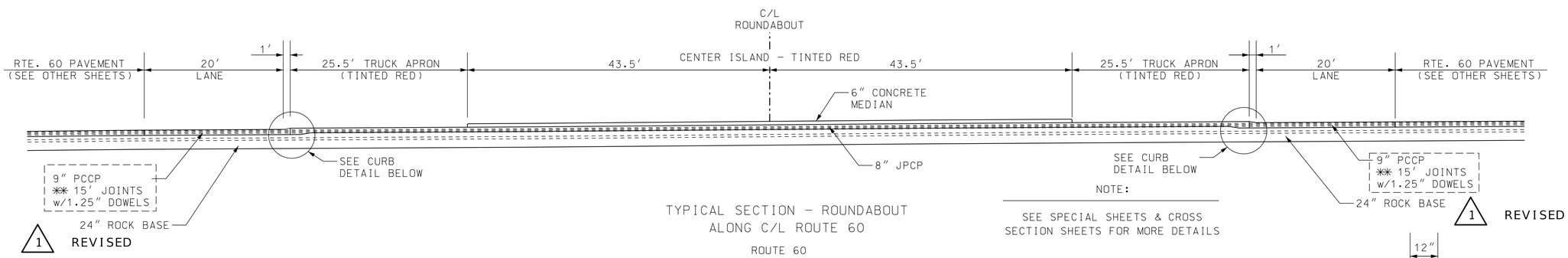


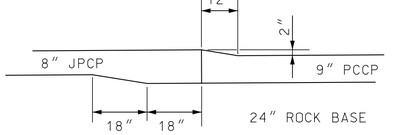
TYPICAL SECTION – ROUNDABOUT
ALONG C/L FR 1100

FR 1100
STA. 9+10.00 TO STA. 10+90.00

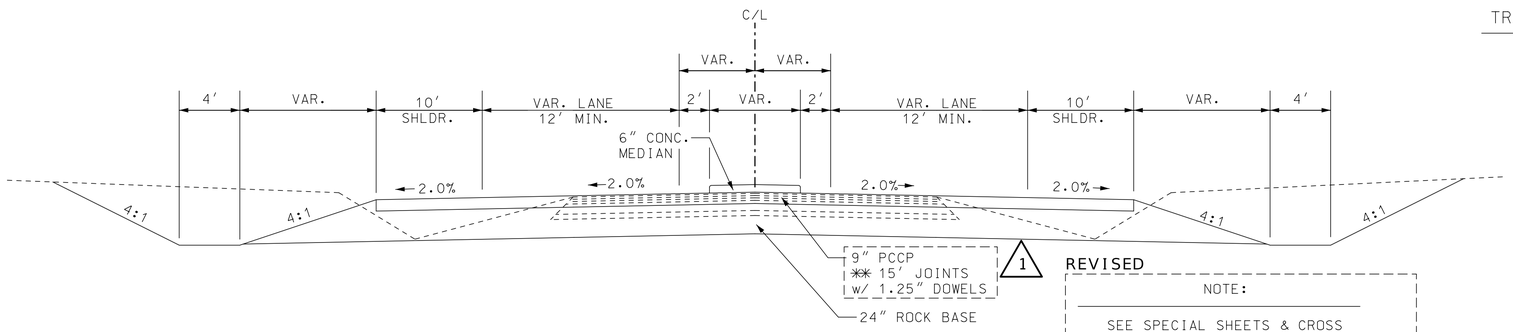


TYPICAL SECTION – ROUNDABOUT
ALONG C/L ROUTE 60

ROUTE 60
STA. 136+12.63 TO STA. 137+92.63



TRUCK APRON CURB DETAIL



SECTION ON TANGENT
TYPICAL SECTION – ROUTE 60
AT FR 1100 & FR 1100

ROUTE 60
STA.134+48.42 TO STA. 136+12.63
STA. 137+92.63 TO STA. 139+83.85
FR 1100
STA. 7+81.22 TO STA. 9+10.00
STA. 10+90.00 TO STA. 12+18.96

NOT TO SCALE

TYPICAL SECTION
SHEET 6 OF 10

STATE OF MISSOURI
DARRELL RAY COOK
NUMBER PE-2005000971
PROFESSIONAL ENGINEER
Darrell R Cook
11/17/2026 08:05:42
DARRELL RAY COOK - CIVIL
MO-PE-2005000971

DATE PREPARED
11/16/2026

ROUTE	STATE
60	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
BARRY/LAWRENCE

JOB NO.
JSR0021

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)

PAVEMENT RESURFACING SHEET 8

BEGIN LOG MILE	END LOG MILE	LENGTH FEET	BEGIN WIDTH FEET	END WIDTH FEET	AVG. WIDTH FEET	AREA SQ.FT.	1.50 SP095C PG70-22 1.980 TONS/C.Y. TONS	1.00 SURFACE LEVEL 1.970 TONS/C.Y. TONS	TACK 0.08 GAL./S.Y. GALLONS	TACK 0.10 GAL./S.Y. GALLONS	GRAVEL A CRUSHED STONE B S.Y.	REMARKS
59.673	59.740	353.76	40.00	40.00	40.00	14150.40	129.7			157		
59.740	59.746	31.68	40.00	57.00	48.50	1536.48	14.1			17		
59.746	59.791	237.60	57.00	57.00	57.00	13543.20	124.1			150		
59.791	59.809	95.04	57.00	44.00	50.50	4799.52	44.0			53		
59.809	59.819	52.80	44.00	44.00	44.00	2323.20	21.3			26		
59.748						2594.00	23.8			29		FR 1235 LT. ROUTE 60
59.748						3664.69	33.6			41		FR 1235 RT. ROUTE 60
43.659	59.819	85324.80					808.0	808.0				IRREGULARITIES @ 50 TONS/MILE
SUBTOTAL 8							1198.6	808.0	0	473	0	
SUBTOTAL 4							3096.6	225.0	331	3754	276	
SUBTOTAL 5							7995.2	1001.8	1468	9345	224	
SUBTOTAL 6							11392.7	1513.6	2214	13810	163	
SUBTOTAL 7							6012.3	934.0	1364	7287	22	
SUBTOTAL							29695.4	4482.4	5377	34669	685	
TOTAL							29695.4	4482.4	40046		685	
USE							29695.4	4482.4	40046		685	

CONCRETE PAVEMENT - ROUNDABOUT

STATION	TO	STATION	LOCATION	AREA SQ.FT.	9" PCCP S.Y.	AREA SQ.FT.	24" ROCK BASE FURNISHING S.Y.	24" ROCK BASE PLACING S.Y.	RIGID GEOGRID S.Y.	SEPARATION GEOTEXTILE S.Y.	REMARKS
132+50.00	-	141+55.00	ROUTE 60 & FR 1100	84208.66	9356.52	92069.84	10229.98	10229.98	10229.98	10229.98	INCLUDES FULL DEPTH SHOULDERS
											EXCLUDES TRUCK APRON & CENTER CIRCLE
TOTAL					9356.52		10229.98	10229.98	10229.98	10229.98	
USE					9356.5		10230	10230	10230	10230	

TRUCK APRON & CENTER CIRCLE

STATION	TO	STATION	LOCATION	AREA SQ.FT.	8" JPCP S.Y.	24" ROCK BASE FURNISHING S.Y.	24" ROCK BASE PLACING S.Y.	RIGID GEOGRID S.Y.	SEPARATION GEOTEXTILE S.Y.	REMARKS
132+50.00	-	141+55.00	ROUTE 60 & FR 1100	14957.12	1661.90	1661.90	1661.90	1661.90	1661.90	INCLUDES FULL DEPTH SHOULDERS
										EXCLUDES TRUCK APRON & CENTER CIRCLE
TOTAL					1661.90	1661.90	1661.90	1661.90	1661.90	
USE					1661.9	1662	1662	1662	1662	

CONCRETE MEDIAN STRIP

STATION	TO	STATION	LOCATION	AREA SQ.FT.	6" CONCRETE S.Y.	REMARKS
134+48.50	-	136+10.12	ROUTE 60	1726.91	191.9	DIVISIONAL ISLAND, WEST SIDE
136+59.13	-	137+46.13	ROUTE 60	4753.74	528.2	CENTER ISLAND
137+94.95	-	139+83.85	ROUTE 60	1904.57	211.6	DIVISIONAL ISLAND, EAST SIDE
7+81.33	-	9+07.16	FR 1100, NORTH SIDE	1450.66	161.2	DIVISIONAL ISLAND
10+93.11	-	12+18.67	FR 1100, SOUTH SIDE	1443.96	160.4	DIVISIONAL ISLAND
TOTAL					1253.3	
USE					1253.3	

1 REVISED

SUMMARY OF QUANTITIES
SHEET 13 OF 36

STATE OF MISSOURI
DARRELL RAY COOK
NUMBER PE-2005000971
PROFESSIONAL ENGINEER
Darrell R Cook
11/17/2026 08:06:14
DARRELL RAY COOK - CIVIL
MO-PE-2005000971

DATE PREPARED: 11/17/2026
ROUTE: 60 | STATE: MO
DISTRICT: SW | SHEET NO.: 3
COUNTY: BARRY/LAWRENCE
JOB NO.: JSR0021
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)

PIPE CULVERTS

STATION	LOCATION	SKEW ANGLE (DEG.)	GROUP A 18" PIPE (L.F.)	24" PIPE (L.F.)	30" PIPE (L.F.)	42" PIPE (L.F.)	FLARED END SECTION 18" (EA.)	24" (EA.)	42" (EA.)	30" SAFETY END SECTION (EA.)	GROUP B 18" PIPE (L.F.)	FLARED END SECTION 18" (EA.)	ELLIPTICAL PIPE 14"x23" (L.F.)	19"x30" (L.F.)	TAPERED END SECTION 14"x23" (EA.)	19"x30" (EA.)	CL. 3 EXC. (C.Y.)	TYPE A PIPE COLLAR (EA.)	ROCK LINING (C.Y.)	REMARKS
FR 1100																				
130+99.31	ROUTE 60	0				11			2								33	2	9	
8+80.56	FR 1100 - NORTH	0	108				2										102		2	
11+10.70	FR 1100 - SOUTH	12 50' 44" L.A.												123		2	148		4	
FR 2000																				
274+99.82	ROUTE 60	0			4.0					1							7	1	4	
290+81.36	ROUTE 60	10 01' 30" L.A.		11				2									11	2	3	
FR 1180																				
9+49.11	FR 1180 NORTH	8 04' 26" R.A.												77		2	82		3	
10+54.05	FR 1180 SOUTH	10 58' 07" R.A.												76		2	84		3	
FR 1200																				
9+30.94	FR 1200 NORTH	43 42' 40" R.A.											120		2		90		2	
10+59.68	FR 1200 SOUTH	40 41' 26" R.A.												112		2	107		3	
FR 1235																				
0+42.43	FR 1235	24 07' 37" R.A.									97	2					72	1	2	INCLUDES 1-25 DEGREE BEND
		TOTAL	108	11	4	11	2	2	2	1	97	2	120	388	2	8	736	6	35	
		USE	108	11	4	11	2	2	2	1	97	2	120	388	2	8	736	6	35	

PAVEMENT MARKING REMOVAL

STATION	TO	STATION	LOCATION	(L.F.)	REMARKS
121+11.00	-	148+62.00	ROUTE 60 AT FR 1100	3701.00	EX. C/L MARKINGS
128+15.00	-	148+62.00	ROUTE 60 AT FR 1100, STAGE 3	3374.00	TEMP. MARKINGS FROM STAGE 1
128+15.00	-	145+02.00	ROUTE 60 AT FR 1100, STAGE 4	5061.00	TEMP. MARKINGS FROM STAGE 3
128+15.00	-	145+02.00	ROUTE 60 AT FR 1100, STAGE 5	7238.00	TEMP. MARKINGS FROM STAGE 4
			TOTAL	19374.00	

PAVEMENT EDGE TREATMENT

STATION	TO	STATION	LOCATION	LENGTH (L.F.)	REMARKS
FR 2000					
274+35.00	-	283+00.28	SW QUADRANT	1020.28	
274+35.00	-	282+66.72	NW QUADRANT	1044.72	
283+24.28	-	291+95.00	SE QUADRANT	1025.72	
283+80.06	-	291+95.00	NE QUADRANT	970.94	
FR 1160					
223+31.98	-	228+50.00	NE QUADRANT	656.02	
FR 1180					
323+90.00	-	329+10.80	SW QUADRANT	670.80	
329+41.77	-	334+65.00	NE QUADRANT	661.23	
	-				
FR 1200					
430+61.00	-	439+77.17	SW QUADRANT	510.17	
430+61.00	-	440+23.36	NW QUADRANT	1052.36	
440+24.02	-	449+69.00	SE QUADRANT	999.98	
440+66.44	-	449+69.00	NE QUADRANT	1077.56	
	-				
FR 2210					
530+21.37	-	534+88.10	SW QUADRANT	578.73	
FR 1235					
672+88.02	-	678+34.10	SW QUADRANT	696.08	
			TOTAL	10964.59	
			USE	10965	

1 REVISED

CONCRETE RUMBLE STRIP

STATION	TO	STATION	LOCATION	LENGTH (FT.)	CONCRETE SHOULDER RUMBLE STRIP (STA.)	CONCRETE CENTERLINE RUMBLE STRIP (STA.)	REMARKS
FR 1100							
132+50.00	-	134+48.00	ROUTE 60 LT. EDGE	198.00	0.04		
132+50.00	-	134+48.00	ROUTE 60 RT. EDGE	198.00	0.04		
132+50.00	-	134+48.00	ROUTE 60 C/L	198.00		0.04	
139+84.00	-	141+55.00	ROUTE 60 LT. EDGE	171.00	0.03		
139+84.00	-	141+55.00	ROUTE 60 RT. EDGE	171.00	0.03		
139+84.00	-	141+55.00	ROUTE 60 C/L	171.00		0.03	
	-						
			TOTAL		0.14	0.07	
			USE		0.1	0.1	

LOOP DETECTOR CABLE

LOG MILE	LOCATION	1C #14 IN DUCT LF	REMARKS
56.355	E.B. LT. TURN LANE	388	
56.359	E.B. THRU LANE	306	
56.368	FR1210, SOUTH SIDE, 24' FROM E.O.S.	310	
56.368	BUS. ROUTE 60, NORTH SIDE, 21' FROM E.O.S.	366	
56.377	W.B. THRU LANE	318	
56.380	W.B. LT. TURN LANE	374	
56.247	E.B. THRU LANE	112	ADVANCE LOOP DETECTOR, 587' FROM STOP BAR
56.289	E.B. THRU LANE	112	ADVANCE LOOP DETECTOR, 367' FROM STOP BAR
56.447	W.B. THRU LANE	112	ADVANCE LOOP DETECTOR, 367' FROM STOP BAR
56.489	W.B. THRU LANE	112	ADVANCE LOOP DETECTOR, 587' FROM STOP BAR
	TOTAL	2510	
	USE	2510	

TRANSVERSE RUMBLE STRIP

STATION	LOCATION	LENGTH (L.F.)	REMARKS
130+82.00	ROUTE 60 E.B.	24.00	
133+35.00	ROUTE 60 E.B.	24.00	
140+70.00	ROUTE 60 W.B.	24.00	
143+23.00	ROUTE 60 W.B.	24.00	
	TOTAL	96.00	
	USE	96	

SUMMARY OF QUANTITIES
SHEET 33 OF 36

STATE OF MISSOURI
DARRELL RAY COOK
NUMBER PE-2005000971
PROFESSIONAL ENGINEER
Darrell R Cook
11/17/2026 08:06:19
DARRELL RAY COOK - CIVIL
MO-PE-2005000971

DATE PREPARED
11/16/2026

ROUTE	STATE
60	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
BARRY/LAWRENCE

JOB NO.
JSR0021

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)

LUMINAIRE, POLE AND EQUIPMENT

POLE I.D.	ALIGNMENT	STATION	OFFSET	30' M.H. TYPE AT POLE EA.	BRACKET ARM 4' EA.	6' EA.	8' EA.	10' EA.	12' EA.	15' EA.	LED TYPE "A" EA.	CABLE #10 AWG. 1 COND. POLE & BRACKET L.F.	POLE FOUNDATION 30' M.H. EA.	REMARKS
CIRCUIT #1														
L1	CONST. C/L ROUTE 60	136+22.16	80.47' LT.	1						1	1	135	1	NW QUAD. ROUTE 60 AND FR1100
L2	CONST. C/L FR1100 (NORTH)	8+26.94	35.42' RT.	1			1				1	114	1	NW QUAD. ROUTE 60 AND FR1100
L3	CONST. C/L FR1100 (NORTH)	7+20.03	22.93' RT.	1			1				1	114	1	NW QUAD. ROUTE 60 AND FR1100
CIRCUIT #2														
L1	CONST. C/L ROUTE 60	137+78.15	75.52' LT.	1					1		1	126	1	NE QUAD. ROUTE 60 AND FR1100
L2	CONST. C/L ROUTE 60	138+83.48	31.02' LT.	1			1				1	114	1	NE QUAD. ROUTE 60 AND FR1100
L3	CONST. C/L ROUTE 60	140+14.72	31.18' LT.	1				1			1	120	1	NE QUAD. ROUTE 60 AND FR1100
CIRCUIT #3														
L1	CONST. C/L ROUTE 60	133+97.98	31.47' RT.	1			1				1	114	1	SW QUAD. ROUTE 60 AND FR1100
L2	CONST. C/L ROUTE 60	135+29.00	30.64' RT.	1			1				1	114	1	SW QUAD. ROUTE 60 AND FR1100
L3	CONST. C/L ROUTE 60	136+28.64	74.00' RT.	1			1				1	114	1	SW QUAD. ROUTE 60 AND FR1100
CIRCUIT #4														
L1	CONST. C/L FR1100 (SOUTH)	12+78.45	25.91' RT.	1				1			1	120	1	SW QUAD. ROUTE 60 AND FR1100
L2	CONST. C/L FR1100 (SOUTH)	11+68.91	36.12' LT.	1				1			1	120	1	SE QUAD. ROUTE 60 AND FR1100
L3	CONST. C/L ROUTE 60	137+81.93	79.57' RT.	1					1		1	114	1	SE QUAD. ROUTE 60 AND FR1100
TOTAL				12	0	0	6	3	2	1	12	1419	12	
USE				12	0	0	6	3	2	1	12	1420	12	

CONTROL STATION

ALIGNMENT	STATION	OFFSET	BASE MOUNTED CONTROL STATION 240 VOLT, 4 CIRCUIT	BREAKER (AMPS) CIRCUIT MAIN	1A	1B	1C	1D	REMARKS
CONST. C/L ROUTE 60	135+80.00	121.00' LT.	1	100	15	15	15	15	
TOTAL			1						

POWER SUPPLY

ALIGNMENT	STATION	OFFSET	TYPE 2 EA.	REMARKS
CONST. C/L ROUTE 60	135+80.00	121.00' LT.	1	
TOTAL			1	

TEMPORARY PAVEMENT MARKING

BEGIN STATION	TO	END STATION	LOCATION	PAINT 6" WHITE LF	PAINT 4" YELLOW LF	TAPE 6" WHITE LF	TAPE 4" YELLOW LF	REMARKS
121+11.00	-	145+36.00	STAGE 1 - DOUBLE YELLOW C/L		4850			
145+36.00	-	148+62.00	STAGE 1 - DOUBLE YELLOW C/L		1304			
128+15.00	-	148+62.00	STAGE 1 - LEFT EDGE LINE	2047				
128+15.00	-	145+02.00	STAGE 3 - DOUBLE YELLOW C/L		3374			
128+15.00	-	142+76.00	STAGE 3 - LEFT EDGE LINE	1461				
128+15.00	-	142+76.00	STAGE 3 - RIGHT EDGE LINE	1461				
128+15.00	-	129+30.00	STAGE 4 - DOUBLE YELLOW C/L				230	
129+30.00	-	144+75.00	STAGE 4 - LEFT EDGE LINE				3150	
129+30.00	-	144+75.00	STAGE 4 - RIGHT EDGE LINE				3150	
144+75.00	-	145+02.00	STAGE 4 - DOUBLE YELLOW C/L				54	
128+15.00	-	145+02.00	STAGE 4 - LEFT EDGE LINE			2424		
128+15.00	-	145+02.00	STAGE 4 - RIGHT EDGE LINE			2404		
132+75.00	-	141+63.00	STAGE 5 - LEFT EDGE LINE				1836	INCL. FR1100
132+75.00	-	141+63.00	STAGE 5 - RIGHT EDGE LINE				1836	INCL. FR1100
TOTAL				4969	9528	4828	10256	
USE				4969	9528	4828	10256	

1 ADDED

SUMMARY OF QUANTITIES
SHEET 34 OF 36

STATE OF MISSOURI
DARRELL RAY COOK
NUMBER PE-2005000971
PROFESSIONAL ENGINEER
Darrell R Cook
11/17/2026 08:06:04
DARRELL RAY COOK - CIVIL
MO-PE-2005000971

DATE PREPARED
11/16/2026

ROUTE	STATE
60	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
BARRY/LAWRENCE

JOB NO.
JSR0021

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

8

SKANE FARM, LLC

NO ACQUISITION

SE¼ SW¼
25-26-27

290+81.36 CONST. C/L RTE. 60
EXTEND LT. 6'x24" R.C.P. A PIPE
EXTEND LT. 6'x24" GROUP A PIPE
EXTEND RT. 6'x24" GROUP A PIPE

STA 291+95.00 =
E.B. LOG MILE 47.242
24' WIDE/0.5" MILL
1.5" OVERLAY
28' WIDE/0.5" MILL
1.5" OVERLAY

1 REVISED

286+90.00
38' WIDE/0.5" MILL
1.5" OVERLAY

288+89.33
28' WIDE/0.5" MILL
1.5" OVERLAY
24' WIDE/0.5" MILL
1.5" OVERLAY

EXIST. DRAINAGE EASEMENT

290

295

15

20

¼ SEC. LINE

MATCHLINE STA. 286+57.63

EXIST. R/W

S/L

1" SURFACE LEVEL SHOULDER

CONST. C/L RTE. 60
(DE_RTE60_FR2000)

N66°34'37"E

N66°33'09"E

1" SURFACE LEVEL SHOULDER

EX. C/L RTE. 60
(RTE60_CR2000)

EXIST. R/W

EX. RTE. 60
17+48.77
125.00' RT.

SE¼ SW¼
25-26-27

7

ROGER & BARBARA IVERSON

NO ACQUISITION

¼ SEC. LINE

SCALE

0 50 100 150

PLAN SHEET
ROUTE 60 / FR 2000
SHEET 17 OF 47

STATE OF MISSOURI
DARRELL RAY COOK
NUMBER PE-2005000971
PROFESSIONAL ENGINEER

Darrell R Cook
11/17/2026 08:06:09
DARRELL RAY COOK - CIVIL
MO-PE-2005000971

DATE PREPARED
11/16/2026

ROUTE	STATE
60	MO
DISTRICT	SHEET NO.
SW	20

COUNTY
BARRY/LAWRENCE

JOB NO.
JSR0021

CONTRACT ID.

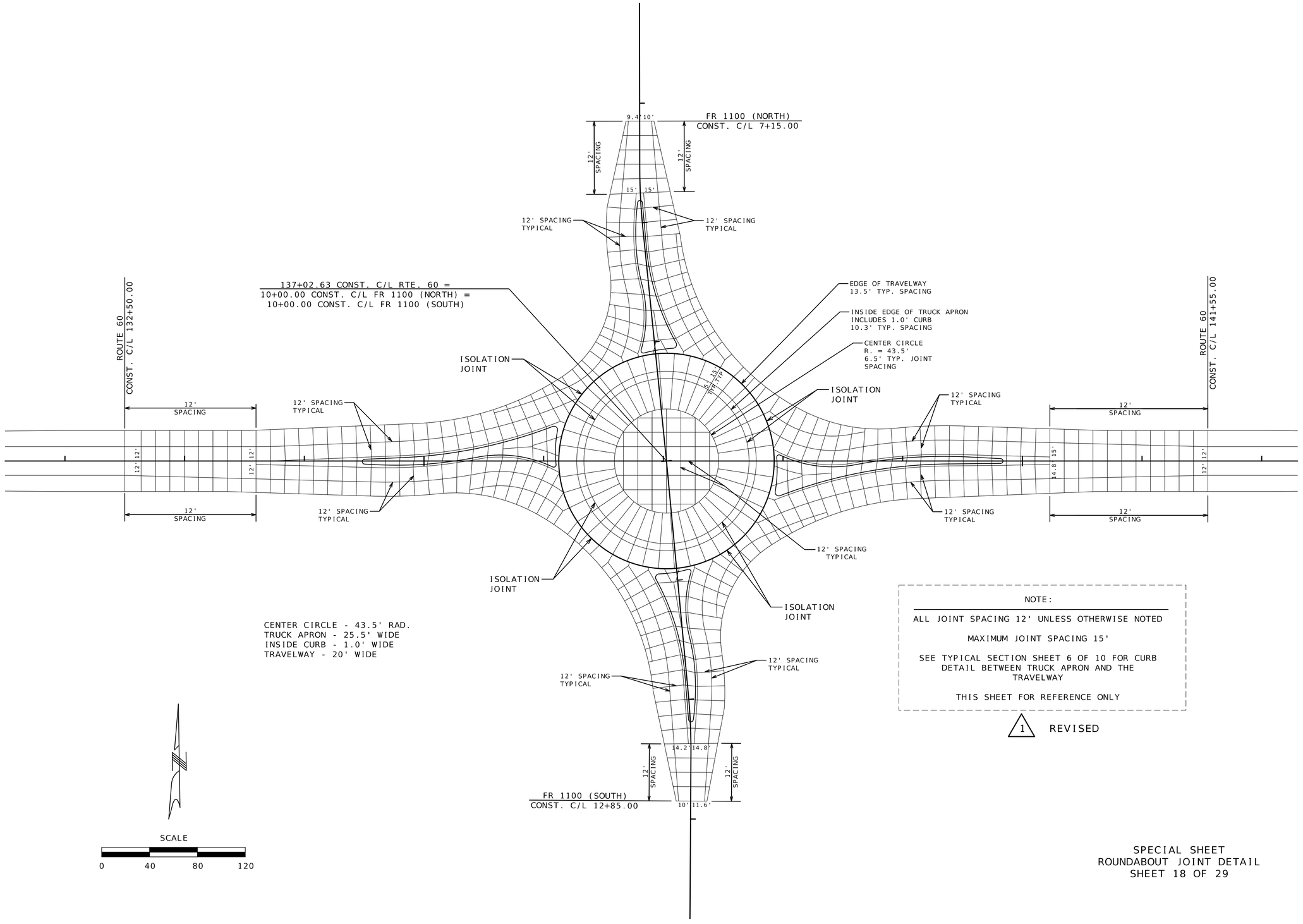
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



CENTER CIRCLE - 43.5' RAD.
TRUCK APRON - 25.5' WIDE
INSIDE CURB - 1.0' WIDE
TRAVELWAY - 20' WIDE

SCALE

0 40 80 120

NOTE:

ALL JOINT SPACING 12' UNLESS OTHERWISE NOTED

MAXIMUM JOINT SPACING 15'

SEE TYPICAL SECTION SHEET 6 OF 10 FOR CURB DETAIL BETWEEN TRUCK APRON AND THE TRAVELWAY

THIS SHEET FOR REFERENCE ONLY

1 REVISED

SPECIAL SHEET
ROUNDABOUT JOINT DETAIL
SHEET 18 OF 29

STATE OF MISSOURI
DARRELL RAY COOK
NUMBER PE-2005000971
PROFESSIONAL ENGINEER

Darrell R Cook
11/17/2026 08:05:53
DARRELL RAY COOK - CIVIL
MO-PE-2005000971

DATE PREPARED
11/16/2026

ROUTE	STATE
60	MO
DISTRICT	SHEET NO.
SW	73

COUNTY
BARRY/LAWRENCE

JOB NO.
JSR0021

CONTRACT ID.

PROJECT NO.

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DESCRIPTION

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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