PROPOSED US67	RT	FABRICATED BUILDING	EA	1	
11	660+15.00		PROPOSED US67	RT	FABRICATED BUILDING	EA	1	
					SAWCUTS FOR PAVEMENT REMOVAL	LF		INCIDENTAL TO REMOVAL OF IMPROVEMENTS
81	485+76		RTE67_EXCOMB	RT	SIGN	EA	1	STRUCTURAL SIGN
81	511+00		RTE67_EXCOMB	RT	SIGN	EA	1	STRUCTURAL SIGN
81	532+31		RTE67_EXCOMB	RT	SIGN	EA	1	STRUCTURAL SIGN
81	560+20		RTE67_EXCOMB	RT	SIGN	EA	1	W6-1
82	565+00		RTE67_EXCOMB	RT	SIGN	EA	1	W6-3
82	567+50		RTE67_EXCOMB	RT	SIGN	EA	1	R4-7
82	21+50		WOR	RT/LT	SIGN	EA	2	W14-1
82	25+80		WOR	RT/LT	SIGN	EA	3	DM4-1
82	580+10		US67 SB	RT	SIGN	EA	1	R4-17
82	579+00		US67 SB	LT	SIGN	EA	1	W6-1
82	583+50		US67 SB	LT	SIGN	EA	1	W6-3
82	37+40		EOR	LT	SIGN	EA	1	R4-7
82	39+10		EOR	LT	SIGN	EA	1	W6-1
82	585+20		US67 SB	RT	SIGN	EA	1	STRUCTURAL SIGN (R&RELOC.)
82	42+50		EOR	RT	SIGN	EA	1	R4-17
82	42+65		EOR	LT	SIGN	EA	1	R4-1 (R&RELOC.)
83	592+00		US67 SB	LT	SIGN	EA	1	R2-1
83			CR360		SIGN	EA	1	W14-1
83	569+10		RTE67_EXCOMB	RT	SIGN	EA	2	COUNTY SIGN (R&RELOC.)
83	570+05		RTE67_EXCOMB	RT	SIGN	EA	1	R1-1
84	582+90		RTE67_EXCOMB	LT	SIGN	EA	1	R4-7B
84	584+90		RTE67_EXCOMB	LT	SIGN	EA	1	STRUCTURAL SIGN
85	622+40		RTE67_EXCOMB	RT	SIGN	EA	2	COUNTY SIGN (R&RELOC.)
85	622+80.00		RTE67_EXCOMB	RT	SIGN	EA	1	R1-1
90	531+98	539+00	RTE67_EXCOMB	RT	36" SURFACE MOUNT DELINEATOR POST	EA	18	
92	539+00	552+00	RTE67_EXCOMB	RT	36" SURFACE MOUNT DELINEATOR POST	EA	33	
94	552+00	560+13.6	RTE67_EXCOMB	RT	36" SURFACE MOUNT DELINEATOR POST	EA	21	
REMOVAL OF TREES AND BRUSH FELLED DURING UTILITY INSTALLATION TO BE INCIDENTAL TO REMOVAL OF IMPROVEMENTS								
TOTAL = 1 LUMP SUM								

NOTES:

1. CLEARING AND REMOVAL OF DEBRIS AND STRUCTURES WITHIN RIGHT OF WAY AND EASEMENTS IS INCIDENTAL TO REMOVAL OF IMPROVEMENTS.
2. SAWCUTS FOR PAVEMENT REMOVAL ARE INCIDENTAL TO REMOVAL OF IMPROVEMENTS.

ROUTE 67

SUMMARY OF QUANTITIES
SHEET 2 OF 17



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
2/29/2024

ROUTE 67	STATE MO
DISTRICT SE	SHEET NO. 3

COUNTY
BUTLER

JOB NO.
J9P3764

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE							

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-278-6636)

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1631 WEST LINDALE STREET
SPRINGFIELD, MO 65807 (417) 869-6009
ENGINEERING CORPORATION - 000631

PAVEMENT MARKING REMOVAL					
PAVEMENT MARKING SHEET	FROM STATION	TO STATION	ALIGN	PAVEMENT MARKING REMOVAL (LF)	REMARKS
1	529+00	531+98	RTE67_EXCOMB	450	6" RT RTE 67 EDGE LINE
1	531+98	534+45.48	RTE67_EXCOMB	750	12" RT RTE 67 GORE LINE
1	531+98	534+45.48	RTE67_EXCOMB	750	12" RAMP 2 GORE LINE
1	534+45.48	539+00	RTE67_EXCOMB	682	6" RT RTE 67 EDGE LINE
1	534+45.48	537+80.82	RTE67_EXCOMB	504	6" LT RAMP 2 EDGE LINE
3	539+00	552+00	RTE67_EXCOMB	1,950	6" RT RTE 67 EDGE LINE
5	552+00	558+10	RTE67_EXCOMB	915	6" RT RTE 67 EDGE LINE
5	588+10	560+13.94	RTE67_EXCOMB	612	12" RT RTE 67 GORE LINE
5	558+50	560+13.94	RTE67_EXCOMB	495	12" RAMP 1 GORE LINE
5	558+88.24	565+50	RAMP1_1/RTE67_EXCOMB	993	6" RAMP1 & RT RTE 67 EDGE LINE
5	560+13.94	565+50	RTE67_EXCOMB	210	6" RAMP 1/RTE 67 DOTTED TAPER LINE
7	565+50	571+50	RTE67_EXCOMB	225	6" RT RTE 67 DOTTED TAPER LINE
7	565+50	577+00	RTE67_EXCOMB	1,751	6" RT RTE 67 EDGE LINE
7	572+31.53	577+00	RTE67_EXCOMB	846	6" LT RTE 67 EDGE LINE
7	577+00	579+00	RTE67_EXCOMB	240	24" HASH BARS
7	29+00	30+99	EOR_6E	240	4" EAST OUTER ROAD EDGE LINE
9	579+00BK	545+45AH	RTE67_EXCOMB	1,935	6" RTE 67 YELLOW EDGE LINE
9	579+00BK	545+45AH	RTE67_EXCOMB	414	24" HASH BARS
N/A	-	-	-	10,305	TOTAL TCP PAVEMENT MARKING REMOVAL
			TOTAL	24,267	

STATE OF MISSOURI

ANDREW R. SCHLICHTING

NUMBER PE-2009018777

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/24/2023

ROUTE 67

DISTRICT SE

STATE MO

SHEET NO. 3

COUNTY BUTLER

JOB NO. J9P3764

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)

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SPRINGFIELD, MO 65807 (417) 869-6009
ENGINEERING CORPORATION - 000631

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

BASE									
SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	MODIFIED SUBGRADE (SQYD)	TYPE 5 AGGREGATE FOR BASE (6 IN. THICK) (SQYD)	OPTIONAL BASE (SQYD)	REMARKS	
4	577+00.00	579+00.00	SB US67	CL	691		690.7	ALTERNATE A/B PAVEMENTS	
4	6000+00.00	6002+00.00	NB US67	CL	703		703.1		
5	579+00.00	592+00.00	SB US67	CL	4,564		4,563.7		
5	6002+00.00	6015+00.00	NB US67	CL	4,830		4,829.7		
6	592+00.00	602+39.17	SB US67	CL	3,697		3,697.4		
6	6015+00.00	6025+33.11	NB US67	CL	3,442		3,441.9		
6	602+39.17	605+00.00	PROPOSED US67	BOTH	1,739		1,738.9		
7	605+00.00	618+00.00	PROPOSED US67	BOTH	8,667		8,666.7		
8	618+00.00	631+00.00	PROPOSED US67	BOTH	8,667		8,666.7		
9	631+00.00	644+00.00	PRDPOSED US67	BOTH	8,667		8,666.7		
10	644+00.00	657+00.00	PROPOSED US67	BOTH	8,667		8,666.7		
11	657+00.00	660+75.00	PROPOSED US67	BOTH	2,500		2,500.0		
4	577+00.00	579+00.00	SB US67	CL	179		179.1	ALTERNATE C/D SHOULDERS	
4	6000+00.00	6002+00.00	NB US67	CL	198		198.0		
5	579+00.00	592+00.00	SB US67	CL	1,158		1,157.8		
5	6002+00.00	6015+00.00	NB US67	CL	1,315		1,314.7		
6	592+00.00	602+39.17	SB US67	CL	926		925.5		
6	6015+00.00	6025+33.11	NB US67	CL	917		917.0		
6	602+39.17	605+00.00	PROPOSED US67	BOTH	464		463.7		
7	605+00.00	618+00.00	PROPOSED US67	BOTH	2,311		2,311.1		
8	618+00.00	631+00.00	PROPOSED US67	BOTH	2,311		2,311.1		
9	631+00.00	644+00.00	PROPOSED US67	BOTH	2,311		2,311.1		
10	644+00.00	657+00.00	PROPOSED US67	BOTH	2,311		2,311.1		
11	657+00.00	660+79.52	PROPOSED US67	BOTH	667		666.7		
4	30+99.75	33+00.00	EAST OUTER ROAD	CL	665	665		ALTERNATE E/F PAVEMENTS	
4	21+00.00	26+00.00	WEST OUTER ROAD	CL	1,622	1,622			
5	33+00.00	45+00.00	EAST OUTER ROAD	CL	3,982	3,982			
5	26+00.00	39+00.00	WEST OUTER ROAD	CL	4,044	4,044			
6	39+00.00	52+00.00	WEST OUTER ROAD	CL	4,044	4,044			
7	52+00.00	65+00.00	WEST OUTER ROAD	CL	4,306	4,306			
8	65+00.00	78+00.00	WEST OUTER ROAD	CL	4,044	4,044			
9	78+00.00	91+00.00	WEST OUTER ROAD	CL	4,044	4,044			
10	91+00.00	104+00.00	WEST OUTER ROAD	CL	4,044	4,044			
11	104+00.00	107+67.57	WEST OUTER ROAD	CL	1,414	1,414			
4	32+09.43	0+00.00	EOR	LEFT		20			DRIVEWAYS
4	25+21.00	0+00.00	WOR	RIGHT		57			
5	37+00.00	0+00.00	WOR	RIGHT		54			
5	33+85.34	0+00.00	WOR	RIGHT		52			
5	37+00.00	0+00.00	WOR	RIGHT		28			
5	38+74.76	0+00.00	WOR	RIGHT		30			
5	34+48.62	0+00.00	EOR	LEFT		21			
5	35+98.51	0+00.00	EOR	LEFT		18			
5	36+85.39	0+00.00	EOR	LEFT		18			
5	38+80.20	0+00.00	EOR	LEFT		10			
5	40+27.78	0+00.00	EOR	LEFT		9			
5	41+30.12	0+00.00	EOR	LEFT		10			
5	43+86.27	0+00.00	EOR	LEFT		13			
7	52+50.00	0+00.00	WOR	RIGHT		13			
7	57+00.00	0+00.00	WOR	RIGHT		13			
8	71+65.40	0+00.00	WOR	RIGHT		13			
8	74+55.86	0+00.00	WOR	RIGHT		11			
8	76+00.00	0+00.00	WOR	RIGHT		15			
8	77+50.00	0+00.00	WOR	RIGHT		29			
9	81+30.00	0+00.00	WOR	RIGHT		13			
10	92+25.00	0+00.00	WOR	RIGHT		20			
10	95+00.25	0+00.00	WOR	RIGHT		15			
10	102+00.00	0+00.00	WOR	RIGHT		11			
11	105+50.00	0+00.00	WOR	RIGHT		11			
7	10+28.26	11+46.82	PR360	LT/RT		36			
TOTAL					104,111	32,749	71,899.1		

ROUTE 67

SUMMARY OF QUANTITIES

SHEET 5 OF 17



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
3/6/2023

ROUTE 67	STATE MO
DISTRICT SE	SHEET NO. 3

COUNTY
BUTLER

JOB NO.
J9P3764

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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SPRINGFIELD, MO 65807 (417) 869-6009
ENGINEERING CORPORATION - 000631

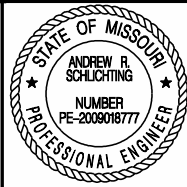
WEST OUTER ROAD COLDMILL & OVERLAY									
SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	BIT. PAVEMENT MIX PG64-22 (BP-1) * (TON)	MODIFIED COLDMILLING (DEPTH TRANS.) (SY)	TACK COAT (GAL)	BITUMINOUS SHOULDER RUMBLE STRIP (STA)	REMARKS
4	19+99.39	21+00.00	PRWOR3	CL	125.0	481	83	1.0	VARIED COLDMILL TRANSITION AND OVERLAY FOR WOR TIE INTO FULL DEPTH
					120.1				* SEE DRIVEWAY SCHEDULE FOR TOTAL
				TOTALS	245.1	481	83	1.0	

GUARDRAIL										
PLAN SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	MGS GUARDRAIL (LF)	MGS VERTICAL CONCRETE BARRIER TRANSITION (EA)	MGS END ANCHOR (EA)	TYPE A CRASHWORTHY END TERMINAL (MASH) (EA)	TYPE C CRASHWORTHY END TERMINAL (EA)	REMARKS
2	6010+09.82	6015+48.11	RTE67-NB	LEFT	475		1	1		
2	43+95.83	44+32.16	EOR	RIGHT		1		1		
3	602+39.17		RTE67-SB	LEFT					1	
				TOTALS	475	1	1	2	1	

MISCELLANEOUS			
MOBILIZATION (LS)	ADDITIONAL MOBILIZATION FOR SEEDING (EA)	DRAINING PONDS (EA)	CONTRACTOR FURNISHED SURVEYING AND STAKING (LS)
1	5	3	1

CLEARING AND GRUBBING						
PLAN SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	CLEARING AND GRUBBING (ACRE)	REMARKS
5	587+87.69	592+00.00	PROPOSED US67	RT/LT	1.9	
6	592+00.00	592+46.02	PROPOSED US67	RT	0.0	
6	593+60.72	594+30.90	PROPOSED US67	RT	0.1	
6	593+85.05	598+95.78	PROPOSED US67	RT/LT	1.9	
6	599+44.27	604+93.30	PROPOSED US67	RT/LT	1.9	
7	609+58.76	610+43.74	PROPOSED US67	RT/LT	0.1	
9	632+01.07	633+39.51	PROPOSED US67	RT/LT	0.4	
10	644+80.09	647+76.40	PROPOSED US67	RT/LT	1.5	
10	648+29.31	655+12.13	PROPOSED US67	RT/LT	1.6	
10	655+79.86	656+67.25	PROPOSED US67	RT/LT	0.0	
			TOTALS		9	

MEDIAN						
SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	CONCRETE TRAFFIC BARRIER, TYPE C (LF)	REMARKS
4	576+72.40	579+00.00	SB US67	LEFT	228	BETWEEN NB AND SB US67
4	31+00.00	33+00.00	EOR	RIGHT	200	BETWEEN NB US67 AND EOR
5	579+00.00	592+00.00	SB US67	LEFT	1,300	BETWEEN NB AND SB US67
5	33+00.00	43+95.83	EOR	RIGHT	1,096	BETWEEN NB US67 AND EOR
6	592+00.00	602+39.17	SB US67	LEFT	1,039	BETWEEN NB AND SB US67
				TOTALS	3,863	



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/6/2023

ROUTE 67
STATE MO
DISTRICT SE
SHEET NO. 3

COUNTY
BUTLER

JOB NO.
J9P3764

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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1631 WEST LINDALE STREET
SPRINGFIELD, MO 65807 (417) 869-6009
ENGINEERING CORPORATION - 000631

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

PAVEMENT MARKING (CONT'D)									
PAVEMNENT MARKING SHEET	STA	STA	ALIGN	6" WHITE LF	6" YELLOW LF	12" WHITE LF	4" WHITE LF	4" YELLOW LF	REMARKS
14	644+00	657+00	PR67-3	650					NB & SB RTE 67 INTER WHITE LANE LINE
14	644+00	657+00	PR67-3	2,600					NB & SB RTE 67 EDGELINE
14	644+00	657+00	PR67-3		2,600				NB & SB RTE 67 EDGELINE
14	91+00	104+00	PRWOR3				2,600		LT & RT WEST OUTER ROAD EDGE LINE
14	91+00	104+00	PRWOR3					2,600	LT & RT WEST OUTER ROAD DOUBLE CENTERLINE
15	657+00	660+75	PR67-3	188					NB & SB RTE 67 INTER WHITE LANE LINE
15	657+00	660+75	PR67-3	750					NB & SB RTE 67 EDGELINE
15	657+00	660+75	PR67-3		750				NB & SB RTE 67 EDGELINE
15	104+00	107+64.11	PRWOR3				616		LT & RT WEST OUTER ROAD EDGE LINE
15	104+00	107+64.11	PRWOR3					613	LT & RT WEST OUTER ROAD DOUBLE CENTERLINE
			SUBTOTAL 2	4,188	3,350	0	3,216	3,213	
			SUBTOTAL 1	22,590	12,995	687	17,202	17,201	
			TOTAL	26,778	16,345	687	20,418	20,414	

PAVEMENT UNDERDRAINAGE						
SHEET	STA.	STA.	ALIGN.	PIPE AGGREGATE PAVEMENT EDGE DRAIN (LF)	OUTLET PIPES AND SPLASH PADS (EA)	REMARKS
8-11	620+00	660+75	PR67-3	8,150		PROPOSED 67 NB & SB OUTSIDE LANES
8	620+00		PR67-3		2	NB & SB OUTER LANE OUTLET
8	622+50		PR67-3		2	NB & SB OUTER LANE OUTLET
8	625+00		PR67-3		2	NB & SB OUTER LANE OUTLET
8	627+50		PR67-3		2	NB & SB OUTER LANE OUTLET
8	630+00		PR67-3		2	NB & SB OUTER LANE OUTLET
9	632+50		PR67-3		2	NB & SB OUTER LANE OUTLET
9	635+00		PR67-3		2	NB & SB OUTER LANE OUTLET
9	637+50		PR67-3		2	NB & SB OUTER LANE OUTLET
9	640+00		PR67-3		2	NB & SB OUTER LANE OUTLET
9	642+50		PR67-3		2	NB & SB OUTER LANE OUTLET
10	645+00		PR67-3		2	NB & SB OUTER LANE OUTLET
10	647+50		PR67-3		2	NB & SB OUTER LANE OUTLET
10	650+00		PR67-3		2	NB & SB OUTER LANE OUTLET
10	652+50		PR67-3		2	NB & SB OUTER LANE OUTLET
10	655+00		PR67-3		2	NB & SB OUTER LANE OUTLET
11	657+50		PR67-3		2	NB & SB OUTER LANE OUTLET
11	660+00		PR67-3		2	NB & SB OUTER LANE OUTLET
			TOTAL	8,150	34	

DRAINAGE MISC.				
SHEET	STATION	ROADWAY	CULVERT CLEANOUT (EA)	REMARKS
5	581+00.00	RTE67_EXCOMB	2	24" PIPE BETWEEN H107 AND F108
6	596+00.00	RTE67_EXCOMB	1	24" PIPE UNDER EXISTING US67
7	608+60.00	PR67-3	1	18" PIPE UNDER EXISTING US67
8	629+70.00	PR67-3	1	36" PIPE UNDER EXISTING US67
11	660+35.00	PR67-3	1	3' X2' BOX UNDER EXISTING US67
		TOTALS	6	

STATE OF MISSOURI

ANDREW R. SCHLICHTING

NUMBER PE-2009018777

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/6/2023

ROUTE 67

STATE MO

DISTRICT SE

SHEET NO. 3

COUNTY BUTLER

JOB NO. J9P3764

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 (1-888-278-6636)

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1631 WEST ELM DALE STREET

SPRINGFIELD, MO 65807 (417) 869-6009

ENGINEERING CORPORATION - 000631

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

ALTERNATE G (ASPHALT) PAVEMENT							
SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	12.5 INCHES, ASPHALTIC CONCRETE PAVEMENT SP125C (SQYD)	BITUMINOUS SHOULDER RUMBLE STRIP (STA)	REMARKS
4	577+00.00	579+00.00	SB US67	CL	690.7	4.0	
4	6000+00.00	6002+00.00	NB US67	CL	703.1	4.0	
5	579+00.00	592+00.00	SB US67	CL	4,563.7	26.0	
5	6002+00.00	6015+00.00	NB US67	CL	4,829.7	26.0	
6	592+00.00	602+39.17	SB US67	CL	3,697.4	20.8	
6	6015+00.00	6025+33.11	NB US67	CL	3,441.9	20.7	
6	602+39.17	605+00.00	PROPOSED US67	BOTH	1,738.9	10.4	
7	605+00.00	618+00.00	PROPOSED US67	BOTH	8,666.7	52.0	
8	618+00.00	631+00.00	PROPOSED US67	BOTH	8,666.7	52.0	
9	631+00.00	644+00.00	PROPOSED US67	BOTH	8,666.7	52.0	
10	644+00.00	657+00.00	PROPOSED US67	BOTH	8,666.7	52.0	
11	657+00.00	660+75.00	PROPOSED US67	BOTH	2,500.0	15.0	
				TOTALS	56,832.2	334.9	

ALTERNATE H (CONCRETE) PAVEMENT							
SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	CONCRETE PAVEMENT (9 1/2 IN. NON-REINFORCED, 15 FT. JOINTS) (SQYD)	PORTLAND CEMENT CONCRETE SHOULDER RUMBLE STRIP (STA)	REMARKS
4	577+00.00	579+00.00	SB US67	CL	690.7	4.0	
4	6000+00.00	6002+00.00	NB US67	CL	703.1	4.0	
5	579+00.00	592+00.00	SB US67	CL	4,563.7	26.0	
5	6002+00.00	6015+00.00	NB US67	CL	4,829.7	26.0	
6	592+00.00	602+39.17	SB US67	CL	3,697.4	20.8	
6	6015+00.00	6025+33.11	NB US67	CL	3,441.9	20.7	
6	602+39.17	605+00.00	PROPOSED US67	BOTH	1,738.9	10.4	
7	605+00.00	618+00.00	PROPOSED US67	BOTH	8,666.7	52.0	
8	618+00.00	631+00.00	PROPOSED US67	BOTH	8,666.7	52.0	
9	631+00.00	644+00.00	PROPOSED US67	BOTH	8,666.7	52.0	
10	644+00.00	657+00.00	PROPOSED US67	BOTH	8,666.7	52.0	
11	657+00.00	660+75.00	PROPOSED US67	BOTH	2,500.0	15.0	
				TOTALS	56,832.2	334.9	

STATE OF MISSOURI

ANDREW R. SCHLICHTING

NUMBER PE-2009018777

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/24/2023

ROUTE 67

DISTRICT SE

STATE MO

SHEET NO. 3

COUNTY BUTLER

JOB NO. J9P3764

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)

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ENGINEERING CORPORATION - 000631

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ALTERNATE I (ASPHALT) SHOULDER						
SHEET	FROM STATION	TO STATION	BASEL INE	LOCATION	TYPE A2 SHOULDER (SQYD)	REMARKS
4	577+00.00	579+00.00	SB US67	CL	179.1	
4	6000+00.00	6002+00.00	NB US67	CL	198.0	
5	579+00.00	592+00.00	SB US67	CL	1,157.8	
5	6002+00.00	6015+00.00	NB US67	CL	1,314.7	
6	592+00.00	602+39.17	SB US67	CL	925.5	
6	6015+00.00	6025+33.11	NB US67	CL	917.0	
6	602+39.17	605+00.00	PROPOSED US67	BOTH	463.7	
7	605+00.00	618+00.00	PROPOSED US67	BOTH	2,311.1	
8	618+00.00	631+00.00	PROPOSED US67	BOTH	2,311.1	
9	631+00.00	644+00.00	PROPOSED US67	BOTH	2,311.1	
10	644+00.00	657+00.00	PROPOSED US67	BOTH	2,311.1	
11	657+00.00	660+79.52	PROPOSED US67	BOTH	666.7	
				TOTALS	15,066.9	

ALTERNATE J (CONCRETE) SHOULDER						
SHEET	FROM STATION	TO STATION	BASEL INE	LOCATION	TYPE A2 SHOULDER (SQYD)	REMARKS
4	577+00.00	579+00.00	SB US67	CL	179.1	
4	6000+00.00	6002+00.00	NB US67	CL	198.0	
5	579+00.00	592+00.00	SB US67	CL	1,157.8	
5	6002+00.00	6015+00.00	NB US67	CL	1,314.7	
6	592+00.00	602+39.17	SB US67	CL	925.5	
6	6015+00.00	6025+33.11	NB US67	CL	917.0	
6	602+39.17	605+00.00	PROPOSED US67	BOTH	463.7	
7	605+00.00	618+00.00	PROPOSED US67	BOTH	2,311.1	
8	618+00.00	631+00.00	PROPOSED US67	BOTH	2,311.1	
9	631+00.00	644+00.00	PROPOSED US67	BOTH	2,311.1	
10	644+00.00	657+00.00	PROPOSED US67	BOTH	2,311.1	
11	657+00.00	660+79.52	PROPOSED US67	BOTH	666.7	
				TOTALS	15,066.9	



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ROUTE 67	STATE MO
DISTRICT SE	SHEET NO. 3

COUNTY
BUTLER

JOB NO.
J9P3764

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MISSOURI HIGHWAYS AND TRANSPORTATION
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ALTERNATE K (ASPHALT) PAVEMENT							
SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	7 INCHES, BITUMINOUS PAVEMENT (SQYD)	BITUMINOUS SHOULDER RUMBLE STRIP (STA)	REMARKS
4	30+99.75	33+00.00	EAST OUTER ROAD	CL	665.2	2.0	INCLUDES FULL-DEPTH SHOULDERS
4	21+00.00	26+00.00	WEST OUTER ROAD	CL	1,621.7	7.3	
5	33+00.00	45+00.00	EAST OUTER ROAD	CL	3,981.9	10.0	
5	26+00.00	39+00.00	WEST OUTER ROAD	CL	4,044.4	17.6	
6	39+00.00	52+00.00	WEST OUTER ROAD	CL	4,044.4	26.0	
7	52+00.00	65+00.00	WEST OUTER ROAD	CL	4,306.2	18.7	*INCLUDES CR360 INTERSECTION
8	65+00.00	78+00.00	WEST OUTER ROAD	CL	4,044.4	16.0	
9	78+00.00	91+00.00	WEST OUTER ROAD	CL	4,044.4	24.0	
10	91+00.00	104+00.00	WEST OUTER ROAD	CL	4,044.4	19.9	
11	104+00.00	107+67.57	WEST OUTER ROAD	CL	1,413.8	3.4	INCLUDES CR338 INTERSECTION
				TOTALS	32,210.8	144.9	

*SEE DRIVEWAY SCHEDULES FOR CR360 AGGREGATE

ALTERNATE L (CONCRETE) PAVEMENT							
SHEET	FROM STATION	TO STATION	BASELINE	LOCATION	CONCRETE PAVEMENT (7 IN. NON-REINF) (SQYD)	PORTLAND CEMENT CONCRETE SHOULDER RUMBLE STRIP (STA)	REMARKS
4	30+99.75	33+00.00	EAST OUTER ROAD	CL	665.2	2.0	INCLUDES FULL-DEPTH SHOULDERS
4	21+00.00	26+00.00	WEST OUTER ROAD	CL	1,621.7	7.3	
5	33+00.00	45+00.00	EAST OUTER ROAD	CL	3,981.9	10.0	
5	26+00.00	39+00.00	WEST OUTER ROAD	CL	4,044.4	17.6	
6	39+00.00	52+00.00	WEST OUTER ROAD	CL	4,044.4	26.0	
7	52+00.00	65+00.00	WEST OUTER ROAD	CL	4,306.2	18.7	*INCLUDES CR360 INTERSECTION
8	65+00.00	78+00.00	WEST OUTER ROAD	CL	4,044.4	16.0	
9	78+00.00	91+00.00	WEST OUTER ROAD	CL	4,044.4	24.0	
10	91+00.00	104+00.00	WEST OUTER ROAD	CL	4,044.4	19.9	
11	104+00.00	107+67.57	WEST OUTER ROAD	CL	1,413.8	3.4	INCLUDES CR338 INTERSECTION
				TOTALS	32,210.8	144.9	

*SEE DRIVEWAY SCHEDULES FOR CR360 AGGREGATE



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