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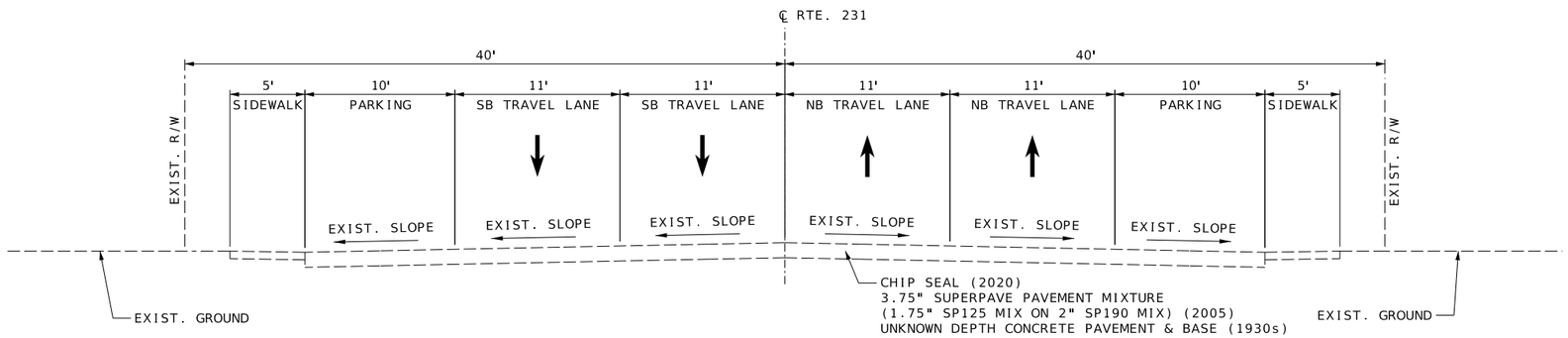


EXISTING TYPICAL SECTION
ROUTE 231 / TELEGRAPH ROAD
STA. 13+72.50 TO STA. 40+35.80
SEGMENT 1A
NOT TO SCALE

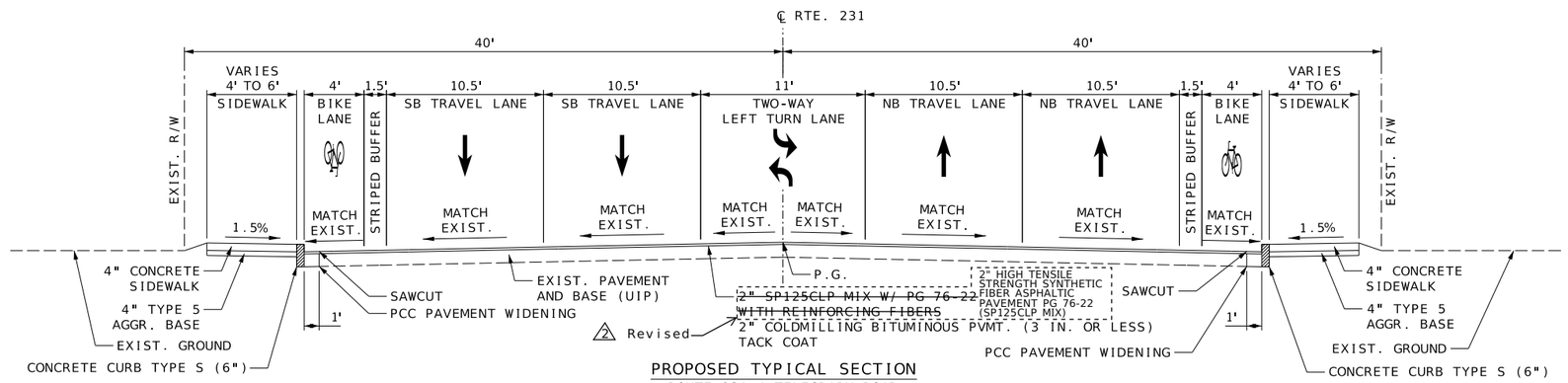
NOTES:

1) OPTION TO CONSTRUCT THE CURB AND PAVEMENT IN A MONOLITHIC POUR. SEE MODIFIED INTEGRAL CURB TYPE S DETAIL.

NOTES:

ALL FILL SLOPES SHALL BE 3:1 MAXIMUM

* MATCH EXISTING CROSS SLOPE



PROPOSED TYPICAL SECTION
ROUTE 231 / TELEGRAPH ROAD
STA. 13+72.50 TO STA. 40+35.80
SEGMENT 1A
NOT TO SCALE

Revised

2 - INCHES HIGH TENSILE STRENGTH SYNTHETIC FIBER ASPHALTIC PAVEMENT PG 76-22 (SP125CLP MIX)

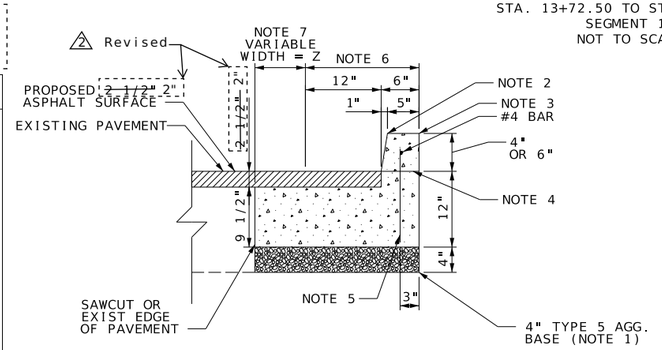
PCC PAVEMENT WIDENING

~~2 INCHES ASPHALTIC CONCRETE MIXTURE PG76 22 (SP125CLP MIX) WITH REINFORCING FIBERS~~
(1.970 TONS/CY)

TACK COAT (0.05 GAL/SY)

8-INCHES NON-REINFORCED CONCRETE PAVEMENT

4-INCHES TYPE 5 AGGREGATE FOR BASE



MODIFIED INTEGRAL CURB TYPE B DETAIL

MODIFIED INTEGRAL TYPE B CURB DETAIL NOTES

1. TYPE 5 AGGREGATE BASE UNDER MODIFIED INTEGRAL TYPE S CURB. NO DIRECT PAY. INCLUDED IN PAY FOR MODIFIED CONCRETE CURB. (SEE JOB SPECIAL PROVISIONS).
2. ROUND TO 3/4" RADIUS.
3. ROUND TO 1/4" RADIUS.
4. PERMISSIBLE CONSTRUCTION JOINT. IF CONSTRUCTED IN THIS MANNER TIE BARS MUST BE USED.
5. #4 DIAMETER TIE BAR AT 24" CENTERS. LENGTH OF THE TIE BARS EQUALS HEIGHT OF CURB PLUS 9 INCHES. NO DIRECT PAY. INCLUDED IN PAY FOR MODIFIED CONCRETE CURB. (SEE JOB SPECIAL PROVISIONS).
6. PAY LIMIT FOR MODIFIED CONCRETE CURB.
7. PAY LIMIT FOR CONCRETE BASE (8 IN. NON-REINF). SEE QUANTITY TABLES FOR VARIABLE WIDTH = Z.

TYPICAL SECTIONS
SHEET 1 OF 6

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 7/17/2025

ROUTE	STATE
231	MO
DISTRICT	SHEET NO.
SL	2

COUNTY: ST. LOUIS
JOB NO.: J6S3631
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION
09/08/25	2 PAY ITEM NAME REVISED

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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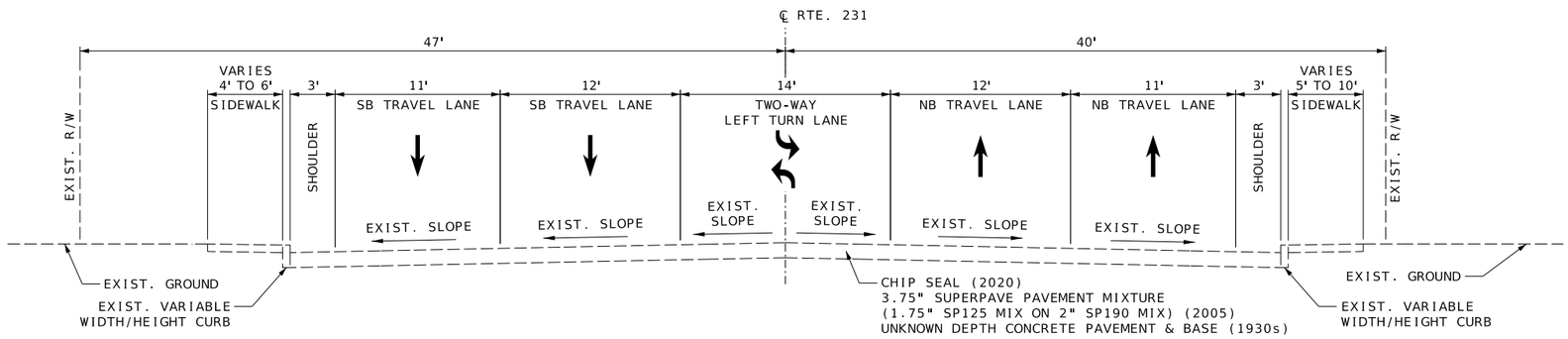
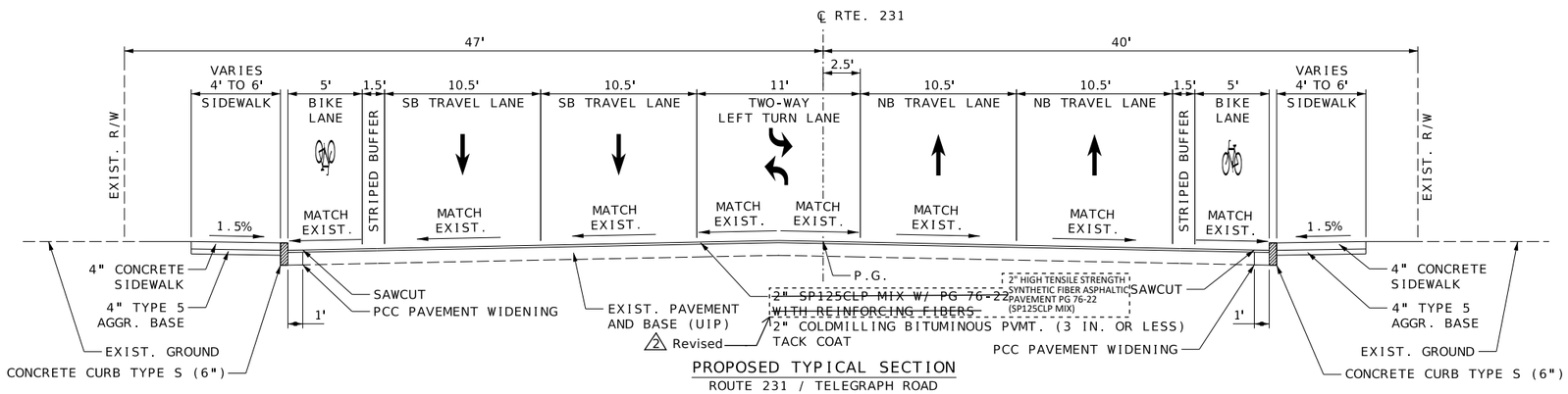


EXISTING TYPICAL SECTION
ROUTE 231 / TELEGRAPH ROAD
STA. 40+35.80 TO STA. 47+20.57
SEGMENT 1B
NOT TO SCALE

NOTES:
1) OPTION TO CONSTRUCT THE CURB AND PAVEMENT IN A MONOLITHIC POUR. SEE MODIFIED INTEGRAL CURB TYPE S DETAIL.



PROPOSED TYPICAL SECTION
ROUTE 231 / TELEGRAPH ROAD
STA. 40+35.80 TO STA. 47+20.57
SEGMENT 1B
NOT TO SCALE

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

TYPICAL SECTIONS
SHEET 2 OF 6

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

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DATE PREPARED	
7/15/2025	
ROUTE 231	STATE MO
DISTRICT SL	SHEET NO. 2
COUNTY ST. LOUIS	
JOB NO. J6S3631	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION
09/08/25	1 PAY ITEM NAME REVISED

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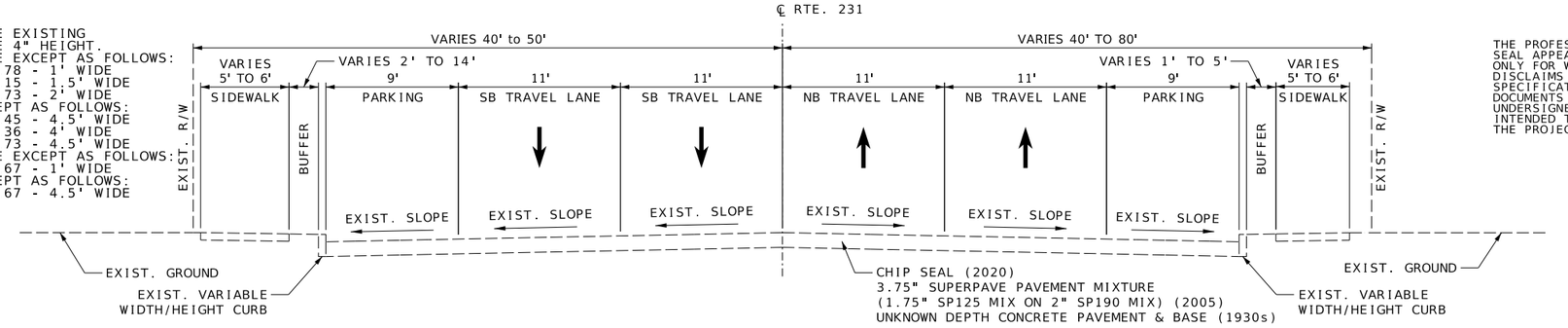
NOTES:

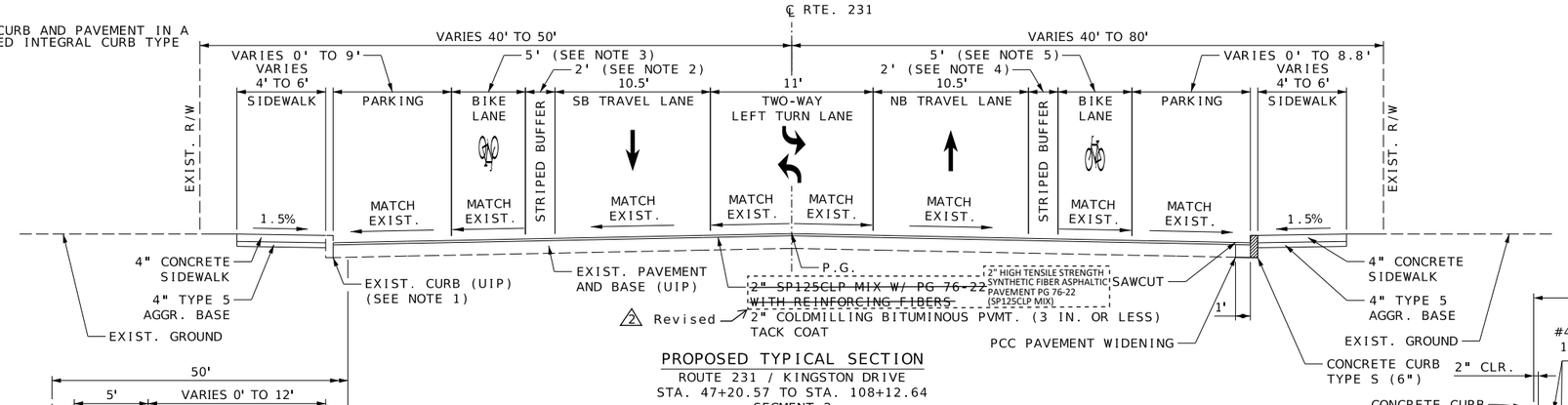
1) CONTRACTOR SHALL REPLACE THE EXISTING CURB AS NECESSARY TO PROVIDE 4" HEIGHT.
2) STRIPED BUFFER LT IS 2' WIDE EXCEPT AS FOLLOWS:
   STA. 52+93.06 TO STA. 80+72.78 - 1' WIDE
   STA. 81+22.82 TO STA. 83+25.15 - 1.5' WIDE
   STA. 88+31.42 TO STA. 98+61.73 - 2' WIDE
3) BIKE LANE LT IS 5' WIDE EXCEPT AS FOLLOWS:
   STA. 52+93.06 TO STA. 64+71.45 - 4.5' WIDE
   STA. 65+12.14 TO STA. 75+33.36 - 4' WIDE
   STA. 75+82.87 TO STA. 98+61.73 - 4.5' WIDE
4) STRIPED BUFFER RT IS 2' WIDE EXCEPT AS FOLLOWS:
   STA. 51+24.60 TO STA. 66+40.67 - 1' WIDE
5) BIKE LANE RT IS 5' WIDE EXCEPT AS FOLLOWS:
   STA. 51+24.60 TO STA. 66+40.67 - 4.5' WIDE



EXISTING TYPICAL SECTION

ROUTE 231 / KINGSTON DRIVE
STA. 47+20.57 TO STA. 108+12.64
SEGMENT 2
NOT TO SCALE

NOTES:
1) OPTION TO CONSTRUCT THE CURB AND PAVEMENT IN A MONOLITHIC POUR. SEE MODIFIED INTEGRAL CURB TYPE S DETAIL.



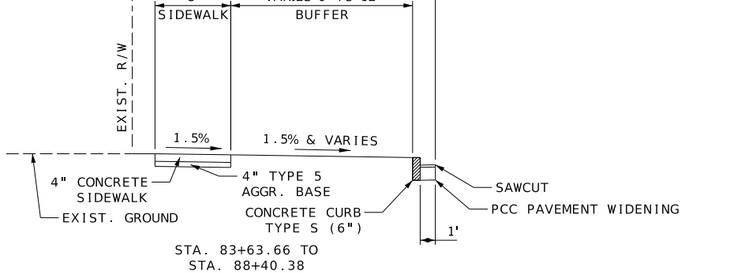
PROPOSED TYPICAL SECTION

ROUTE 231 / KINGSTON DRIVE
STA. 47+20.57 TO STA. 108+12.64
SEGMENT 2
NOT TO SCALE

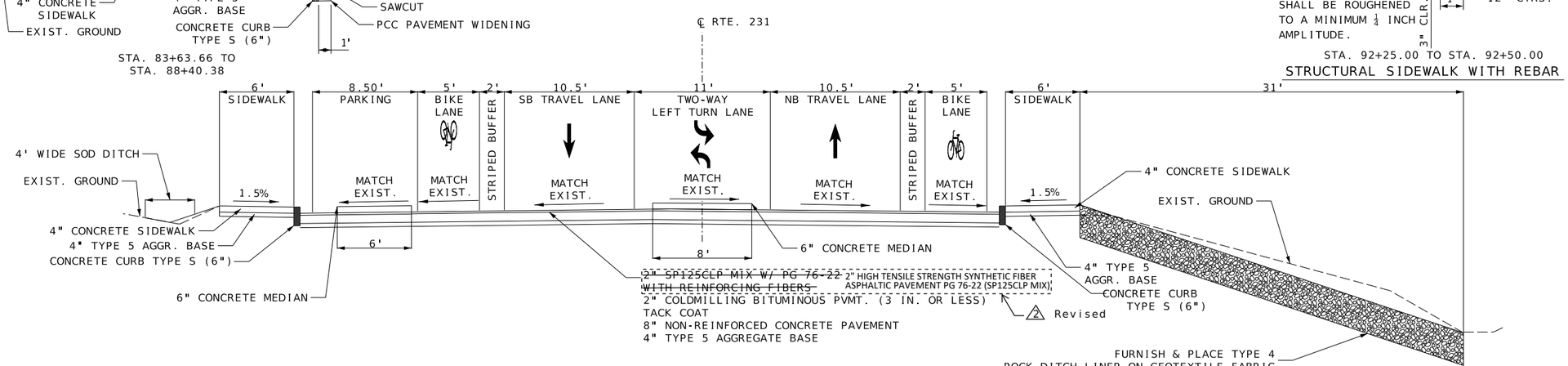
NOTES:
1) CONSTRUCTION JOINT SHALL BE ROUGHENED TO A MINIMUM $\frac{1}{4}$ INCH AMPLITUDE.

STA. 92+25.00 TO STA. 92+50.00

STRUCTURAL SIDEWALK WITH REBAR



STA. 83+63.66 TO STA. 88+40.38



PROPOSED TYPICAL SECTION

MID-BLOCK CROSSWALK
STA. 71+28.69
NOT TO SCALE

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STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

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DATE PREPARED: 7/15/2025
ROUTE: 231 | STATE: MO
DISTRICT: SL | SHEET NO.: 2
COUNTY: ST. LOUIS
JOB NO.: J6S3631
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION
09/08/25	2 PAY ITEM NAME REVISED

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JEFFERSON CITY, MO 65102
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DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

TYPICAL SECTIONS
SHEET 3 OF 6

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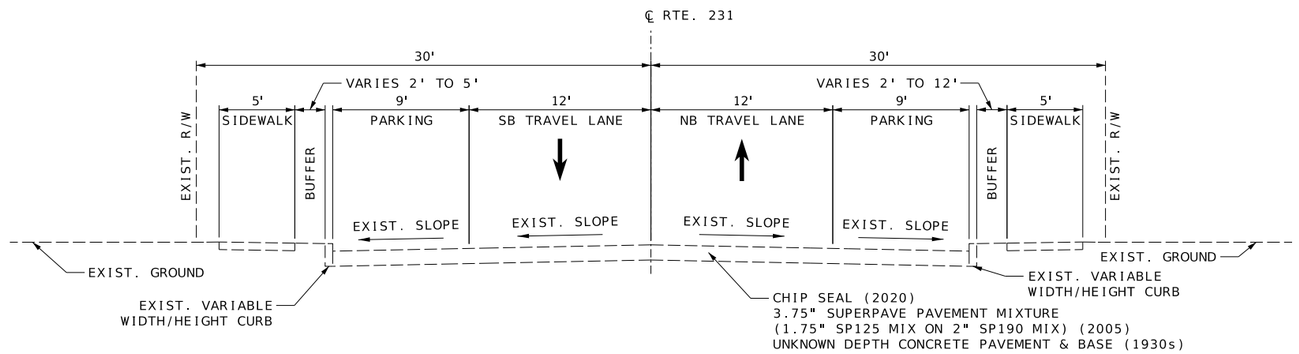
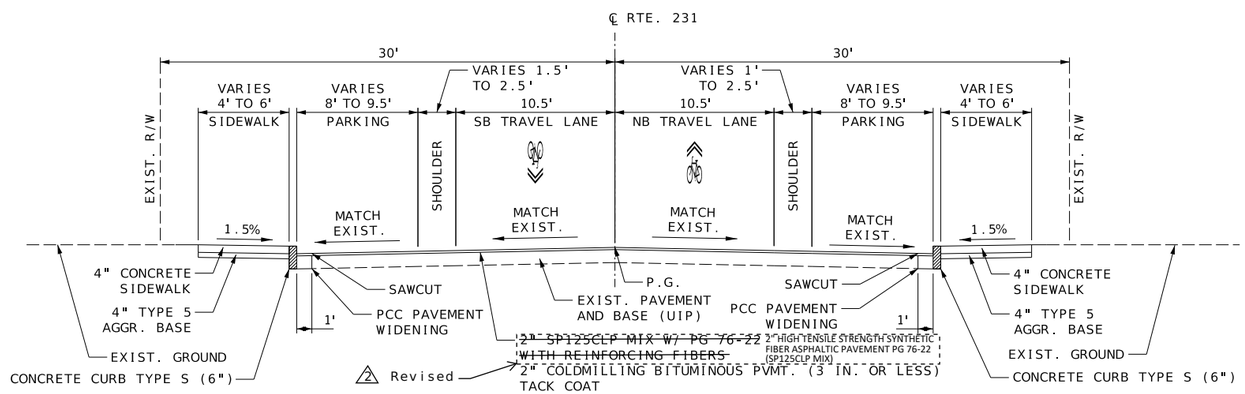


EXISTING TYPICAL SECTION
ROUTE 231 / S BROADWAY STREET
STA. 108+12.64 TO STA. 143+27.91
SEGMENT 3
NOT TO SCALE

NOTES:
1) OPTION TO CONSTRUCT THE CURB AND PAVEMENT IN A MONOLITHIC POUR. SEE MODIFIED INTEGRAL CURB TYPE S DETAIL.



PROPOSED TYPICAL SECTION
ROUTE 231 / S BROADWAY STREET
STA. 108+12.64 TO STA. 143+27.91
SEGMENT 3
NOT TO SCALE

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

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DATE PREPARED 7/15/2025

ROUTE	STATE
231	MO
DISTRICT	SHEET NO.
SL	2

COUNTY ST. LOUIS
JOB NO. J6S3631
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION
09/08/25	2 PAY ITEM NAME REVISED

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TYPICAL SECTIONS
SHEET 4 OF 6

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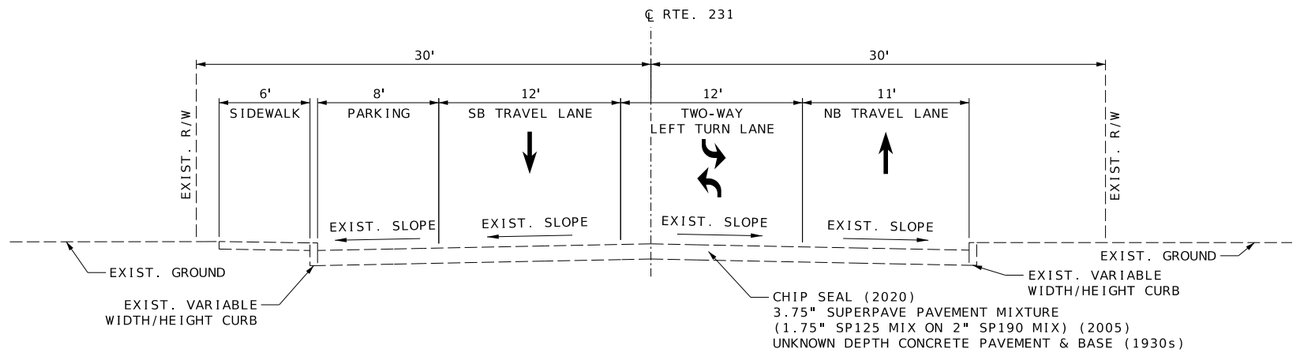
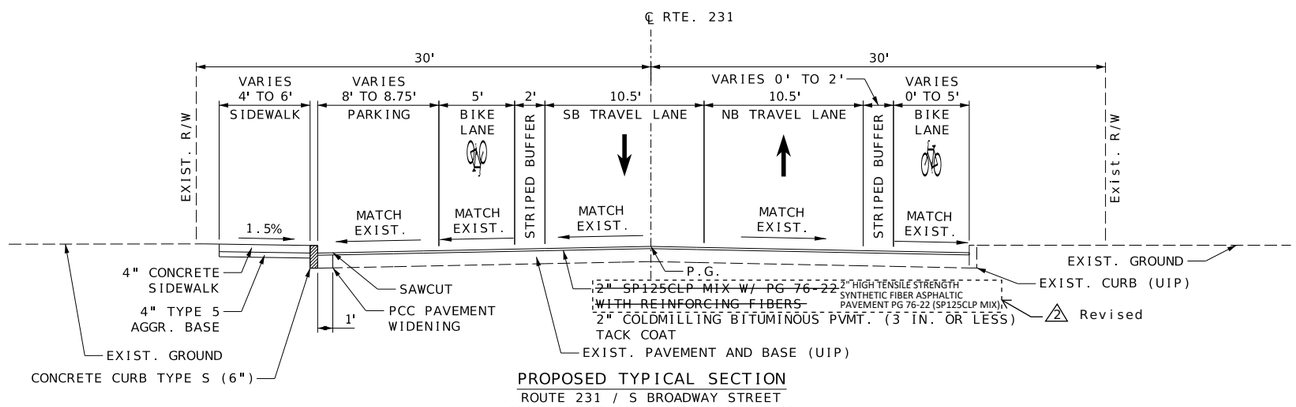


EXISTING TYPICAL SECTION
ROUTE 231 / S BROADWAY STREET
STA. 143+27.91 TO STA. 168+15.00
SEGMENT 4
NOT TO SCALE

NOTES:
1) OPTION TO CONSTRUCT THE CURB AND PAVEMENT IN A MONOLITHIC POUR. SEE MODIFIED INTEGRAL CURB TYPE S DETAIL.



PROPOSED TYPICAL SECTION
ROUTE 231 / S BROADWAY STREET
STA. 143+27.91 TO STA. 168+15.00
SEGMENT 4
NOT TO SCALE

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

TYPICAL SECTIONS
SHEET 5 OF 6

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

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DATE PREPARED	
7/15/2025	
ROUTE 231	STATE MO
DISTRICT SL	SHEET NO. 2
COUNTY ST. LOUIS	
JOB NO. J6S3631	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION
09/08/25	1 PAY ITEM NAME REVISED

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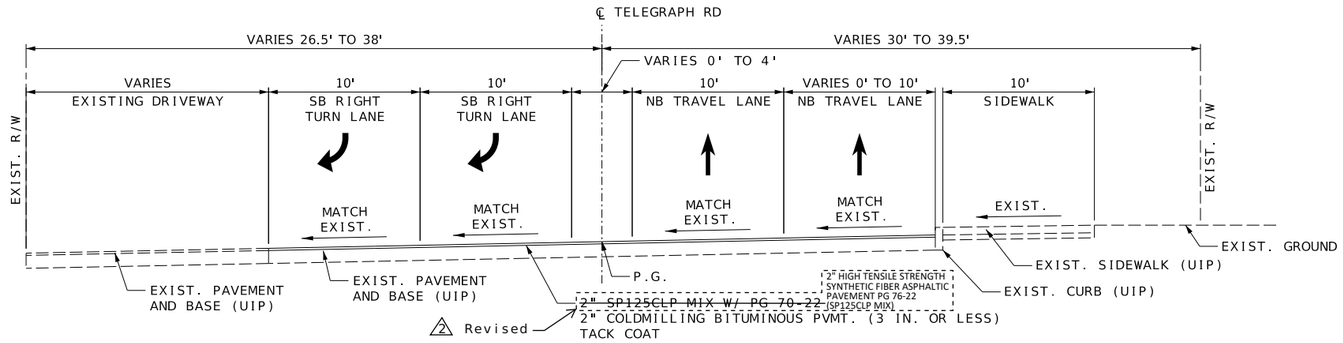
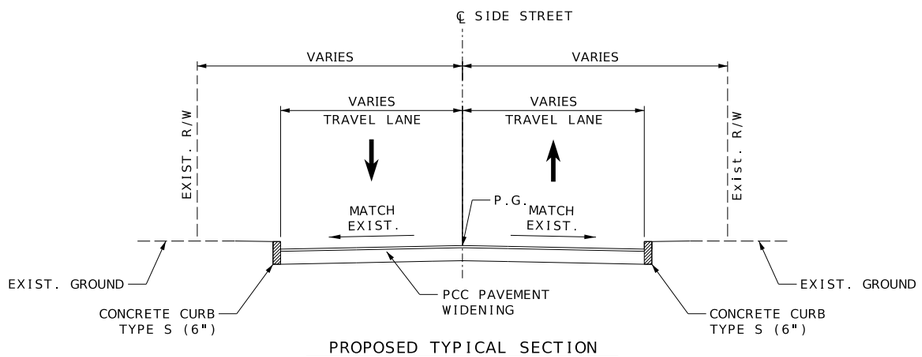
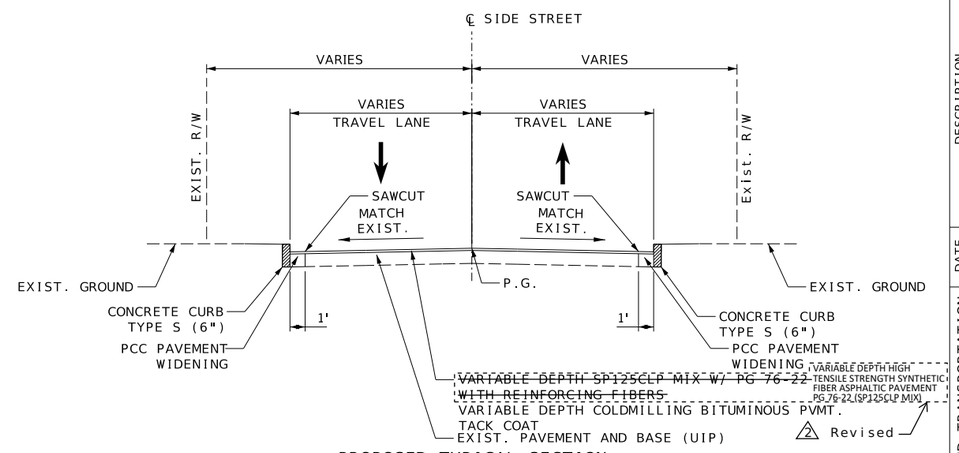


NOTES:
1) OPTION TO CONSTRUCT THE CURB AND PAVEMENT IN A MONOLITHIC POUR. SEE MODIFIED INTEGRAL CURB TYPE S DETAIL

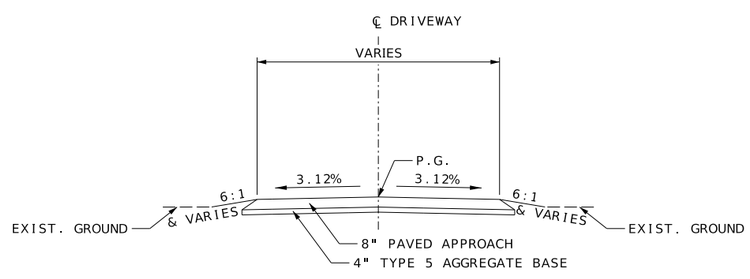
PROPOSED TYPICAL SECTION
TELEGRAPH ROAD
STA. 51+02.35 TO STA. 52+88.31
NOT TO SCALE



PROPOSED TYPICAL SECTION
SIDE STREETS - FULL DEPTH PAVEMENT
NOT TO SCALE



PROPOSED TYPICAL SECTION
SIDE STREETS - COLDMILLING, OVERLAY, AND WIDENING
NOT TO SCALE



PROPOSED TYPICAL SECTION
DRIVEWAYS - TYPE I
NOT TO SCALE

TYPICAL SECTIONS
SHEET 6 OF 6

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

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DATE PREPARED	
7/15/2025	
ROUTE 231	STATE MO
DISTRICT SL	SHEET NO. 2
COUNTY ST. LOUIS	
JOB NO. J6S3631	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION
09/08/25	2 PAY ITEM NAME REVISED

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REMOVAL OF IMPROVEMENTS - 1 LUMP SUM

SHEET NO.	PLAN SHEET	ROADWAY	CENTER LINE	STATION FROM	STATION TO	LOCATION	LENGTH (FEET)	WIDTH (FEET)	AREA (SF)	AREA (SY)	EACH	DESCRIPTION OF REMOVAL
4	1 OF 31	RTE 231/TELEGRAPH	RTE 231	14+21.21	14+69.44	LEFT	12.50	48.30	386.30	43.00	-	CONCRETE DRIVEWAY
4	1 OF 31	RTE 231/TELEGRAPH	RTE 231	15+10.48	15+60.15	RIGHT	9.50	49.70	316.90	35.30	-	CONCRETE DRIVEWAY
4	1 OF 31	RTE 231/TELEGRAPH	RTE 231	15+59.98	15+94.15	RIGHT	34.20	0.90	30.80	3.50	-	CONCRETE CURB
4	1 OF 31	RTE 231/TELEGRAPH	RTE 231	15+87.11	-	RIGHT	-	-	-	-	1	EXISTING SIGN
4	1 OF 31	RTE 231/TELEGRAPH	RTE 231	15+95.26	16+01.37	LEFT	7.60	6.20	47.20	5.30	-	CONCRETE CURB RAMP
4	1 OF 31	RTE 231/TELEGRAPH	RTE 231	15+97.13	16+02.13	LEFT	21.00	5.00	105.00	11.70	-	CONCRETE SIDEWALK
4	1 OF 31	RTE 231/TELEGRAPH	RTE 231	16+03.76	-	LEFT	-	-	-	-	1	EXISTING SIGN
4	1 OF 31	FRANRU	FRANRU	10+63.40	10+68.40	RIGHT	7.00	5.00	35.00	3.90	-	CONCRETE CURB RAMP
4	1 OF 31	RTE 231/TELEGRAPH	RTE 231	16+43.47	17+84.30	LEFT	5.00	140.90	704.50	78.30	-	CONCRETE SIDEWALK
4	1 OF 31	RTE 231/TELEGRAPH	RTE 231	16+63.65	-	LEFT	-	-	-	-	1	TREE
4	1 OF 31	RTE 231/TELEGRAPH	RTE 231	16+64.91	16+89.99	LEFT	-	-	-	-	20	SHRUBS
4	1 OF 31	RTE 231/TELEGRAPH	RTE 231	16+69.95	16+90.92	RIGHT	6.50	21.00	78.30	8.70	-	CONCRETE DRIVEWAY
4	1 OF 31	RTE 231/TELEGRAPH	RTE 231	16+87.20	16+92.47	LEFT	3.30	5.30	17.50	2.00	-	CONCRETE CURB RAMP
4	1 OF 31	RTE 231/TELEGRAPH	RTE 231	16+92.47	17+75.00	LEFT	82.60	0.90	74.40	8.30	-	CONCRETE CURB
4	1 OF 31	RTE 231/TELEGRAPH	RTE 231	16+98.92	17+14.83	RIGHT	5.00	16.00	80.00	8.90	-	CONCRETE SIDEWALK
4	1 OF 31	RTE 231/TELEGRAPH	RTE 231	17+38.87	17+76.07	LEFT	5.00	37.20	186.00	20.70	-	CONCRETE SIDEWALK
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	17+75.00	17+98.00	RIGHT	23.00	0.90	20.70	2.30	-	CONCRETE CURB
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	17+75.00	17+84.55	LEFT	9.60	0.90	8.70	1.00	-	CONCRETE CURB
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	17+81.05	18+59.90	LEFT	6.50	78.90	395.30	44.00	-	ASPHALT DRIVEWAY
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	18+06.84	18+27.54	LEFT	4.70	20.70	83.00	9.30	-	ISLAND
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	18+09.85	-	LEFT	-	-	-	-	1	EXISTING SIGN
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	18+49.07	20+08.51	LEFT	5.00	159.50	797.50	88.70	-	CONCRETE SIDEWALK
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	18+51.76	19+42.30	RIGHT	5.00	90.60	453.00	50.40	-	CONCRETE SIDEWALK
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	18+53.78	20+20.02	LEFT	166.30	0.90	149.70	16.70	-	CONCRETE CURB
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	18+97.15	-	LEFT	-	-	-	-	1	EXISTING SIGN
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	19+42.30	19+67.00	RIGHT	6.50	24.70	113.10	12.60	-	CONCRETE DRIVEWAY
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	19+67.00	19+86.06	RIGHT	6.50	19.10	100.80	11.20	-	CONCRETE DRIVEWAY
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	19+82.57	20+32.49	RIGHT	-	-	-	-	24	SHRUBS
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	20+25.60	-	RIGHT	-	-	-	-	1	EXISTING SIGN
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	20+34.50	-	LEFT	-	-	-	-	~~1~~ -	FIRE HYDRANT (TO BE REMOVED BY OTHERS)
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	20+38.31	-	RIGHT	-	-	-	-	~~1~~ -	FIRE HYDRANT (TO BE REMOVED BY OTHERS)
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	20+51.19	-	RIGHT	-	-	-	-	1	SHRUBS
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	20+54.08	20+80.10	LEFT	30.50	26.10	422.30	47.00	-	CONCRETE DRIVEWAY
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	20+85.67	-	RIGHT	-	-	-	-	1	EXISTING SIGN
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	20+97.16	-	RIGHT	-	-	-	-	1	EXISTING SIGN
5	2 OF 31	SYLVIA	SYLVIA	20+27.00	20+60.76	LEFT	33.80	0.90	30.50	3.40	-	CONCRETE CURB
5	2 OF 31	SYLVIA	SYLVIA	20+27.00	20+62.52	RIGHT	35.60	0.90	32.10	3.60	-	CONCRETE CURB
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	21+28.18	-	RIGHT	-	-	-	-	1	EXISTING SIGN
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	21+42.59	21+67.91	LEFT	6.50	25.40	87.40	9.80	-	CONCRETE DRIVEWAY
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	21+27.74	21+47.86	RIGHT	20.20	-	-	-	-	FENCE
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	21+52.32	21+89.76	RIGHT	37.50	-	-	-	-	FENCE
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	21+76.19	22+05.40	LEFT	6.50	29.30	128.90	14.40	-	CONCRETE DRIVEWAY
												-

2 Revised

SUMMARY OF QUANTITIES
SHEET 1 OF 106

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 7/25/2025

ROUTE	STATE
231	MO
DISTRICT	SHEET NO.
SL	3

COUNTY ST. LOUIS

JOB NO. J6S3631

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
09/03/25	2 DESCRIPTION REVISED

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

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

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LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

REMOVAL OF IMPROVEMENTS - 1 LUMP SUM (CONT.)

SHEET NO.	PLAN SHEET NO.	ROADWAY	CENTER LINE	STATION FROM	STATION TO	LOCATION	LENGTH (FEET)	WIDTH (FEET)	AREA (SF)	AREA (SY)	EACH	DESCRIPTION OF REMOVAL
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	21+78.25	-	LEFT	-	-	-	-	1	EXISTING SIGN
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	21+89.85	22+31.62	RIGHT	41.80	-	-	-	-	FENCE
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	21+89.85	22+09.31	RIGHT	19.50	-	-	-	-	FENCE
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	21+99.98	-	LEFT	-	-	-	-	1	EXISTING SIGN
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	22+09.31	22+09.31	RIGHT	10.00	-	-	-	-	FENCE
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	22+09.31	22+31.85	RIGHT	-	-	-	-	-	FENCE
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	22+16.93	22+75.00	LEFT	5.00	58.10	290.50	32.30	-	CONCRETE SIDEWALK
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	22+20.46	22+25.03	RIGHT	10.00	4.60	46.00	5.20	-	CONCRETE SIDEWALK
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	22+43.47	22+81.56	RIGHT	38.10	-	-	-	-	FENCE
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	22+43.47	22+59.69	RIGHT	16.30	-	-	-	-	FENCE
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	22+50.39	22+70.05	RIGHT	10.00	19.70	197.00	21.90	-	CONCRETE SIDEWALK
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	22+53.35	-	RIGHT	-	-	-	-	1	SHRUBS
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	22+59.69	22+59.69	RIGHT	10.00	-	-	-	-	FENCE
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	22+66.95	-	RIGHT	-	-	-	-	1	TREE
5	2 OF 31	RTE 231/TELEGRAPH	RTE 231	22+72.66	22+77.18	RIGHT	24.00	4.60	110.40	12.30	-	CONCRETE SIDEWALK
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	22+75.00	23+55.89	LEFT	6.00	80.90	485.40	54.00	-	CONCRETE SIDEWALK
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	22+97.15	-	RIGHT	-	-	-	-	1	TREE
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	23+00.04	23+20.22	LEFT	6.00	20.20	121.20	13.50	-	CONCRETE SIDEWALK
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	23+20.95	23+24.98	LEFT	6.00	4.10	24.60	2.80	-	CONCRETE SIDEWALK
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	23+23.34	23+47.09	RIGHT	10.00	23.80	394.90	43.90	-	CONCRETE DRIVEWAY
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	23+28.19	-	LEFT	-	-	-	-	~~1~~ -	FIRE HYDRANT(TO BE REMOVED BY OTHERS)
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	23+39.72	-	RIGHT	-	-	-	-	1	SHRUBS
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	23+42.17	-	RIGHT	-	-	-	-	~~1~~ -	FIRE HYDRANT(TO BE REMOVED BY OTHERS)
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	23+50.15	23+72.74	RIGHT	6.00	22.60	135.60	15.10	-	CONCRETE SIDEWALK
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	23+53.97	23+76.99	LEFT	10.00	23.10	116.40	13.00	-	CONCRETE DRIVEWAY
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	23+76.99	24+01.40	LEFT	10.00	24.50	127.50	14.20	-	CONCRETE DRIVEWAY
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	24+15.82	-	LEFT	-	-	-	-	1	GUY WIRE
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	24+20.14	-	LEFT	-	-	-	-	1	EXISTING SIGN
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	24+25.10	24+48.85	RIGHT	16.00	23.80	199.90	22.30	-	CONCRETE DRIVEWAY
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	24+61.54	24+96.45	LEFT	6.50	35.00	187.10	20.80	-	CONCRETE DRIVEWAY
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	24+68.19	-	RIGHT	-	-	-	-	1	TREE
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	24+75.46	24+98.96	RIGHT	16.00	23.50	225.20	25.10	-	CONCRETE DRIVEWAY
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	25+09.95	-	LEFT	-	-	-	-	1	EXISTING SIGN
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	25+27.61	25+52.23	RIGHT	6.50	24.70	118.60	13.20	-	CONCRETE DRIVEWAY
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	25+49.48	25+57.97	RIGHT	-	-	-	-	4	SHRUBS
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	25+56.31	-	RIGHT	-	-	-	-	1	EXISTING SIGN
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	25+87.60	-	LEFT	-	-	-	-	1	EXISTING SIGN
6	3 OF 31	WILLETTE	WILLETTE	25+29.00	25+62.50	LEFT	33.50	0.90	30.20	3.40	-	CONCRETE CURB
6	3 OF 31	WILLETTE	WILLETTE	25+29.00	25+72.43	RIGHT	43.50	0.90	39.20	4.40	-	CONCRETE CURB
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	25+94.93	26+33.55	LEFT	6.50	38.70	210.90	23.50	-	CONCRETE DRIVEWAY
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	26+27.57	-	RIGHT	-	-	-	-	2	EXISTING SIGN
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	26+36.05	27+75.09	LEFT	6.00	139.10	834.60	92.80	-	CONCRETE SIDEWALK
												-

2 Revised

2 Revised

2 Revised

SUMMARY OF QUANTITIES
SHEET 2 OF 106

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 7/25/2025

ROUTE	STATE
231	MO
DISTRICT	SHEET NO.
SL	3

COUNTY ST. LOUIS

JOB NO. J6S3631

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
09/03/25	2 DESCRIPTION REVISED

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

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

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LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

REMOVAL OF IMPROVEMENTS - 1 LUMP SUM (CONT.)

SHEET NO.	PLAN SHEET NO.	ROADWAY	CENTER LINE	STATION FROM	STATION TO	LOCATION	LENGTH (FEET)	WIDTH (FEET)	AREA (SF)	AREA (SY)	EACH	DESCRIPTION OF REMOVAL
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	26+40.58	26+85.31	RIGHT	6.00	44.80	268.80	29.90	-	CONCRETE SIDEWALK
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	26+85.31	26+94.26	RIGHT	6.00	9.00	54.00	6.00	-	CONCRETE SIDEWALK
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	26+88.41	27+12.19	RIGHT	16.00	23.80	197.90	22.00	-	CONCRETE DRIVEWAY
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	27+38.41	-	RIGHT	-	-	-	-	1	EXISTING SIGN
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	27+44.82	27+75.18	RIGHT	6.50	30.40	155.90	17.40	-	CONCRETE DRIVEWAY
6	3 OF 31	RTE 231/TELEGRAPH	RTE 231	27+75.09	27+92.54	LEFT	17.50	0.90	15.80	1.80	-	CONCRETE CURB
7	4 OF 31	RTE 231/TELEGRAPH	RTE 231	27+80.07	28+24.59	LEFT	6.50	44.60	222.00	24.70	-	CONCRETE DRIVEWAY
7	4 OF 31	RTE 231/TELEGRAPH	RTE 231	27+77.78	28+62.98	RIGHT	6.00	85.20	511.20	56.80	-	CONCRETE SIDEWALK
7	4 OF 31	RTE 231/TELEGRAPH	RTE 231	28+22.06	-	RIGHT	-	-	-	-	~~1~~ -	FIRE HYDRANT(TO BE REMOVED BY OTHERS)
7	4 OF 31	RTE 231/TELEGRAPH	RTE 231	28+24.09	-	LEFT	-	-	-	-	1	SHRUBS
7	4 OF 31	RTE 231/TELEGRAPH	RTE 231	28+26.99	29+35.96	LEFT	6.00	109.00	654.00	72.70	-	CONCRETE SIDEWALK
7	4 OF 31	RTE 231/TELEGRAPH	RTE 231	28+65.43	-	LEFT	-	-	-	-	1	EXISTING SIGN
7	4 OF 31	WILLETTE	WILLETTE	30+52.34	30+62.05	LEFT	9.80	0.90	8.90	1.00	-	CONCRETE CURB
7	4 OF 31	WILLETTE	WILLETTE	30+52.34	30+73.98	RIGHT	21.70	0.90	19.60	2.20	-	CONCRETE CURB
7	4 OF 31	RTE 231/TELEGRAPH	RTE 231	29+07.13	-	RIGHT	-	-	-	-	1	EXISTING SIGN
7	4 OF 31	RTE 231/TELEGRAPH	RTE 231	29+13.54	-	RIGHT	-	-	-	-	1	EXISTING SIGN
7	4 OF 31	RTE 231/TELEGRAPH	RTE 231	29+35.87	29+47.68	LEFT	11.90	0.90	10.80	1.20	-	CONCRETE CURB
7	4 OF 31	RTE 231/TELEGRAPH	RTE 231	29+39.43	29+95.98	LEFT	5.00	56.60	246.20	27.40	-	CONCRETE DRIVEWAY
7	4 OF 31	RTE 231/TELEGRAPH	RTE 231	29+66.11	-	RIGHT	-	-	-	-	1	EXISTING SIGN
7	4 OF 31	RTE 231/TELEGRAPH	RTE 231	29+68.82	29+90.10	RIGHT	7.00	21.30	91.90	10.30	-	CONCRETE DRIVEWAY
7	4 OF 31	RTE 231/TELEGRAPH	RTE 231	29+86.73	30+04.33	LEFT	17.60	0.90	15.90	1.80	-	CONCRETE CURB
7	4 OF 31	RTE 231/TELEGRAPH	RTE 231	30+00.23	30+87.74	LEFT	6.00	87.60	525.60	58.40	-	CONCRETE SIDEWALK
7	4 OF 31	RTE 231/TELEGRAPH	RTE 231	30+36.28	30+74.33	RIGHT	6.00	38.10	163.50	18.20	-	CONCRETE DRIVEWAY
7	4 OF 31	RTE 231/TELEGRAPH	RTE 231	30+68.29	30+84.89	RIGHT	6.00	16.60	99.60	11.10	-	CONCRETE SIDEWALK
7	4 OF 31	RTE 231/TELEGRAPH	RTE 231	30+79.18	31+14.04	RIGHT	6.50	34.90	161.80	18.00	-	CONCRETE DRIVEWAY
7	4 OF 31	RTE 231/TELEGRAPH	RTE 231	30+87.74	31+04.33	LEFT	16.60	0.90	15.00	1.70	-	CONCRETE CURB
7	4 OF 31	RTE 231/TELEGRAPH	RTE 231	30+91.45	31+45.15	LEFT	17.00	53.70	655.10	72.80	-	CONCRETE DRIVEWAY
7	4 OF 31	RTE 231/TELEGRAPH	RTE 231	31+35.31	33+00.00	LEFT	164.70	0.90	148.30	16.50	-	CONCRETE CURB
7	4 OF 31	RTE 231/TELEGRAPH	RTE 231	31+48.54	33+00.00	LEFT	6.00	151.50	909.00	101.00	-	CONCRETE SIDEWALK
7	4 OF 31	RTE 231/TELEGRAPH	RTE 231	31+98.96	32+35.83	RIGHT	7.50	36.90	193.90	21.60	-	CONCRETE DRIVEWAY
7	4 OF 31	RTE 231/TELEGRAPH	RTE 231	32+75.55	33+09.93	RIGHT	6.50	34.40	166.60	18.60	-	CONCRETE DRIVEWAY
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	33+00.00	34+91.12	LEFT	6.00	191.20	1147.20	127.50	-	CONCRETE SIDEWALK
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	33+00.00	34+90.80	LEFT	190.80	0.90	171.80	19.10	-	CONCRETE CURB
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	33+46.81	33+67.66	RIGHT	6.50	20.90	103.90	11.60	-	CONCRETE DRIVEWAY
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	33+70.49	-	RIGHT	-	-	-	-	1	LIGHT POLE
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	33+74.30	34+38.82	RIGHT	6.50	64.60	399.90	44.50	-	CONCRETE DRIVEWAY
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	34+38.82	34+94.84	RIGHT	56.10	0.90	50.50	5.70	-	CONCRETE CURB
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	34+41.27	34+94.84	RIGHT	6.00	53.60	321.60	35.80	-	CONCRETE SIDEWALK
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	34+45.81	-	LEFT	-	-	-	-	1	EXISTING SIGN
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	34+92.98	35+52.17	LEFT	6.50	59.20	355.20	39.50	-	CONCRETE DRIVEWAY
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	34+97.02	35+41.64	RIGHT	6.50	44.70	257.80	28.70	-	CONCRETE DRIVEWAY
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	35+38.80	-	RIGHT	-	-	-	-	~~1~~ -	FIRE HYDRANT(TO BE REMOVED BY OTHERS)
												-

2 Revised

2 Revised

SUMMARY OF QUANTITIES
SHEET 3 OF 106

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 7/25/2025
ROUTE 231 | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. J6S3631
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION
09/03/25	2 DESCRIPTION REVISED

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

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

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

REMOVAL OF IMPROVEMENTS - 1 LUMP SUM (CONT.)

SHEET NO.	PLAN SHEET NO.	ROADWAY	CENTER LINE	STATION FROM	STATION TO	LOCATION	LENGTH (FEET)	WIDTH (FEET)	AREA (SF)	AREA (SY)	EACH	DESCRIPTION OF REMOVAL
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	35+57.77	35+75.88	LEFT	6.50	18.20	100.80	11.20	-	ASPHALT DRIVEWAY
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	35+57.77	36+04.88	LEFT	6.00	47.20	283.20	31.50	-	CONCRETE SIDEWALK
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	35+57.97	-	RIGHT	-	-	-	-	~~1~~ -	FIRE HYDRANT (TO BE REMOVED BY OTHERS)
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	35+85.50	35+93.44	RIGHT	8.00	0.90	7.20	0.80	-	CONCRETE CURB
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	35+88.28	36+25.55	RIGHT	6.50	37.30	199.70	22.20	-	CONCRETE DRIVEWAY
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	36+06.58	36+16.19	LEFT	9.70	0.90	8.80	1.00	-	CONCRETE CURB
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	36+08.90	36+52.05	LEFT	10.00	43.20	199.70	22.20	-	CONCRETE DRIVEWAY
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	36+06.58	36+16.19	LEFT	9.70	0.90	8.80	1.00	-	CONCRETE CURB
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	36+21.56	36+25.55	RIGHT	4.00	0.90	3.60	0.40	-	CONCRETE CURB
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	36+47.37	37+37.61	LEFT	6.00	90.30	541.80	60.20	-	CONCRETE SIDEWALK
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	36+59.08	-	RIGHT	-	-	-	-	2	EXISTING SIGN
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	36+65.94	-	LEFT	-	-	-	-	1	EXISTING SIGN
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	37+37.61	37+52.11	LEFT	6.00	14.50	87.00	9.70	-	CONCRETE CURB RAMP
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	37+37.61	37+52.11	LEFT	14.50	0.90	13.10	1.50	-	CONCRETE CURB
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	37+35.23	37+45.99	RIGHT	10.80	0.90	9.80	1.10	-	CONCRETE CURB
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	37+38.35	38+05.11	RIGHT	6.50	66.80	199.70	22.20	-	CONCRETE DRIVEWAY
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	37+41.46	38+02.20	LEFT	10.00	60.80	199.70	22.20	-	CONCRETE DRIVEWAY
8	5 OF 31	RTE 231/TELEGRAPH	RTE 231	37+97.20	38+08.63	RIGHT	11.50	0.90	10.40	1.20	-	CONCRETE CURB
9	6 OF 31	RTE 231/TELEGRAPH	RTE 231	37+96.96	38+40.85	LEFT	6.00	43.90	263.40	29.30	-	CONCRETE SIDEWALK
9	6 OF 31	RTE 231/TELEGRAPH	RTE 231	37+96.96	38+25.80	LEFT	28.90	0.90	26.10	2.90	-	CONCRETE CURB
9	6 OF 31	RTE 231/TELEGRAPH	RTE 231	38+08.23	39+87.22	RIGHT	6.00	179.00	1074.00	119.40	-	CONCRETE SIDEWALK
9	6 OF 31	RTE 231/TELEGRAPH	RTE 231	38+04.37	40+10.49	RIGHT	206.20	0.90	185.60	20.70	-	CONCRETE CURB
9	6 OF 31	RTE 231/TELEGRAPH	RTE 231	38+25.80	38+44.72	LEFT	19.00	0.90	17.10	1.90	-	CONCRETE CURB
9	6 OF 31	RTE 231/TELEGRAPH	RTE 231	38+30.24	39+12.29	LEFT	13.50	82.10	817.20	90.80	-	CONCRETE DRIVEWAY
9	6 OF 31	RTE 231/TELEGRAPH	RTE 231	38+95.07	39+82.22	LEFT	87.20	0.90	78.50	8.80	-	CONCRETE CURB
9	6 OF 31	RTE 231/TELEGRAPH	RTE 231	39+81.27	-	LEFT	-	-	-	-	1	MAST ARM
9	6 OF 31	RTE 231/TELEGRAPH	RTE 231	39+82.22	39+87.22	LEFT	7.00	5.00	35.00	3.90	-	CONCRETE CURB RAMP
9	6 OF 31	RTE 231/TELEGRAPH	RTE 231	39+84.21	-	LEFT	-	-	-	-	2	HAND HOLE
9	6 OF 31	RTE 231/TELEGRAPH	RTE 231	39+85.33	-	LEFT	-	-	-	-	1	LIGHT POLE
9	6 OF 31	JEFFERSONIAN	JEFFERSONIAN	35+42.64	35+65.00	LEFT	22.40	0.90	20.20	2.30	-	CONCRETE CURB
9	6 OF 31	JEFFERSONIAN	JEFFERSONIAN	35+38.91	35+65.00	RIGHT	26.10	0.90	23.50	2.70	-	CONCRETE CURB
9	6 OF 31	JEFFERSONIAN	JEFFERSONIAN	35+58.13	-	LEFT	-	-	-	-	1	SIGNAL POST
9	6 OF 31	JEFFERSONIAN	JEFFERSONIAN	36+66.60	-	RIGHT	-	-	-	-	1	EXISTING SIGN
9	6 OF 31	RTE 231/TELEGRAPH	RTE 231	40+02.00	40+15.35	RIGHT	7.00	13.40	93.80	10.50	-	CONCRETE CURB RAMP
9	6 OF 31	RTE 231/TELEGRAPH	RTE 231	40+10.34	-	RIGHT	-	-	-	-	1	EXISTING SIGN
9	6 OF 31	JEFFERSONIAN	JEFFERSONIAN	40+90.00	41+05.26	LEFT	6.00	15.30	91.80	10.20	-	CONCRETE SIDEWALK
9	6 OF 31	JEFFERSONIAN	JEFFERSONIAN	40+90.00	41+19.21	LEFT	29.30	0.90	26.40	3.00	-	CONCRETE CURB
9	6 OF 31	JEFFERSONIAN	JEFFERSONIAN	40+90.00	41+08.55	RIGHT	6.00	18.60	111.60	12.40	-	CONCRETE SIDEWALK
9	6 OF 31	JEFFERSONIAN	JEFFERSONIAN	40+90.00	41+17.03	RIGHT	6.00	0.90	5.40	0.60	-	CONCRETE CURB
9	6 OF 31	JEFFERSONIAN	JEFFERSONIAN	41+00.55	-	RIGHT	-	-	-	-	1	SIGNAL POST
9	6 OF 31	JEFFERSONIAN	JEFFERSONIAN	41+06.11	-	RIGHT	-	-	-	-	2	HAND HOLE
9	6 OF 31	JEFFERSONIAN	JEFFERSONIAN	41+08.39	41+12.29	RIGHT	6.00	3.90	23.40	2.60	-	CONCRETE CURB RAMP
												-

2 Revised

SUMMARY OF QUANTITIES
SHEET 4 OF 106

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 7/25/2025

ROUTE	STATE
231	MO
DISTRICT	SHEET NO.
SL	3

COUNTY ST. LOUIS

JOB NO. J6S3631

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
09/03/25	2 DESCRIPTION REVISED

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

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

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St. Louis, Missouri 63101
Professional Engineer 001632
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314.770.0467

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

REMOVAL OF IMPROVEMENTS - 1 LUMP SUM (CONT.)

SHEET NO	PLAN SHEET NO.	ROADWAY	CENTER LINE	STATION FROM	STATION TO	LOCATION	LENGTH (FEET)	WIDTH (FEET)	AREA (SF)	AREA (SY)	EACH	DESCRIPTION OF REMOVAL
27	24 OF 31	RTE 231/BROADWAY	RTE 231	129+87.29	130+34.22	LEFT	6.00	47.00	282.00	31.40	-	CONCRETE SIDEWALK
27	24 OF 31	RTE 231/BROADWAY	RTE 231	129+99.78	130+26.89	RIGHT	27.20	0.90	24.50	2.80	-	CONCRETE CURB
27	24 OF 31	RTE 231/BROADWAY	RTE 231	130+07.34	130+30.31	RIGHT	23.00	0.90	20.70	2.30	-	CONCRETE CURB
27	24 OF 31	RTE 231/BROADWAY	RTE 231	130+31.55	130+73.17	LEFT	7.00	41.70	258.50	28.80	-	ASPHALT DRIVEWAY
27	24 OF 31	RTE 231/BROADWAY	RTE 231	130+73.07	-	LEFT	-	-	-	-	~~1~~ -	FIRE HYDRANT(TO BE REMOVED BY OTHERS)
27	24 OF 31	RTE 231/BROADWAY	RTE 231	130+75.67	-	RIGHT	-	-	-	-	1	EXISTING SIGN
27	24 OF 31	RTE 231/BROADWAY	RTE 231	130+80.36	130+89.36	RIGHT	6.00	9.00	54.00	6.00	-	CONCRETE CURB RAMP
27	24 OF 31	RTE 231/BROADWAY	RTE 231	130+80.96	-	LEFT	-	-	-	-	1	EXISTING SIGN
27	24 OF 31	RTE 231/BROADWAY	RTE 231	131+02.98	-	LEFT	-	-	-	-	1	EXISTING SIGN
27	24 OF 31	RTE 231/BROADWAY	RTE 231	131+11.00	131+21.14	LEFT	6.00	10.20	61.20	6.80	-	CONCRETE CURB RAMP
27	24 OF 31	W ETTA	W ETTA	205+63.66	-	LEFT	-	-	-	-	1	EXISTING SIGN
27	24 OF 31	W ETTA	W ETTA	205+63.66	-	RIGHT	-	-	-	-	1	EXISTING SIGN
27	24 OF 31	RTE 231/BROADWAY	RTE 231	131+35.93	131+51.97	RIGHT	7.50	16.10	85.10	9.50	-	CONCRETE DRIVEWAY
27	24 OF 31	RTE 231/BROADWAY	RTE 231	131+49.29	131+55.95	LEFT	5.00	6.70	33.50	3.80	-	CONCRETE CURB RAMP
27	24 OF 31	RTE 231/BROADWAY	RTE 231	131+49.34	132+13.91	RIGHT	6.00	64.60	387.60	43.10	-	CONCRETE SIDEWALK
27	24 OF 31	RTE 231/BROADWAY	RTE 231	131+53.53	134+04.17	LEFT	250.70	0.90	225.70	25.10	-	CONCRETE CURB
27	24 OF 31	RTE 231/BROADWAY	RTE 231	131+55.95	134+04.42	LEFT	6.00	248.50	1,491.00	165.70	-	CONCRETE SIDEWALK
27	24 OF 31	RTE 231/BROADWAY	RTE 231	132+10.89	132+29.25	RIGHT	6.00	18.40	83.60	9.30	-	ASPHALT DRIVEWAY
27	24 OF 31	RTE 231/BROADWAY	RTE 231	132+30.47	133+01.99	RIGHT	71.60	0.90	64.50	7.20	-	CONCRETE CURB
27	24 OF 31	RTE 231/BROADWAY	RTE 231	133+01.03	133+12.78	RIGHT	6.00	11.80	70.80	7.90	-	CONCRETE CURB RAMP
27	24 OF 31	E CARTWRIGHT	E CARTWRIGHT	210+32.71	-	LEFT	-	-	-	-	1	EXISTING SIGN
27	24 OF 31	RTE 231/BROADWAY	RTE 231	133+44.29	133+54.69	RIGHT	6.00	10.40	62.40	7.00	-	CONCRETE CURB RAMP
27	24 OF 31	RTE 231/BROADWAY	RTE 231	133+75.63	133+92.61	RIGHT	6.00	17.00	83.60	9.30	-	ASPHALT DRIVEWAY
27	24 OF 31	RTE 231/BROADWAY	RTE 231	134+01.20	-	RIGHT	-	-	-	-	1	EXISTING SIGN
27	24 OF 31	RTE 231/BROADWAY	RTE 231	134+04.42	134+16.66	LEFT	6.00	12.30	73.80	8.20	-	CONCRETE CURB RAMP
27	24 OF 31	RTE 231/BROADWAY	RTE 231	134+09.26	134+23.06	RIGHT	6.50	13.80	56.20	6.30	-	CONCRETE DRIVEWAY
27	24 OF 31	W CARTWRIGHT	W CARTWRIGHT	215+63.09	-	RIGHT	-	-	-	-	2	EXISTING SIGN
27	24 OF 31	RTE 231/BROADWAY	RTE 231	134+19.93	135+00.00	RIGHT	6.00	80.10	480.60	53.40	-	CONCRETE SIDEWALK
27	24 OF 31	RTE 231/BROADWAY	RTE 231	134+32.02	135+00.00	RIGHT	68.00	0.90	61.20	6.80	-	CONCRETE CURB
27	24 OF 31	RTE 231/BROADWAY	RTE 231	134+32.32	-	RIGHT	-	-	-	-	1	EXISTING SIGN
27	24 OF 31	RTE 231/BROADWAY	RTE 231	134+47.30	134+59.04	LEFT	6.00	11.80	70.80	7.90	-	CONCRETE CURB RAMP
27	24 OF 31	RTE 231/BROADWAY	RTE 231	134+56.71	135+00.00	LEFT	43.30	0.90	39.00	4.40	-	CONCRETE CURB
27	24 OF 31	RTE 231/BROADWAY	RTE 231	134+59.04	135+00.00	LEFT	6.00	41.00	246.00	27.40	-	CONCRETE SIDEWALK
27	24 OF 31	RTE 231/BROADWAY	RTE 231	134+75.81	-	RIGHT	-	-	-	-	1	EXISTING SIGN
28	25 OF 31	RTE 231/BROADWAY	RTE 231	135+00.00	135+35.44	RIGHT	6.00	35.50	213.00	23.70	-	CONCRETE SIDEWALK
28	25 OF 31	RTE 231/BROADWAY	RTE 231	135+00.00	135+43.10	RIGHT	43.10	0.90	38.80	4.40	-	CONCRETE CURB
28	25 OF 31	RTE 231/BROADWAY	RTE 231	135+00.00	137+00.83	LEFT	6.00	200.90	1,205.40	134.00	-	CONCRETE SIDEWALK
28	25 OF 31	RTE 231/BROADWAY	RTE 231	135+00.00	136+38.17	LEFT	138.20	0.90	124.40	13.90	-	CONCRETE CURB
28	25 OF 31	RTE 231/BROADWAY	RTE 231	135+24.40	-	RIGHT	-	-	-	-	1	SHRUBS
28	25 OF 31	RTE 231/BROADWAY	RTE 231	135+25.30	-	RIGHT	-	-	-	-	1	EXISTING SIGN
28	25 OF 31	RTE 231/BROADWAY	RTE 231	135+35.44	135+53.32	RIGHT	6.00	17.90	107.40	12.00	-	CONCRETE CURB RAMP
28	25 OF 31	RTE 231/BROADWAY	RTE 231	135+47.74	-	RIGHT	-	-	-	-	1	EXISTING SIGN
												-

2 Revised

SUMMARY OF QUANTITIES
SHEET 19 OF 106

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 7/25/2025

ROUTE	STATE
231	MO
DISTRICT	SHEET NO.
SL	3

COUNTY ST. LOUIS
JOB NO. J6S3631
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION
09/03/25	2 DESCRIPTION REVISED

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

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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314.770.0467

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

REMOVAL OF IMPROVEMENTS - 1 LUMP SUM (CONT.)

SHEET NO.	PLAN SHEET NO.	ROADWAY	CENTER LINE	STATION FROM	STATION TO	LOCATION	LENGTH (FEET)	WIDTH (FEET)	AREA (SF)	AREA (SY)	EACH	DESCRIPTION OF REMOVAL
30	27 OF 31	RTE 231/BROADWAY	RTE 231	148+38.10	149+33.47	LEFT	95.40	0.90	85.90	9.60	-	CONCRETE CURB
30	27 OF 31	RTE 231/BROADWAY	RTE 231	149+26.18	149+82.85	LEFT	7.00	56.70	451.20	50.20	-	CONCRETE DRIVEWAY
30	27 OF 31	RTE 231/BROADWAY	RTE 231	149+80.06	150+25.00	LEFT	45.00	0.90	40.50	4.50	-	CONCRETE CURB
30	27 OF 31	RTE 231/BROADWAY	RTE 231	149+80.08	150+25.00	LEFT	6.00	45.00	270.00	30.00	-	CONCRETE SIDEWALK
31	28 OF 31	RTE 231/BROADWAY	RTE 231	150+25.00	150+79.96	LEFT	55.00	0.90	49.50	5.50	-	CONCRETE CURB
31	28 OF 31	RTE 231/BROADWAY	RTE 231	150+25.00	150+79.02	LEFT	6.00	54.10	324.60	36.10	-	CONCRETE SIDEWALK
31	28 OF 31	RTE 231/BROADWAY	RTE 231	150+29.61	-	LEFT	-	-	-	-	1	EXISTING SIGN
31	28 OF 31	RTE 231/BROADWAY	RTE 231	150+69.16	-	LEFT	-	-	-	-	1	EXISTING SIGN
31	28 OF 31	RTE 231/BROADWAY	RTE 231	150+76.29	151+32.30	LEFT	7.00	56.10	344.20	38.30	-	CONCRETE DRIVEWAY
31	28 OF 31	RTE 231/BROADWAY	RTE 231	151+32.67	151+42.93	LEFT	5.00	10.30	51.50	5.80	-	CONCRETE CURB RAMP
31	28 OF 31	RTE 231/BROADWAY	RTE 231	151+33.82	151+70.99	LEFT	20.00	37.20	570.10	63.40	-	ASPHALT DRIVEWAY
31	28 OF 31	RTE 231/BROADWAY	RTE 231	151+73.49	-	LEFT	-	-	-	-	1	EXISTING SIGN
31	28 OF 31	WEISS	WEISS	245+25.88	245+78.99	RIGHT	6.00	53.20	319.20	35.50	-	CONCRETE SIDEWALK
31	28 OF 31	WEISS	WEISS	245+27.93	-	RIGHT	-	-	-	-	1	EXISTING SIGN
31	28 OF 31	RTE 231/BROADWAY	RTE 231	152+09.87	152+20.51	LEFT	9.00	10.70	96.30	10.70	-	CONCRETE CURB RAMP
31	28 OF 31	RTE 231/BROADWAY	RTE 231	152+19.99	-	RIGHT	-	-	-	-	1	EXISTING SIGN AND BENCH
31	28 OF 31	RTE 231/BROADWAY	RTE 231	152+40.79	153+26.33	LEFT	7.00	85.60	563.10	62.60	-	CONCRETE DRIVEWAY
31	28 OF 31	RTE 231/BROADWAY	RTE 231	153+23.38	155+20.00	LEFT	6.00	196.70	1,180.20	131.20	-	CONCRETE SIDEWALK
31	28 OF 31	RTE 231/BROADWAY	RTE 231	153+27.97	155+20.00	LEFT	192.10	0.90	172.90	19.30	-	CONCRETE CURB
31	28 OF 31	RTE 231/BROADWAY	RTE 231	154+07.85	-	RIGHT	-	-	-	-	1	EXISTING SIGN
32	29 OF 31	RTE 231/BROADWAY	RTE 231	155+20.00	155+24.95	LEFT	5.00	0.90	4.50	0.50	-	CONCRETE CURB
32	29 OF 31	RTE 231/BROADWAY	RTE 231	155+20.00	155+28.50	LEFT	6.00	8.50	51.00	5.70	-	CONCRETE SIDEWALK
32	29 OF 31	RTE 231/BROADWAY	RTE 231	155+28.45	155+32.63	LEFT	5.00	4.20	21.00	2.40	-	CONCRETE CURB RAMP
32	29 OF 31	HORN	HORN	250+14.60	250+56.50	RIGHT	41.90	0.90	37.80	4.20	-	CONCRETE CURB
32	29 OF 31	HORN	HORN	250+26.44	-	RIGHT	-	-	-	-	1	EXISTING SIGN
32	29 OF 31	HORN	HORN	250+29.11	250+56.50	RIGHT	6.00	27.40	164.40	18.30	-	CONCRETE SIDEWALK
32	29 OF 31	HORN	HORN	250+39.94	-	LEFT	-	-	-	-	1	EXISTING SIGN
32	29 OF 31	HORN	HORN	250+45.63	-	RIGHT	-	-	-	-	~~1~~ -	FIRE HYDRANT (TO BE REMOVED BY OTHERS)
32	29 OF 31	RTE 231/BROADWAY	RTE 231	155+71.45	155+76.21	LEFT	5.00	4.80	24.00	2.70	-	CONCRETE CURB RAMP
32	29 OF 31	RTE 231/BROADWAY	RTE 231	155+72.84	156+27.72	LEFT	54.90	0.90	49.50	5.50	-	CONCRETE CURB
32	29 OF 31	RTE 231/BROADWAY	RTE 231	156+42.28	157+75.92	LEFT	6.00	133.70	802.20	89.20	-	CONCRETE SIDEWALK
32	29 OF 31	RTE 231/BROADWAY	RTE 231	157+75.92	157+87.35	LEFT	6.00	11.50	69.00	7.70	-	CONCRETE CURB RAMP
32	29 OF 31	RTE 231/BROADWAY	RTE 231	157+80.00	158+33.28	LEFT	5.00	53.30	211.50	23.50	-	ASPHALT DRIVEWAY
32	29 OF 31	RTE 231/BROADWAY	RTE 231	158+25.93	158+37.36	LEFT	6.00	11.50	69.00	7.70	-	CONCRETE CURB RAMP
32	29 OF 31	RTE 231/BROADWAY	RTE 231	158+30.72	160+60.00	LEFT	229.30	0.90	206.40	23.00	-	CONCRETE CURB
32	29 OF 31	RTE 231/BROADWAY	RTE 231	158+37.36	160+60.00	LEFT	6.00	222.70	1,336.20	148.50	-	CONCRETE SIDEWALK
32	29 OF 31	RTE 231/BROADWAY	RTE 231	160+09.29	-	RIGHT	-	-	-	-	1	EXISTING SIGN
32	29 OF 31	RTE 231/BROADWAY	RTE 231	160+21.62	-	LEFT	-	-	-	-	1	EXISTING SIGN
33	30 OF 31	RTE 231/BROADWAY	RTE 231	160+60.00	161+24.19	LEFT	6.00	64.20	385.20	42.80	-	CONCRETE SIDEWALK
33	30 OF 31	RTE 231/BROADWAY	RTE 231	160+60.00	161+27.72	LEFT	67.80	0.90	61.10	6.80	-	CONCRETE CURB
33	30 OF 31	RTE 231/BROADWAY	RTE 231	160+74.39	-	LEFT	-	-	-	-	1	EXISTING SIGN
33	30 OF 31	RTE 231/BROADWAY	RTE 231	161+24.19	161+32.67	LEFT	6.00	8.50	51.00	5.70	-	CONCRETE CURB RAMP
												-

2 Revised

SUMMARY OF QUANTITIES
SHEET 22 OF 106

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 7/25/2025

ROUTE	STATE
231	MO
DISTRICT	SHEET NO.
SL	3

COUNTY ST. LOUIS

JOB NO. J6S3631

CONTRACT ID.

PROJECT NO.

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DATE	DESCRIPTION
09/03/25	2 DESCRIPTION REVISED

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314.770.0467

REMOVAL OF IMPROVEMENTS - 1 LUMP SUM (CONT.)

SHEET NO.	PLAN SHEET NO.	ROADWAY	CENTER LINE	STATION FROM	STATION TO	LOCATION	LENGTH (FEET)	WIDTH (FEET)	AREA (SF)	AREA (SY)	EACH	DESCRIPTION OF REMOVAL
33	30 OF 31	RTE 231/BROADWAY	RTE 231	161+41.02	-	RIGHT	-	-	-	-	1	EXISTING SIGN
33	30 OF 31	WALLER	WALLER	255+35.10	-	LEFT	-	-	-	-	1	EXISTING SIGN
33	30 OF 31	RTE 231/BROADWAY	RTE 231	161+55.65	161+69.78	LEFT	6.00	14.20	85.20	9.50	-	CONCRETE CURB RAMP
33	30 OF 31	RTE 231/BROADWAY	RTE 231	161+59.94	164+26.14	LEFT	266.20	0.90	239.60	26.70	-	CONCRETE CURB
33	30 OF 31	RTE 231/BROADWAY	RTE 231	161+69.75	164+29.20	LEFT	6.00	259.50	1,557.00	173.00	-	CONCRETE SIDEWALK
33	30 OF 31	RTE 231/BROADWAY	RTE 231	163+21.34	-	LEFT	-	-	-	-	1	EXISTING SIGN
33	30 OF 31	RTE 231/BROADWAY	RTE 231	163+43.34	-	LEFT	-	-	-	-	1	EXISTING SIGN
33	30 OF 31	RTE 231/BROADWAY	RTE 231	164+29.98	164+66.64	LEFT	36.70	-	-	-	-	FENCE AND GATE
33	30 OF 31	RTE 231/BROADWAY	RTE 231	164+81.04	164+90.48	LEFT	6.00	9.50	57.00	6.40	-	CONCRETE CURB RAMP
33	30 OF 31	RTE 231/BROADWAY	RTE 231	164+86.54	-	RIGHT	-	-	-	-	1	EXISTING SIGN
33	30 OF 31	KAYSER	KAYSER	260+41.88	-	LEFT	-	-	-	-	1	EXISTING SIGN
33	30 OF 31	RTE 231/BROADWAY	RTE 231	165+24.18	165+81.23	RIGHT	7.00	57.10	311.90	34.70	-	ASPHALT DRIVEWAY
33	30 OF 31	RTE 231/BROADWAY	RTE 231	165+24.18	165+35.73	RIGHT	11.60	0.90	10.50	1.20	-	CONCRETE CURB
33	30 OF 31	RTE 231/BROADWAY	RTE 231	165+24.83	-	RIGHT	-	-	-	-	1	EXISTING SIGN
33	30 OF 31	RTE 231/BROADWAY	RTE 231	165+28.68	165+37.31	LEFT	6.00	8.70	52.20	5.80	-	CONCRETE CURB RAMP
33	30 OF 31	RTE 231/BROADWAY	RTE 231	165+37.20	165+50.46	LEFT	6.00	13.30	79.80	8.90	-	CONCRETE SIDEWALK
33	30 OF 31	RTE 231/BROADWAY	RTE 231	165+42.33	-	LEFT	-	-	-	-	1	EXISTING SIGN
34	31 OF 31	RTE 231/BROADWAY	RTE 231	165+46.73	165+86.47	LEFT	6.00	39.80	195.50	21.80	-	ASPHALT DRIVEWAY
34	31 OF 31	RTE 231/BROADWAY	RTE 231	165+74.49	166+38.59	RIGHT	6.00	64.10	384.60	42.80	-	CONCRETE SIDEWALK
34	31 OF 31	RTE 231/BROADWAY	RTE 231	165+82.27	165+89.17	LEFT	0.50	6.90	3.50	0.40	-	CONCRETE CURB RAMP
34	31 OF 31	RTE 231/BROADWAY	RTE 231	165+82.82	166+06.79	LEFT	6.00	24.00	144.00	16.00	-	CONCRETE SIDEWALK
34	31 OF 31	RTE 231/BROADWAY	RTE 231	166+06.79	166+11.74	LEFT	0.50	5.00	2.50	0.30	-	CONCRETE CURB RAMP
34	31 OF 31	RTE 231/BROADWAY	RTE 231	166+08.96	166+47.24	LEFT	6.00	38.30	190.60	21.20	-	ASPHALT DRIVEWAY
34	31 OF 31	RTE 231/BROADWAY	RTE 231	166+43.85	166+50.26	LEFT	6.00	6.50	39.00	4.40	-	CONCRETE CURB RAMP
34	31 OF 31	RTE 231/BROADWAY	RTE 231	166+50.09	-	RIGHT	-	-	-	-	1	EXISTING SIGN
34	31 OF 31	RTE 231/BROADWAY	RTE 231	166+53.91	-	RIGHT	-	-	-	-	1	EXISTING SIGN
34	31 OF 31	RTE 231/BROADWAY	RTE 231	166+70.43	-	LEFT	-	-	-	-	1	EXISTING SIGN
34	31 OF 31	RTE 231/BROADWAY	RTE 231	166+78.66	166+94.31	LEFT	7.00	15.70	109.90	12.30	-	CONCRETE CURB RAMP
34	31 OF 31	RTE 231/BROADWAY	RTE 231	166+81.87	166+96.47	RIGHT	7.00	14.60	102.20	11.40	-	CONCRETE CURB RAMP
34	31 OF 31	RIVER CITY CASINO	RTE 231	266+28.17	266+80.86	LEFT	6.00	52.70	316.20	35.20	-	CONCRETE SIDEWALK
22	19 OF 31	RTE 231/BROADWAY	RTE 231	110+36.42	110+55.08	RIGHT	6.50	18.70	130.00	14.50	-	EAST CONCRETE DRAINAGE STRUCTURE TOP REMOVAL. UTILIZE FULL DEPTH SAW CUTS TO DETACH LID FROM UNDERLYING
22	19 OF 31	RTE 231/BROADWAY	RTE 231	110+43.22	110+65.69	LEFT	6.90	22.50	160.00	17.80	-	WEST CONCRETE DRAINAGE STRUCTURE TOP REMOVAL. UTILIZE FULL DEPTH SAW CUTS TO DETACH LID FROM UNDERLYING
14	11 OF 31	TACOMA	TACOMA	86+00.00	-	LEFT	-	-	-	-	1	POWER SUPPLY
16	13 OF 31	RTE 231/KINGSTON	RTE 231	76+91.56	-	LEFT	-	-	-	-	1	POWER SUPPLY
21	18 OF 31	BROADWAY	BROADWAY	135+00.00	-	LEFT	-	-	-	-	1	POWER SUPPLY
21	18 OF 31	BROADWAY	BROADWAY	135+85.12	-	RIGHT	-	-	-	-	1	LIGHT POLE
28	25 OF 31	BROADWAY	BROADWAY	137+23.29	-	RIGHT	-	-	-	-	1	LIGHT POLE
28	25 OF 31	BROADWAY	BROADWAY	137+35.88	-	RIGHT	-	-	-	-	1	POWER SUPPLY
ITS REMOVALS												
334	2 OF 16	RTE 231/TELEGRAPH	RTE 231	5+76.94	-	RIGHT	-	-	-	-	1	RADIO
335	3 OF 16	RTE 231/TELEGRAPH	RTE 231	47+39.43	-	LEFT	-	-	-	-	1	RADIO
337	5 OF 16	RTE 231/BROADWAY	RTE 231	108+40.40	-	RIGHT	-	-	-	-	1	RADIO
339	7 OF 16	RTE 231/BROADWAY	RTE 231	143+76.04	-	RIGHT	-	-	-	-	1	RADIO
Various	Various	PIPE REMOVALS PER QUANTITY SHEET 82 OF 106										SEE SHEET 82 OF 106 FOR APPROX. SIZE AND LOCATIONS
						PAY TOTAL	**1 LUMP SUM**					

2 Revised

MOBILIZATION	
PAY TOTAL	**1 LUMP SUM**

SIGNET DBE REPORTING	
PAY TOTAL	**1 LUMP SUM**

SUMMARY OF QUANTITIES
SHEET 23 OF 106

STATE OF MISSOURI
DENNIS J. KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/8/2025
ROUTE 231 | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. J6S3631
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION
09/08/25	2 QUANTITY TABLE REVISED

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

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600 Washington Ave., Suite 950
St. Louis, Missouri 63101
Professional Engineer 001632
www.hansoninc.com
314.770.0467

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

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

FULL DEPTH PAVEMENT

SHEET NO.	DRAINAGE PLAN SHEET NO.	STATION FROM	STATION TO	ROADWAY	CENTER LINE	LOCATION	FULL DEPTH PAVEMENT DEPTH (IN)	DEPTH OF ASPHALT OVERLAY (IN)	DEPTH OF CONCRETE (IN)	DEPTH OF AGGREGATE BASE (IN)	AREA OF FULL DEPTH PAVEMENT REMOVAL (SQFT)	CONVERSION FACTOR FOR MISC. {HIGH TENSILE STRENGTH SYNTHETIC FIBER ASPHALTIC PAVEMENT PG 76-22 (SP125CLP MIX)} ~~ASPHALTIC CONCRETE CONVERSION FACTOR FOR PG76-22 (SP125CLP MIX)~~ (TONS/CY)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQYD)	CONCRETE PAVEMENT (8 IN. NON-REINF) (SQYD)	MISC. {HIGH TENSILE STRENGTH SYNTHETIC FIBER ASPHALTIC PAVEMENT PG 76-22 (SP125CLP MIX)} ~~ASPHALTIC CONCRETE MIXTURE PG76-22 (SP125CLP MIX) WITH REINFORCING FIBERS~~ (TONS)	REMARKS
133	1 OF 31	10+31.66	10+81.00	FRANRU LN	FRANRU LN	LT/RT	14.00	2.00	8.00	4.00	1,508.10	1.97	167.60	167.60	18.4	MEASURED IN CADD
133	1 OF 31	13+72.50	17+75.00	RTE 231/TELEGRAPH	RTE 231	LT	14.00	2.00	8.00	4.00	402.50	1.97	44.80	44.80	4.9	1 FT WIDTH FROM TYP. SECTION
133	1 OF 31	13+72.50	17+75.00	RTE 231/TELEGRAPH	RTE 231	RT	14.00	2.00	8.00	4.00	402.50	1.97	44.80	44.80	4.9	1 FT WIDTH FROM TYP. SECTION
133	1 OF 31	16+45.05	17+75.00	RTE 231/TELEGRAPH	RTE 231	LT	14.00	2.00	8.00	4.00	1,297.30	1.97	144.20	144.20	15.8	MEASURED IN CADD
134	2 OF 31	15+49.89	15+68.65	SYLVANWOOD TERRACE	SYLVANWOOD TERRACE	LT/RT	14.00	2.00	8.00	4.00	512.60	1.97	57.00	57.00	6.3	MEASURED IN CADD
134	2 OF 31	17+75.00	22+75.00	RTE 231/TELEGRAPH	RTE 231	LT	14.00	2.00	8.00	4.00	500.00	1.97	55.60	55.60	6.1	1 FT WIDTH FROM TYP. SECTION
134	2 OF 31	17+75.00	20+16.11	RTE 231/TELEGRAPH	RTE 231	LT	14.00	2.00	8.00	4.00	2,152.90	1.97	239.30	239.30	26.2	MEASURED IN CADD
134	2 OF 31	17+75.00	22+75.00	RTE 231/TELEGRAPH	RTE 231	RT	14.00	2.00	8.00	4.00	500.00	1.97	55.60	55.60	6.1	1 FT WIDTH FROM TYP. SECTION
134	2 OF 31	20+27.00	20+73.00	SYLVIA DR	SYLVIA DR	LT/RT	14.00	2.00	8.00	4.00	1,142.40	1.97	127.00	127.00	13.9	MEASURED IN CADD
134	2 OF 31	20+03.01	20+39.01	RTE 231/TELEGRAPH	RTE 231	LT/RT	14.00	2.00	8.00	4.00	1,413.50	1.97	157.10	157.10	17.2	MEASURED IN CADD
135	3 OF 31	22+75.00	28+00.00	RTE 231/TELEGRAPH	RTE 231	LT	14.00	2.00	8.00	4.00	525.00	1.97	58.40	58.40	6.4	1 FT WIDTH FROM TYP. SECTION
135	3 OF 31	22+75.00	28+00.00	RTE 231/TELEGRAPH	RTE 231	RT	14.00	2.00	8.00	4.00	525.00	1.97	58.40	58.40	6.4	1 FT WIDTH FROM TYP. SECTION
135	3 OF 31	24+35.78	25+13.01	RTE 231/TELEGRAPH	RTE 231	LT	14.00	2.00	8.00	4.00	612.40	1.97	68.10	68.10	7.5	MEASURED IN CADD
135	3 OF 31	24+54.59	25+31.24	RTE 231/TELEGRAPH	RTE 231	RT	14.00	2.00	8.00	4.00	527.70	1.97	58.70	58.70	6.5	MEASURED IN CADD
135	3 OF 31	25+29.00	25+69.00	WILLETTE TERRACE	WILLETTE TERRACE	LT/RT	14.00	2.00	8.00	4.00	918.10	1.97	102.10	102.10	11.2	MEASURED IN CADD
135	3 OF 31	25+57.59	26+07.88	RTE 231/TELEGRAPH	RTE 231	LT	14.00	2.00	8.00	4.00	754.29	1.97	83.90	83.90	9.2	MEASURED IN CADD
135	3 OF 31	26+25.70	26+81.49	RTE 231/TELEGRAPH	RTE 231	RT	14.00	2.00	8.00	4.00	478.40	1.97	53.20	53.20	5.9	MEASURED IN CADD
136	4 OF 31	28+00.00	33+00.00	RTE 231/TELEGRAPH	RTE 231	LT	14.00	2.00	8.00	4.00	500.00	1.97	55.60	55.60	6.1	1 FT WIDTH FROM TYP. SECTION
136	4 OF 31	28+00.00	33+00.00	RTE 231/TELEGRAPH	RTE 231	RT	14.00	2.00	8.00	4.00	500.00	1.97	55.60	55.60	6.1	1 FT WIDTH FROM TYP. SECTION
136	4 OF 31	30+52.34	30+68.38	BRILLIANT LN	BRILLIANT LN	LT/RT	14.00	2.00	8.00	4.00	529.00	1.97	58.80	58.80	6.5	MEASURED IN CADD
136	4 OF 31	32+74.36	33+00.00	RTE 231/TELEGRAPH	RTE 231	LT	14.00	2.00	8.00	4.00	627.30	1.97	69.70	69.70	7.7	MEASURED IN CADD
136	4 OF 31	32+94.44	33+00.00	RTE 231/TELEGRAPH	RTE 231	RT	14.00	2.00	8.00	4.00	133.80	1.97	14.90	14.90	1.7	MEASURED IN CADD
137	5 OF 31	33+00.00	33+18.87	RTE 231/TELEGRAPH	RTE 231	LT	14.00	2.00	8.00	4.00	463.60	1.97	51.60	51.60	5.7	MEASURED IN CADD
137	5 OF 31	33+00.00	33+34.43	RTE 231/TELEGRAPH	RTE 231	RT	14.00	2.00	8.00	4.00	824.90	1.97	91.70	91.70	10.1	MEASURED IN CADD
137	5 OF 31	33+00.00	38+00.00	RTE 231/TELEGRAPH	RTE 231	LT	14.00	2.00	8.00	4.00	500.00	1.97	55.60	55.60	6.1	1 FT WIDTH FROM TYP. SECTION
137	5 OF 31	33+00.00	38+00.00	RTE 231/TELEGRAPH	RTE 231	RT	14.00	2.00	8.00	4.00	500.00	1.97	55.60	55.60	6.1	1 FT WIDTH FROM TYP. SECTION
137	5 OF 31	36+31.66	37+03.34	RTE 231/TELEGRAPH	RTE 231	LT	14.00	2.00	8.00	4.00	456.50	1.97	50.80	50.80	5.6	MEASURED IN CADD
137	5 OF 31	36+36.05	37+85.00	RTE 231/TELEGRAPH	RTE 231	RT	14.00	2.00	8.00	4.00	1,226.00	1.97	136.30	136.30	15.0	MEASURED IN CADD
137	5 OF 31	37+85.00	38+00.00	RTE 231/TELEGRAPH	RTE 231	RT	14.00	2.00	8.00	4.00	88.20	1.97	9.80	9.80	1.1	MEASURED IN CADD
138	6 OF 6	35+33.56	35+65.00	JEFFERSONIAN DR	JEFFERSONIAN DR	LT/RT	14.00	2.00	8.00	4.00	1,321.20	1.97	146.80	146.80	16.1	MEASURED IN CADD
138	6 OF 6	38+00.00	38+35.00	RTE 231/TELEGRAPH	RTE 231	RT	14.00	2.00	8.00	4.00	187.20	1.97	20.80	20.80	2.3	MEASURED IN CADD
138	6 OF 6	38+00.00	43+25.00	RTE 231/TELEGRAPH	RTE 231	LT	14.00	2.00	8.00	4.00	525.00	1.97	58.40	58.40	6.4	1 FT WIDTH FROM TYP. SECTION
138	6 OF 6	38+00.00	43+25.00	RTE 231/TELEGRAPH	RTE 231	RT	14.00	2.00	8.00	4.00	525.00	1.97	58.40	58.40	6.4	1 FT WIDTH FROM TYP. SECTION
138	6 OF 6	38+35.00	39+87.25	RTE 231/TELEGRAPH	RTE 231	RT	14.00	2.00	8.00	4.00	587.20	1.97	65.30	65.30	7.2	MEASURED IN CADD
138	6 OF 6	40+90.00	41+22.04	JEFFERSON BARRACKS RD	JEFFERSON BARRACKS RD	LT/RT	14.00	2.00	8.00	4.00	1,895.60	1.97	210.70	210.70	23.1	MEASURED IN CADD
138	6 OF 6	41+59.56	42+01.29	RTE 231/TELEGRAPH	RTE 231	LT	14.00	2.00	8.00	4.00	222.90	1.97	24.80	24.80	2.8	MEASURED IN CADD
138	6 OF 6	43+09.85	43+25.00	RTE 231/TELEGRAPH	RTE 231	LT	14.00	2.00	8.00	4.00	83.00	1.97	9.30	9.30	1.1	MEASURED IN CADD
139	7 OF 31	43+25.00	43+70.77	RTE 231/TELEGRAPH	RTE 231	LT	14.00	2.00	8.00	4.00	287.00	1.97	31.90	31.90	3.5	MEASURED IN CADD
139	7 OF 31	43+25.00	47+27.57	RTE 231/TELEGRAPH	RTE 231	LT	14.00	2.00	8.00	4.00	402.60	1.97	44.80	44.80	4.9	1 FT WIDTH FROM TYP. SECTION
												TABLE 1 SUBTOTAL	2,953.00	2,953.00	324.5	-

2 Revised

2 Revised

SUMMARY OF QUANTITIES
SHEET 31 OF 106

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 7/25/2025

ROUTE	STATE
231	MO
DISTRICT	SHEET NO.
SL	3

COUNTY ST. LOUIS

JOB NO. J6S3631

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
09/08/25	2 PAY ITEM NAME REVISED

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

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Professional Engineer 001632
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314.770.0467

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

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

FULL DEPTH PAVEMENT (CONT.)

SHEET NO.	DRAINAGE PLAN SHEET NO.	STATION FROM	STATION TO	ROADWAY	CENTER LINE	LOCATION	FULL DEPTH PAVEMENT DEPTH (IN.)	DEPTH OF ASPHALT OVERLAY (IN)	DEPTH OF CONCRETE (IN)	DEPTH OF AGGREGATE BASE (IN)	AREA OF FULL DEPTH PAVEMENT REMOVAL (SQFT)	~~ASPHALTIC CONCRETE CONVERSION FACTOR FOR PG76-22 (SP125CLP MIX)~~ CONVERSION FACTOR FOR MISC. {HIGH TENSILE STRENGTH SYNTHETIC FIBER ASPHALTIC PAVEMENT PG 76-22 (SP125CLP MIX)} (TONS/CY)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQYD)	CONCRETE PAVEMENT (8 IN. NON-REINF) (SQYD)	~~ASPHALTIC CONCRETE MIXTURE PG76-22 (SP125CLP MIX) WITH REINFORCING FIBERS~~ MISC. {HIGH TENSILE STRENGTH SYNTHETIC FIBER ASPHALTIC PAVEMENT PG 76-22 (SP125CLP MIX)} (TONS)	REMARKS
139	7 OF 31	43+25.00	48+35.00	RTE 231/TELEGRAPH	RTE 231	RT	14.00	2.00	8.00	4.00	510.00	1.97	56.70	56.70	6.3	1 FT WIDTH FROM TYP. SECTION
139	7 OF 31	45+05.33	45+15.33	RTE 231/TELEGRAPH	RTE 231	LT	14.00	2.00	8.00	4.00	53.90	1.97	6.00	6.00	0.7	MEASURED IN CADD
139	7 OF 31	45+50.90	45+70.94	BETTY JEAN LN	BETTY JEAN LN	LT/RT	14.00	2.00	8.00	4.00	880.30	1.97	97.90	97.90	10.8	MEASURED IN CADD
139	7 OF 31	46+16.60	46+81.30	RTE 231/TELEGRAPH	RTE 231	LT	14.00	2.00	8.00	4.00	382.00	1.97	42.50	42.50	4.7	MEASURED IN CADD
139	7 OF 31	46+66.42	46+92.59	RTE 231/TELEGRAPH	RTE 231	CENTER	14.00	2.00	8.00	4.00	184.60	1.97	20.60	20.60	2.3	MEASURED IN CADD
139	7 OF 31	47+17.82	48+35.00	RTE 231/TELEGRAPH	RTE 231	CENTER	14.00	2.00	8.00	4.00	2,077.30	1.97	230.90	230.90	25.3	MEASURED IN CADD
139	7 OF 31	48+13.23	48+35.00	RTE 231/TELEGRAPH	RTE 231	LT	14.00	2.00	8.00	4.00	139.60	1.97	15.60	15.60	1.7	MEASURED IN CADD
139	7 OF 31	48+22.99	48+35.00	RTE 231/TELEGRAPH	RTE 231	RT	14.00	2.00	8.00	4.00	23.80	1.97	2.70	2.70	0.3	MEASURED IN CADD
139	7 OF 31	50+48.74	50+94.37	TELEGRAPH RD	TELEGRAPH RD	LT/RT	14.00	2.00	8.00	4.00	2,944.70	1.97	327.20	327.20	35.9	MEASURED IN CADD
139	7 OF 31	55+50.90	55+73.95	LAREDO AVE	LAREDO AVE	LT/RT	14.00	2.00	8.00	4.00	844.10	1.97	93.80	93.80	10.3	MEASURED IN CADD
140	8 OF 31	48+35.00	48+55.00	RTE 231/KINGSTON	RTE 231	LT	14.00	2.00	8.00	4.00	79.30	1.97	8.90	8.90	1.0	MEASURED IN CADD
140	8 OF 31	48+35.00	48+42.23	RTE 231/KINGSTON	RTE 231	CENTER	14.00	2.00	8.00	4.00	100.70	1.97	11.20	11.20	1.3	MEASURED IN CADD
140	8 OF 31	48+35.00	48+55.00	RTE 231/KINGSTON	RTE 231	RT	14.00	2.00	8.00	4.00	29.60	1.97	3.30	3.30	0.4	MEASURED IN CADD
140	8 OF 31	48+35.00	53+50.00	RTE 231/KINGSTON	RTE 231	RT	14.00	2.00	8.00	4.00	515.00	1.97	57.30	57.30	6.3	1 FT WIDTH FROM TYP. SECTION
140	8 OF 31	48+55.00	48+69.27	RTE 231/KINGSTON	RTE 231	RT	14.00	2.00	8.00	4.00	7.90	1.97	0.90	0.90	0.1	MEASURED IN CADD
140	8 OF 31	48+55.00	52+48.89	RTE 231/KINGSTON	RTE 231	LT	14.00	2.00	8.00	4.00	1,052.00	1.97	116.90	116.90	12.8	MEASURED IN CADD
140	8 OF 31	51+21.99	52+44.22	RTE 231/KINGSTON	RTE 231	RT	14.00	2.00	8.00	4.00	741.50	1.97	82.40	82.40	9.1	MEASURED IN CADD
140	8 OF 31	60+67.70	60+88.89	SIGSBEE AVE	SIGSBEE AVE	LT/RT	14.00	2.00	8.00	4.00	607.40	1.97	67.50	67.50	7.4	MEASURED IN CADD
140	8 OF 31	61+53.39	61+74.33	SIGSBEE AVE	SIGSBEE AVE	LT/RT	14.00	2.00	8.00	4.00	565.70	1.97	62.90	62.90	6.9	MEASURED IN CADD
140	8 OF 31	65+30.04	65+58.32	ATLAS DR	ATLAS DR	LT/RT	14.00	2.00	8.00	4.00	873.00	1.97	97.00	97.00	10.7	MEASURED IN CADD
141	9 OF 31	53+50.00	58+50.00	RTE 231/KINGSTON	RTE 231	RT	14.00	2.00	8.00	4.00	500.00	1.97	55.60	55.60	6.1	1 FT WIDTH FROM TYP. SECTION
141	9 OF 31	55+33.37	55+90.46	RTE 231/KINGSTON	RTE 231	RT	14.00	2.00	8.00	4.00	408.70	1.97	45.50	45.50	5.0	MEASURED IN CADD
141	9 OF 31	70+49.93	70+70.87	SHETLAND DR	SHETLAND DR	LT/RT	14.00	2.00	8.00	4.00	703.90	1.97	78.30	78.30	8.6	MEASURED IN CADD
141	9 OF 31	75+29.74	75+65.00	GENEVA DR	GENEVA DR	LT/RT	14.00	2.00	8.00	4.00	1,056.00	1.97	117.40	117.40	12.9	MEASURED IN CADD
142	10 OF 31	58+50.00	63+50.00	RTE 231/KINGSTON	RTE 231	RT	14.00	2.00	8.00	4.00	500.00	1.97	55.60	55.60	6.1	1 FT WIDTH FROM TYP. SECTION
142	10 OF 31	80+51.77	80+71.54	TERREL DR	TERREL DR	LT/RT	14.00	2.00	8.00	4.00	655.30	1.97	72.90	72.90	8.0	MEASURED IN CADD
143	11 OF 31	63+50.00	68+75.00	RTE 231/KINGSTON	RTE 231	RT	14.00	2.00	8.00	4.00	525.00	1.97	58.40	58.40	6.4	1 FT WIDTH FROM TYP. SECTION
143	11 OF 31	85+29.36	85+51.15	TACOMA DR	TACOMA DR	LT/RT	14.00	2.00	8.00	4.00	798.30	1.97	88.70	88.70	9.8	MEASURED IN CADD
143	11 OF 31	90+28.27	90+50.88	SOUTHWARK LN	SOUTHWARK LN	LT/RT	14.00	2.00	8.00	4.00	756.20	1.97	84.10	84.10	9.2	MEASURED IN CADD
144	12 OF 31	68+75.00	73+75.00	RTE 231/KINGSTON	RTE 231	RT	14.00	2.00	8.00	4.00	500.00	1.97	55.60	55.60	6.1	1 FT WIDTH FROM TYP. SECTION
144	12 OF 31	71+05.69	71+44.69	RTE 231/KINGSTON	RTE 231	CENTER	14.00	2.00	8.00	4.00	1,213.80	1.97	134.90	134.90	14.8	MEASURED IN CADD
144	12 OF 31	95+28.28	95+42.50	EARLSFIELD LN	EARLSFIELD LN	LT/RT	14.00	2.00	8.00	4.00	530.90	1.97	59.00	59.00	6.5	MEASURED IN CADD
144	12 OF 31	100+29.14	100+49.05	SOUTHAMPTON DR	SOUTHAMPTON DR	LT/RT	14.00	2.00	8.00	4.00	643.10	1.97	71.50	71.50	7.9	MEASURED IN CADD
145	13 OF 31	73+75.00	78+75.00	RTE 231/KINGSTON	RTE 231	RT	14.00	2.00	8.00	4.00	500.00	1.97	55.60	55.60	6.1	1 FT WIDTH FROM TYP. SECTION
145	13 OF 31	105+28.88	105+43.77	WOOLWICH LN	WOOLWICH LN	LT/RT	14.00	2.00	8.00	4.00	590.00	1.97	65.60	65.60	7.2	MEASURED IN CADD
145	13 OF 31	110+28.85	110+51.58	PENTONVILLE DR	PENTONVILLE DR	LT/RT	14.00	2.00	8.00	4.00	778.80	1.97	86.60	86.60	9.5	MEASURED IN CADD
146	14 OF 31	78+75.00	84+00.00	RTE 231/KINGSTON	RTE 231	RT	14.00	2.00	8.00	4.00	525.00	1.97	58.40	58.40	6.4	1 FT WIDTH FROM TYP. SECTION
146	14 OF 31	83+63.66	84+00.00	RTE 231/KINGSTON	RTE 231	LT	14.00	2.00	8.00	4.00	36.40	1.97	4.10	4.10	0.5	1 FT WIDTH FROM TYP. SECTION
146	14 OF 31	115+29.05	115+57.38	WALWORTH DR	WALWORTH DR	LT/RT	14.00	2.00	8.00	4.00	876.30	1.97	97.40	97.40	10.7	MEASURED IN CADD
												TABLE 2 SUBTOTAL	2,747.40	2,747.40	302.1	-

SUMMARY OF QUANTITIES
SHEET 32 OF 106

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 7/25/2025

ROUTE 231 | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. J6S3631
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION
09/08/25	2 PAY ITEM NAME REVISED

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

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314.770.0467

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

FULL DEPTH PAVEMENT (CONT.)

SHEET NO.	DRAINAGE PLAN SHEET NO.	STATION FROM	STATION TO	ROADWAY	CENTER LINE	LOCATION	FULL DEPTH PAVEMENT DEPTH (IN.)	DEPTH OF ASPHALT OVERLAY (IN)	DEPTH OF CONCRETE (IN)	DEPTH OF AGGREGATE BASE (IN)	AREA OF FULL DEPTH PAVEMENT REMOVAL (SQFT)	~~ASPHALTIC CONCRETE CONVERSION FACTOR FOR PG76-22 (SP125CLP MIX)~~ CONVERSION FACTOR FOR MISC. {HIGH TENSILE STRENGTH SYNTHETIC FIBER ASPHALTIC PAVEMENT PG 76-22 (SP125CLP MIX)} (TONS/CY)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQYD)	CONCRETE PAVEMENT (8 IN. NON-REINF) (SQYD)	~~ASPHALTIC CONCRETE MIXTURE PG76-22 (SP125CLP MIX) WITH REINFORCING FIBERS~~ MISC. {HIGH TENSILE STRENGTH SYNTHETIC FIBER ASPHALTIC PAVEMENT PG 76-22 (SP125CLP MIX)} (TONS)	REMARKS
146	14 OF 31	120+30.00	120+48.95	LAMBETH LN	LAMBETH LN	LT/RT	14.00	2.00	8.00	4.00	615.10	1.97	68.40	68.40	7.5	MEASURED IN CADD
147	15 OF 31	84+00.00	89+25.00	RTE 231/KINGSTON	RTE 231	RT	14.00	2.00	8.00	4.00	525.00	1.97	58.40	58.40	6.4	1 FT WIDTH FROM TYP. SECTIONS
147	15 OF 31	84+00.00	88+40.38	RTE 231/KINGSTON	RTE 231	LT	14.00	2.00	8.00	4.00	440.40	1.97	49.00	49.00	5.4	1 FT WIDTH FROM TYP. SECTIONS
147	15 OF 31	125+30.01	125+46.76	CARRINGTON LN	CARRINGTON LN	LT/RT	14.00	2.00	8.00	4.00	478.60	1.97	53.20	53.20	5.9	MEASURED IN CADD
148	16 OF 31	89+25.00	94+25.00	RTE 231/KINGSTON	RTE 231	RT	14.00	2.00	8.00	4.00	500.00	1.97	55.60	55.60	6.1	1 FT WIDTH FROM TYP. SECTIONS
148	16 OF 31	89+36.79	89+77.79	RTE 231/KINGSTON	RTE 231	LT/RT	14.00	2.00	8.00	4.00	1,435.40	1.97	159.50	159.50	17.5	MEASURED IN CADD
148	16 OF 31	91+65.28	91+93.22	RTE 231/KINGSTON	RTE 231	LT	14.00	2.00	8.00	4.00	9,165.28	1.97	1,018.40	1,018.40	111.5	MEASURED IN CADD
148	16 OF 31	130+28.82	130+43.00	CLYDE AVE	CLYDE AVE	LT/RT	14.00	2.00	8.00	4.00	367.90	1.97	40.90	40.90	4.5	MEASURED IN CADD
149	17 OF 31	94+25.00	99+25.00	RTE 231/KINGSTON	RTE 231	RT	14.00	2.00	8.00	4.00	500.00	1.97	55.60	55.60	6.1	1 FT WIDTH FROM TYP. SECTIONS
149	17 OF 31	98+65.51	99+25.00	RTE 231/KINGSTON	RTE 231	RT	14.00	2.00	8.00	4.00	238.00	1.97	26.50	26.50	2.9	MEASURED IN CADD
150	18 OF 31	99+25.00	104+50.00	RTE 231/BROADWAY	RTE 231	RT	14.00	2.00	8.00	4.00	525.00	1.97	58.40	58.40	6.4	1 FT WIDTH FROM TYP. SECTIONS
150	18 OF 31	99+25.00	100+15.14	RTE 231/KINGSTON	RTE 231	RT	14.00	2.00	8.00	4.00	335.80	1.97	37.40	37.40	4.1	MEASURED IN CADD
150	18 OF 31	99+56.74	101+43.49	RTE 231/KINGSTON	RTE 231	LT	14.00	2.00	8.00	4.00	250.40	1.97	27.90	27.90	3.1	MEASURED IN CADD
150	18 OF 31	135+41.45	135+91.72	S BROADWAY ST	S BROADWAY ST	LT/RT	14.00	2.00	8.00	4.00	3,059.10	1.97	339.90	339.90	37.3	MEASURED IN CADD
151	19 OF 31	104+50.00	109+50.00	RTE 231/BROADWAY	RTE 231	RT	14.00	2.00	8.00	4.00	500.00	1.97	55.60	55.60	6.1	1 FT WIDTH FROM TYP. SECTIONS
151	19 OF 31	108+12.64	109+50.00	RTE 231/BROADWAY	RTE 231	LT	14.00	2.00	8.00	4.00	137.40	1.97	15.30	15.30	1.7	1 FT WIDTH FROM TYP. SECTIONS
151	19 OF 31	140+48.98	140+79.07	RIPA AVE	RIPA AVE	LT/RT	14.00	2.00	8.00	4.00	1,070.30	1.97	119.00	119.00	13.1	MEASURED IN CADD
151	19 OF 31	141+17.52	141+47.00	RIPA AVE	RIPA AVE	LT/RT	14.00	2.00	8.00	4.00	760.30	1.97	84.50	84.50	9.3	MEASURED IN CADD
152	20 OF 31	109+50.00	114+50.00	RTE 231/BROADWAY	RTE 231	RT	14.00	2.00	8.00	4.00	500.00	1.97	55.60	55.60	6.1	1 FT WIDTH FROM TYP. SECTIONS
152	20 OF 31	109+50.00	114+50.00	RTE 231/BROADWAY	RTE 231	LT	14.00	2.00	8.00	4.00	500.00	1.97	55.60	55.60	6.1	1 FT WIDTH FROM TYP. SECTIONS
152	20 OF 31	145+79.41	145+62.07	VIEHL AVE	VIEHL AVE	LT/RT	14.00	2.00	8.00	4.00	472.20	1.97	52.50	52.50	5.8	MEASURED IN CADD
153	21 OF 31	114+50.00	119+92.00	RTE 231/BROADWAY	RTE 231	RT	14.00	2.00	8.00	4.00	542.00	1.97	60.30	60.30	6.6	1 FT WIDTH FROM TYP. SECTIONS
153	21 OF 31	114+50.00	119+92.00	RTE 231/BROADWAY	RTE 231	LT	14.00	2.00	8.00	4.00	542.00	1.97	60.30	60.30	6.6	1 FT WIDTH FROM TYP. SECTIONS
153	21 OF 31	116+62.53	117+18.69	RTE 231/BROADWAY	RTE 231	LT/RT	14.00	2.00	8.00	4.00	1,158.00	1.97	128.70	128.70	14.1	MEASURED IN CADD
153	21 OF 31	150+20.86	150+50.00	E ARLEE AVE	E ARLEE AVE	LT/RT	14.00	2.00	8.00	4.00	592.20	1.97	65.80	65.80	7.3	MEASURED IN CADD
153	21 OF 31	155+64.50	155+79.17	W ARLEE AVE	W ARLEE AVE	LT/RT	14.00	2.00	8.00	4.00	386.30	1.97	43.00	43.00	4.7	MEASURED IN CADD
153	21 OF 31	160+20.57	160+40.66	E FELTON AVE	E FELTON AVE	LT/RT	14.00	2.00	8.00	4.00	647.90	1.97	72.00	72.00	7.9	MEASURED IN CADD
153	21 OF 31	165+54.00	165+79.68	W FELTON AVE	W FELTON AVE	LT/RT	14.00	2.00	8.00	4.00	642.60	1.97	71.40	71.40	7.9	MEASURED IN CADD
154	22 OF 31	119+92.00	125+00.00	RTE 231/BROADWAY	RTE 231	RT	14.00	2.00	8.00	4.00	508.00	1.97	56.50	56.50	6.2	1 FT WIDTH FROM TYP. SECTIONS
154	22 OF 31	119+92.00	125+00.00	RTE 231/BROADWAY	RTE 231	LT	14.00	2.00	8.00	4.00	508.00	1.97	56.50	56.50	6.2	1 FT WIDTH FROM TYP. SECTIONS
154	22 OF 31	122+08.40	122+47.82	RTE 231/BROADWAY	RTE 231	RT	14.00	2.00	8.00	4.00	331.90	1.97	36.90	36.90	4.1	MEASURED IN CADD
154	22 OF 31	122+21.40	123+03.23	RTE 231/BROADWAY	RTE 231	RT	14.00	2.00	8.00	4.00	1,012.50	1.97	112.50	112.50	12.4	MEASURED IN CADD
154	22 OF 31	170+20.89	170+40.96	E LORETTA AVE	E LORETTA AVE	LT/RT	14.00	2.00	8.00	4.00	509.90	1.97	56.70	56.70	6.3	MEASURED IN CADD
154	22 OF 31	175+50.00	175+87.85	W LORETTA AVE	W LORETTA AVE	LT/RT	14.00	2.00	8.00	4.00	1,386.70	1.97	154.10	154.10	16.9	MEASURED IN CADD
154	22 OF 31	180+20.60	180+36.22	E HOLDEN AVE	E HOLDEN AVE	LT/RT	14.00	2.00	8.00	4.00	425.80	1.97	47.40	47.40	5.2	MEASURED IN CADD
155	23 OF 31	125+00.00	130+00.00	RTE 231/BROADWAY	RTE 231	RT	14.00	2.00	8.00	4.00	500.00	1.97	55.60	55.60	6.1	1 FT WIDTH FROM TYP. SECTIONS
155	23 OF 31	125+00.00	130+00.00	RTE 231/BROADWAY	RTE 231	LT	14.00	2.00	8.00	4.00	500.00	1.97	55.60	55.60	6.1	1 FT WIDTH FROM TYP. SECTIONS
155	23 OF 31	125+63.05	125+94.58	RTE 231/BROADWAY	RTE 231	LT/RT	14.00	2.00	8.00	4.00	875.90	1.97	97.40	97.40	10.7	MEASURED IN CADD
155	23 OF 31	185+52.00	185+79.27	W HOLDEN AVE	W HOLDEN AVE	LT/RT	14.00	2.00	8.00	4.00	699.90	1.97	77.80	77.80	8.6	MEASURED IN CADD
												TABLE 3 SUBTOTAL	3,795.70	3,795.70	416.8	-

SUMMARY OF QUANTITIES
SHEET 33 OF 106

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 7/25/2025

ROUTE	STATE
231	MO
DISTRICT	SHEET NO.
SL	3

COUNTY ST. LOUIS

JOB NO. J6S3631

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
09/08/25	2 PAY ITEM NAME REVISED

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

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314.770.0467

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

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

FULL DEPTH PAVEMENT (CONT.)

SHEET NO.	DRAINAGE PLAN SHEET NO.	STATION FROM	STATION TO	ROADWAY	CENTER LINE	LOCATION	FULL DEPTH PAVEMENT DEPTH (IN.)	DEPTH OF ASPHALT OVERLAY (IN)	DEPTH OF CONCRETE (IN)	DEPTH OF AGGREGATE BASE (IN)	AREA OF FULL DEPTH PAVEMENT REMOVAL (SQFT)	~~ASPHALTIC CONCRETE CONVERSION FACTOR FOR PG76-22 (SP125CLP MIX)~~ CONVERSION FACTOR FOR MISC. {HIGH TENSILE STRENGTH SYNTHETIC FIBER ASPHALTIC PAVEMENT PG 76-22 (SP125CLP MIX)} (TONS/CY)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQYD)	CONCRETE PAVEMENT (8 IN. NON-REINF) (SQYD)	~~ASPHALTIC CONCRETE MIXTURE PG76-22 (SP125CLP MIX) WITH REINFORCING FIBERS~~ MISC. {HIGH TENSILE STRENGTH SYNTHETIC FIBER ASPHALTIC PAVEMENT PG 76-22 (SP125CLP MIX)} (TONS)	REMARKS
155	23 OF 31	190+20.60	190+36.91	E VELMA AVE	E VELMA AVE	LT/RT	14.00	2.00	8.00	4.00	363.80	1.94	40.50	40.50	4.4	MEASURED IN CADD
155	23 OF 31	195+57.36	195+79.47	W VELMA AVE	W VELMA AVE	LT/RT	14.00	2.00	8.00	4.00	489.50	1.94	54.40	54.40	5.9	MEASURED IN CADD
156	24 OF 31	130+00.00	135+00.00	RTE 231/BROADWAY	RTE 231	RT	14.00	2.00	8.00	4.00	500.00	1.94	55.60	55.60	6.0	1 FT WIDTH FROM TYP. SECTIONS
156	24 OF 31	130+00.00	135+00.00	RTE 231/BROADWAY	RTE 231	LT	14.00	2.00	8.00	4.00	500.00	1.94	55.60	55.60	6.0	1 FT WIDTH FROM TYP. SECTIONS
156	24 OF 31	130+74.86	131+10.82	RTE 231/BROADWAY	RTE 231	LT/RT	14.00	2.00	8.00	4.00	956.00	1.94	106.30	106.30	11.5	MEASURED IN CADD
156	24 OF 31	200+20.79	200+47.25	E ETTA AVE	E ETTA AVE	LT/RT	14.00	2.00	8.00	4.00	698.80	1.94	77.70	77.70	8.4	MEASURED IN CADD
156	24 OF 31	205+45.81	205+79.49	W ETTA AVE	W ETTA AVE	LT/RT	14.00	2.00	8.00	4.00	805.40	1.94	89.50	89.50	9.7	MEASURED IN CADD
156	24 OF 31	210+20.79	210+42.92	E CARTWRIGHT AVE	E CARTWRIGHT AVE	LT/RT	14.00	2.00	8.00	4.00	635.00	1.94	70.60	70.60	7.7	MEASURED IN CADD
156	24 OF 31	215+45.68	215+80.33	W CARTWRIGHT AVE	W CARTWRIGHT AVE	LT/RT	14.00	2.00	8.00	4.00	864.90	1.94	96.10	96.10	10.4	MEASURED IN CADD
157	25 OF 31	135+00.00	139+85.00	RTE 231/BROADWAY	RTE 231	RT	14.00	2.00	8.00	4.00	485.00	1.94	53.90	53.90	5.9	1 FT WIDTH FROM TYP. SECTIONS
157	25 OF 31	135+00.00	139+85.00	RTE 231/BROADWAY	RTE 231	LT	14.00	2.00	8.00	4.00	485.00	1.94	53.90	53.90	5.9	1 FT WIDTH FROM TYP. SECTIONS
157	25 OF 31	137+47.74	139+22.88	RTE 231/BROADWAY	RTE 231	LT	14.00	2.00	8.00	4.00	975.20	1.94	108.40	108.40	11.7	AROUND NEW GUARDRAILS
157	25 OF 31	220+22.00	220+41.98	MANN ST	MANN ST	LT/RT	14.00	2.00	8.00	4.00	654.20	1.94	72.70	72.70	7.9	MEASURED IN CADD
157	25 OF 31	225+55.53	225+79.23	VINCENT AVE	VINCENT AVE	LT/RT	14.00	2.00	8.00	4.00	628.00	1.94	69.80	69.80	7.6	MEASURED IN CADD
158	26 OF 31	139+85.00	143+27.91	RTE 231/BROADWAY	RTE 231	RT	14.00	2.00	8.00	4.00	343.00	1.94	38.20	38.20	4.2	1 FT WIDTH FROM TYP. SECTIONS
158	26 OF 31	139+85.00	145+25.00	RTE 231/BROADWAY	RTE 231	LT	14.00	2.00	8.00	4.00	540.00	1.94	60.00	60.00	6.5	1 FT WIDTH FROM TYP. SECTIONS
158	26 OF 31	230+28.00	230+65.13	E GOETZ AVE	E GOETZ AVE	LT/RT	14.00	2.00	8.00	4.00	925.90	1.94	102.90	102.90	11.1	MEASURED IN CADD
158	26 OF 31	235+20.87	235+48.00	MILITARY RD	MILITARY RD	LT/RT	14.00	2.00	8.00	4.00	738.00	1.94	82.00	82.00	8.9	MEASURED IN CADD
158	26 OF 31	240+82.55	241+12.52	HOFFMEISTER AVE	HOFFMEISTER AVE	LT/RT	14.00	2.00	8.00	4.00	2087.00	1.94	231.90	231.90	25.0	MEASURED IN CADD
158	26 OF 31	241+70.92	241+91.34	HOFFMEISTER AVE	HOFFMEISTER AVE	LT/RT	14.00	2.00	8.00	4.00	961.10	1.94	106.80	106.80	11.6	MEASURED IN CADD
159	27 OF 31	145+25.00	150+25.00	RTE 231/BROADWAY	RTE 231	LT	14.00	2.00	8.00	4.00	500.00	1.94	55.60	55.60	6.0	1 FT WIDTH FROM TYP. SECTIONS
160	28 OF 31	150+25.00	155+20.00	RTE 231/BROADWAY	RTE 231	LT	14.00	2.00	8.00	4.00	495.00	1.94	55.00	55.00	6.0	1 FT WIDTH FROM TYP. SECTIONS
160	28 OF 31	245+21.71	245+79.01	WEISS AVE	WEISS AVE	LT/RT	14.00	2.00	8.00	4.00	2123.60	1.94	236.00	236.00	25.5	MEASURED IN CADD
161	29 OF 31	155+20.00	160+60.00	RTE 231/BROADWAY	RTE 231	LT	14.00	2.00	8.00	4.00	540.00	1.94	60.00	60.00	6.5	1 FT WIDTH FROM TYP. SECTIONS
161	29 OF 31	250+21.98	250+56.50	HORN AVE	HORN AVE	LT/RT	14.00	2.00	8.00	4.00	1182.90	1.94	131.50	131.50	14.2	MEASURED IN CADD
162	30 OF 31	160+60.00	165+50.00	RTE 231/BROADWAY	RTE 231	LT	14.00	2.00	8.00	4.00	490.00	1.94	54.50	54.50	5.9	1 FT WIDTH FROM TYP. SECTIONS
162	30 OF 31	255+21.06	255+41.21	WALLER AVE	WALLER AVE	LT/RT	14.00	2.00	8.00	4.00	398.80	1.94	44.40	44.40	4.8	MEASURED IN CADD
162	30 OF 31	260+23.16	260+43.24	KAYSER AVE	KAYSER AVE	LT/RT	14.00	2.00	8.00	4.00	784.40	1.94	87.20	87.20	9.4	MEASURED IN CADD
163	31 OF 31	165+50.00	168+15.00	RTE 231/BROADWAY	RTE 231	LT	14.00	2.00	8.00	4.00	265.00	1.94	29.50	29.50	3.2	1 FT WIDTH FROM TYP. SECTIONS
												TABLE 4 SUBTOTAL	2,380.50	2,380.50	257.8	-
												TABLE 1 SUBTOTAL	2,953.00	2,953.00	324.5	
												TABLE 2 SUBTOTAL	2,747.40	2,747.40	302.1	
												TABLE 3 SUBTOTAL	3,795.70	3,795.70	416.8	
												TABLE 4 SUBTOTAL	2,380.50	2,380.50	257.8	
												QUANTITY FROM DRIVEWAY SUMMARY OF QUANTITIES (SHEET 52 OF 106)	8,568.10	-	-	
												QUANTITY FROM SIDEWALK AND ADA RAMPS SUMMARY OF QUANTITIES (SHEET 68 OF 106)	15,789.00	-	-	
												TOTAL	36,233.70	11,876.60	1301.2	
												PAY TOTAL	36,234.00	11,876.60	(SEE SHEET 35 OF 106)	

Revised

Revised

SUMMARY OF QUANTITIES
SHEET 34 OF 106

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 7/25/2025

ROUTE	STATE
231	MO
DISTRICT	SHEET NO.
SL	3

COUNTY ST. LOUIS

JOB NO. J6S3631

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
09/08/25	2 PAY ITEM NAME REVISED

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

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

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Professional Engineer 001632
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314.770.0467

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

COLDMILLING AND ASPHALTIC CONCRETE OVERLAY

SHEET NO.	DRAINAGE PLAN SHEET NO.	STATION FROM	STATION TO	ROADWAY	CENTER LINE	LOCATION	COLD MILLING DEPTH (IN.)	AREA OF COLD MILLING (SQFT)	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS) (SQYD)	~~ASPHALTIC CONCRETE MIXTURE PG 76-22 (SP125CLP MIX) WITH REINFORCING FIBERS~~ MISC. {HIGH TENSILE STRENGTH SYNTHETIC FIBER ASPHALTIC PAVEMENT PG 76-22 (SP125CLP MIX)} (TONS)	MISC. {TACK COAT - LOW-TRACKING OR NON-TRACKING} (GAL)	REMARKS
133	1 OF 31	13+72.50	17+75.00	RTE 231/TELEGRAPH	RTE 231	LT & RT	2.00	27,402.00	3,045.00	333.30	152.30	MEASURED IN CADD
134	2 OF 31	17+75.00	22+75.00	RTE 231/TELEGRAPH	RTE 231	LT & RT	2.00	33,668.50	3,741.00	409.50	187.10	MEASURED IN CADD
135	3 OF 31	22+75.00	28+00.00	RTE 231/TELEGRAPH	RTE 231	LT & RT	2.00	34,951.20	3,884.00	425.10	194.20	MEASURED IN CADD
136	4 OF 31	28+00.00	33+00.00	RTE 231/TELEGRAPH	RTE 231	LT & RT	2.00	32,329.60	3,593.00	393.30	179.70	MEASURED IN CADD
137	5 OF 31	33+00.00	38+00.00	RTE 231/TELEGRAPH	RTE 231	LT & RT	2.00	32,000.10	3,556.00	389.20	177.80	MEASURED IN CADD
138	6 OF 31	38+00.00	43+25.00	RTE 231/TELEGRAPH	RTE 231	LT & RT	2.00	38,795.30	4,311.00	471.90	215.60	MEASURED IN CADD
139	7 OF 31	43+25.00	48+35.00	RTE 231/TELEGRAPH	RTE 231	LT & RT	2.00	41,496.20	4,611.00	504.70	230.60	MEASURED IN CADD
140	8 OF 31	51+66.08	52+88.31	TELEGRAPH RD	TELEGRAPH RD	LT & RT	2.00	4,806.90	535.00	58.60	26.80	MEASURED IN CADD
140	8 OF 31	48+35.00	53+50.00	RTE 231/KINGSTON	RTE 231	LT & RT	2.00	35,865.60	3,986.00	436.30	199.30	MEASURED IN CADD
141	9 OF 31	53+50.00	58+50.00	RTE 231/KINGSTON	RTE 231	LT & RT	2.00	30,552.80	3,395.00	371.60	169.80	MEASURED IN CADD
142	10 OF 31	58+50.00	63+50.00	RTE 231/KINGSTON	RTE 231	LT & RT	2.00	30,871.20	3,431.00	375.60	171.60	MEASURED IN CADD
143	11 OF 31	63+50.00	68+75.00	RTE 231/KINGSTON	RTE 231	LT & RT	2.00	31,852.90	3,540.00	387.50	177.00	MEASURED IN CADD
144	12 OF 31	68+75.00	73+75.00	RTE 231/KINGSTON	RTE 231	LT & RT	2.00	27,493.30	3,055.00	334.40	152.80	MEASURED IN CADD
145	13 OF 31	73+75.00	78+75.00	RTE 231/KINGSTON	RTE 231	LT & RT	2.00	28,267.00	3,141.00	343.80	157.10	MEASURED IN CADD
146	14 OF 31	78+75.00	84+00.00	RTE 231/KINGSTON	RTE 231	LT & RT	2.00	32,708.90	3,635.00	397.90	181.80	MEASURED IN CADD
147	15 OF 31	84+00.00	89+25.00	RTE 231/KINGSTON	RTE 231	LT & RT	2.00	33,111.70	3,680.00	402.80	184.00	MEASURED IN CADD
148	16 OF 31	89+25.00	94+25.00	RTE 231/KINGSTON	RTE 231	LT & RT	2.00	30,705.40	3,412.00	373.50	170.60	MEASURED IN CADD
149	17 OF 31	94+25.00	99+25.00	RTE 231/KINGSTON	RTE 231	LT & RT	2.00	30,567.30	3,397.00	371.80	169.90	MEASURED IN CADD
150	18 OF 31	99+25.00	104+50.00	RTE 231/BROADWAY	RTE 231	LT & RT	2.00	32,690.50	3,633.00	397.70	181.70	MEASURED IN CADD
151	19 OF 31	104+50.00	109+50.00	RTE 231/BROADWAY	RTE 231	LT & RT	2.00	23,321.80	2,592.00	283.70	129.60	MEASURED IN CADD
152	20 OF 31	109+50.00	114+50.00	RTE 231/BROADWAY	RTE 231	LT & RT	2.00	21,873.10	2,431.00	266.10	121.60	MEASURED IN CADD
153	21 OF 31	114+50.00	119+92.00	RTE 231/BROADWAY	RTE 231	LT & RT	2.00	26,402.60	2,934.00	321.20	146.70	MEASURED IN CADD
154	22 OF 31	119+92.00	125+00.00	RTE 231/BROADWAY	RTE 231	LT & RT	2.00	23,591.80	2,622.00	287.00	131.10	MEASURED IN CADD
155	23 OF 31	125+00.00	130+00.00	RTE 231/BROADWAY	RTE 231	LT & RT	2.00	23,403.40	2,601.00	284.70	130.10	MEASURED IN CADD
156	24 OF 31	130+00.00	135+00.00	RTE 231/BROADWAY	RTE 231	LT & RT	2.00	25,720.10	2,858.00	312.80	142.90	MEASURED IN CADD
157	25 OF 31	135+00.00	139+85.00	RTE 231/BROADWAY	RTE 231	LT & RT	2.00	23,542.60	2,616.00	286.40	130.80	MEASURED IN CADD
157	25 OF 31	137+47.74	139+22.88	RTE 231/BROADWAY	RTE 231	LT	2.00	975.20	109.00	12.00	5.50	MEASURED IN CADD
158	26 OF 31	139+85.00	145+25.00	RTE 231/BROADWAY	RTE 231	LT & RT	2.00	37,937.60	4,216.00	461.50	210.80	MEASURED IN CADD
159	27 OF 31	145+25.00	150+25.00	RTE 231/BROADWAY	RTE 231	LT & RT	2.00	25,246.20	2,806.00	307.20	140.30	MEASURED IN CADD
160	28 OF 31	150+25.00	155+20.00	RTE 231/BROADWAY	RTE 231	LT & RT	2.00	23,861.50	2,652.00	290.30	132.60	MEASURED IN CADD
161	29 OF 31	155+20.00	160+60.00	RTE 231/BROADWAY	RTE 231	LT & RT	2.00	24,564.90	2,730.00	298.80	136.50	MEASURED IN CADD
162	30 OF 31	160+60.00	165+50.00	RTE 231/BROADWAY	RTE 231	LT & RT	2.00	22,639.30	2,516.00	275.40	125.80	MEASURED IN CADD
163	31 OF 31	165+50.00	168+15.00	RTE 231/BROADWAY	RTE 231	LT & RT	2.00	16,956.06	1,884.10	206.30	94.30	MEASURED IN CADD
163	31 OF 31			RIVER CITY CASINO BLVD.	RTE 231	LT & RT	2.00	4,599.64	511.10	56.00	25.60	QUANTITY TO BE PLACED AS PER DIRECTION OF THE ENGINEER
								TABLE 1 TOTAL	101,659.20	11,127.90	5083.90	
								QUANTITY FROM FULL DEPTH PAVEMENT SUMMARY OF QUANTITIES (SHEET 34 OF 106)	-	1289.50	-	
								QUANTITY FROM DRIVEWAY SUMMARY OF QUANTITIES (SHEET 52 OF 106)	-	~~504.60~~ 506.2	-	
								TOTAL	101,659.20	~~12922.00~~ 12,923.60	5,083.90	
								PAY TOTAL	**101,660**	**~~12,922~~ 12,924**	**5,084.00**	

2 Revised

2 Revised

SUMMARY OF QUANTITIES
SHEET 35 OF 106

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

STATE OF MISSOURI — DENNIS J KOSCIELSKI — NUMBER PE-2005000712 — PROFESSIONAL ENGINEER

DATE PREPARED: 7/25/2025
ROUTE: 231 | STATE: MO
DISTRICT: SL | SHEET NO.: 3
COUNTY: ST. LOUIS
JOB NO.: J6S3631
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION
09/08/25	2 PAY TOTAL & PAY TOTAL NAME REVISED

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

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

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314.770.0467

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

CURB (CONT.)

SHEET NO.	SPECIAL CURB SHEET NO.	ROADWAY	CENTER LINE	STATION FROM	STATION TO	LOCATION	LENGTH (FT)	* CONCRETE CURB (6 IN HEIGHT AND UNDER) TYPE S (LF)	CONCRETE CURB (OVER 6 IN HEIGHT) TYPE S (LF)	CURB HEIGHT (IN)	MISC. {LINEAR GRADING CLASS 2-MODIFIED} (STA.)	REMARKS
496	30 OF 32	RTE 231/BROADWAY	RTE 231	161+93.20	162+36.48	LT	43.28	-	44.00	VARIES	-	ADA DRIVEWAY CUT THROUGH, 9 INCH CURB HEIGHT
496	30 OF 32	RTE 231/BROADWAY	RTE 231	162+46.67	162+61.81	LT	15.14	-	16.00	VARIES	-	ADA DRIVEWAY CUT THROUGH, 9 INCH CURB HEIGHT
496	30 OF 32	WALLER AVE.	WALLER AVE.	255+30.17	255+50.00	LT	19.83	20.00	-	6.00	0.20	SIDE STREET
496	30 OF 32	WALLER AVE.	WALLER AVE.	255+27.62	255+50.00	RT	22.38	23.00	-	6.00	0.30	SIDE STREET
496	30 OF 32	RTE 231/BROADWAY	RTE 231	161+79.73	164+16.45	LT	236.72	237.00	-	6.00	2.40	ADA DRIVEWAY CUT THROUGH
							TABLE 13 SUBTOTAL	280.00	60.00	-	2.90	-
							TABLE 1 SUBTOTAL	1,379.00	643.00	-	14.80	
							TABLE 2 SUBTOTAL	982.00	861.00	-	10.90	
							TABLE 3 SUBTOTAL	1,660.00	1,108.00	-	17.80	
							TABLE 4 SUBTOTAL	1,404.00	317.00	-	15.50	
							TABLE 5 SUBTOTAL	1,232.00	441.00	-	13.60	
							TABLE 6 SUBTOTAL	961.00	801.00	-	10.40	
							TABLE 7 SUBTOTAL	1,596.00	1,326.00	-	16.60	
							TABLE 8 SUBTOTAL	2,208.00	697.00	-	23.70	
							TABLE 9 SUBTOTAL	1,126.00	346.00	-	12.40	
							TABLE 10 SUBTOTAL	1,410.00	656.00	-	14.90	
							TABLE 11 SUBTOTAL	1,514.00	497.00	-	15.90	
							TABLE 12 SUBTOTAL	1,425.00	499.00	-	15.10	
							TABLE 13 SUBTOTAL	280.00	60.00	-	2.90	
							QUANTITY FROM DRIVEWAY SUMMARY OF QUANTITIES (SHEET 52 OF 106)	~~893.00~~ 953.0	-	-	-	
							TOTAL	~~18,070.00~~ 18,130.00	8,252.00	-	184.50	
							PAY TOTAL	**~~18,070~~ 18,130**	**8,252**	-	**185**	

2 Revised

SPECIAL CURB

LOCATION	MISC. {SPECIAL CURB FOR PASSING OBSTACLES} (LF)	REMARKS
LOCATION 1	20	CURB USED TO PROVIDE PEDESTRIAN ACCESS ROUTE AROUND MISC. OBSTACLES AS DIRECTED BY ENGINEER
LOCATION 2	20	CURB USED TO PROVIDE PEDESTRIAN ACCESS ROUTE AROUND MISC. OBSTACLES AS DIRECTED BY ENGINEER
LOCATION 3	20	CURB USED TO PROVIDE PEDESTRIAN ACCESS ROUTE AROUND MISC. OBSTACLES AS DIRECTED BY ENGINEER
LOCATION 4	20	CURB USED TO PROVIDE PEDESTRIAN ACCESS ROUTE AROUND MISC. OBSTACLES AS DIRECTED BY ENGINEER
TOTAL	80	-
PAY TOTAL	**80**	**-**

MISC. CURB

TOTAL	CURB AND GUTTER TYPE A (LF)	REMARKS
VARIES	400	INSTALL AT LOCATIONS IDENTIFIED BY ENGINEER
PAY TOTAL	400	-

✳ CONTRACTOR CAN SUBSTITUTE THE TYPE S CURB WITH THE MODIFIED INTEGRAL CURB TYPE B SHOWN ON THE TYPICAL SECTIONS

SUMMARY OF QUANTITIES
SHEET 48 OF 106

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 7/25/2025
ROUTE 231 | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. J6S3631
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION
09/03/25	1 PAY TOTAL REVISED

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

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Professional Engineer 001632
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314.770.0467

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

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

MISC. {HIGH TENSILE STRENGTH SYNTHETIC FIBER ASPHALTIC PAVEMENT PG 76-22 (SP125CLP MIX)}

2 Revised

DRIVEWAY

SHEET NO.	ROW SHEET NO.	ROADWAY	CENTER LINE	STATION	LOCATION	DRIVEWAY NUMBER	COMMERCIAL OR PRIVATE	DRIVEWAY WIDTH (MEASURED IN PLAN VIEW) (FT)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (1 FT. WIDTH) (SQYD)	ASPHALTIC CONCRETE THICKNESS (IN)	ASPHALTIC CONCRETE WIDTH (FT)	ASPHALTIC CONCRETE VOLUME (CY)	ASPHALTIC CONCRETE CONVERSION FACTOR (TONS/CY)	~~ASPHALTIC CONCRETE MIXTURE PG76-22 (SP125CLP MIX) WITH REINFORCING FIBERS~~ (TONS)	DRIVEWAY AREA (MEASURED IN PLAN VIEW) (SQFT)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQYD)	PAVED APPROACH 8 IN. (SQYD)	PAVED APPROACH 8 IN., HIGH EARLY STRENGTH (SQYD)	PAVED APPROACH 7 IN (SQYD)	PAVED APPROACH 7 IN.M HIGH EARLY STRENGTH (SQYD)	LINEAR GRADING CLASS 1 (STA)	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S (LF)	REMARKS
35	1	RTE 231/TELEGRAPH	RTE 231	14+45.32	LT	1	COMMERICAL	27.4	3.1	8	1	0.7	1.97	1.4	386.3	43.0	43.0	0.0	0.0	0.0	0.2	19	TYPE 1 DRIVEWAY
35	1	RTE 231/TELEGRAPH	RTE 231	15+35.33	RT	2	COMMERICAL	30.0	3.4	8	1	0.8	1.97	1.6	316.5	36.0	36.0	0.0	0.0	0.0	0.1	13	-
35	1	RTE 231/TELEGRAPH	RTE 231	16+09.16	RT	3	PRIVATE	14.0	1.6	8	1	0.4	1.97	0.8	161.1	18.0	0.0	0.0	0.0	18.0	0.1	-	-
35	1	RTE 231/TELEGRAPH	RTE 231	16+80.44	RT	3A	PRIVATE	11.0	1.3	8	1	0.3	1.97	0.6	78.3	9.0	0.0	0.0	0.0	9.0	0.1	-	-
35	1	RTE 231/TELEGRAPH	RTE 231	17+33.03	RT	4	PRIVATE	10.0	1.2	8	1	0.3	1.97	0.6	72.1	9.0	0.0	0.0	0.0	9.0	0.1	-	-
36	2	RTE 231/TELEGRAPH	RTE 231	18+21.67	LT	5	COMMERICAL	41.3	4.6	8	1	1.1	1.97	2.2	395.3	44.0	44.0	0.0	0.0	0.0	0.1	18	TYPE 1 DRIVEWAY
36	2	RTE 231/TELEGRAPH	RTE 231	19+58.76	RT	6	PRIVATE	15.0	1.7	8	1	0.4	1.97	0.8	112.3	13.0	0.0	0.0	13.0	0.0	0.1	-	-
36	2	RTE 231/TELEGRAPH	RTE 231	19+74.77	RT	7	PRIVATE	13.1	1.5	8	1	0.4	1.97	0.8	100.7	12.0	0.0	0.0	0.0	12.0	0.1	-	TYPE 1 DRIVEWAY
36	2	RTE 231/TELEGRAPH	RTE 231	20+67.02	LT	8	PRIVATE	18.7	2.1	8	1	0.5	1.97	1.0	422.2	47.0	0.0	0.0	47.0	0.0	0.4	53	TYPE 1 DRIVEWAY
36	2	RTE 231/TELEGRAPH	RTE 231	21+55.49	LT	9	PRIVATE	11.0	1.3	8	1	0.3	1.97	0.6	87.4	10.0	0.0	0.0	0.0	10.0	0.1	5	-
36	2	RTE 231/TELEGRAPH	RTE 231	21+89.22	LT	10	COMMERICAL	17.0	1.9	8	1	0.5	1.97	1.0	128.9	15.0	15.0	0.0	0.0	0.0	0.1	5	-
36	2	RTE 231/TELEGRAPH	RTE 231	22+35.39	RT	11	PRIVATE	11.3	1.3	8	1	0.3	1.97	0.6	396.8	45.0	0.0	0.0	0.0	45.0	0.5	32	TYPE 1 DRIVEWAY
37	3	RTE 231/TELEGRAPH	RTE 231	22+85.05	RT	12	PRIVATE	11.3	1.3	8	1	0.3	1.97	0.6	397.3	45.0	0.0	0.0	0.0	45.0	0.5	32	TYPE 1 DRIVEWAY
37	3	RTE 231/TELEGRAPH	RTE 231	23+35.22	RT	13	PRIVATE	11.3	1.3	8	1	0.3	1.97	0.6	394.9	44.0	0.0	0.0	0.0	44.0	0.5	32	TYPE 1 DRIVEWAY
37	3	RTE 231/TELEGRAPH	RTE 231	23+68.09	LT	14	COMMERICAL	14.0	1.6	8	1	0.4	1.97	0.8	116.4	13.0	0.0	13.0	0.0	0.0	0.1	3	-
37	3	RTE 231/TELEGRAPH	RTE 231	23+86.57	LT	15	PRIVATE	15.5	1.8	8	1	0.4	1.97	0.8	127.7	15.0	0.0	0.0	15.0	0.0	0.1	3	TYPE 1 DRIVEWAY
37	3	RTE 231/TELEGRAPH	RTE 231	23+87.36	RT	16	PRIVATE	10.5	1.2	8	1	0.3	1.97	0.6	388.6	44.0	0.0	0.0	0.0	44.0	0.5	30	TYPE 1 DRIVEWAY
37	3	RTE 231/TELEGRAPH	RTE 231	24+36.98	RT	17	PRIVATE	11.3	1.3	8	1	0.3	1.97	0.6	394.3	44.0	0.0	0.0	0.0	44.0	0.5	32	TYPE 1 DRIVEWAY
37	3	RTE 231/TELEGRAPH	RTE 231	24+79.63	LT	18	PRIVATE	26.6	3.0	8	1	0.7	1.97	1.4	187.0	21.0	0.0	0.0	21.0	0.0	0.1	2	TYPE 1 DRIVEWAY
37	3	RTE 231/TELEGRAPH	RTE 231	24+87.77	RT	19	PRIVATE	12.4	1.4	8	1	0.4	1.97	0.8	417.0	47.0	0.0	0.0	0	47.0	0.5	31	TYPE 1 DRIVEWAY
37	3	RTE 231/TELEGRAPH	RTE 231	25+39.92	RT	20	PRIVATE	15.9	1.8	8	1	0.4	1.97	0.8	118.6	14.0	0.0	0.0	14.0	0.0	0.1	-	TYPE 1 DRIVEWAY
37	3	RTE 231/TELEGRAPH	RTE 231	26+14.45	LT	21	COMMERICAL	30.2	3.4	8	1	0.8	1.97	1.6	210.9	24.0	24.0	0.0	0.0	0.0	0.1	5	TYPE 1 DRIVEWAY
37	3	RTE 231/TELEGRAPH	RTE 231	27+00.31	RT	22	PRIVATE	10.9	1.3	8	1	0.3	1.97	0.6	395.8	44.0	0.0	0.0	0.0	44.0	0.5	-	TYPE 1 DRIVEWAY
37	3	RTE 231/TELEGRAPH	RTE 231	27+60.00	RT	23	PRIVATE	22.0	2.5	8	1	0.6	1.97	1.2	155.9	18.0	0.0	0.0	18.0	0.0	0.1	-	-
38	4	RTE 231/TELEGRAPH	RTE 231	28+06.81	LT	24	COMMERICAL	28.5	3.2	8	1	0.8	1.97	1.6	222.0	25.0	25.0	0.0	0.0	0.0	0.1	7	TYPE 1 DRIVEWAY
38	4	RTE 231/TELEGRAPH	RTE 231	29+67.50	LT	25	COMMERICAL	39.7	4.5	8	1	1.0	1.97	2.0	246.2	28.0	28.0	0.0	0.0	0.0	0.1	5	TYPE 1 DRIVEWAY
38	4	RTE 231/TELEGRAPH	RTE 231	29+78.59	RT	26	PRIVATE	11.0	1.3	8	1	0.3	1.97	0.6	91.9	11.0	0.0	0.0	0.0	11.0	0.1	-	-
38	4	RTE 231/TELEGRAPH	RTE 231	30+54.64	RT	27	PRIVATE	22.0	2.5	8	1	0.6	1.97	1.2	163.5	19.0	0.0	0.0	19.0	0.0	0.1	-	-
38	4	RTE 231/TELEGRAPH	RTE 231	30+96.80	RT	28	PRIVATE	20.0	2.3	8	1	0.5	1.97	1.0	161.8	18.0	0.0	0.0	18.0	0.0	0.1	-	-
38	4	RTE 231/TELEGRAPH	RTE 231	31+19.82	LT	29	COMMERICAL	32.3	3.6	8	1	0.8	1.97	1.6	655.0	73.0	73.0	0.0	0.0	0.0	0.2	28	TYPE 1 DRIVEWAY
38	4	RTE 231/TELEGRAPH	RTE 231	32+17.50	RT	30	PRIVATE	20.0	2.3	8	1	0.5	1.97	1.0	193.9	22.0	0.0	0.0	22.0	0.0	0.1	-	-
38	4	RTE 231/TELEGRAPH	RTE 231	32+92.72	RT	31	PRIVATE	22.0	2.5	8	1	0.6	1.97	1.2	166.6	19.0	0.0	0.0	19.0	0.0	0.1	-	-
39	5	RTE 231/TELEGRAPH	RTE 231	33+60.07	RT	32	PRIVATE	11.8	1.4	8	1	0.3	1.97	0.6	118.8	14.0	0.0	0.0	0.0	14.0	0.1	-	TYPE 1 DRIVEWAY
39	5	RTE 231/TELEGRAPH	RTE 231	34+04.79	RT	33	PRIVATE	60.0	6.7	8	1	1.5	1.97	3.0	414.6	47.0	0.0	0.0	47.0	0.0	0.1	-	-
39	5	RTE 231/TELEGRAPH	RTE 231	35+19.02	RT	34	COMMERICAL	39.0	4.4	8	1	1.0	1.97	2.0	257.8	29.0	29.0	0.0	0.0	0.0	0.1	-	-
39	5	RTE 231/TELEGRAPH	RTE 231	35+22.45	LT	35	COMMERICAL	54.0	6.0	8	1	1.4	1.97	2.8	355.1	40.0	40.0	0.0	0.0	0.0	0.1	-	-
39	5	RTE 231/TELEGRAPH	RTE 231	35+67.78	LT	36	COMMERICAL	14.0	1.6	8	1	0.4	1.97	0.8	100.7	12.0	0.0	12.0	0.0	0.0	0.1	-	-
39	5	RTE 231/TELEGRAPH	RTE 231	35+90.34	LT	37	COMMERICAL	28.0	3.2	8	1	0.7	1.97	1.4	182.2	21.0	21.0	0.0	0.0	0.0	0.1	-	-
39	5	RTE 231/TELEGRAPH	RTE 231	36+07.26	RT	38	COMMERICAL	28.1	3.2	8	1	0.7	1.97	1.4	199.6	23.0	23.0	0.0	0.0	0.0	0.1	6	TYPE 1 DRIVEWAY
39	5	RTE 231/TELEGRAPH	RTE 231	36+30.68	LT	39	COMMERICAL	29.0	3.3	8	1	0.8	1.97	1.6	328.5	37.0	37.0	0.0	0.0	0.0	0.1	-	-
39	5	RTE 231/TELEGRAPH	RTE 231	37+71.69	RT	40	COMMERICAL	51.2	5.7	8	1	1.3	1.97	2.6	374.9	42.0	42.0	0.0	0.0	0.0	0.1	7	TYPE 1 DRIVEWAY
39	5	RTE 231/TELEGRAPH	RTE 231	37+73.95	LT	41	COMMERICAL	43.0	4.8	8	1	1.1	1.97	2.2	636.0	71.0	71.0	0.0	0.0	0.0	0.2	-	-
40	6	RTE 231/TELEGRAPH	RTE 231	38+69.89	LT	42	COMMERICAL	51.0	5.7	8	1	1.3	1.97	2.6	817.2	91.0	91.0	0.0	0.0	0.0	0.2	-	-
40	6	RTE 231/TELEGRAPH	RTE 231	41+29.84	RT	44	COMMERICAL	29.3	3.3	8	1	0.8	1.97	1.6	270.7	31.0	31.0	0.0	0.0	0.0	0.1	10	TYPE 1 DRIVEWAY
40	6	RTE 231/TELEGRAPH	RTE 231	41+93.10	RT	45	COMMERICAL	30.4	3.4	8	1	0.8	1.97	1.6	272.1	31.0	31.0	0.0	0.0	0.0	0.1	10	TYPE 1 DRIVEWAY
40	6	RTE 231/TELEGRAPH	RTE 231	42+19.75	LT	46	COMMERICAL	42.0	4.7	8	1	1.1	1.97	2.2	308.1	35.0	35.0	0.0	0.0	0.0	0.1	-	-
40	6	RTE 231/TELEGRAPH	RTE 231	42+46.37	RT	47	COMMERICAL	26.0	2.9	8	1	0.7	1.97	1.4	228.8	26.0	26.0	0.0	0.0	0.0	0.1	-	-
41	7	RTE 231/TELEGRAPH	RTE 231	43+89.76	LT	49	COMMERICAL	15.6	1.8	8	1	0.4	1.97	0.8	168.8	19.0	19.0	0.0	0.0	0.0	0.1	-	-
41	7	RTE 231/TELEGRAPH	RTE 231	44+18.59	LT	50	COMMERICAL	18.0	2.0	8	1	0.5	1.97	1.0	184.8	21.0	21.0	0.0	0.0	0.0	0.1	-	-
41	7	RTE 231/TELEGRAPH	RTE 231	44+32.21	RT	51	COMMERICAL	18.0	2.0	8	1	0.5	1.97	1.0	172.2	20.0	20.0	0.0	0.0	0.0	0.1	-	-
							TABLE 1 SUBTOTAL		135.2	-	-	-	-	63.2	-	1,499.0	825.0	25.0	253.0	396.0	8.5	388.0	-

SUMMARY OF QUANTITIES
SHEET 49 OF 106

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

STATE OF MISSOURI
DENNIS J. KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 7/25/2025

ROUTE	STATE
231	MO
DISTRICT	SHEET NO.
SL	3

COUNTY ST. LOUIS

JOB NO. J6S3631

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
09/08/25	2 PAY ITEM NAME REVISED

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

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

Revised

DRIVEWAY (CONT.)

SHEET NO.	ROW SHEET NO.	ROADWAY	CENTER LINE	STATION	LOCATION	DRIVEWAY NUMBER	COMMERCIAL OR PRIVATE	DRIVEWAY WIDTH (MEASURED IN PLAN VIEW) (FT)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (1 FT. WIDTH) (SQYD)	ASPHALTIC CONCRETE THICKNESS (IN)	ASPHALTIC CONCRETE WIDTH (FT)	ASPHALTIC CONCRETE VOLUME (CY)	ASPHALTIC CONCRETE CONVERSION FACTOR (TONS/CY)	~~ASPHALTIC CONCRETE MIXTURE PG76-22 (SP125CLP MIX) WITH REINFORCING FIBERS~~ MISC. (HIGH TENSILE STRENGTH SYNTHETIC FIBER ASPHALTIC PAVEMENT PG 76-22 (SP125CLP MIX)) (TONS)	DRIVEWAY AREA (MEASURED IN PLAN VIEW) (SQFT)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQYD)	PAVED APPROACH 8 IN. (SQYD)	PAVED APPROACH 8 IN., HIGH EARLY STRENGTH (SQYD)	PAVED APPROACH 7 IN (SQYD)	PAVED APPROACH 7 IN.M HIGH EARLY STRENGTH (SQYD)	LINEAR GRADING CLASS 1 (STA)	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S (LF)	REMARKS
41	7	RTE 231/TELEGRAPH	RTE 231	44+80.20	LT	52	COMMERICAL	12.0	1.4	8	1	0.3	1.97	0.6	157.6	18.0	0.0	18.0	0.0	0.0	0.1	-	-
41	7	RTE 231/TELEGRAPH	RTE 231	45+25.14	LT	53	COMMERICAL	11.0	1.3	8	1	0.3	1.97	0.6	130.7	15.0	0.0	15.0	0.0	0.0	0.1	-	-
41	7	RTE 231/TELEGRAPH	RTE 231	45+69.17	LT	54	COMMERICAL	30.0	3.4	8	1	0.8	1.97	1.6	263.8	30.0	30.0	0.0	0.0	0.0	0.1	10	-
41	7	RTE 231/TELEGRAPH	RTE 231	45+69.92	RT	55	COMMERICAL	30.0	3.4	8	1	0.8	1.97	1.6	263.2	30.0	30.0	0.0	0.0	0.0	0.2	8	-
42	8	RTE 231/KINGSTON	RTE 231	48+61.21	RT	56	COMMERICAL	23.1	2.6	8	1	0.6	1.97	1.2	215.9	24.0	24.0	0.0	0.0	0.0	0.1	-	TYPE 1 DRIVEWAY
42	8	RTE 231/KINGSTON	RTE 231	51+45.18	LT	57	PRIVATE	20.0	2.3	8	1	0.5	1.97	1.0	232.9	26.0	0.0	0.0	26.0	0.0	0.2	-	-
42	8	RTE 231/KINGSTON	RTE 231	52+11.83	LT	58	PRIVATE	8.0	0.9	8	1	0.2	1.97	0.4	136.6	16.0	0.0	0.0	0.0	16.0	0.2	-	-
42	8	RTE 231/KINGSTON	RTE 231	52+24.46	LT	59	PRIVATE	10.0	1.2	8	1	0.3	1.97	0.6	149.0	17.0	0.0	0.0	0.0	17.0	0.2	-	-
42	8	RTE 231/KINGSTON	RTE 231	53+01.98	RT	60	PRIVATE	10.0	1.2	8	1	0.3	1.97	0.6	110.1	13.0	0.0	0.0	0.0	13.0	0.1	-	-
43	9	RTE 231/KINGSTON	RTE 231	53+81.94	LT	61	PRIVATE	10.0	1.2	8	1	0.3	1.97	0.6	118.3	14.0	0.0	0.0	0.0	14.0	0.1	-	-
43	9	RTE 231/KINGSTON	RTE 231	53+95.56	RT	62	PRIVATE	11.0	1.3	8	1	0.3	1.97	0.6	115.8	13.0	0.0	0.0	0.0	13.0	0.1	-	-
43	9	RTE 231/KINGSTON	RTE 231	54+22.36	LT	63	PRIVATE	16.0	1.8	8	1	0.4	1.97	0.8	171.6	20.0	0.0	0.0	20.0	0.0	0.1	-	-
43	9	RTE 231/KINGSTON	RTE 231	54+64.48	LT	64	PRIVATE	10.0	1.2	8	1	0.3	1.97	0.6	122.8	14.0	0.0	0.0	0.0	14.0	0.1	-	-
43	9	RTE 231/KINGSTON	RTE 231	54+83.41	RT	65	PRIVATE	11.0	1.3	8	1	0.3	1.97	0.6	114.1	13.0	0.0	0.0	0.0	13.0	0.1	-	-
43	9	RTE 231/KINGSTON	RTE 231	55+31.33	LT	66	PRIVATE	10.0	1.2	8	1	0.3	1.97	0.6	119.4	14.0	0.0	0.0	0.0	14.0	0.1	-	-
43	9	RTE 231/KINGSTON	RTE 231	55+58.23	RT	67	PRIVATE	10.2	1.2	8	1	0.3	1.97	0.6	111.0	13.0	0.0	0.0	0.0	13.0	0.1	-	TYPE 1 DRIVEWAY
43	9	RTE 231/KINGSTON	RTE 231	55+69.97	LT	68	PRIVATE	11.0	1.3	8	1	0.3	1.97	0.6	121.0	14.0	0.0	0.0	0.0	14.0	0.1	-	-
43	9	RTE 231/KINGSTON	RTE 231	56+10.01	LT	69	PRIVATE	10.0	1.2	8	1	0.3	1.97	0.6	141.5	16.0	0.0	0.0	0.0	16.0	0.1	-	-
43	9	RTE 231/KINGSTON	RTE 231	56+54.90	LT	70	PRIVATE	19.0	2.2	8	1	0.5	1.97	1.0	191.8	22.0	0.0	0.0	22.0	0.0	0.1	-	-
43	9	RTE 231/KINGSTON	RTE 231	56+99.57	RT	71	PRIVATE	11.0	1.3	8	1	0.3	1.97	0.6	104.5	12.0	0.0	0.0	0.0	12.0	0.1	-	-
43	9	RTE 231/KINGSTON	RTE 231	57+28.87	LT	72	PRIVATE	10.0	1.2	8	1	0.3	1.97	0.6	119.9	14.0	0.0	0.0	0.0	14.0	0.1	-	-
43	9	RTE 231/KINGSTON	RTE 231	57+39.76	RT	73	PRIVATE	10.0	1.2	8	1	0.3	1.97	0.6	98.1	11.0	0.0	0.0	0.0	11.0	0.1	-	-
43	9	RTE 231/KINGSTON	RTE 231	57+80.89	RT	74	PRIVATE	10.0	1.2	8	1	0.3	1.97	0.6	97.2	11.0	0.0	0.0	0.0	11.0	0.1	-	-
43	9	RTE 231/KINGSTON	RTE 231	58+20.33	RT	75	PRIVATE	10.0	1.2	8	1	0.3	1.97	0.6	100.8	12.0	0.0	0.0	0.0	12.0	0.1	-	-
44	10	RTE 231/KINGSTON	RTE 231	58+80.17	LT	76	PRIVATE	10.0	1.2	8	1	0.3	1.97	0.6	117.9	14.0	0.0	0.0	0.0	14.0	0.1	-	-
44	10	RTE 231/KINGSTON	RTE 231	58+88.59	RT	77	PRIVATE	10.0	1.2	8	1	0.3	1.97	0.6	94.5	11.0	0.0	0.0	0.0	11.0	0.1	-	-
44	10	RTE 231/KINGSTON	RTE 231	59+25.11	LT	78	PRIVATE	10.0	1.2	8	1	0.3	1.97	0.6	101.4	12.0	0.0	0.0	0.0	12.0	0.1	-	-
44	10	RTE 231/KINGSTON	RTE 231	59+27.64	RT	79	PRIVATE	10.0	1.2	8	1	0.3	1.97	0.6	97.8	11.0	0.0	0.0	0.0	11.0	0.1	-	-
44	10	RTE 231/KINGSTON	RTE 231	59+66.77	RT	80	PRIVATE	10.0	1.2	8	1	0.3	1.97	0.6	102.7	12.0	0.0	0.0	0.0	12.0	0.1	-	-
44	10	RTE 231/KINGSTON	RTE 231	59+69.36	LT	81	PRIVATE	10.0	1.2	8	1	0.3	1.97	0.6	122.0	14.0	0.0	0.0	0.0	14.0	0.1	-	-
44	10	RTE 231/KINGSTON	RTE 231	60+09.38	RT	82	PRIVATE	19.0	2.2	8	1	0.5	1.97	1.0	163.1	19.0	0.0	0.0	19.0	0.0	0.1	-	-
44	10	RTE 231/KINGSTON	RTE 231	60+49.01	LT	83	PRIVATE	19.0	2.2	8	1	0.5	1.97	1.0	188.2	21.0	0.0	0.0	21.0	0.0	0.1	-	-
44	10	RTE 231/KINGSTON	RTE 231	60+53.32	RT	84	PRIVATE	10.0	1.2	8	1	0.3	1.97	0.6	110.5	13.0	0.0	0.0	0.0	13.0	0.1	-	-
44	10	RTE 231/KINGSTON	RTE 231	61+36.75	LT	85	PRIVATE	10.0	1.2	8	1	0.3	1.97	0.6	107.1	12.0	0.0	0.0	0.0	12.0	0.1	-	-
44	10	RTE 231/KINGSTON	RTE 231	61+81.23	LT	86	PRIVATE	9.0	1.0	8	1	0.3	1.97	0.6	99.3	12.0	0.0	0.0	0.0	12.0	0.1	-	-
44	10	RTE 231/KINGSTON	RTE 231	62+30.78	LT	87	PRIVATE	19.0	2.2	8	1	0.5	1.97	1.0	194.0	22.0	0.0	0.0	22.0	0.0	0.1	-	-
44	10	RTE 231/KINGSTON	RTE 231	63+19.79	LT	88	PRIVATE	12.0	1.4	8	1	0.3	1.97	0.6	116.7	13.0	0.0	0.0	0.0	13.0	0.1	-	-
44	10	RTE 231/KINGSTON	RTE 231	63+31.59	LT	89	PRIVATE	10.0	1.2	8	1	0.3	1.97	0.6	108.6	13.0	0.0	0.0	0.0	13.0	0.1	-	-
45	11	RTE 231/KINGSTON	RTE 231	63+78.08	LT	90	PRIVATE	11.0	1.3	8	1	0.3	1.97	0.6	117.7	14.0	0.0	0.0	0.0	14.0	0.1	-	-
45	11	RTE 231/KINGSTON	RTE 231	66+16.85	LT	91	PRIVATE	10.0	1.2	8	1	0.3	1.97	0.6	112.3	13.0	0.0	0.0	0.0	13.0	0.1	-	-
45	11	RTE 231/KINGSTON	RTE 231	66+88.21	RT	92	COMMERICAL	58.0	6.5	8	1	1.5	1.97	3.0	831.6	93.0	93.0	0.0	0.0	0.0	0.2	-	-
45	11	RTE 231/KINGSTON	RTE 231	68+50.95	RT	93	COMMERICAL	48.0	5.4	8	1	1.2	1.97	2.4	647.9	72.0	72.0	0.0	0.0	0.0	0.2	-	-
46	12	RTE 231/KINGSTON	RTE 231	70+12.07	RT	94	COMMERICAL	47.0	5.3	8	1	1.2	1.97	2.4	667.9	75.0	75.0	0.0	0.0	0.0	0.2	-	-
46	12	RTE 231/KINGSTON	RTE 231	72+76.19	RT	95	COMMERICAL	30.0	3.4	8	1	0.8	1.97	1.6	1,119.2	125.0	125.0	0.0	0.0	0.0	1.0	23	-
47	13	RTE 231/KINGSTON	RTE 231	74+23.22	RT	96	COMMERICAL	36.0	4.0	8	1	0.9	1.97	1.8	1,205.4	134.0	134.0	0.0	0.0	0.0	1.0	-	-
47	13	RTE 231/KINGSTON	RTE 231	75+42.57	RT	97	COMMERICAL	36.0	4.0	8	1	0.9	1.97	1.8	897.3	100.0	100.0	0.0	0.0	0.0	0.3	-	-
48	14	RTE 231/KINGSTON	RTE 231	79+25.31	RT	98	COMMERICAL	42.0	4.7	8	1	1.1	1.97	2.2	1,122.7	125.0	125.0	0.0	0.0	0.0	0.3	-	-
48	14	RTE 231/KINGSTON	RTE 231	80+83.40	RT	99	COMMERICAL	33.7	3.8	8	1	0.9	1.97	1.8	306.5	35.0	35.0	0.0	0.0	0.0	0.1	11	TYPE 1 DRIVEWAY
48	14	RTE 231/KINGSTON	RTE 231	82+49.75	RT	100	COMMERICAL	32.1	3.6	8	1	0.8	1.97	1.6	281.4	32.0	32.0	0.0	0.0	0.0	0.1	11	TYPE 1 DRIVEWAY
49	15	RTE 231/KINGSTON	RTE 231	84+15.28	RT	101	COMMERICAL	29.2	3.3	8	1	0.8	1.97	1.6	395.3	44.0	44.0	0.0	0.0	0.0	0.2	17	TYPE 1 DRIVEWAY
							TABLE 2 SUBTOTAL	104.0	-	-	-	-		48.8	-	1,463.0	919.0	33.0	130.0	381.0	8.0	80.0	-

SUMMARY OF QUANTITIES
SHEET 50 OF 106

STATE OF MISSOURI
DENNIS J. KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 7/25/2025

ROUTE	STATE
231	MO
DISTRICT	SHEET NO.
SL	3

COUNTY ST. LOUIS

JOB NO. J6S3631

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
09/08/25	PAY ITEM NAME REVISED

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

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

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LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

DRIVEWAY (CONT.)

SHEET NO.	ROW SHEET NO.	ROADWAY	CENTER LINE	STATION	LOCATION	DRIVEWAY NUMBER	COMMERCIAL OR PRIVATE	DRIVEWAY WIDTH (MEASURED IN PLAN VIEW) (FT)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (1 FT. WIDTH) (SQYD)	ASPHALTIC CONCRETE THICKNESS (IN)	ASPHALTIC CONCRETE WIDTH (FT)	ASPHALTIC CONCRETE VOLUME (CY)	ASPHALTIC CONCRETE CONVERSION FACTOR (TONS/CY)	~~ASPHALTIC CONCRETE MIXTURE PG76-22 (SP125CLP MIX) WITH REINFORCING FIBERS~~ MISC. (HIGH TENSILE STRENGTH SYNTHETIC FIBER ASPHALTIC PAVEMENT PG 76-22 (SP125CLP MIX)) (TONS)	DRIVEWAY AREA (MEASURED IN PLAN VIEW) (SQFT)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQYD)	PAVED APPROACH 8 IN. (SQYD)	PAVED APPROACH 8 IN., HIGH EARLY STRENGTH (SQYD)	PAVED APPROACH 7 IN (SQYD)	PAVED APPROACH 7 IN.M HIGH EARLY STRENGTH (SQYD)	LINEAR GRADING CLASS 1 (STA)	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S (LF)	REMARKS
49	15	RTE 231/KINGSTON	RTE 231	87+00.80	RT	102	COMMERICAL	25.6	2.9	8	1	0.7	1.97	1.4	445.6	50.0	50.0	0.0	0.0	0.0	0.2	-	TYPE 1 DRIVEWAY
49	15	RTE 231/KINGSTON	RTE 231	88+61.31	LT	103	COMMERICAL	41.0	4.6	8	1	1.1	1.97	2.2	837.9	94.0	94.0	0.0	0.0	0.0	0.2	4	-
50	16	RTE 231/KINGSTON	RTE 231	90+93.98	RT	104	COMMERICAL	28.9	3.3	8	1	0.8	1.97	1.6	194.2	22.0	22.0	0.0	0.0	0.0	0.1	-	TYPE 1 DRIVEWAY
50	16	RTE 231/KINGSTON	RTE 231	91+32.09	LT	105	COMMERICAL	15.0	1.7	8	1	0.4	1.97	0.8	383.6	43.0	43.0	0.0	0.0	0.0	0.1	5	-
50	16	RTE 231/KINGSTON	RTE 231	92+16.12	LT	106	COMMERICAL	48.0	5.4	8	1	1.2	1.97	2.4	547.5	61.0	61.0	0.0	0.0	0.0	0.1	7	-
50	16	RTE 231/KINGSTON	RTE 231	92+53.18	LT	107	PRIVATE	11.0	1.3	8	1	0.3	1.97	0.6	140.6	16.0	0.0	0.0	0.0	16.0	0.2	-	-
50	16	RTE 231/KINGSTON	RTE 231	93+12.50	RT	108	COMMERICAL	29.6	3.3	8	1	0.8	1.97	1.6	204.3	23.0	23.0	0.0	0.0	0.0	0.1	3	TYPE 1 DRIVEWAY
50	16	RTE 231/KINGSTON	RTE 231	93+24.80	LT	109	PRIVATE	15.0	1.7	8	1	0.4	1.97	0.8	305.5	34.0	0.0	0.0	34.0	0.0	0.2	-	-
50	16	RTE 231/KINGSTON	RTE 231	93+78.60	RT	110	COMMERICAL	26.5	3.0	8	1	0.7	1.97	1.4	188.1	21.0	21.0	0.0	0.0	0.0	0.1	-	TYPE 1 DRIVEWAY
51	17	RTE 231/KINGSTON	RTE 231	94+25.89	LT	111	PRIVATE	22.0	2.5	8	1	0.6	1.97	1.2	364.4	41.0	0.0	0.0	41.0	0.0	0.2	-	-
51	17	RTE 231/KINGSTON	RTE 231	94+49.36	RT	112	COMMERICAL	57.8	6.5	8	1	1.5	1.97	3.0	423.9	48.0	48.0	0.0	0.0	0.0	0.1	-	TYPE 1 DRIVEWAY
51	17	RTE 231/KINGSTON	RTE 231	95+25.41	LT	113	PRIVATE	18.0	2.0	8	1	0.5	1.97	1.0	278.4	31.0	0.0	0.0	31.0	0.0	0.2	-	-
51	17	RTE 231/KINGSTON	RTE 231	95+58.67	RT	114	COMMERICAL	58.6	6.6	8	1	1.5	1.97	3.0	395.2	44.0	44.0	0.0	0.0	0.0	0.1	4	TYPE 1 DRIVEWAY
51	17	RTE 231/KINGSTON	RTE 231	96+24.36	LT	115	PRIVATE	16.0	1.8	8	1	0.4	1.97	0.8	281.5	32.0	0.0	0.0	32.0	0.0	0.2	-	-
51	17	RTE 231/KINGSTON	RTE 231	97+24.32	LT	116	PRIVATE	16.0	1.8	8	1	0.4	1.97	0.8	282.4	32.0	0.0	0.0	32.0	0.0	0.2	-	-
51	17	RTE 231/KINGSTON	RTE 231	98+24.58	LT	117	PRIVATE	16.0	1.8	8	1	0.4	1.97	0.8	248.2	28.0	0.0	0.0	28.0	0.0	0.2	-	-
51	17	RTE 231/KINGSTON	RTE 231	99+21.10	LT	118	PRIVATE	11.0	1.3	8	1	0.3	1.97	0.6	160.2	18.0	0.0	0.0	0.0	18.0	0.1	-	-
52	18	RTE 231/BROADWAY	RTE 231	99+70.85	LT	119	PRIVATE	10.0	1.2	8	1	0.3	1.97	0.6	100.0	12.0	0.0	0.0	0.0	12.0	0.1	-	-
52	18	RTE 231/BROADWAY	RTE 231	101+01.83	LT	120	COMMERICAL	33.0	3.7	8	1	0.9	1.97	1.8	279.1	32.0	32.0	0.0	0.0	0.0	0.1	-	-
52	18	RTE 231/BROADWAY	RTE 231	101+77.12	RT	121	COMMERICAL	38.0	4.3	8	1	1.0	1.97	2.0	312.0	35.0	35.0	0.0	0.0	0.0	0.1	10	-
52	18	RTE 231/BROADWAY	RTE 231	102+09.38	LT	122	COMMERICAL	31.0	3.5	8	1	0.8	1.97	1.6	260.5	29.0	29.0	0.0	0.0	0.0	0.1	-	-
52	18	RTE 231/BROADWAY	RTE 231	102+57.61	LT	123	COMMERICAL	20.5	2.3	8	1	0.6	1.97	1.2	170.1	19.0	19.0	0.0	0.0	0.0	0.1	-	TYPE 1 DRIVEWAY
52	18	RTE 231/BROADWAY	RTE 231	102+91.33	RT	124	COMMERICAL	35.0	3.9	8	1	0.9	1.97	1.8	323.9	36.0	36.0	0.0	0.0	0.0	0.1	11	-
52	18	RTE 231/BROADWAY	RTE 231	103+55.17	LT	125	PRIVATE	14.8	1.7	8	1	0.4	1.97	0.8	107.9	12.0	0.0	0.0	12.0	0.0	0.1	-	TYPE 1 DRIVEWAY
52	18	RTE 231/BROADWAY	RTE 231	104+21.38	RT	126	COMMERICAL	22.0	2.5	8	1	0.6	1.97	1.2	143.7	16.0	16.0	0.0	0.0	0.0	0.1	-	-
52	18	RTE 231/BROADWAY	RTE 231	104+22.96	LT	127	PRIVATE	13.0	1.5	8	1	0.4	1.97	0.8	87.1	10.0	0.0	0.0	0.0	10.0	0.1	-	-
53	19	RTE 231/BROADWAY	RTE 231	104+67.31	RT	128	PRIVATE	14.0	1.6	8	1	0.4	1.97	0.8	110.2	13.0	0.0	0.0	0.0	13.0	0.1	-	-
53	19	RTE 231/BROADWAY	RTE 231	105+25.13	LT	129	PRIVATE	13.0	1.5	8	1	0.4	1.97	0.8	126.0	15.0	0.0	0.0	0.0	15.0	0.1	-	-
53	19	RTE 231/BROADWAY	RTE 231	105+43.19	RT	130	PRIVATE	19.0	2.2	8	1	0.5	1.97	1.0	141.5	16.0	0.0	0.0	16.0	0.0	0.1	-	-
53	19	RTE 231/BROADWAY	RTE 231	106+24.81	RT	131	COMMERICAL	20.0	2.3	8	1	0.5	1.97	1.0	142.9	16.0	16.0	0.0	0.0	0.0	0.1	-	-
53	19	RTE 231/BROADWAY	RTE 231	106+51.55	LT	132	PRIVATE	20.0	2.3	8	1	0.5	1.97	1.0	145.7	17.0	0.0	0.0	17.0	0.0	0.1	-	-
53	19	RTE 231/BROADWAY	RTE 231	106+62.87	RT	133	COMMERICAL	25.8	2.9	8	1	0.7	1.97	1.4	196.6	22.0	22.0	0.0	0.0	0.0	0.1	-	TYPE 1 DRIVEWAY
53	19	RTE 231/BROADWAY	RTE 231	109+09.29	LT	134	COMMERICAL	12.0	1.4	8	1	0.3	1.97	0.6	99.7	12.0	0.0	12.0	0.0	0.0	0.1	-	TYPE 1 DRIVEWAY
54	20	RTE 231/BROADWAY	RTE 231	109+82.08	RT	135	COMMERICAL	32.0	3.6	8	1	0.8	1.97	1.6	234.7	27.0	27.0	0.0	0.0	0.0	0.1	6	-
54	20	RTE 231/BROADWAY	RTE 231	110+15.68	LT	136	COMMERICAL	19.0	2.2	8	1	0.5	1.97	1.0	158.2	18.0	18.0	0.0	0.0	0.0	0.1	-	-
54	20	RTE 231/BROADWAY	RTE 231	110+78.36	LT	137	PRIVATE	26.0	2.9	8	1	0.7	1.97	1.4	185.3	21.0	0.0	0.0	21.0	0.0	0.1	-	-
54	20	RTE 231/BROADWAY	RTE 231	111+94.98	LT	138	PRIVATE	16.0	1.8	8	1	0.4	1.97	0.8	113.2	13.0	0.0	0.0	13.0	0.0	0.1	-	-
54	20	RTE 231/BROADWAY	RTE 231	112+37.08	RT	139	COMMERICAL	45.2	5.1	8	1	1.2	1.97	2.4	423.5	48.0	48.0	0.0	0.0	0.0	0.1	-	TYPE 1 DRIVEWAY
54	20	RTE 231/BROADWAY	RTE 231	112+90.26	LT	140	COMMERICAL	62.2	7.0	8	1	1.6	1.97	3.2	451.5	51.0	51.0	0.0	0.0	0.0	0.1	-	TYPE 1 DRIVEWAY
54	20	RTE 231/BROADWAY	RTE 231	114+14.30	RT	141	COMMERICAL	45.0	5.0	8	1	1.2	1.97	2.4	327.2	37.0	37.0	0.0	0.0	0.0	0.1	-	-
54	20	RTE 231/BROADWAY	RTE 231	114+18.67	LT	142	PRIVATE	9.6	1.1	8	1	0.3	1.97	0.6	88.6	10.0	0.0	0.0	0.0	10.0	0.1	-	TYPE 1 DRIVEWAY
55	21	RTE 231/BROADWAY	RTE 231	114+65.61	LT	143	PRIVATE	20.0	2.3	8	1	0.5	1.97	1.0	140.9	16.0	0.0	0.0	16.0	0.0	0.1	-	-
55	21	RTE 231/BROADWAY	RTE 231	114+81.82	RT	143A	COMMERICAL	50.9	5.7	8	1	1.3	1.97	2.6	330.0	37.0	37.0	0.0	0.0	0.0	0.1	-	TYPE 1 DRIVEWAY
55	21	RTE 231/BROADWAY	RTE 231	115+47.97	LT	144	PRIVATE	15.0	1.7	8	1	0.4	1.97	0.8	108.0	12.0	0.0	0.0	12.0	0.0	0.1	-	-
55	21	RTE 231/BROADWAY	RTE 231	115+49.55	RT	145	COMMERICAL	36.1	4.1	8	1	0.9	1.97	1.8	229.8	26.0	26.0	0.0	0.0	0.0	0.1	-	TYPE 1 DRIVEWAY
55	21	RTE 231/BROADWAY	RTE 231	117+53.00	LT	146	PRIVATE	9.0	1.0	8	1	0.3	1.97	0.6	58.2	7.0	0.0	0.0	0.0	7.0	0.1	-	-
55	21	RTE 231/BROADWAY	RTE 231	117+55.23	RT	147	COMMERICAL	29.2	3.3	8	1	0.8	1.97	1.6	225.2	26.0	26.0	0.0	0.0	0.0	0.1	-	TYPE 1 DRIVEWAY
55	21	RTE 231/BROADWAY	RTE 231	118+02.68	RT	148	COMMERICAL	28.0	3.2	8	1	0.7	1.97	1.4	203.5	23.0	23.0	0.0	0.0	0.0	0.1	4	-
55	21	RTE 231/BROADWAY	RTE 231	119+76.08	RT	149	COMMERICAL	33.0	3.7	8	1	0.9	1.97	1.8	242.0	27.0	27.0	0.0	0.0	0.0	0.1	-	-
56	22	RTE 231/BROADWAY	RTE 231	120+72.31	RT	150	PRIVATE	11.0	1.3	8	1	0.3	1.97	0.6	92.0	11.0	0.0	0.0	0.0	11.0	0.1	-	-
							TABLE 3 SUBTOTAL	145.3	-	-	-	-		68.0	-	1,360.0	931.0	12.0	305.0	112.0	5.9	54.0	-

SUMMARY OF QUANTITIES
SHEET 51 OF 106

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

STATE OF MISSOURI
DENNIS J. KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 7/25/2025

ROUTE	STATE
231	MO
DISTRICT	SHEET NO.
SL	3

COUNTY ST. LOUIS

JOB NO. J6S3631

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
09/08/25	PAY ITEM NAME REVISED

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DRIVEWAY (CONT.)

SHEET NO.	ROW SHEET NO.	ROADWAY	CENTER LINE	STATION	LOCATION	DRIVEWAY NUMBER	COMMERCIAL OR PRIVATE	DRIVEWAY WIDTH (MEASURED IN PLAN VIEW) (FT)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (1 FT. WIDTH) (SQYD)	ASPHALTIC CONCRETE THICKNESS (IN)	ASPHALTIC CONCRETE WIDTH (FT)	ASPHALTIC CONCRETE VOLUME (CY)	ASPHALTIC CONCRETE CONVERSION FACTOR (TONS/CY)	~~ASPHALTIC CONCRETE MIXTURE PG76-22 (SP125CLP MIX) WITH REINFORCING FIBERS~~ MISC. {HIGH TENSILE STRENGTH SYNTHETIC FIBER ASPHALTIC PAVEMENT PG 76-22 (SP125CLP MIX)} (TONS)	DRIVEWAY AREA (MEASURED IN PLAN VIEW) (SQFT)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQYD)	PAVED APPROACH 8 IN. (SQYD)	PAVED APPROACH 8 IN., HIGH EARLY STRENGTH (SQYD)	PAVED APPROACH 7 IN (SQYD)	PAVED APPROACH 7 IN.M HIGH EARLY STRENGTH (SQYD)	LINEAR GRADING CLASS 1 (STA)	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S (LF)	REMARKS
56	22	RTE 231/BROADWAY	RTE 231	121+02.91	RT	151	PRIVATE	11.0	1.3	8	1	0.3	1.97	0.6	88.2	10.0	0.0	0.0	0.0	10.0	0.1	-	-
56	22	RTE 231/BROADWAY	RTE 231	121+38.23	RT	152	PRIVATE	12.0	1.4	8	1	0.3	1.97	0.6	96.8	11.0	0.0	0.0	0.0	11.0	0.1	-	-
56	22	RTE 231/BROADWAY	RTE 231	121+99.31	LT	153	PRIVATE	9.9	1.1	8	1	0.3	1.97	0.6	101.4	12.0	0.0	0.0	0.0	12.0	0.1	-	TYPE 1 DRIVEWAY
56	22	RTE 231/BROADWAY	RTE 231	122+47.13	RT	154	COMMERCIAL	32.0	3.6	8	1	0.8	1.97	1.6	205.1	23.0	23.0	0.0	0.0	0.0	0.1	-	-
56	22	RTE 231/BROADWAY	RTE 231	122+73.40	RT	155	COMMERCIAL	10.0	1.2	8	1	0.3	1.97	0.6	78.1	9.0	0.0	9.0	0.0	0.0	0.1	-	-
56	22	RTE 231/BROADWAY	RTE 231	124+73.07	LT	156	COMMERCIAL	30.1	3.4	8	1	0.8	1.97	1.6	214.1	24.0	24.0	0.0	0.0	0.0	0.1	-	TYPE 1 DRIVEWAY
57	23	RTE 231/BROADWAY	RTE 231	125+42.02	RT	157	COMMERCIAL	23.7	2.7	8	1	0.6	1.97	1.2	179.3	20.0	20.0	0.0	0.0	0.0	0.1	-	TYPE 1 DRIVEWAY
57	23	RTE 231/BROADWAY	RTE 231	126+15.70	LT	158	COMMERCIAL	26.0	2.9	8	1	0.7	1.97	1.4	184.2	21.0	21.0	0.0	0.0	0.0	0.1	-	-
57	23	RTE 231/BROADWAY	RTE 231	126+24.46	RT	159	COMMERCIAL	20.0	2.3	8	1	0.5	1.97	1.0	153.4	18.0	18.0	0.0	0.0	0.0	0.1	-	-
57	23	RTE 231/BROADWAY	RTE 231	129+14.58	LT	160	COMMERCIAL	41.0	4.6	8	1	1.1	1.97	2.2	291.9	33.0	33.0	0.0	0.0	0.0	0.1	-	-
57	23	RTE 231/BROADWAY	RTE 231	129+22.26	RT	161	COMMERCIAL	38.0	4.3	8	1	1.0	1.97	2.0	312.3	35.0	35.0	0.0	0.0	0.0	0.1	-	-
57	23	RTE 231/BROADWAY	RTE 231	129+71.90	RT	162	COMMERCIAL	56.0	6.3	8	1	1.4	1.97	2.8	312.3	35.0	35.0	0.0	0.0	0.0	0.1	-	-
57	23	RTE 231/BROADWAY	RTE 231	129+74.62	LT	163	COMMERCIAL	25.0	2.8	8	1	0.7	1.97	1.4	181.7	21.0	21.0	0.0	0.0	0.0	0.1	-	-
58	24	RTE 231/BROADWAY	RTE 231	130+52.39	LT	164	COMMERCIAL	39.0	4.4	8	1	1.0	1.97	2.0	258.5	29.0	29.0	0.0	0.0	0.0	0.1	-	-
58	24	RTE 231/BROADWAY	RTE 231	131+43.94	RT	165	PRIVATE	10.7	1.2	8	1	0.3	1.97	0.6	85.0	10.0	0.0	0.0	0.0	10.0	0.1	-	TYPE 1 DRIVEWAY
58	24	RTE 231/BROADWAY	RTE 231	132+20.37	RT	166	PRIVATE	12.0	1.4	8	1	0.3	1.97	0.6	83.5	10.0	0.0	0.0	0.0	10.0	0.1	-	-
58	24	RTE 231/BROADWAY	RTE 231	133+84.28	RT	167	PRIVATE	11.0	1.3	8	1	0.3	1.97	0.6	75.9	9.0	0.0	0.0	0.0	9.0	0.1	-	-
58	24	RTE 231/BROADWAY	RTE 231	134+16.13	RT	168	PRIVATE	7.0	0.8	8	1	0.2	1.97	0.4	56.1	7.0	0.0	0.0	0.0	7.0	0.1	-	-
60	26	RTE 231/BROADWAY	RTE 231	140+12.54	LT	169	COMMERCIAL	27.0	3.0	8	1	0.7	1.97	1.4	185.0	21.0	21.0	0.0	0.0	0.0	0.1	-	-
60	26	RTE 231/BROADWAY	RTE 231	141+13.83	RT	170	COMMERCIAL	34.0	3.8	8	1	0.9	1.97	1.8	238.6	27.0	27.0	0.0	0.0	0.0	0.1	6	-
60	26	RTE 231/BROADWAY	RTE 231	141+57.84	RT	171	COMMERCIAL	34.0	3.8	8	1	0.9	1.97	1.8	242.5	27.0	27.0	0.0	0.0	0.0	0.1	6	-
60	26	RTE 231/BROADWAY	RTE 231	142+12.72	RT	172	COMMERCIAL	33.0	3.7	8	1	0.9	1.97	1.8	241.7	27.0	27.0	0.0	0.0	0.0	0.1	6	-
60	26	RTE 231/BROADWAY	RTE 231	142+69.00	LT	173	COMMERCIAL	28.0	3.2	8	1	0.7	1.97	1.4	195.1	22.0	22.0	0.0	0.0	0.0	0.1	-	TYPE 1 DRIVEWAY
61	27	RTE 231/BROADWAY	RTE 231	146+94.71	LT	174	COMMERCIAL	28.0	3.2	8	1	0.7	1.97	1.4	213.5	24.0	24.0	0.0	0.0	0.0	0.1	7	-
61	27	RTE 231/BROADWAY	RTE 231	147+99.50	LT	175	COMMERCIAL	64.0	7.2	8	1	1.6	1.97	3.2	451.2	51.0	51.0	0.0	0.0	0.0	0.1	-	-
61	27	RTE 231/BROADWAY	RTE 231	149+55.76	LT	176	COMMERCIAL	48.6	5.4	8	1	1.2	1.97	2.4	340.9	38.0	38.0	0.0	0.0	0.0	0.1	4	TYPE 1 DRIVEWAY
62	28	RTE 231/BROADWAY	RTE 231	151+03.32	LT	177	COMMERCIAL	48.6	5.4	8	1	1.2	1.97	2.4	344.2	39.0	39.0	0.0	0.0	0.0	0.1	-	TYPE 1 DRIVEWAY
62	28	RTE 231/BROADWAY	RTE 231	151+54.05	LT	178	COMMERCIAL	18.1	2.1	8	1	0.5	1.97	1.0	311.2	35.0	35.0	0.0	0.0	0.0	0.2	-	TYPE 1 DRIVEWAY
62	28	RTE 231/BROADWAY	RTE 231	152+82.87	LT	179	COMMERCIAL	79.0	8.8	8	1	2.0	1.97	4.0	563.1	63.0	63.0	0.0	0.0	0.0	0.1	-	-
63	29	RTE 231/BROADWAY	RTE 231	156+35.51	LT	180	PRIVATE	11.0	1.3	8	1	0.3	1.97	0.6	95.4	11.0	0.0	0.0	0.0	11.0	0.1	-	-
63	29	RTE 231/BROADWAY	RTE 231	158+08.65	LT	181	COMMERCIAL	34.6	3.9	8	1	0.9	1.97	1.8	211.5	24.0	24.0	0.0	0.0	0.0	0.1	-	TYPE 1 DRIVEWAY
64	30	RTE 231/BROADWAY	RTE 231	164+44.47	LT	182	COMMERCIAL	28.5	3.2	8	1	0.8	1.97	1.6	184.5	21.0	21.0	0.0	0.0	0.0	0.1	4	TYPE 1 DRIVEWAY
65	31	RTE 231/BROADWAY	RTE 231	165+55.28	RT	183	COMMERCIAL	29.0	3.3	8	1	0.8	1.97	1.6	311.9	35.0	35.0	0.0	0.0	0.0	0.1	14	-
65	31	RTE 231/BROADWAY	RTE 231	165+66.65	LT	184	COMMERCIAL	31.0	3.5	8	1	0.8	1.97	1.6	215.4	24.0	24.0	0.0	0.0	0.0	0.1	5	-
65	31	RTE 231/BROADWAY	RTE 231	166+27.04	LT	185	COMMERCIAL	30.0	3.4	8	1	0.8	1.97	1.6	216.9	25.0	25.0	0.0	0.0	0.0	0.1	5	-
	1-31	RTE 231	RTE 231	-	-	-	COMMERCIAL	2700.0	300.0	8	2	133.4	1.97	262.8	20000.0	2223.0	-	-	-	-	-	-	PAVEMENT ADJACENT TO SIDEWALK IN PARKING LOT INSTALL AS DIRECTED BY ENGINEER & 2,223 SQUARE YARDS TO BE INSTALLED AS PARKING PADS ADJACENT TO DRIVEWAYS OR OTHER USES AS DIRECTED BY ENGINEER
~~OPTIONAL LOCATION 1~~		DRIVEWAY PARKING PAD STA. 22+90.96 TO STA. 23+40.81						33.7	3.8	8	1	0.9	1.97	1.8	~~647.4~~ 635.1	~~72.0~~ 71.0	0.0	0.0	~~72.0~~ 71.0	0.0	0.2	64	~~OPTIONAL~~ DRIVEWAY MODIFICATIONS
~~OPTIONAL LOCATION 2~~		DRIVEWAY PARKING PAD STA. 23+40.81 TO STA. 23+91.91						34.4	3.9	8	1	0.9	1.97	1.8	~~646.0~~ 616.6	~~72.0~~ 69.0	0.0	0.0	~~72.0~~ 69.0	0.0	0.2	64	
~~OPTIONAL LOCATION 3~~		DRIVEWAY PARKING PAD STA. 23+91.91 TO STA. 24+42.29						35.8	4.0	8	1	0.9	1.97	1.8	~~649.7~~ 611.8	~~73.0~~ 68.0	0.0	0.0	~~73.0~~ 68.0	0.0	0.2	64	
~~OPTIONAL LOCATION 4~~		DRIVEWAY PARKING PAD STA. 24+42.29 TO STA. 24+94.23						29.2	3.3	8	1	0.8	1.97	1.6	~~568.4~~ 633.0	~~64.0~~ 71.0	0.0	0.0	~~64.0~~ 71.0	0.0	0.2	62	
~~OPTIONAL LOCATION 5~~		DRIVEWAY PARKING PAD STA. 20+98.00 TO STA. 21+41.04						~~30~~ 29.4	~~3.4~~ 3.3	8	1	0.8	1.97	1.6	~~651.5~~ 533.5	~~73.0~~ 60.0	0.0	0.0	~~73.0~~ 60.0	0.0	0.2	60	
		DRIVEWAY PARKING PAD STA. 21+41.04 TO STA. 22+90.96						30.3	3.4	8	1	0.8	1.97	1.6	605.3	68.0	0.0	0.0	68.0	0.0	0.2	60	
							TABLE 4 SUBTOTAL		~~433.6~~ 436.9	-	-	-	-	~~324.6~~ 326.2	-	~~3,428.0~~3,481.0	762.0	9.0	~~354.0~~407.0	80.0	~~4.6~~	~~371.0~~ 431.0	-
							TABLE 1 SUBTOTAL		135.2	-	-	-	-	63.2	-	1,518.0	825.0	25.0	253.0	415.0	8.5	388.0	
							TABLE 2 SUBTOTAL		104.0	-	-	-	-	48.8	-	1,463.0	919.0	33.0	130.0	381.0	8.0	80.0	
							TABLE 3 SUBTOTAL		145.3	-	-	-	-	68.0	-	1,360.0	931.0	12.0	305.0	112.0	5.9	54.0	
							TABLE 4 SUBTOTAL		~~433.6~~ 436.9	-	-	-	-	~~324.6~~ 326.2	-	~~3,428.0~~3,481.0	762.0	9.0	~~354.0~~407.0	80.0	~~4.6~~4.8	~~371.0~~ 431.0	
							TOTAL		~~818.1~~ 821.4	-	-	-	-	~~504.6~~ 506.2	-	~~7,769.0~~7,822.0	3,437.0	79.0	~~1,042.0~~1,095	988.0	~~27.0~~27.2	~~893.0~~ 953.0	
							PAY TOTAL		**SEE SHEET 34 OF 106**	-	-	-	-	**SEE SHEET 35 OF 106**	-	**SEE SHEET 34 OF 106**	**3,437**	**79**	**~~1,042~~ 1,095**	**988**	**27**	**SEE SHEET 48 OF 106**	

Revised

SUMMARY OF QUANTITIES
SHEET 52 OF 106

DATE	DESCRIPTION
09/08/25	QUANTITIES & PAY ITEM NAME REVISED

STATE OF MISSOURI — DENNIS J. KOSCIELSKI — NUMBER PE-2005000712 — PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/10/2025

ROUTE 231 | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. J6S3631
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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

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

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LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

SIDEWALK AND ADA RAMPS

SHEET NO.	SPECIAL CURB DESIGN SHEET NO.	FROM STATION	TO STATION	ROADWAY	CENTERLINE	LOCATION	LENGTH (FT)	SIDEWALK WIDTH (FT)	SUGGESTED ADA RAMP TYPE	APPROX. ADA RAMP AREA (SQ YD)	ESTIMATED TYPE A CURB FOR ADA RAMP (LF)	TRUNCATED DOMES (SQ FT)	MISC. {CONCRETE CURB RAMP} (EA)	CONCRETE SIDEWALK, 4 IN. (SQ YD)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQ YD)	TURF TYPE TALL FESCUE SODDING (SQ YD)	REMARKS
467	1 OF 32	13+73.51	13+95.65	RTE 231/TELEGRAPH	RTE 231	LT	22.20	5.00	-	-	-	-	-	12.40	13	41	-
467	1 OF 32	13+95.65	14+13.21	RTE 231/TELEGRAPH	RTE 231	LT	17.60	6.00	-	-	-	-	-	11.80	12		-
467	1 OF 32	13+73.62	13+96.58	RTE 231/TELEGRAPH	RTE 231	RT	23.00	6.00	-	-	-	-	-	15.40	16	154	TRANSITION SIDEWALK TO DRIVEWAY
467	1 OF 32	13+96.58	15+02.48	RTE 231/TELEGRAPH	RTE 231	RT	105.90	6.00	-	-	-	-	-	70.60	71		-
467	1 OF 32	14+13.21	14+28.95	RTE 231/TELEGRAPH	RTE 231	LT	15.80	6.00	-	-	-	-	-	10.60	11	21	TRANSITION SIDEWALK TO DRIVEWAY
467	1 OF 32	14+61.69	14+77.45	RTE 231/TELEGRAPH	RTE 231	LT	15.80	6.00	-	-	-	-	-	10.60	11	160	TRANSITION SIDEWALK TO DRIVEWAY
467	1 OF 32	14+77.45	15+92.74	RTE 231/TELEGRAPH	RTE 231	LT	115.30	6.00	-	-	-	-	-	76.90	77		-
467	1 OF 32	15+02.48	15+18.23	RTE 231/TELEGRAPH	RTE 231	RT	15.80	6.00	-	-	-	-	-	10.60	11	39	TRANSITION SIDEWALK TO DRIVEWAY
467	1 OF 32	15+52.41	15+68.15	RTE 231/TELEGRAPH	RTE 231	RT	15.80	6.00	-	-	-	-	-	10.60	11	58	TRANSITION SIDEWALK TO DRIVEWAY
467	1 OF 32	15+68.15	15+86.85	RTE 231/TELEGRAPH	RTE 231	RT	18.70	6.00	-	-	-	-	-	12.50	13		-
467	1 OF 32	15+86.85	16+00.84	RTE 231/TELEGRAPH	RTE 231	RT	14.00	6.00	-	-	-	-	-	9.40	10		TRANSITION SIDEWALK TO DRIVEWAY
467	1 OF 32	15+92.74	16+14.22	RTE 231/TELEGRAPH	RTE 231	LT	21.50	6.00	SMALL RADIUS PERPENDICULAR	14.80	22	12	1	-	15	-	AT FRANRU LN
467	1 OF 32	10+46.38	10+57.99	FRANRU	FRANRU	LT	11.70	5.00	-	-	-	-	-	6.50	7	-	-
467	1 OF 32	10+50.87	10+70.34	FRANRU	FRANRU	RT	19.50	5.00	-	-	-	-	-	10.90	11	-	-
467	1 OF 32	16+15.76	16+33.61	RTE 231/TELEGRAPH	RTE 231	RT	17.90	6.00	-	-	-	-	-	12.00	12	6	TRANSITION SIDEWALK TO DRIVEWAY
467	1 OF 32	16+33.61	16+61.95	RTE 231/TELEGRAPH	RTE 231	RT	28.40	6.00	-	-	-	-	-	19.00	19		-
467	1 OF 32	16+49.10	16+74.00	RTE 231/TELEGRAPH	RTE 231	LT	25.00	6.00	SMALL RADIUS PERPENDICULAR	14.60	25	21	1	-	17	10	AT FRANRU LN
467	1 OF 32	16+61.95	16+74.93	RTE 231/TELEGRAPH	RTE 231	RT	13.00	6.00	-	-	-	-	-	8.70	9	3	TRANSITION SIDEWALK TO DRIVEWAY
467	1 OF 32	16+74.00	17+68.07	RTE 231/TELEGRAPH	RTE 231	LT	94.10	6.00	-	-	-	-	-	62.80	63	29	-
467	1 OF 32	16+85.95	16+98.92	RTE 231/TELEGRAPH	RTE 231	RT	13.00	6.00	-	-	-	-	-	8.70	9	7	TRANSITION SIDEWALK TO DRIVEWAY
467	1 OF 32	16+98.92	17+14.83	RTE 231/TELEGRAPH	RTE 231	RT	16.00	6.00	-	-	-	-	-	10.70	11		-
467	1 OF 32	17+14.83	17+27.80	RTE 231/TELEGRAPH	RTE 231	RT	13.00	6.00	-	-	-	-	-	8.70	9		TRANSITION SIDEWALK TO DRIVEWAY
467	1 OF 32	17+38.27	17+53.46	RTE 231/TELEGRAPH	RTE 231	RT	15.20	6.00	-	-	-	-	-	10.20	11	9	TRANSITION SIDEWALK TO DRIVEWAY
467	1 OF 32	17+53.46	17+65.97	RTE 231/TELEGRAPH	RTE 231	RT	12.60	6.00	-	-	-	-	-	8.40	9		-
468	2 OF 32	17+65.97	17+81.45	RTE 231/TELEGRAPH	RTE 231	RT	15.50	6.00	-	-	-	-	-	10.40	11		TRANSITION SIDEWALK TO DRIVEWAY
468	2 OF 32	17+68.07	17+89.49	RTE 231/TELEGRAPH	RTE 231	LT	21.50	6.00	LARGE RADIUS PERPENDICULAR	10.90	25	25	1	-	15	5	TRANSITION SIDEWALK TO DRIVEWAY
468	2 OF 32	17+81.45	17+88.00	RTE 231/TELEGRAPH	RTE 231	RT	6.60	6.00	-	-	-	-	-	4.40	5	44	-
468	2 OF 32	17+88.00	18+07.59	RTE 231/TELEGRAPH	RTE 231	RT	19.60	6.00	LARGE RADIUS PERPENDICULAR	11.50	20	21	1	-	14		AT SYLVANWOOD TERRRACE
468	2 OF 32	18+37.69	18+61.76	RTE 231/TELEGRAPH	RTE 231	RT	24.10	6.00	LARGE RADIUS PERPENDICULAR	13.20	25	28	1	-	17	17	AT SYLVANWOOD TERRRACE
468	2 OF 32	18+50.96	18+67.90	RTE 231/TELEGRAPH	RTE 231	LT	17.00	6.00	LARGE RADIUS PERPENDICULAR	9.20	17	17.40	1	-	12	13	TRANSITION SIDEWALK TO DRIVEWAY
468	2 OF 32	18+61.76	19+34.30	RTE 231/TELEGRAPH	RTE 231	RT	72.60	6.00	-	-	-	-	-	48.40	49	17	-
468	2 OF 32	18+67.90	20+08.51	RTE 231/TELEGRAPH	RTE 231	LT	140.70	6.00	-	-	-	-	-	93.80	94	26	-
468	2 OF 32	19+34.30	19+50.66	RTE 231/TELEGRAPH	RTE 231	RT	16.40	6.00	-	-	-	-	-	11.00	11	17	TRANSITION SIDEWALK TO DRIVEWAY
468	2 OF 32	19+81.88	19+96.76	RTE 231/TELEGRAPH	RTE 231	RT	14.90	6.00	-	-	-	-	-	10.00	10	22	TRANSITION SIDEWALK TO DRIVEWAY
468	2 OF 32	19+96.76	20+08.51	RTE 231/TELEGRAPH	RTE 231	RT	11.80	6.00	-	-	-	-	-	7.90	8		-
468	2 OF 32	20+08.51	20+33.51	RTE 231/TELEGRAPH	RTE 231	RT	25.00	6.00	TYPE 3 PARALLEL	16.70	25	18	1	-	17	22	-
468	2 OF 32	20+08.51	20+33.51	RTE 231/TELEGRAPH	RTE 231	LT	25.00	6.00	TYPE 3 PARALLEL	16.70	25	18	1	-	17	13	-
468	2 OF 32	20+16.51	20+25.51	RTE 231/TELEGRAPH	RTE 231	CENTER	9.00	8.00	ISLAND CUT THROUGH	8.00	9	36	1	-	8	-	CONCRETE MEDIAN ISLAND
468	2 OF 32	20+33.51	20+78.57	RTE 231/TELEGRAPH	RTE 231	RT	45.10	6.00	-	-	-	-	-	30.10	31	22	-
468	2 OF 32	20+33.51	20+41.72	RTE 231/TELEGRAPH	RTE 231	LT	8.30	6.00	-	-	-	-	-	5.60	6	13	-
468	2 OF 32	20+41.72	20+58.89	RTE 231/TELEGRAPH	RTE 231	LT	17.20	6.00	-	-	-	-	-	11.50	12		TRANSITION SIDEWALK TO DRIVEWAY
468	2 OF 32	20+75.27	20+92.46	RTE 231/TELEGRAPH	RTE 231	LT	17.20	6.00	-	-	-	-	-	11.50	12	26	TRANSITION SIDEWALK TO DRIVEWAY
468	2 OF 32	20+78.57	21+00.02	RTE 231/TELEGRAPH	RTE 231	RT	21.50	6.00	LARGE RADIUS PERPENDICULAR	12.00	22	24	1	-	15	22	AT SYLVIA DR
468	2 OF 32	20+92.46	21+34.59	RTE 231/TELEGRAPH	RTE 231	LT	42.20	6.00	-	-	-	-	-	28.20	29	26	-
468	2 OF 32	21+27.11	21+42.66	RTE 231/TELEGRAPH	RTE 231	RT	15.60	6.00	LARGE RADIUS PERPENDICULAR	8.80	16	20	1	-	11	69	AT SYLVIA DR
									TABLE 1 SUBTOTALS		231	241	11	690.80	862	907	-

2 Revised

SUMMARY OF QUANTITIES
SHEET 53 OF 106

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/5/2025

ROUTE	STATE
231	MO
DISTRICT	SHEET NO.
SL	3

COUNTY ST. LOUIS
JOB NO. J6S3631
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION
09/08/25	2 SODDING QUANTITY REVISED

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

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

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SIDEWALK AND ADA RAMPS (CONT.)

SHEET NO.	SPECIAL CURB DESIGN SHEET NO.	FROM STATION	TO STATION	ROADWAY	CENTERLINE	LOCATION	LENGTH (FT)	SIDEWALK WIDTH (FT)	SUGGESTED ADA RAMP TYPE	APPROX. ADA RAMP AREA (SQ YD)	ESTIMATED TYPE A CURB FOR ADA RAMP (LF)	TRUNCATED DOMES (SQ FT)	MISC. {CONCRETE CURB RAMP} (EA)	CONCRETE SIDEWALK, 4 IN. (SQ YD)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQ YD)	TURF TYPE TALL FESCUE SODDING (SQ YD)	REMARKS
468	2 OF 32	21+34.59	21+49.47	RTE 231/TELEGRAPH	RTE 231	LT	14.90	6.00	-	-	-	-	-	10.00	10	26	TRANSITION SIDEWALK TO DRIVEWAY
468	2 OF 32	21+42.66	21+57.36	RTE 231/TELEGRAPH	RTE 231	RT	14.80	6.00	-	-	-	-	-	9.90	10	-	TRANSITION SIDEWALK TO DRIVEWAY
468	2 OF 32	21+57.36	22+12.38	RTE 231/TELEGRAPH	RTE 231	RT	55.10	6.00	-	-	-	-	-	36.80	37	19	-
468	2 OF 32	21+61.37	21+81.16	RTE 231/TELEGRAPH	RTE 231	LT	19.80	6.00	-	-	-	-	-	13.20	14	3	-
468	2 OF 32	21+99.29	22+16.90	RTE 231/TELEGRAPH	RTE 231	LT	17.70	6.00	-	-	-	-	-	11.80	12	9	TRANSITION SIDEWALK TO DRIVEWAY
468	2 OF 32	22+03.81	22+07.81	RTE 231/TELEGRAPH	RTE 231	RT	28.40	4.00	-	-	-	-	-	12.70	13	38	-
468	2 OF 32	22+12.38	22+28.74	RTE 231/TELEGRAPH	RTE 231	RT	16.40	6.00	-	-	-	-	-	11.00	11		TRANSITION SIDEWALK TO DRIVEWAY
468	2 OF 32	22+16.90	23+42.85	RTE 231/TELEGRAPH	RTE 231	LT	126.00	6.00	-	-	-	-	-	84.00	84	4	-
468	2 OF 32	22+42.04	22+50.39	RTE 231/TELEGRAPH	RTE 231	RT	8.40	6.00	-	-	-	-	-	5.60	6	43	TRANSITION SIDEWALK TO DRIVEWAY
468	2 OF 32	22+50.39	22+70.05	RTE 231/TELEGRAPH	RTE 231	RT	19.70	6.00	-	-	-	-	-	13.20	14		-
468	2 OF 32	22+50.05	22+54.05	RTE 231/TELEGRAPH	RTE 231	RT	32.00	4.00	-	-	-	-	-	14.30	15	-	-
468	2 OF 32	22+70.05	22+78.40	RTE 231/TELEGRAPH	RTE 231	RT	8.40	6.00	-	-	-	-	-	5.60	6	7	TRANSITION SIDEWALK TO DRIVEWAY
469	3 OF 32	22+91.69	23+00.05	RTE 231/TELEGRAPH	RTE 231	RT	28.40	6.00	-	-	-	-	-	19.00	19	66	TRANSITION SIDEWALK TO DRIVEWAY
469	3 OF 32	23+00.05	23+20.22	RTE 231/TELEGRAPH	RTE 231	RT	20.20	6.00	-	-	-	-	-	13.50	14		-
469	3 OF 32	23+00.05	23+04.05	RTE 231/TELEGRAPH	RTE 231	RT	33.20	4.00	-	-	-	-	-	14.80	15		-
469	3 OF 32	23+20.22	23+28.57	RTE 231/TELEGRAPH	RTE 231	RT	8.40	6.00	-	-	-	-	-	5.60	6		TRANSITION SIDEWALK TO DRIVEWAY
469	3 OF 32	23+41.86	23+58.22	RTE 231/TELEGRAPH	RTE 231	RT	16.40	6.00	-	-	-	-	-	11.00	11	21	TRANSITION SIDEWALK TO DRIVEWAY
469	3 OF 32	23+42.85	23+59.20	RTE 231/TELEGRAPH	RTE 231	LT	16.40	6.00	-	-	-	-	-	11.00	11	4	TRANSITION SIDEWALK TO DRIVEWAY
469	3 OF 32	23+52.09	23+56.09	RTE 231/TELEGRAPH	RTE 231	RT	24.60	4.00	-	-	-	-	-	11.00	11	-	-
469	3 OF 32	23+58.22	23+64.74	RTE 231/TELEGRAPH	RTE 231	RT	6.60	6.00	-	-	-	-	-	4.40	5	64	-
469	3 OF 32	23+64.74	23+81.09	RTE 231/TELEGRAPH	RTE 231	RT	16.40	6.00	-	-	-	-	-	11.00	11		TRANSITION SIDEWALK TO DRIVEWAY
469	3 OF 32	23+92.91	24+09.99	RTE 231/TELEGRAPH	RTE 231	RT	17.10	6.00	-	-	-	-	-	11.40	12		TRANSITION SIDEWALK TO DRIVEWAY
469	3 OF 32	23+96.17	24+12.52	RTE 231/TELEGRAPH	RTE 231	LT	16.40	6.00	-	-	-	-	-	11.00	11	4	TRANSITION SIDEWALK TO DRIVEWAY
469	3 OF 32	24+09.99	24+13.98	RTE 231/TELEGRAPH	RTE 231	RT	4.00	6.00	-	-	-	-	-	2.70	3	21	-
469	3 OF 32	24+12.52	24+50.85	RTE 231/TELEGRAPH	RTE 231	LT	38.40	6.00	-	-	-	-	-	25.60	26	4	-
469	3 OF 32	24+13.98	24+30.33	RTE 231/TELEGRAPH	RTE 231	RT	16.40	6.00	-	-	-	-	-	11.00	11	21	TRANSITION SIDEWALK TO DRIVEWAY
469	3 OF 32	24+42.93	24+59.98	RTE 231/TELEGRAPH	RTE 231	RT	17.10	6.00	-	-	-	-	-	11.40	12	6	TRANSITION SIDEWALK TO DRIVEWAY
469	3 OF 32	24+50.85	24+65.72	RTE 231/TELEGRAPH	RTE 231	LT	14.90	6.00	-	-	-	-	-	10.00	10	4	TRANSITION SIDEWALK TO DRIVEWAY
469	3 OF 32	24+59.98	24+64.42	RTE 231/TELEGRAPH	RTE 231	RT	4.50	6.00	-	-	-	-	-	3.00	3	34	-
469	3 OF 32	24+64.42	24+80.77	RTE 231/TELEGRAPH	RTE 231	RT	16.40	6.00	-	-	-	-	-	11.00	11		TRANSITION SIDEWALK TO DRIVEWAY
469	3 OF 32	24+93.04	25+06.85	RTE 231/TELEGRAPH	RTE 231	LT	13.90	6.00	-	-	-	-	-	9.30	10	7	TRANSITION SIDEWALK TO DRIVEWAY
469	3 OF 32	24+94.39	25+10.75	RTE 231/TELEGRAPH	RTE 231	RT	16.40	6.00	-	-	-	-	-	11.00	11	17	TRANSITION SIDEWALK TO DRIVEWAY
469	3 OF 32	25+06.85	25+84.34	RTE 231/TELEGRAPH	RTE 231	LT	77.50	6.00	-	-	-	-	-	51.70	52	7	-
469	3 OF 32	25+10.75	25+17.01	RTE 231/TELEGRAPH	RTE 231	RT	6.30	6.00	-	-	-	-	-	4.20	5	34	-
469	3 OF 32	25+17.01	25+31.55	RTE 231/TELEGRAPH	RTE 231	RT	14.60	6.00	-	-	-	-	-	9.80	10		TRANSITION SIDEWALK TO DRIVEWAY
469	3 OF 32	25+48.29	25+62.83	RTE 231/TELEGRAPH	RTE 231	RT	14.60	6.00	-	-	-	-	-	9.80	10	8	TRANSITION SIDEWALK TO DRIVEWAY
469	3 OF 32	25+62.83	25+75.88	RTE 231/TELEGRAPH	RTE 231	RT	13.10	6.00	-	-	-	-	-	8.80	9		-
469	3 OF 32	25+75.88	25+90.27	RTE 231/TELEGRAPH	RTE 231	RT	14.40	6.00	-	-	-	-	-	9.60	10	-	TRANSITION SIDEWALK TO DRIVEWAY
469	3 OF 32	25+84.34	25+98.34	RTE 231/TELEGRAPH	RTE 231	LT	14.00	6.00	-	-	-	-	-	9.40	10	7	TRANSITION SIDEWALK TO DRIVEWAY
469	3 OF 32	25+90.27	26+00.96	RTE 231/TELEGRAPH	RTE 231	RT	10.70	6.00	SMALL RADIUS PERPENDICULAR	5.20	11	10	1	-	8	57	AT WILLETTE TERRACE
469	3 OF 32	26+28.84	26+50.58	RTE 231/TELEGRAPH	RTE 231	RT	21.80	6.00	LARGE RADIUS PERPENDICULAR	12.20	22	24	1	-	15	35	AT WILLETTE TERRACE
469	3 OF 32	26+30.09	26+44.05	RTE 231/TELEGRAPH	RTE 231	LT	14.00	6.00	-	-	-	-	-	9.40	10	46	TRANSITION SIDEWALK TO DRIVEWAY
469	3 OF 32	26+44.05	27+76.09	RTE 231/TELEGRAPH	RTE 231	LT	132.10	6.00	-	-	-	-	-	88.10	89		-
469	3 OF 32	26+50.58	26+77.31	RTE 231/TELEGRAPH	RTE 231	RT	26.80	6.00	-	-	-	-	-	17.90	18	70	-
469	3 OF 32	26+77.31	26+93.66	RTE 231/TELEGRAPH	RTE 231	RT	16.40	6.00	-	-	-	-	-	11.00	11		TRANSITION SIDEWALK TO DRIVEWAY
									TABLE 2 SUBTOTALS		33	34	2	676.50	712	687	-

2 Revised

SUMMARY OF QUANTITIES
SHEET 54 OF 106

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/5/2025

ROUTE	STATE
231	MO
DISTRICT	SHEET NO.
SL	3

COUNTY ST. LOUIS

JOB NO. J6S3631

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
09/08/25	2 SODDING QUANTITY REVISED

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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314.770.0467

SIDEWALK AND ADA RAMPS (CONT.)

SHEET NO.	SPECIAL CURB DESIGN SHEET NO.	FROM STATION	TO STATION	ROADWAY	CENTERLINE	LOCATION	LENGTH (FT)	SIDEWALK WIDTH (FT)	SUGGESTED ADA RAMP TYPE	APPROX. ADA RAMP AREA (SQ YD)	ESTIMATED TYPE A CURB FOR ADA RAMP (LF)	TRUNCATED DOMES (SQ FT)	MISC. {CONCRETE CURB RAMP} (EA)	CONCRETE SIDEWALK, 4 IN. (SQ YD)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQ YD)	TURF TYPE TALL FESCUE SODDING (SQ YD)	REMARKS
469	3 OF 32	27+06.96	27+23.31	RTE 231/TELEGRAPH	RTE 231	RT	16.40	6.00	-	-	-	-	-	11.00	11	69	TRANSITION SIDEWALK TO DRIVEWAY
469	3 OF 32	27+23.31	27+34.23	RTE 231/TELEGRAPH	RTE 231	RT	11.00	6.00	-	-	-	-	-	7.40	8		-
469	3 OF 32	27+34.23	27+48.77	RTE 231/TELEGRAPH	RTE 231	RT	14.60	6.00	-	-	-	-	-	9.80	10		TRANSITION SIDEWALK TO DRIVEWAY
469	3 OF 32	27+67.09	27+88.51	RTE 231/TELEGRAPH	RTE 231	LT	21.50	6.00	-	-	-	-	-	14.40	15	23	TRANSITION SIDEWALK TO DRIVEWAY
469	3 OF 32	27+71.24	27+85.78	RTE 231/TELEGRAPH	RTE 231	RT	14.60	6.00	-	-	-	-	-	9.80	10	6	TRANSITION SIDEWALK TO DRIVEWAY
469	3 OF 32	27+85.78	28+52.91	RTE 231/TELEGRAPH	RTE 231	RT	67.20	6.00	-	-	-	-	-	44.80	45	5	-
470	4 OF 32	28+21.70	28+34.99	RTE 231/TELEGRAPH	RTE 231	LT	13.30	6.00	-	-	-	-	-	8.90	9	8	TRANSITION SIDEWALK TO DRIVEWAY
470	4 OF 32	28+34.99	29+27.88	RTE 231/TELEGRAPH	RTE 231	LT	92.90	6.00	-	-	-	-	-	62.00	62		-
470	4 OF 32	28+52.91	28+74.36	RTE 231/TELEGRAPH	RTE 231	RT	21.50	6.00	LARGE RADIUS PERPENDICULAR	12.00	22	24	1	-	15	5	AT BRILLIANT LN
470	4 OF 32	29+10.10	29+33.08	RTE 231/TELEGRAPH	RTE 231	RT	23.00	6.00	LARGE RADIUS PERPENDICULAR	12.50	23	26	1	-	16	7	AT BRILLIANT LN
470	4 OF 32	29+27.88	29+45.60	RTE 231/TELEGRAPH	RTE 231	LT	17.80	6.00	-	-	-	-	-	11.90	12	4	TRANSITION SIDEWALK TO DRIVEWAY
470	4 OF 32	29+33.08	29+58.72	RTE 231/TELEGRAPH	RTE 231	RT	25.70	6.00	-	-	-	-	-	17.20	18	14	-
470	4 OF 32	29+58.72	29+72.51	RTE 231/TELEGRAPH	RTE 231	RT	13.80	6.00	-	-	-	-	-	9.20	10		TRANSITION SIDEWALK TO DRIVEWAY
470	4 OF 32	29+84.66	30+01.22	RTE 231/TELEGRAPH	RTE 231	RT	16.60	6.00	-	-	-	-	-	11.10	12	4	TRANSITION SIDEWALK TO DRIVEWAY
470	4 OF 32	29+88.29	30+07.98	RTE 231/TELEGRAPH	RTE 231	LT	19.70	6.00	-	-	-	-	-	13.20	14	14	TRANSITION SIDEWALK TO DRIVEWAY
470	4 OF 32	29+92.22	30+03.97	RTE 231/TELEGRAPH	RTE 231	LT	11.80	6.00	-	-	-	-	-	7.90	8		-
470	4 OF 32	30+01.22	30+24.89	RTE 231/TELEGRAPH	RTE 231	RT	23.70	6.00	-	-	-	-	-	15.80	16	4	-
470	4 OF 32	30+07.98	30+79.99	RTE 231/TELEGRAPH	RTE 231	LT	72.10	6.00	-	-	-	-	-	48.10	49	21	-
470	4 OF 32	30+24.89	30+41.70	RTE 231/TELEGRAPH	RTE 231	RT	16.90	6.00	-	-	-	-	-	11.30	12	4	TRANSITION SIDEWALK TO DRIVEWAY
470	4 OF 32	30+67.75	30+84.61	RTE 231/TELEGRAPH	RTE 231	RT	16.90	6.00	-	-	-	-	-	11.30	12	7	-
470	4 OF 32	30+79.99	30+97.39	RTE 231/TELEGRAPH	RTE 231	LT	17.50	6.00	-	-	-	-	-	11.70	12	21	TRANSITION SIDEWALK TO DRIVEWAY
470	4 OF 32	31+08.49	31+25.47	RTE 231/TELEGRAPH	RTE 231	RT	17.00	6.00	-	-	-	-	-	11.40	12	9	TRANSITION SIDEWALK TO DRIVEWAY
470	4 OF 32	31+25.47	31+87.55	RTE 231/TELEGRAPH	RTE 231	RT	62.10	6.00	-	-	-	-	-	41.40	42		-
470	4 OF 32	31+39.90	31+56.29	RTE 231/TELEGRAPH	RTE 231	LT	16.40	6.00	-	-	-	-	-	11.00	11	71	TRANSITION SIDEWALK TO DRIVEWAY
470	4 OF 32	31+56.29	34+82.80	RTE 231/TELEGRAPH	RTE 231	LT	326.60	6.00	-	-	-	-	-	217.80	218		-
470	4 OF 32	31+87.55	32+04.55	RTE 231/TELEGRAPH	RTE 231	RT	17.00	6.00	-	-	-	-	-	11.40	12	5	TRANSITION SIDEWALK TO DRIVEWAY
470	4 OF 32	32+30.46	32+46.94	RTE 231/TELEGRAPH	RTE 231	RT	16.50	6.00	-	-	-	-	-	11.00	11	14	TRANSITION SIDEWALK TO DRIVEWAY
470	4 OF 32	32+46.94	32+65.13	RTE 231/TELEGRAPH	RTE 231	RT	18.20	6.00	-	-	-	-	-	12.20	13		-
470	4 OF 32	32+65.13	32+80.73	RTE 231/TELEGRAPH	RTE 231	RT	15.60	6.00	-	-	-	-	-	10.40	11		TRANSITION SIDEWALK TO DRIVEWAY
471	5 OF 32	33+04.71	33+21.04	RTE 231/TELEGRAPH	RTE 231	RT	16.40	6.00	-	-	-	-	-	11.00	11	9	TRANSITION SIDEWALK TO DRIVEWAY
471	5 OF 32	33+21.04	33+35.68	RTE 231/TELEGRAPH	RTE 231	RT	14.70	6.00	-	-	-	-	-	9.80	10		-
471	5 OF 32	33+35.68	33+52.48	RTE 231/TELEGRAPH	RTE 231	RT	16.90	6.00	-	-	-	-	-	11.30	12		TRANSITION SIDEWALK TO DRIVEWAY
471	5 OF 32	34+35.27	34+49.27	RTE 231/TELEGRAPH	RTE 231	RT	14.00	6.00	-	-	-	-	-	9.40	10	5	TRANSITION SIDEWALK TO DRIVEWAY
471	5 OF 32	34+49.27	34+86.84	RTE 231/TELEGRAPH	RTE 231	RT	37.60	6.00	-	-	-	-	-	25.10	26		-
471	5 OF 32	34+82.80	34+95.77	RTE 231/TELEGRAPH	RTE 231	LT	13.00	6.00	-	-	-	-	-	8.70	9	24	TRANSITION SIDEWALK TO DRIVEWAY
471	5 OF 32	34+86.84	34+99.81	RTE 231/TELEGRAPH	RTE 231	RT	13.00	6.00	-	-	-	-	-	8.70	9	3	TRANSITION SIDEWALK TO DRIVEWAY
471	5 OF 32	35+38.23	35+52.04	RTE 231/TELEGRAPH	RTE 231	RT	13.90	6.00	-	-	-	-	-	9.30	10	3	TRANSITION SIDEWALK TO DRIVEWAY
471	5 OF 32	35+49.37	35+60.56	RTE 231/TELEGRAPH	RTE 231	LT	11.20	6.00	-	-	-	-	-	7.50	8	4	-
471	5 OF 32	35+52.04	35+77.50	RTE 231/TELEGRAPH	RTE 231	RT	25.50	6.00	-	-	-	-	-	17.00	17	3	-
471	5 OF 32	35+75.41	35+76.62	RTE 231/TELEGRAPH	RTE 231	LT	1.30	6.00	-	-	-	-	-	0.90	1	-	-
471	5 OF 32	35+77.50	35+92.13	RTE 231/TELEGRAPH	RTE 231	RT	14.70	6.00	-	-	-	-	-	9.80	10	3	TRANSITION SIDEWALK TO DRIVEWAY
471	5 OF 32	36+04.66	36+15.68	RTE 231/TELEGRAPH	RTE 231	LT	11.10	6.00	-	-	-	-	-	7.40	8	12	TRANSITION SIDEWALK TO DRIVEWAY
471	5 OF 32	36+22.39	36+36.05	RTE 231/TELEGRAPH	RTE 231	RT	13.70	6.00	-	-	-	-	-	9.20	10	58	TRANSITION SIDEWALK TO DRIVEWAY
471	5 OF 32	36+36.05	37+27.23	RTE 231/TELEGRAPH	RTE 231	RT	91.20	6.00	-	-	-	-	-	60.80	61		-
471	5 OF 32	36+45.67	36+55.42	RTE 231/TELEGRAPH	RTE 231	LT	9.80	6.00	-	-	-	-	-	6.60	7	24	TRANSITION SIDEWALK TO DRIVEWAY
									TABLE 3 SUBTOTALS		45	50	2	875.90	925	462	-

2 Revised

SUMMARY OF QUANTITIES
SHEET 55 OF 106

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/5/2025

ROUTE	STATE
231	MO
DISTRICT	SHEET NO.
SL	3

COUNTY ST. LOUIS
JOB NO. J6S3631
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION
09/08/25	2 SODDING QUANTITY REVISED

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

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

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LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

SIDEWALK AND ADA RAMPS (CONT.)

SHEET NO.	SPECIAL CURB DESIGN SHEET NO.	FROM STATION	TO STATION	ROADWAY	CENTERLINE	LOCATION	LENGTH (FT)	SIDEWALK WIDTH (FT)	SUGGESTED ADA RAMP TYPE	APPROX. ADA RAMP AREA (SQ YD)	ESTIMATED TYPE A CURB FOR ADA RAMP (LF)	TRUNCATED DOMES (SQ FT)	MISC. {CONCRETE CURB RAMP} (EA)	CONCRETE SIDEWALK, 4 IN. (SQ YD)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQ YD)	TURF TYPE TALL FESCUE SODDING (SQ YD)	REMARKS
471	5 OF 32	36+55.42	37+42.28	RTE 231/TELEGRAPH	RTE 231	LT	86.90	6.00	-	-	-	-	-	58.00	58	24	-
471	5 OF 32	37+27.23	37+43.06	RTE 231/TELEGRAPH	RTE 231	RT	15.90	6.00	-	-	-	-	-	10.60	11	29	TRANSITION SIDEWALK TO DRIVEWAY
472	6 OF 32	37+42.28	37+52.11	RTE 231/TELEGRAPH	RTE 231	LT	9.90	6.00	-	-	-	-	-	6.60	7	27	TRANSITION SIDEWALK TO DRIVEWAY
472	6 OF 32	37+95.79	38+03.84	RTE 231/TELEGRAPH	RTE 231	LT	8.10	6.00	-	-	-	-	-	5.40	6	2	TRANSITION SIDEWALK TO DRIVEWAY
472	6 OF 32	38+00.33	38+16.23	RTE 231/TELEGRAPH	RTE 231	RT	16.00	6.00	-	-	-	-	-	10.70	11	44	TRANSITION SIDEWALK TO DRIVEWAY
472	6 OF 32	38+03.84	38+32.85	RTE 231/TELEGRAPH	RTE 231	LT	29.10	6.00	-	-	-	-	-	19.40	20	10	-
472	6 OF 32	38+16.23	39+87.22	RTE 231/TELEGRAPH	RTE 231	RT	171.00	6.00	-	-	-	-	-	114.00	114	44	-
472	6 OF 32	38+32.85	38+44.21	RTE 231/TELEGRAPH	RTE 231	LT	11.40	6.00	-	-	-	-	-	7.60	8	10	TRANSITION SIDEWALK TO DRIVEWAY
472	6 OF 32	38+95.58	39+07.62	RTE 231/TELEGRAPH	RTE 231	LT	12.10	6.00	-	-	-	-	-	8.10	9	107	TRANSITION SIDEWALK TO DRIVEWAY
472	6 OF 32	39+07.62	39+82.22	RTE 231/TELEGRAPH	RTE 231	LT	74.60	6.00	-	-	-	-	-	49.80	50		-
472	6 OF 32	39+82.22	40+05.28	RTE 231/TELEGRAPH	RTE 231	LT	23.10	6.00	DUAL PERPENDICULAR	16.00	24	24	1	-	16		AT JEFFERSONIAN DR
472	6 OF 32	39+82.22	40+05.28	RTE 231/TELEGRAPH	RTE 231	LT	23.10	6.00	DUAL PERPENDICULAR	16.00	24	24	1	-	16		AT JEFFERSONIAN DR
472	6 OF 32	39+77.22	40+20.95	RTE 231/TELEGRAPH	RTE 231	RT	43.80	6.00	DUAL PERPENDICULAR	65.10	44	20	1	-	30	89	AT JEFFERSON BARRACKS RD
472	6 OF 32	39+77.22	40+20.95	RTE 231/TELEGRAPH	RTE 231	RT	43.80	6.00	DUAL PERPENDICULAR	65.10	44	20	1	-	30		AT JEFFERSON BARRACKS RD
472	6 OF 32	40+10.88	40+24.08	RTE 231/TELEGRAPH	RTE 231	RT	13.20	22.50	-	-	-	-	-	33.00	33	-	-
472	6 OF 32	40+42.93	40+53.99	RTE 231/TELEGRAPH	RTE 231	LT	11.10	6.00	TYPE 1 PARALLEL	16.70	12	14	1	-	8	15	AT JEFFERSONIAN DR
472	6 OF 32	40+53.99	40+69.43	RTE 231/TELEGRAPH	RTE 231	LT	15.50	6.00	-	-	-	-	-	10.40	11	15	-
472	6 OF 32	40+66.99	40+91.56	RTE 231/TELEGRAPH	RTE 231	RT	24.60	6.00	DUAL PERPENDICULAR	32.40	25	24	1	-	17	15	AT JEFFERSON BARRACKS RD
472	6 OF 32	40+66.99	40+91.56	RTE 231/TELEGRAPH	RTE 231	RT	24.60	6.00	DUAL PERPENDICULAR	32.40	25	24	1	-	17		AT JEFFERSON BARRACKS RD
472	6 OF 32	40+69.43	40+84.43	RTE 231/TELEGRAPH	RTE 231	LT	15.00	6.00	TYPE 3 PARALLEL	17.40	15	10	1	-	10	-	AT JEFFERSONIAN DR
472	6 OF 32	40+84.43	41+99.04	RTE 231/TELEGRAPH	RTE 231	LT	114.70	6.00	-	-	-	-	-	76.50	77	15	-
472	6 OF 32	40+91.56	41+07.18	RTE 231/TELEGRAPH	RTE 231	RT	15.70	6.00	-	-	-	-	-	10.50	11	15	-
472	6 OF 32	41+07.18	41+13.81	RTE 231/TELEGRAPH	RTE 231	RT	6.70	6.00	-	-	-	-	-	4.50	5		TRANSITION SIDEWALK TO DRIVEWAY
472	6 OF 32	41+45.88	41+61.45	RTE 231/TELEGRAPH	RTE 231	RT	15.60	6.00	-	-	-	-	-	10.40	11	14	TRANSITION SIDEWALK TO DRIVEWAY
472	6 OF 32	41+61.45	41+77.02	RTE 231/TELEGRAPH	RTE 231	RT	15.60	6.00	-	-	-	-	-	10.40	11		TRANSITION SIDEWALK TO DRIVEWAY
472	6 OF 32	42+09.17	42+14.07	RTE 231/TELEGRAPH	RTE 231	RT	4.90	6.00	-	-	-	-	-	3.30	4	2	TRANSITION SIDEWALK TO DRIVEWAY
472	6 OF 32	42+14.07	42+28.25	RTE 231/TELEGRAPH	RTE 231	RT	14.20	6.00	-	-	-	-	-	9.50	10	-	-
472	6 OF 32	42+28.25	42+33.23	RTE 231/TELEGRAPH	RTE 231	RT	5.00	6.00	-	-	-	-	-	3.40	4	-	TRANSITION SIDEWALK TO DRIVEWAY
472	6 OF 32	42+40.46	43+66.01	RTE 231/TELEGRAPH	RTE 231	LT	125.60	6.00	-	-	-	-	-	83.80	84	-	-
472	6 OF 32	42+59.52	42+72.49	RTE 231/TELEGRAPH	RTE 231	RT	13.00	6.00	-	-	-	-	-	8.70	9	-	TRANSITION SIDEWALK TO DRIVEWAY
472	6 OF 32	42+72.49	44+07.33	RTE 231/TELEGRAPH	RTE 231	RT	134.90	6.00	-	-	-	-	-	90.00	90	-	-
473	7 OF 32	43+66.01	43+81.20	RTE 231/TELEGRAPH	RTE 231	LT	15.20	6.00	-	-	-	-	-	10.20	11	28	TRANSITION SIDEWALK TO DRIVEWAY
473	7 OF 32	44+07.33	44+22.52	RTE 231/TELEGRAPH	RTE 231	RT	15.20	6.00	-	-	-	-	-	10.20	11	-	TRANSITION SIDEWALK TO DRIVEWAY
473	7 OF 32	44+28.25	44+35.44	RTE 231/TELEGRAPH	RTE 231	LT	7.20	6.00	-	-	-	-	-	4.80	5	25	TRANSITION SIDEWALK TO DRIVEWAY
473	7 OF 32	44+35.44	44+60.36	RTE 231/TELEGRAPH	RTE 231	LT	25.00	6.00	-	-	-	-	-	16.70	17		-
473	7 OF 32	44+41.89	44+49.09	RTE 231/TELEGRAPH	RTE 231	RT	7.20	6.00	-	-	-	-	-	4.80	5	-	TRANSITION SIDEWALK TO DRIVEWAY
473	7 OF 32	44+49.09	44+65.39	RTE 231/TELEGRAPH	RTE 231	RT	16.40	6.00	-	-	-	-	-	11.00	11	-	-
473	7 OF 32	44+60.36	44+71.07	RTE 231/TELEGRAPH	RTE 231	LT	10.80	6.00	-	-	-	-	-	7.20	8	12	TRANSITION SIDEWALK TO DRIVEWAY
473	7 OF 32	44+65.39	44+83.22	RTE 231/TELEGRAPH	RTE 231	RT	17.90	6.00	LARGE RADIUS PERPENDICULAR	8.10	18	35	1	-	12	-	AT BETTY JEAN LN
473	7 OF 32	44+87.52	44+92.75	RTE 231/TELEGRAPH	RTE 231	LT	5.30	6.00	-	-	-	-	-	3.60	4	-	TRANSITION SIDEWALK TO DRIVEWAY
473	7 OF 32	44+92.75	45+12.67	RTE 231/TELEGRAPH	RTE 231	LT	20.00	6.00	-	-	-	-	-	13.40	14	-	-
473	7 OF 32	45+12.67	45+17.90	RTE 231/TELEGRAPH	RTE 231	LT	5.30	6.00	-	-	-	-	-	3.60	4	-	TRANSITION SIDEWALK TO DRIVEWAY
473	7 OF 32	45+32.58	45+37.81	RTE 231/TELEGRAPH	RTE 231	LT	5.30	6.00	-	-	-	-	-	3.60	4	-	TRANSITION SIDEWALK TO DRIVEWAY
473	7 OF 32	45+33.81	45+57.81	RTE 231/TELEGRAPH	RTE 231	RT	24.00	6.00	LARGE RADIUS PERPENDICULAR	11.10	24	36	1	-	16	29	AT BETTY JEAN LN
473	7 OF 32	45+37.81	45+45.32	RTE 231/TELEGRAPH	RTE 231	LT	7.60	6.00	-	-	-	-	-	5.10	6	-	-
473	7 OF 32	45+45.32	45+53.06	RTE 231/TELEGRAPH	RTE 231	LT	7.80	6.00	-	-	-	-	-	5.20	6	-	TRANSITION SIDEWALK TO DRIVEWAY
473	7 OF 32	45+82.51	45+96.90	RTE 231/TELEGRAPH	RTE 231	RT	14.40	6.00	-	-	-	-	-	9.60	10	-	TRANSITION SIDEWALK TO DRIVEWAY
473	7 OF 32	45+83.99	45+97.99	RTE 231/TELEGRAPH	RTE 231	LT	14.00	6.00	-	-	-	-	-	9.40	10	-	TRANSITION SIDEWALK TO DRIVEWAY
									TABLE 4 SUBTOTALS		255	231	10	763.00	952	571	-

2 Revised

SUMMARY OF QUANTITIES
SHEET 56 OF 106

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/5/2025

ROUTE	STATE
231	MO
DISTRICT	SHEET NO.
SL	3

COUNTY ST. LOUIS

JOB NO. J6S3631

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
09/08/25	2 SODDING QUANTITY REVISED

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

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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SIDEWALK AND ADA RAMPS (CONT.)

SHEET NO.	SPECIAL CURB DESIGN SHEET NO.	FROM STATION	TO STATION	ROADWAY	CENTERLINE	LOCATION	LENGTH (FT)	SIDEWALK WIDTH (FT)	SUGGESTED ADA RAMP TYPE	APPROX. ADA RAMP AREA (SQ YD)	ESTIMATED TYPE A CURB FOR ADA RAMP (LF)	TRUNCATED DOMES (SQ FT)	MISC. {CONCRETE CURB RAMP} (EA)	CONCRETE SIDEWALK, 4 IN. (SQ YD)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQ YD)	TURF TYPE TALL FESCUE SODDING (SQ YD)	REMARKS
473	7 OF 32	45+96.90	46+73.17	RTE 231/TELEGRAPH	RTE 231	RT	76.30	6.00	-	-	-	-	-	50.90	51	-	-
473	7 OF 32	45+97.99	46+67.70	RTE 231/TELEGRAPH	RTE 231	LT	69.80	6.00	-	-	-	-	-	46.60	47	-	-
473	7 OF 32	46+67.70	46+86.57	RTE 231/TELEGRAPH	RTE 231	LT	18.90	6.00	LARGE RADIUS PERPENDICULAR	14.40	19	23	1	-	13	-	AT TELEGRAPH RD
473	7 OF 32	46+73.17	46+88.17	RTE 231/TELEGRAPH	RTE 231	RT	15.00	6.00	TYPE 3 PARALLEL	18.50	15	10	1	-	10	-	-
473	7 OF 32	46+77.42	46+83.42	RTE 231/TELEGRAPH	RTE 231	CENTER	6.00	5.00	-	-	-	-	-	3.40	4	-	CONCRETE MEDIAN ISLAND
473	7 OF 32	46+88.17	47+60.16	RTE 231/TELEGRAPH	RTE 231	RT	72.00	6.00	-	-	-	-	-	48.00	48	-	-
473	7 OF 32	47+60.16	47+76.53	RTE 231/TELEGRAPH	RTE 231	RT	16.40	6.00	SMALL RADIUS PERPENDICULAR	7.60	17	10	1	-	11	-	AT LAREDO AVE
473	7 OF 32	48+05.96	48+15.11	RTE 231/TELEGRAPH	RTE 231	LT	9.20	16.00	-	-	-	-	-	16.40	17	-	-
473	7 OF 32	48+05.96	48+33.73	RTE 231/TELEGRAPH	RTE 231	LT	27.80	6.00	LARGE RADIUS PERPENDICULAR	33.80	28	46	1	-	19	13	AT TELEGRAPH RD
473	7 OF 32	48+10.04	48+23.23	RTE 231/TELEGRAPH	RTE 231	RT	13.20	6.00	LARGE RADIUS PERPENDICULAR	23.60	14	42	1	-	9	-	AT LAREDO AVE
473	7 OF 32	48+17.73	48+23.73	RTE 231/TELEGRAPH	RTE 231	CENTER	6.00	16.50	ISLAND CUT THROUGH	11.00	6	24	1	-	11	-	CONCRETE MEDIAN ISLAND
473	7 OF 32	48+23.23	48+40.64	RTE 231/TELEGRAPH	RTE 231	RT	17.50	6.00	-	-	-	-	-	11.70	12	-	-
473	7 OF 32	48+33.73	50+37.83	RTE 231/KINGSTON	RTE 231	LT	204.10	6.00	-	-	-	-	-	136.10	137	47	-
474	8 OF 32	48+40.64	48+48.99	RTE 231/KINGSTON	RTE 231	RT	8.40	6.00	-	-	-	-	-	5.60	6	-	TRANSITION SIDEWALK TO DRIVEWAY
474	8 OF 32	48+73.83	48+88.36	RTE 231/KINGSTON	RTE 231	RT	14.60	6.00	-	-	-	-	-	9.80	10	65	TRANSITION SIDEWALK TO DRIVEWAY
474	8 OF 32	48+88.36	50+58.20	RTE 231/KINGSTON	RTE 231	RT	169.90	6.00	-	-	-	-	-	113.30	114		-
474	8 OF 32	50+37.83	50+58.51	RTE 231/KINGSTON	RTE 231	LT	20.70	6.00	LARGE RADIUS PERPENDICULAR	17.60	21	24	1	-	14	47	AT SIGSBEE AVE
474	8 OF 32	50+46.94	50+51.86	RTE 231/KINGSTON	RTE 231	LT	5.00	12.00	-	-	-	-	-	6.70	7	-	-
474	8 OF 32	50+58.20	50+82.00	RTE 231/KINGSTON	RTE 231	RT	23.90	6.00	LARGE RADIUS PERPENDICULAR	12.00	24	32	1	-	16	48	AT SIGSBEE AVE
474	8 OF 32	50+88.44	51+10.80	RTE 231/KINGSTON	RTE 231	LT	22.40	6.00	LARGE RADIUS PERPENDICULAR	12.40	23	26	1	-	15	42	AT SIGSBEE AVE
474	8 OF 32	51+10.80	51+21.30	RTE 231/KINGSTON	RTE 231	LT	10.50	6.00	-	-	-	-	-	7.00	7		-
474	8 OF 32	51+18.82	51+41.28	RTE 231/KINGSTON	RTE 231	RT	22.50	6.00	LARGE RADIUS PERPENDICULAR	11.80	23	24	1	-	15	42	AT SIGSBEE AVE
474	8 OF 32	51+21.30	51+35.60	RTE 231/KINGSTON	RTE 231	LT	14.40	6.00	-	-	-	-	-	9.60	10	21	TRANSITION SIDEWALK TO DRIVEWAY
474	8 OF 32	51+41.28	52+79.10	RTE 231/KINGSTON	RTE 231	RT	137.90	6.00	-	-	-	-	-	92.00	92	42	-
474	8 OF 32	51+57.10	51+72.85	RTE 231/KINGSTON	RTE 231	LT	15.80	6.00	-	-	-	-	-	10.60	11	42	TRANSITION SIDEWALK TO DRIVEWAY
474	8 OF 32	51+72.85	51+91.28	RTE 231/KINGSTON	RTE 231	LT	18.50	6.00	-	-	-	-	-	12.40	13		-
474	8 OF 32	51+91.28	52+07.06	RTE 231/KINGSTON	RTE 231	LT	15.80	6.00	-	-	-	-	-	10.60	11		TRANSITION SIDEWALK TO DRIVEWAY
474	8 OF 32	52+31.55	52+39.58	RTE 231/KINGSTON	RTE 231	LT	8.10	6.00	-	-	-	-	-	5.40	6	29	TRANSITION SIDEWALK TO DRIVEWAY
474	8 OF 32	52+39.58	52+54.40	RTE 231/KINGSTON	RTE 231	LT	14.90	6.00	-	-	-	-	-	10.00	10		-
474	8 OF 32	52+54.40	52+60.13	RTE 231/KINGSTON	RTE 231	LT	5.80	15.00	COMPOUND PERPENDICULAR	3.80	6	10	1	-	10		AT ATLAS DR
474	8 OF 32	52+57.20	52+60.13	RTE 231/KINGSTON	RTE 231	LT	3.00	6.00	-	-	-	-	-	2.00	2		-
474	8 OF 32	52+79.10	52+95.59	RTE 231/KINGSTON	RTE 231	RT	16.50	6.00	-	-	-	-	-	11.00	11	42	TRANSITION SIDEWALK TO DRIVEWAY
474	8 OF 32	52+96.51	53+01.27	RTE 231/KINGSTON	RTE 231	LT	4.80	15.00	COMPOUND PERPENDICULAR	14.00	5	10	1	-	8	3	AT ATLAS DR
474	8 OF 32	52+96.51	53+11.05	RTE 231/KINGSTON	RTE 231	LT	14.60	6.00	-	-	-	-	-	9.80	10		-
474	8 OF 32	52+97.81	53+01.27	RTE 231/KINGSTON	RTE 231	LT	3.50	6.00	-	-	-	-	-	2.40	3		-
474	8 OF 32	53+08.37	53+23.41	RTE 231/KINGSTON	RTE 231	RT	15.10	6.00	-	-	-	-	-	10.10	11	4	TRANSITION SIDEWALK TO DRIVEWAY
474	8 OF 32	53+11.05	53+61.77	RTE 231/KINGSTON	RTE 231	LT	50.80	6.00	-	-	-	-	-	33.90	34	28	-
474	8 OF 32	53+23.41	53+71.95	RTE 231/KINGSTON	RTE 231	RT	48.60	6.00	-	-	-	-	-	32.40	33	10	-
475	9 OF 32	53+61.77	53+76.31	RTE 231/KINGSTON	RTE 231	LT	14.60	6.00	-	-	-	-	-	9.80	10	11	TRANSITION SIDEWALK TO DRIVEWAY
475	9 OF 32	53+71.95	53+88.91	RTE 231/KINGSTON	RTE 231	RT	17.00	6.00	-	-	-	-	-	11.40	12	15	TRANSITION SIDEWALK TO DRIVEWAY
475	9 OF 32	53+87.53	54+14.13	RTE 231/KINGSTON	RTE 231	LT	26.70	6.00	-	-	-	-	-	17.80	18	15	-
475	9 OF 32	54+02.20	54+17.99	RTE 231/KINGSTON	RTE 231	RT	15.80	6.00	-	-	-	-	-	10.60	11	10	TRANSITION SIDEWALK TO DRIVEWAY
475	9 OF 32	54+17.99	54+60.73	RTE 231/KINGSTON	RTE 231	RT	42.80	6.00	-	-	-	-	-	28.60	29	10	-
475	9 OF 32	54+30.67	54+58.71	RTE 231/KINGSTON	RTE 231	LT	28.10	6.00	-	-	-	-	-	18.80	19	17	-
475	9 OF 32	54+60.73	54+76.92	RTE 231/KINGSTON	RTE 231	RT	16.20	6.00	-	-	-	-	-	10.80	11	10	TRANSITION SIDEWALK TO DRIVEWAY
									TABLE 5 SUBTOTALS		201	281	12	815.50	978	614	-

2 Revised

SUMMARY OF QUANTITIES
SHEET 57 OF 106

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

STATE OF MISSOURI
DENNIS J. KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/5/2025

ROUTE 231 | STATE MO
DISTRICT SL | SHEET NO. ~~57~~ 3
COUNTY ST. LOUIS
JOB NO. J6S3631
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION
09/08/25	2 SODDING QUANTITY & SHEET NUMBER REVISED

2 Revised

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

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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SIDEWALK AND ADA RAMPS (CONT.)

SHEET NO.	SPECIAL CURB DESIGN SHEET NO.	FROM STATION	TO STATION	ROADWAY	CENTERLINE	LOCATION	LENGTH (FT)	SIDEWALK WIDTH (FT)	SUGGESTED ADA RAMP TYPE	APPROX. ADA RAMP AREA (SQ YD)	ESTIMATED TYPE A CURB FOR ADA RAMP (LF)	TRUNCATED DOMES (SQ FT)	MISC. (CONCRETE CURB RAMP) (EA)	CONCRETE SIDEWALK, 4 IN. (SQ YD)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQ YD)	TURF TYPE TALL FESCUE SODDING (SQ YD)	REMARKS
475	9 OF 32	54+70.28	54+85.20	RTE 231/KINGSTON	RTE 231	LT	15.00	6.00	-	-	-	-	-	10.00	10	22	TRANSITION SIDEWALK TO DRIVEWAY
475	9 OF 32	54+85.20	55+11.35	RTE 231/KINGSTON	RTE 231	LT	26.20	6.00	-	-	-	-	-	17.50	18		-
475	9 OF 32	54+89.91	55+05.69	RTE 231/KINGSTON	RTE 231	RT	15.80	6.00	-	-	-	-	-	10.60	11	20	TRANSITION SIDEWALK TO DRIVEWAY
475	9 OF 32	55+05.69	55+36.25	RTE 231/KINGSTON	RTE 231	RT	30.60	6.00	-	-	-	-	-	20.40	21		-
475	9 OF 32	55+11.35	55+26.16	RTE 231/KINGSTON	RTE 231	LT	14.90	6.00	-	-	-	-	-	10.00	10	-	TRANSITION SIDEWALK TO DRIVEWAY
475	9 OF 32	55+21.04	55+25.64	RTE 231/KINGSTON	RTE 231	LT	4.70	6.00	-	-	-	-	-	3.20	4	-	-
475	9 OF 32	55+36.25	55+52.12	RTE 231/KINGSTON	RTE 231	RT	15.90	6.00	-	-	-	-	-	10.60	11	4	TRANSITION SIDEWALK TO DRIVEWAY
475	9 OF 32	55+37.66	55+63.88	RTE 231/KINGSTON	RTE 231	LT	26.30	6.00	-	-	-	-	-	17.60	18	14	-
475	9 OF 32	55+64.33	55+79.52	RTE 231/KINGSTON	RTE 231	RT	15.20	6.00	-	-	-	-	-	10.20	11	17	TRANSITION SIDEWALK TO DRIVEWAY
475	9 OF 32	55+76.05	56+01.93	RTE 231/KINGSTON	RTE 231	LT	25.90	6.00	-	-	-	-	-	17.30	18	17	-
475	9 OF 32	55+79.52	56+09.55	RTE 231/KINGSTON	RTE 231	RT	30.10	6.00	-	-	-	-	-	20.10	21	6	-
475	9 OF 32	56+01.54	56+09.55	RTE 231/KINGSTON	RTE 231	RT	8.10	6.00	TYPE 3 PARALLEL	4.60	9	10	1	-	6	-	AT SHETLAND DR
475	9 OF 32	56+02.16	56+06.20	RTE 231/KINGSTON	RTE 231	RT	4.10	6.00	-	-	-	-	-	2.80	3	-	-
475	9 OF 32	56+16.40	56+44.80	RTE 231/KINGSTON	RTE 231	LT	28.50	6.00	-	-	-	-	-	19.00	19	15	-
475	9 OF 32	56+40.73	56+50.48	RTE 231/KINGSTON	RTE 231	RT	9.80	6.00	TYPE 3 PARALLEL	5.00	10	10	1	-	7	-	AT SHETLAND DR
475	9 OF 32	56+43.48	56+50.48	RTE 231/KINGSTON	RTE 231	RT	7.00	6.00	-	-	-	-	-	4.70	5	-	-
475	9 OF 32	56+43.61	56+77.60	RTE 231/KINGSTON	RTE 231	RT	34.00	6.00	-	-	-	-	-	22.70	23	16	-
475	9 OF 32	56+64.98	56+80.51	RTE 231/KINGSTON	RTE 231	LT	15.60	6.00	-	-	-	-	-	10.40	11	5	TRANSITION SIDEWALK TO DRIVEWAY
475	9 OF 32	56+77.60	56+92.98	RTE 231/KINGSTON	RTE 231	RT	15.40	6.00	-	-	-	-	-	10.30	11	7	TRANSITION SIDEWALK TO DRIVEWAY
475	9 OF 32	56+80.51	57+07.35	RTE 231/KINGSTON	RTE 231	LT	26.90	6.00	-	-	-	-	-	18.00	18	9	-
475	9 OF 32	57+06.16	57+34.17	RTE 231/KINGSTON	RTE 231	RT	28.10	6.00	-	-	-	-	-	18.80	19	18	-
475	9 OF 32	57+07.35	57+22.90	RTE 231/KINGSTON	RTE 231	LT	15.60	6.00	-	-	-	-	-	10.40	11	9	TRANSITION SIDEWALK TO DRIVEWAY
475	9 OF 32	57+34.91	57+50.21	RTE 231/KINGSTON	RTE 231	LT	15.40	6.00	-	-	-	-	-	10.30	11	7	TRANSITION SIDEWALK TO DRIVEWAY
475	9 OF 32	57+46.06	57+74.69	RTE 231/KINGSTON	RTE 231	RT	28.70	6.00	-	-	-	-	-	19.20	20	16	-
475	9 OF 32	57+50.21	57+75.20	RTE 231/KINGSTON	RTE 231	LT	25.00	6.00	-	-	-	-	-	16.70	17	18	-
475	9 OF 32	57+75.20	57+84.17	RTE 231/KINGSTON	RTE 231	LT	9.00	20.00	COMPOUND PERPENDICULAR	13.30	9	10	1	-	20	-	AT GENEVA DR
475	9 OF 32	57+86.41	58+14.46	RTE 231/KINGSTON	RTE 231	RT	28.10	6.00	-	-	-	-	-	18.80	19	19	-
475	9 OF 32	58+15.95	58+27.24	RTE 231/KINGSTON	RTE 231	LT	11.30	19.00	COMPOUND PERPENDICULAR	12.40	12	10	1	-	24	-	AT GENEVA DR
475	9 OF 32	58+25.98	58+40.92	RTE 231/KINGSTON	RTE 231	RT	15.00	6.00	-	-	-	-	-	10.00	10	11	TRANSITION SIDEWALK TO DRIVEWAY
475	9 OF 32	58+27.24	58+58.27	RTE 231/KINGSTON	RTE 231	LT	31.10	6.00	-	-	-	-	-	20.80	21	20	-
475	9 OF 32	58+40.92	58+68.25	RTE 231/KINGSTON	RTE 231	RT	27.40	6.00	-	-	-	-	-	18.30	19	8	-
476	10 OF 32	58+58.27	58+74.01	RTE 231/KINGSTON	RTE 231	LT	15.80	19.00	-	-	-	-	-	33.40	34	10	TRANSITION SIDEWALK TO DRIVEWAY
476	10 OF 32	58+68.25	58+83.29	RTE 231/KINGSTON	RTE 231	RT	15.10	6.00	-	-	-	-	-	10.10	11	5	TRANSITION SIDEWALK TO DRIVEWAY
476	10 OF 32	58+86.32	59+19.42	RTE 231/KINGSTON	RTE 231	LT	33.20	6.00	-	-	-	-	-	22.20	23	20	-
476	10 OF 32	58+94.35	59+21.97	RTE 231/KINGSTON	RTE 231	RT	27.70	6.00	-	-	-	-	-	18.50	19	16	-
476	10 OF 32	59+30.75	59+63.23	RTE 231/KINGSTON	RTE 231	LT	32.50	6.00	-	-	-	-	-	21.70	22	21	-
476	10 OF 32	59+33.22	59+61.00	RTE 231/KINGSTON	RTE 231	RT	27.80	6.00	-	-	-	-	-	18.60	19	16	-
476	10 OF 32	59+72.83	59+99.30	RTE 231/KINGSTON	RTE 231	RT	26.50	6.00	-	-	-	-	-	17.70	18	15	-
476	10 OF 32	59+75.45	59+91.20	RTE 231/KINGSTON	RTE 231	LT	15.80	6.00	-	-	-	-	-	10.60	11	20	TRANSITION SIDEWALK TO DRIVEWAY
476	10 OF 32	59+91.20	60+22.42	RTE 231/KINGSTON	RTE 231	LT	31.30	6.00	-	-	-	-	-	20.90	21		-
476	10 OF 32	60+19.25	60+47.71	RTE 231/KINGSTON	RTE 231	RT	28.50	6.00	-	-	-	-	-	19.00	19	16	-
476	10 OF 32	60+22.42	60+38.47	RTE 231/KINGSTON	RTE 231	LT	16.10	6.00	-	-	-	-	-	10.80	11	6	TRANSITION SIDEWALK TO DRIVEWAY
476	10 OF 32	60+59.40	60+75.05	RTE 231/KINGSTON	RTE 231	RT	15.70	6.00	-	-	-	-	-	10.50	11	5	TRANSITION SIDEWALK TO DRIVEWAY
476	10 OF 32	60+59.56	60+75.21	RTE 231/KINGSTON	RTE 231	LT	15.70	6.00	-	-	-	-	-	10.50	11	5	TRANSITION SIDEWALK TO DRIVEWAY
476	10 OF 32	60+75.05	61+33.19	RTE 231/KINGSTON	RTE 231	RT	58.20	6.00	-	-	-	-	-	38.80	39	32	-
									TABLE 6 SUBTOTALS		40	40	4	642.00	716	468	-

2 Revised

SUMMARY OF QUANTITIES
SHEET 58 OF 106

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/5/2025

ROUTE 231 | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. J6S3631
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION
09/08/25	2 SODDING QUANTITY REVISED

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

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SIDEWALK AND ADA RAMPS (CONT.)

SHEET NO.	SPECIAL CURB DESIGN SHEET NO.	FROM STATION	TO STATION	ROADWAY	CENTERLINE	LOCATION	LENGTH (FT)	SIDEWALK WIDTH (FT)	SUGGESTED ADA RAMP TYPE	APPROX. ADA RAMP AREA (SQ YD)	ESTIMATED TYPE A CURB FOR ADA RAMP (LF)	TRUNCATED DOMES (SQ FT)	MISC. {CONCRETE CURB RAMP} (EA)	CONCRETE SIDEWALK, 4 IN. (SQ YD)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQ YD)	TURF TYPE TALL FESCUE SODDING (SQ YD)	REMARKS
476	10 OF 32	60+75.21	61+15.46	RTE 231/KINGSTON	RTE 231	LT	40.30	6.00	-	-	-	-	-	26.90	27	20	-
476	10 OF 32	61+15.46	61+30.97	RTE 231/KINGSTON	RTE 231	LT	15.60	6.00	-	-	-	-	-	10.40	11		TRANSITION SIDEWALK TO DRIVEWAY
476	10 OF 32	61+26.00	61+33.19	RTE 231/KINGSTON	RTE 231	RT	7.20	6.00	TYPE 1 PARALLEL	4.00	8	10	1	-	5	-	AT TERREL DR
476	10 OF 32	61+26.41	61+30.42	RTE 231/KINGSTON	RTE 231	RT	4.10	6.00	-	-	-	-	-	2.80	3	-	-
476	10 OF 32	61+42.80	61+75.69	RTE 231/KINGSTON	RTE 231	LT	32.90	6.00	-	-	-	-	-	22.00	22	16	-
476	10 OF 32	61+64.24	61+75.86	RTE 231/KINGSTON	RTE 231	RT	11.70	6.00	TYPE 1 PARALLEL	11.20	12	10	1	-	8	-	AT TERREL DR
476	10 OF 32	61+66.62	61+70.42	RTE 231/KINGSTON	RTE 231	RT	3.90	6.00	-	-	-	-	-	2.60	3	-	-
476	10 OF 32	61+75.86	66+18.19	RTE 231/KINGSTON	RTE 231	RT	442.40	6.00	-	-	-	-	-	295.00	295	173	-
476	10 OF 32	61+86.64	62+19.97	RTE 231/KINGSTON	RTE 231	LT	33.40	6.00	-	-	-	-	-	22.30	23	17	-
476	10 OF 32	62+41.52	62+57.25	RTE 231/KINGSTON	RTE 231	LT	15.80	6.00	-	-	-	-	-	10.60	11	3	TRANSITION SIDEWALK TO DRIVEWAY
476	10 OF 32	62+57.25	62+97.94	RTE 231/KINGSTON	RTE 231	LT	40.70	6.00	-	-	-	-	-	27.20	28	17	-
476	10 OF 32	62+97.94	63+13.55	RTE 231/KINGSTON	RTE 231	LT	15.70	6.00	-	-	-	-	-	10.50	11	5	TRANSITION SIDEWALK TO DRIVEWAY
476	10 OF 32	63+37.49	63+71.86	RTE 231/KINGSTON	RTE 231	LT	34.40	6.00	-	-	-	-	-	23.00	23	20	-
477	11 OF 32	63+84.82	64+00.88	RTE 231/KINGSTON	RTE 231	LT	16.10	6.00	-	-	-	-	-	10.80	11	6	TRANSITION SIDEWALK TO DRIVEWAY
477	11 OF 32	64+00.88	64+40.15	RTE 231/KINGSTON	RTE 231	LT	39.30	6.00	-	-	-	-	-	26.20	27	13	-
477	11 OF 32	64+40.15	64+50.54	RTE 231/KINGSTON	RTE 231	LT	10.40	6.00	-	-	-	-	-	7.00	7	23	-
477	11 OF 32	64+50.54	64+70.11	RTE 231/KINGSTON	RTE 231	LT	19.60	6.00	-	-	-	-	-	13.10	14	-	-
477	11 OF 32	64+66.72	64+74.71	RTE 231/KINGSTON	RTE 231	LT	8.00	6.00	TYPE 1 PARALLEL	4.00	8	10	1	-	6	-	AT TACOMA DR
477	11 OF 32	65+07.48	65+25.24	RTE 231/KINGSTON	RTE 231	LT	17.80	6.00	TYPE 3 PARALLEL	8.90	18	10	1	-	12	-	AT TACOMA DR
477	11 OF 32	65+07.48	65+35.04	RTE 231/KINGSTON	RTE 231	LT	27.60	6.00	-	-	-	-	-	18.40	19	-	-
477	11 OF 32	65+12.31	65+14.84	RTE 231/KINGSTON	RTE 231	LT	2.60	11.00	-	-	-	-	-	3.20	4	58	-
477	11 OF 32	65+35.04	65+45.03	RTE 231/KINGSTON	RTE 231	LT	10.00	6.00	-	-	-	-	-	6.70	7		TRANSITION SIDEWALK TO DRIVEWAY
477	11 OF 32	65+45.03	65+95.80	RTE 231/KINGSTON	RTE 231	LT	50.80	6.00	-	-	-	-	-	33.90	34		-
477	11 OF 32	65+95.80	66+11.01	RTE 231/KINGSTON	RTE 231	LT	15.30	6.00	-	-	-	-	-	10.20	11		TRANSITION SIDEWALK TO DRIVEWAY
477	11 OF 32	66+18.19	66+35.18	RTE 231/KINGSTON	RTE 231	RT	17.00	6.00	-	-	-	-	-	11.40	12	-	TRANSITION SIDEWALK TO DRIVEWAY
477	11 OF 32	66+22.57	66+37.74	RTE 231/KINGSTON	RTE 231	LT	15.20	6.00	-	-	-	-	-	10.20	11	92	TRANSITION SIDEWALK TO DRIVEWAY
477	11 OF 32	66+37.74	67+31.51	RTE 231/KINGSTON	RTE 231	LT	93.80	6.00	-	-	-	-	-	62.60	63		-
477	11 OF 32	66+40.18	66+59.44	RTE 231/KINGSTON	RTE 231	RT	19.30	6.00	-	-	-	-	-	12.90	13	-	-
477	11 OF 32	67+16.97	67+32.47	RTE 231/KINGSTON	RTE 231	RT	15.50	6.00	-	-	-	-	-	10.40	11	32	TRANSITION SIDEWALK TO DRIVEWAY
477	11 OF 32	67+31.51	67+52.43	RTE 231/KINGSTON	RTE 231	LT	21.00	6.00	SMALL RADIUS PERPENDICULAR	13.10	21	12	1	-	14	46	AT SOUTHWARK LN
477	11 OF 32	67+32.47	68+13.02	RTE 231/KINGSTON	RTE 231	RT	80.60	6.00	-	-	-	-	-	53.80	54	32	-
477	11 OF 32	67+82.32	68+02.75	RTE 231/KINGSTON	RTE 231	LT	20.50	6.00	SMALL RADIUS PERPENDICULAR	12.60	21	12	1	-	14	211	AT SOUTHWARK LN
477	11 OF 32	68+02.75	69+78.33	RTE 231/KINGSTON	RTE 231	LT	175.60	6.00	-	-	-	-	-	117.10	118		-
477	11 OF 32	68+13.02	68+28.82	RTE 231/KINGSTON	RTE 231	RT	15.80	6.00	-	-	-	-	-	10.60	11	64	TRANSITION SIDEWALK TO DRIVEWAY
478	12 OF 32	68+73.08	68+88.43	RTE 231/KINGSTON	RTE 231	RT	15.40	6.00	-	-	-	-	-	10.30	11		TRANSITION SIDEWALK TO DRIVEWAY
478	12 OF 32	68+88.43	69+73.66	RTE 231/KINGSTON	RTE 231	RT	85.30	6.00	-	-	-	-	-	56.90	57	122	-
478	12 OF 32	69+73.66	69+89.01	RTE 231/KINGSTON	RTE 231	RT	15.40	6.00	-	-	-	-	-	10.30	11	-	TRANSITION SIDEWALK TO DRIVEWAY
478	12 OF 32	69+78.33	69+98.43	RTE 231/KINGSTON	RTE 231	LT	20.20	6.00	LARGE RADIUS PERPENDICULAR	11.20	21	21	1	-	14	105	AT EARLSFIELD LN
478	12 OF 32	70+35.13	70+51.49	RTE 231/KINGSTON	RTE 231	RT	16.40	6.00	-	-	-	-	-	11.00	11	21	TRANSITION SIDEWALK TO DRIVEWAY
478	12 OF 32	70+37.29	70+58.43	RTE 231/KINGSTON	RTE 231	LT	21.20	6.00	LARGE RADIUS PERPENDICULAR	11.60	22	23	1	-	15	90	AT EARLSFIELD LN
478	12 OF 32	70+51.49	71+11.69	RTE 231/KINGSTON	RTE 231	RT	60.20	6.00	-	-	-	-	-	40.20	41	-	-
478	12 OF 32	70+58.43	71+11.69	RTE 231/KINGSTON	RTE 231	LT	53.30	6.00	-	-	-	-	-	35.60	36	90	-
478	12 OF 32	71+11.69	71+36.69	RTE 231/KINGSTON	RTE 231	RT	25.00	6.00	TYPE 3 PARALLEL	16.70	25	18	1	-	17	-	-
478	12 OF 32	71+19.69	71+28.69	RTE 231/KINGSTON	RTE 231	CENTER	9.00	6.00	ISLAND CUT THROUGH	6.00	9	18	1	-	6	-	CONCRETE MEDIAN ISLAND
478	12 OF 32	71+19.69	71+28.69	RTE 231/KINGSTON	RTE 231	CENTER	9.00	6.00	ISLAND CUT THROUGH	8.00	9	36	1	-	6	-	CONCRETE MEDIAN ISLAND
									TABLE 7 SUBTOTALS		174	180	11	1,036.10	1,168	1,278	-

2 Revised

SUMMARY OF QUANTITIES
SHEET 59 OF 106

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/5/2025

ROUTE	STATE
231	MO
DISTRICT	SHEET NO.
SL	3

COUNTY ST. LOUIS

JOB NO. J6S3631

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
09/08/25	2 SODDING QUANTITY REVISED

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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SIDEWALK AND ADA RAMPS (CONT.)

SHEET NO.	SPECIAL CURB DESIGN SHEET NO.	FROM STATION	TO STATION	ROADWAY	CENTERLINE	LOCATION	LENGTH (FT)	SIDEWALK WIDTH (FT)	SUGGESTED ADA RAMP TYPE	APPROX. ADA RAMP AREA (SQ.YD)	ESTIMATED TYPE A CURB FOR ADA RAMP (LF)	TRUNCATED DOMES (SQ.FT)	MISC. {CONCRETE CURB RAMP} (EA)	CONCRETE SIDEWALK, 4 IN. (SQ.YD)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQ.YD)	TURF TYPE TALL FESCUE SODDING (SQ.YD)	REMARKS
478	12 OF 32	71+36.69	72+50.11	RTE 231/KINGSTON	RTE 231	LT	113.50	6.00	-	-	-	-	-	75.70	76	90	-
478	12 OF 32	71+36.69	72+43.00	RTE 231/KINGSTON	RTE 231	RT	106.40	6.00	-	-	-	-	-	71.00	71	-	-
478	12 OF 32	72+43.00	72+58.75	RTE 231/KINGSTON	RTE 231	RT	15.80	6.00	-	-	-	-	-	10.60	11	46	TRANSITION SIDEWALK TO DRIVEWAY
478	12 OF 32	72+50.11	72+69.19	RTE 231/KINGSTON	RTE 231	LT	19.10	6.00	LARGE RADIUS PERPENDICULAR	11.10	20	20	1	-	13	90	AT SOUTHAMPTON DR
478	12 OF 32	72+93.64	73+09.71	RTE 231/KINGSTON	RTE 231	RT	16.10	6.00	-	-	-	-	-	10.80	11	55	TRANSITION SIDEWALK TO DRIVEWAY
478	12 OF 32	73+05.85	73+29.97	RTE 231/KINGSTON	RTE 231	LT	24.20	6.00	LARGE RADIUS PERPENDICULAR	13.20	25	28	1	-	17	122	AT SOUTHAMPTON DR
478	12 OF 32	73+09.71	73+87.74	RTE 231/KINGSTON	RTE 231	RT	78.10	6.00	-	-	-	-	-	52.10	53	55	-
478	12 OF 32	73+29.97	75+11.05	RTE 231/KINGSTON	RTE 231	LT	181.10	6.00	-	-	-	-	-	120.80	121	122	-
479	13 OF 32	73+87.74	74+04.09	RTE 231/KINGSTON	RTE 231	RT	16.40	6.00	-	-	-	-	-	11.00	11	35	TRANSITION SIDEWALK TO DRIVEWAY
479	13 OF 32	74+42.35	74+58.70	RTE 231/KINGSTON	RTE 231	RT	16.40	6.00	-	-	-	-	-	11.00	11	111	TRANSITION SIDEWALK TO DRIVEWAY
479	13 OF 32	74+58.70	75+06.81	RTE 231/KINGSTON	RTE 231	RT	48.20	6.00	-	-	-	-	-	32.20	33		-
479	13 OF 32	75+06.81	75+23.16	RTE 231/KINGSTON	RTE 231	RT	16.40	6.00	-	-	-	-	-	11.00	11		TRANSITION SIDEWALK TO DRIVEWAY
479	13 OF 32	75+11.05	75+37.12	RTE 231/KINGSTON	RTE 231	LT	26.10	6.00	LARGE RADIUS PERPENDICULAR	14.00	27	32	1	-	18	122	AT WOOLWICH LN
479	13 OF 32	75+61.98	75+78.33	RTE 231/KINGSTON	RTE 231	RT	16.40	6.00	-	-	-	-	-	11.00	11	392	TRANSITION SIDEWALK TO DRIVEWAY
479	13 OF 32	75+78.33	78+81.86	RTE 231/KINGSTON	RTE 231	RT	303.60	6.00	-	-	-	-	-	202.40	203		-
479	13 OF 32	75+78.47	76+04.83	RTE 231/KINGSTON	RTE 231	LT	26.40	6.00	LARGE RADIUS PERPENDICULAR	14.20	27	32	1	-	18	391	AT WOOLWICH LN
479	13 OF 32	76+04.83	77+89.51	RTE 231/KINGSTON	RTE 231	LT	184.70	6.00	-	-	-	-	-	123.20	124		-
479	13 OF 32	77+89.51	78+08.98	RTE 231/KINGSTON	RTE 231	LT	19.50	6.00	LARGE RADIUS PERPENDICULAR	11.10	20	21	1	-	13		AT PENTONVILLE DR
479	13 OF 32	78+50.78	78+78.39	RTE 231/KINGSTON	RTE 231	LT	27.70	6.00	LARGE RADIUS PERPENDICULAR	14.70	28	34	1	-	19	66	AT PENTONVILLE DR
479	13 OF 32	78+78.39	80+57.73	RTE 231/KINGSTON	RTE 231	LT	179.40	6.00	-	-	-	-	-	119.60	120	299	-
480	14 OF 32	78+81.86	78+98.21	RTE 231/KINGSTON	RTE 231	RT	16.40	6.00	-	-	-	-	-	11.00	11	38	TRANSITION SIDEWALK TO DRIVEWAY
480	14 OF 32	79+52.40	79+74.71	RTE 231/KINGSTON	RTE 231	RT	22.40	6.00	-	-	-	-	-	15.00	15	163	TRANSITION SIDEWALK TO DRIVEWAY
480	14 OF 32	79+74.71	80+46.26	RTE 231/KINGSTON	RTE 231	RT	71.60	6.00	-	-	-	-	-	47.80	48		-
480	14 OF 32	80+46.26	80+62.70	RTE 231/KINGSTON	RTE 231	RT	16.50	6.00	-	-	-	-	-	11.00	11		TRANSITION SIDEWALK TO DRIVEWAY
480	14 OF 32	80+57.73	80+80.12	RTE 231/KINGSTON	RTE 231	LT	22.40	6.00	LARGE RADIUS PERPENDICULAR	16.10	23	20	1	-	15	-	AT WALWORTH DR
480	14 OF 32	80+65.84	80+79.96	RTE 231/KINGSTON	RTE 231	LT	14.20	6.00	-	-	-	-	-	9.50	10	-	-
480	14 OF 32	81+04.10	81+19.97	RTE 231/KINGSTON	RTE 231	RT	15.90	6.00	-	-	-	-	-	10.60	11	-	TRANSITION SIDEWALK TO DRIVEWAY
480	14 OF 32	81+19.97	82+14.04	RTE 231/KINGSTON	RTE 231	RT	94.10	6.00	-	-	-	-	-	62.80	63	-	-
480	14 OF 32	81+20.15	81+47.11	RTE 231/KINGSTON	RTE 231	LT	27.00	6.00	LARGE RADIUS PERPENDICULAR	14.40	27	33	1	-	18	161	AT WALWORTH DR
480	14 OF 32	81+47.11	83+05.86	RTE 231/KINGSTON	RTE 231	LT	158.80	6.00	-	-	-	-	-	105.90	106		-
480	14 OF 32	82+14.04	82+30.55	RTE 231/KINGSTON	RTE 231	RT	16.60	6.00	-	-	-	-	-	11.10	12	-	TRANSITION SIDEWALK TO DRIVEWAY
480	14 OF 32	82+68.94	82+79.07	RTE 231/KINGSTON	RTE 231	RT	10.20	6.00	-	-	-	-	-	6.80	7	-	TRANSITION SIDEWALK TO DRIVEWAY
480	14 OF 32	82+79.07	83+81.31	RTE 231/KINGSTON	RTE 231	RT	102.30	6.00	-	-	-	-	-	68.20	69	101	-
480	14 OF 32	83+05.86	83+15.86	RTE 231/KINGSTON	RTE 231	LT	10.00	6.00	-	-	-	-	-	6.70	7	161	TRANSITION SIDEWALK TO DRIVEWAY
480	14 OF 32	83+15.86	83+34.62	RTE 231/KINGSTON	RTE 231	LT	18.80	6.00	-	-	-	-	-	12.60	13		-
480	14 OF 32	83+24.86	83+34.62	RTE 231/KINGSTON	RTE 231	LT	9.80	6.00	SMALL RADIUS PERPENDICULAR	5.00	10	11	1	-	7	-	AT LAMBETH LN
480	14 OF 32	83+61.42	83+75.53	RTE 231/KINGSTON	RTE 231	LT	14.20	6.00	SMALL RADIUS PERPENDICULAR	7.40	15	10	1	-	10	126	AT LAMBETH LN
480	14 OF 32	83+75.53	85+73.19	RTE 231/KINGSTON	RTE 231	LT	197.70	6.00	-	-	-	-	-	131.80	132		-
480	14 OF 32	83+81.31	83+97.05	RTE 231/KINGSTON	RTE 231	RT	15.80	6.00	-	-	-	-	-	10.60	11	-	TRANSITION SIDEWALK TO DRIVEWAY
481	15 OF 32	84+33.51	84+49.26	RTE 231/KINGSTON	RTE 231	RT	15.80	6.00	-	-	-	-	-	10.60	11	48	TRANSITION SIDEWALK TO DRIVEWAY
481	15 OF 32	84+49.26	86+69.96	RTE 231/KINGSTON	RTE 231	RT	220.70	6.00	-	-	-	-	-	147.20	148	143	-
481	15 OF 32	85+73.19	85+86.08	RTE 231/KINGSTON	RTE 231	LT	12.90	6.00	SMALL RADIUS PERPENDICULAR	7.00	13	10	1	-	9	63	AT CARRINGTON LN
481	15 OF 32	86+11.10	86+23.99	RTE 231/KINGSTON	RTE 231	LT	12.90	6.00	SMALL RADIUS PERPENDICULAR	7.10	13	10	1	-	9	26	AT CARRINGTON LN
481	15 OF 32	86+23.99	88+24.43	RTE 231/KINGSTON	RTE 231	LT	200.50	6.00	-	-	-	-	-	133.70	134	79	-
481	15 OF 32	86+69.96	86+86.31	RTE 231/KINGSTON	RTE 231	RT	16.40	6.00	-	-	-	-	-	11.00	11	48	TRANSITION SIDEWALK TO DRIVEWAY
									TABLE 8 SUBTOTALS		248	261	12	1,686.30	1,863	3,155	-

2 Revised

SUMMARY OF QUANTITIES
SHEET 60 OF 106

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/5/2025

ROUTE 231 | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. J6S3631
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION
09/08/25	2 SODDING QUANTITY REVISED

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

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St. Louis, Missouri 63101
Professional Engineer 001632
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314.770.0467

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

SIDEWALK AND ADA RAMPS (CONT.)

SHEET NO.	SPECIAL CURB DESIGN SHEET NO.	FROM STATION	TO STATION	ROADWAY	CENTERLINE	LOCATION	LENGTH (FT)	SIDEWALK WIDTH (FT)	SUGGESTED ADA RAMP TYPE	APPROX. ADA RAMP AREA (SQ YD)	ESTIMATED TYPE A CURB FOR ADA RAMP (LF)	TRUNCATED DOMES (SQ FT)	MISC. {CONCRETE CURB RAMP} (EA)	CONCRETE SIDEWALK, 4 IN. (SQ YD)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQ YD)	TURF TYPE TALL FESCUE SODDING (SQ YD)	REMARKS
481	15 OF 32	87+15.29	87+31.64	RTE 231/KINGSTON	RTE 231	RT	16.40	6.00	-	-	-	-	-	11.00	11	283	TRANSITION SIDEWALK TO DRIVEWAY
481	15 OF 32	87+31.64	89+44.79	RTE 231/KINGSTON	RTE 231	RT	213.20	6.00	-	-	-	-	-	142.20	143		-
481	15 OF 32	88+24.43	88+40.35	RTE 231/KINGSTON	RTE 231	LT	16.00	6.00	-	-	-	-	-	10.70	11	26	TRANSITION SIDEWALK TO DRIVEWAY
481	15 OF 32	88+82.29	88+91.45	RTE 231/KINGSTON	RTE 231	LT	9.20	6.00	-	-	-	-	-	6.20	7	53	TRANSITION SIDEWALK TO DRIVEWAY
481	15 OF 32	88+82.29	88+98.45	RTE 231/KINGSTON	RTE 231	LT	16.20	6.00	-	-	-	-	-	10.80	11		-
481	15 OF 32	88+98.45	89+05.75	RTE 231/KINGSTON	RTE 231	LT	7.30	6.00	-	-	-	-	-	4.90	5		TRANSITION SIDEWALK TO DRIVEWAY
481	15 OF 32	89+05.75	89+44.79	RTE 231/KINGSTON	RTE 231	LT	39.10	6.00	-	-	-	-	-	26.10	27	55	-
482	16 OF 32	89+44.79	89+69.79	RTE 231/KINGSTON	RTE 231	LT	25.00	6.00	-	-	-	-	-	16.70	17	55	TRANSITION SIDEWALK TO DRIVEWAY
482	16 OF 32	89+44.79	89+69.79	RTE 231/KINGSTON	RTE 231	RT	25.00	6.00	-	-	-	-	-	16.70	17	70	TRANSITION SIDEWALK TO DRIVEWAY
482	16 OF 32	89+52.79	89+61.79	RTE 231/KINGSTON	RTE 231	CENTER	9.00	6.00	ISLAND CUT THROUGH	5.80	9	18	1	-	6	-	CONCRETE MEDIAN ISLAND
482	16 OF 32	89+52.79	89+61.79	RTE 231/KINGSTON	RTE 231	CENTER	9.00	8.00	ISLAND CUT THROUGH	8.00	9	36	1	-	8	-	CONCRETE MEDIAN ISLAND
482	16 OF 32	89+52.79	89+61.79	RTE 231/KINGSTON	RTE 231	CENTER	9.00	5.50	ISLAND CUT THROUGH	5.50	9	18	1	-	6	-	CONCRETE MEDIAN ISLAND
482	16 OF 32	89+69.79	90+48.34	RTE 231/KINGSTON	RTE 231	LT	78.60	6.00	-	-	-	-	-	52.40	53	55	-
482	16 OF 32	89+69.79	90+61.19	RTE 231/KINGSTON	RTE 231	RT	91.40	6.00	-	-	-	-	-	61.00	61	70	-
482	16 OF 32	90+48.34	90+68.43	RTE 231/KINGSTON	RTE 231	LT	20.10	6.00	LARGE RADIUS PERPENDICULAR	11.50	21	22	1	-	14	55	AT CLYDE AVE
482	16 OF 32	90+61.19	90+77.86	RTE 231/KINGSTON	RTE 231	RT	16.70	6.00	-	-	-	-	-	11.20	12	70	TRANSITION SIDEWALK TO DRIVEWAY
482	16 OF 32	90+95.32	91+14.41	RTE 231/KINGSTON	RTE 231	LT	19.10	6.00	LARGE RADIUS PERPENDICULAR	10.70	20	21	1	-	13	11	AT CLYDE AVE
482	16 OF 32	91+10.09	91+27.18	RTE 231/KINGSTON	RTE 231	RT	17.10	6.00	-	-	-	-	-	11.40	12	30	TRANSITION SIDEWALK TO DRIVEWAY
482	16 OF 32	91+27.18	92+81.25	RTE 231/KINGSTON	RTE 231	RT	154.10	6.00	-	-	-	-	-	102.80	103		-
482	16 OF 32	91+51.17	91+69.52	RTE 231/KINGSTON	RTE 231	LT	18.40	6.00	-	-	-	-	-	12.30	13	50	TRANSITION SIDEWALK TO DRIVEWAY
482	16 OF 32	91+69.52	91+75.42	RTE 231/KINGSTON	RTE 231	LT	5.90	6.00	-	-	-	-	-	4.00	4		-
482	16 OF 32	91+75.42	91+90.63	RTE 231/KINGSTON	RTE 231	LT	15.30	6.00	-	-	-	-	-	10.20	11		TRANSITION SIDEWALK TO DRIVEWAY
482	16 OF 32	92+44.11	92+52.45	RTE 231/KINGSTON	RTE 231	LT	8.40	6.00	-	-	-	-	-	5.60	6	12	TRANSITION SIDEWALK TO DRIVEWAY
482	16 OF 32	92+63.35	92+79.49	RTE 231/KINGSTON	RTE 231	LT	16.20	6.00	-	-	-	-	-	10.80	11	30	TRANSITION SIDEWALK TO DRIVEWAY
482	16 OF 32	92+79.49	92+98.14	RTE 231/KINGSTON	RTE 231	LT	18.70	6.00	-	-	-	-	-	12.50	13	30	-
482	16 OF 32	92+81.25	92+96.18	RTE 231/KINGSTON	RTE 231	RT	15.00	6.00	-	-	-	-	-	10.00	10	15	TRANSITION SIDEWALK TO DRIVEWAY
482	16 OF 32	92+98.14	93+14.66	RTE 231/KINGSTON	RTE 231	LT	16.60	6.00	-	-	-	-	-	11.10	12	30	TRANSITION SIDEWALK TO DRIVEWAY
482	16 OF 32	93+27.26	93+65.04	RTE 231/KINGSTON	RTE 231	RT	37.80	6.00	-	-	-	-	-	25.20	26	19	-
482	16 OF 32	93+34.92	93+51.41	RTE 231/KINGSTON	RTE 231	LT	16.50	6.00	-	-	-	-	-	11.00	11	42	TRANSITION SIDEWALK TO DRIVEWAY
482	16 OF 32	93+51.41	93+92.31	RTE 231/KINGSTON	RTE 231	LT	40.90	6.00	-	-	-	-	-	27.30	28	42	-
482	16 OF 32	93+89.94	94+19.15	RTE 231/KINGSTON	RTE 231	RT	29.30	6.00	-	-	-	-	-	19.60	20	14	-
482	16 OF 32	93+92.31	94+10.97	RTE 231/KINGSTON	RTE 231	LT	18.70	6.00	-	-	-	-	-	12.50	13	42	TRANSITION SIDEWALK TO DRIVEWAY
483	17 OF 32	94+41.17	94+60.16	RTE 231/KINGSTON	RTE 231	LT	19.00	6.00	-	-	-	-	-	12.70	13	81	TRANSITION SIDEWALK TO DRIVEWAY
483	17 OF 32	94+60.16	94+98.76	RTE 231/KINGSTON	RTE 231	LT	38.70	6.00	-	-	-	-	-	25.80	26		-
483	17 OF 32	94+75.49	94+87.80	RTE 231/KINGSTON	RTE 231	RT	12.40	6.00	-	-	-	-	-	8.30	9	15	TRANSITION SIDEWALK TO DRIVEWAY
483	17 OF 32	94+87.80	95+16.20	RTE 231/KINGSTON	RTE 231	RT	28.50	6.00	-	-	-	-	-	19.00	19		-
483	17 OF 32	94+98.76	95+15.34	RTE 231/KINGSTON	RTE 231	LT	16.60	6.00	-	-	-	-	-	11.10	12	41	TRANSITION SIDEWALK TO DRIVEWAY
483	17 OF 32	95+16.20	95+28.48	RTE 231/KINGSTON	RTE 231	RT	12.30	6.00	-	-	-	-	-	8.20	9	-	TRANSITION SIDEWALK TO DRIVEWAY
483	17 OF 32	95+36.45	95+51.77	RTE 231/KINGSTON	RTE 231	LT	15.40	6.00	-	-	-	-	-	10.30	11	82	TRANSITION SIDEWALK TO DRIVEWAY
483	17 OF 32	95+51.77	95+98.58	RTE 231/KINGSTON	RTE 231	LT	46.90	6.00	-	-	-	-	-	31.30	32		-
483	17 OF 32	95+88.86	96+04.60	RTE 231/KINGSTON	RTE 231	RT	15.80	6.00	-	-	-	-	-	10.60	11	147	TRANSITION SIDEWALK TO DRIVEWAY
483	17 OF 32	95+98.58	96+14.69	RTE 231/KINGSTON	RTE 231	LT	16.20	6.00	-	-	-	-	-	10.80	11	41	TRANSITION SIDEWALK TO DRIVEWAY
483	17 OF 32	96+04.60	99+93.81	RTE 231/KINGSTON	RTE 231	RT	389.30	6.00	-	-	-	-	-	259.60	260	147	-
483	17 OF 32	96+33.74	96+49.72	RTE 231/KINGSTON	RTE 231	LT	16.00	6.00	-	-	-	-	-	10.70	11	83	TRANSITION SIDEWALK TO DRIVEWAY
483	17 OF 32	96+49.72	96+98.36	RTE 231/KINGSTON	RTE 231	LT	48.70	6.00	-	-	-	-	-	32.50	33		-
									TABLE 9 SUBTOTALS		68	115	5	1,107.10	1,172	1,795	-

△2 Revised

SUMMARY OF QUANTITIES
SHEET 61 OF 106

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/5/2025

ROUTE 231 | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. J6S3631
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION
09/08/25 △2	SODDING QUANTITY REVISED

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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SIDEWALK AND ADA RAMPS (CONT.)

SHEET NO.	SPECIAL CURB DESIGN SHEET NO.	FROM STATION	TO STATION	ROADWAY	CENTERLINE	LOCATION	LENGTH (FT)	SIDEWALK WIDTH (FT)	SUGGESTED ADA RAMP TYPE	APPROX. ADA RAMP AREA (SQ YD)	ESTIMATED TYPE A CURB FOR ADA RAMP (LF)	TRUNCATED DOMES (SQ FT)	MISC. {CONCRETE CURB RAMP} (EA)	CONCRETE SIDEWALK, 4 IN. (SQ YD)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQ YD)	TURF TYPE TALL FESCUE SODDING (SQ YD)	REMARKS
483	17 OF 32	96+98.36	97+13.67	RTE 231/KINGSTON	RTE 231	LT	15.40	6.00	-	-	-	-	-	10.30	11	42	TRANSITION SIDEWALK TO DRIVEWAY
483	17 OF 32	97+34.02	97+50.40	RTE 231/KINGSTON	RTE 231	LT	16.40	6.00	-	-	-	-	-	11.00	11	123	TRANSITION SIDEWALK TO DRIVEWAY
483	17 OF 32	97+50.40	97+99.00	RTE 231/KINGSTON	RTE 231	LT	48.70	6.00	-	-	-	-	-	32.50	33		-
483	17 OF 32	97+99.00	98+15.37	RTE 231/KINGSTON	RTE 231	LT	16.40	6.00	-	-	-	-	-	11.00	11		TRANSITION SIDEWALK TO DRIVEWAY
483	17 OF 32	98+33.94	98+50.41	RTE 231/KINGSTON	RTE 231	LT	16.50	6.00	-	-	-	-	-	11.00	11	110	TRANSITION SIDEWALK TO DRIVEWAY
483	17 OF 32	98+50.41	98+97.63	RTE 231/KINGSTON	RTE 231	LT	47.30	6.00	-	-	-	-	-	31.60	32		-
483	17 OF 32	98+97.63	99+13.95	RTE 231/KINGSTON	RTE 231	LT	16.40	6.00	-	-	-	-	-	11.00	11		TRANSITION SIDEWALK TO DRIVEWAY
484	18 OF 32	99+28.30	99+44.45	RTE 231/BROADWAY	RTE 231	LT	16.20	6.00	-	-	-	-	-	10.80	11	52	TRANSITION SIDEWALK TO DRIVEWAY
484	18 OF 32	99+44.45	99+48.57	RTE 231/BROADWAY	RTE 231	LT	4.20	6.00	-	-	-	-	-	2.80	3		-
484	18 OF 32	99+48.57	99+64.68	RTE 231/BROADWAY	RTE 231	LT	16.20	6.00	-	-	-	-	-	10.80	11		TRANSITION SIDEWALK TO DRIVEWAY
484	18 OF 32	99+76.58	99+92.18	RTE 231/BROADWAY	RTE 231	LT	15.70	6.00	-	-	-	-	-	10.50	11	12	TRANSITION SIDEWALK TO DRIVEWAY
484	18 OF 32	99+92.18	100+67.54	RTE 231/BROADWAY	RTE 231	LT	75.40	6.00	-	-	-	-	-	50.30	51	12	-
484	18 OF 32	99+93.81	100+14.77	RTE 231/BROADWAY	RTE 231	RT	21.00	6.00	LARGE RADIUS PERPENDICULAR	11.90	21	19	1	-	14	306	AT S BROADWAY ST
484	18 OF 32	99+93.81	100+24.14	RTE 231/BROADWAY	RTE 231	RT	30.40	6.00	-	-	-	-	-	20.30	21		-
484	18 OF 32	100+67.54	100+83.89	RTE 231/BROADWAY	RTE 231	LT	16.40	6.00	-	-	-	-	-	11.00	11	12	TRANSITION SIDEWALK TO DRIVEWAY
484	18 OF 32	100+68.87	100+91.26	RTE 231/BROADWAY	RTE 231	RT	22.40	6.00	-	-	-	-	-	15.00	15	-	-
484	18 OF 32	100+75.12	100+91.26	RTE 231/BROADWAY	RTE 231	RT	16.20	6.00	SMALL RADIUS PERPENDICULAR	8.30	17	10	1	-	11	18	AT S BROADWAY ST
484	18 OF 32	100+85.57	101+34.37	RTE 231/BROADWAY	RTE 231	RT	48.90	6.00	-	-	-	-	-	32.60	33		-
484	18 OF 32	101+19.48	101+35.95	RTE 231/BROADWAY	RTE 231	LT	16.50	6.00	-	-	-	-	-	11.00	11	14	TRANSITION SIDEWALK TO DRIVEWAY
484	18 OF 32	101+34.37	101+55.73	RTE 231/BROADWAY	RTE 231	RT	21.40	6.00	-	-	-	-	-	14.30	15	9	TRANSITION SIDEWALK TO DRIVEWAY
484	18 OF 32	101+35.95	101+75.97	RTE 231/BROADWAY	RTE 231	LT	40.10	6.00	-	-	-	-	-	26.80	27	27	-
484	18 OF 32	101+75.97	101+92.09	RTE 231/BROADWAY	RTE 231	LT	16.20	6.00	-	-	-	-	-	10.80	11		TRANSITION SIDEWALK TO DRIVEWAY
484	18 OF 32	101+98.52	102+15.56	RTE 231/BROADWAY	RTE 231	RT	17.10	6.00	-	-	-	-	-	11.40	12	266	TRANSITION SIDEWALK TO DRIVEWAY
484	18 OF 32	102+15.56	102+54.93	RTE 231/BROADWAY	RTE 231	RT	39.40	6.00	-	-	-	-	-	26.30	27		-
484	18 OF 32	102+26.35	102+45.70	RTE 231/BROADWAY	RTE 231	LT	19.40	6.00	-	-	-	-	-	13.00	13	10	-
484	18 OF 32	102+54.93	102+70.94	RTE 231/BROADWAY	RTE 231	RT	16.10	6.00	-	-	-	-	-	10.80	11	133	TRANSITION SIDEWALK TO DRIVEWAY
484	18 OF 32	102+69.10	102+84.81	RTE 231/BROADWAY	RTE 231	LT	15.80	6.00	-	-	-	-	-	10.60	11	39	TRANSITION SIDEWALK TO DRIVEWAY
484	18 OF 32	102+84.81	103+32.04	RTE 231/BROADWAY	RTE 231	LT	47.30	6.00	-	-	-	-	-	31.60	32		-
484	18 OF 32	103+11.73	103+34.36	RTE 231/BROADWAY	RTE 231	RT	22.70	6.00	-	-	-	-	-	15.20	16	30	TRANSITION SIDEWALK TO DRIVEWAY
484	18 OF 32	103+32.04	103+46.94	RTE 231/BROADWAY	RTE 231	LT	14.90	6.00	-	-	-	-	-	10.00	10	19	TRANSITION SIDEWALK TO DRIVEWAY
484	18 OF 32	103+34.36	103+97.06	RTE 231/BROADWAY	RTE 231	RT	62.70	6.00	-	-	-	-	-	41.80	42	30	-
484	18 OF 32	103+63.31	103+78.23	RTE 231/BROADWAY	RTE 231	LT	15.00	6.00	-	-	-	-	-	10.00	10	24	TRANSITION SIDEWALK TO DRIVEWAY
484	18 OF 32	103+78.23	104+02.44	RTE 231/BROADWAY	RTE 231	LT	24.30	6.00	-	-	-	-	-	16.20	17		-
484	18 OF 32	103+97.06	104+10.16	RTE 231/BROADWAY	RTE 231	RT	13.20	6.00	-	-	-	-	-	8.80	9	30	TRANSITION SIDEWALK TO DRIVEWAY
484	18 OF 32	104+02.44	104+16.12	RTE 231/BROADWAY	RTE 231	LT	13.70	6.00	-	-	-	-	-	9.20	10	12	TRANSITION SIDEWALK TO DRIVEWAY
484	18 OF 32	104+29.70	104+45.73	RTE 231/BROADWAY	RTE 231	LT	16.10	6.00	-	-	-	-	-	10.80	11	8	TRANSITION SIDEWALK TO DRIVEWAY
484	18 OF 32	104+30.93	104+59.69	RTE 231/BROADWAY	RTE 231	RT	28.80	6.00	-	-	-	-	-	19.20	20	-	-
485	19 OF 32	104+45.73	105+02.94	RTE 231/BROADWAY	RTE 231	LT	57.30	6.00	-	-	-	-	-	38.20	39	13	-
485	19 OF 32	104+74.51	104+89.06	RTE 231/BROADWAY	RTE 231	RT	14.60	6.00	-	-	-	-	-	9.80	10	6	TRANSITION SIDEWALK TO DRIVEWAY
485	19 OF 32	104+89.06	105+18.66	RTE 231/BROADWAY	RTE 231	RT	29.70	6.00	-	-	-	-	-	19.80	20	4	-
485	19 OF 32	105+02.94	105+18.13	RTE 231/BROADWAY	RTE 231	LT	15.20	6.00	-	-	-	-	-	10.20	11	13	TRANSITION SIDEWALK TO DRIVEWAY
485	19 OF 32	105+18.66	105+33.55	RTE 231/BROADWAY	RTE 231	RT	14.90	6.00	-	-	-	-	-	10.00	10	4	TRANSITION SIDEWALK TO DRIVEWAY
485	19 OF 32	105+32.07	105+47.26	RTE 231/BROADWAY	RTE 231	LT	15.20	6.00	-	-	-	-	-	10.20	11	5	TRANSITION SIDEWALK TO DRIVEWAY
485	19 OF 32	105+47.26	106+28.61	RTE 231/BROADWAY	RTE 231	LT	81.40	6.00	-	-	-	-	-	54.30	55	16	-
485	19 OF 32	105+52.54	105+67.54	RTE 231/BROADWAY	RTE 231	RT	15.00	6.00	-	-	-	-	-	10.00	10	4	TRANSITION SIDEWALK TO DRIVEWAY
									TABLE 10 SUBTOTALS		38	29	2	752.80	793	1,404	-

2 Revised

SUMMARY OF QUANTITIES
SHEET 62 OF 106

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/5/2025

ROUTE	STATE
231	MO
DISTRICT	SHEET NO.
SL	3

COUNTY ST. LOUIS

JOB NO. J6S3631

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
09/08/25	2 SODDING QUANTITY REVISED

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

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

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Hanson Professional Services Inc.
600 Washington Ave., Suite 950
St. Louis, Missouri 63101
Professional Engineer 001632
www.hansonengineers.com
314.770.0467

SIDEWALK AND ADA RAMPS (CONT.)

SHEET NO.	SPECIAL CURB DESIGN SHEET NO.	FROM STATION	TO STATION	ROADWAY	CENTERLINE	LOCATION	LENGTH (FT)	SIDEWALK WIDTH (FT)	SUGGESTED ADA RAMP TYPE	APPROX. ADA RAMP AREA (SQ YD)	ESTIMATED TYPE A CURB FOR ADA RAMP (LF)	TRUNCATED DOMES (SQ FT)	MISC. (CONCRETE CURB RAMP) (EA)	CONCRETE SIDEWALK, 4 IN. (SQ YD)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQ YD)	TURF TYPE TALL FESCUE SODDING (SQ YD)	REMARKS
485	19 OF 32	105+67.54	105+99.17	RTE 231/BROADWAY	RTE 231	RT	31.70	6.00	-	-	-	-	-	21.20	22	4	-
485	19 OF 32	105+99.17	106+13.86	RTE 231/BROADWAY	RTE 231	RT	14.70	6.00	-	-	-	-	-	9.80	10	3	TRANSITION SIDEWALK TO DRIVEWAY
485	19 OF 32	106+28.61	106+41.67	RTE 231/BROADWAY	RTE 231	LT	13.10	6.00	-	-	-	-	-	8.80	9	16	TRANSITION SIDEWALK TO DRIVEWAY
485	19 OF 32	106+34.36	106+47.49	RTE 231/BROADWAY	RTE 231	RT	13.20	6.00	-	-	-	-	-	8.80	9	-	-
485	19 OF 32	106+61.51	106+74.54	RTE 231/BROADWAY	RTE 231	LT	13.10	6.00	-	-	-	-	-	8.80	9	30	TRANSITION SIDEWALK TO DRIVEWAY
485	19 OF 32	106+74.54	107+47.58	RTE 231/BROADWAY	RTE 231	LT	73.10	6.00	-	-	-	-	-	48.80	49		-
485	19 OF 32	106+76.01	106+92.41	RTE 231/BROADWAY	RTE 231	RT	16.40	6.00	-	-	-	-	-	11.00	11	-	TRANSITION SIDEWALK TO DRIVEWAY
485	19 OF 32	106+92.41	107+47.58	RTE 231/BROADWAY	RTE 231	RT	55.20	6.00	-	-	-	-	-	36.80	37	-	-
485	19 OF 32	107+47.58	107+74.96	RTE 231/BROADWAY	RTE 231	LT	27.40	6.00	TYPE 3 PARALLEL	20.30	28	10	1	-	19	15	AT RIPA AVE
485	19 OF 32	107+47.58	107+72.58	RTE 231/BROADWAY	RTE 231	RT	25.00	6.00	TYPE 3 PARALLEL	12.50	25	10	1	-	17	-	AT RIPA AVE
485	19 OF 32	107+72.58	107+96.27	RTE 231/BROADWAY	RTE 231	RT	23.70	6.00	-	-	-	-	-	15.80	16	-	-
485	19 OF 32	107+74.96	107+81.70	RTE 231/BROADWAY	RTE 231	LT	6.80	6.00	-	-	-	-	-	4.60	5	-	-
485	19 OF 32	107+76.25	107+86.11	RTE 231/BROADWAY	RTE 231	LT	9.90	6.00	COMPOUND PERPENDICULAR	18.90	10	10	1	-	7	-	AT RIPA AVE
485	19 OF 32	107+89.12	107+96.63	RTE 231/BROADWAY	RTE 231	RT	7.60	6.00	TYPE 3 PARALLEL	11.50	8	10	1	-	6	-	AT RIPA AVE
485	19 OF 32	141+40.79	141+45.79	RIPA AVE	RIPA AVE	LT	5.00	6.00	COMPOUND PERPENDICULAR	6.70	5	22	1	-	4	-	AT RIPA AVE
485	19 OF 32	108+21.28	108+33.39	RTE 231/BROADWAY	RTE 231	RT	12.20	6.00	-	-	-	-	-	8.20	9	-	-
485	19 OF 32	108+21.63	108+47.06	RTE 231/BROADWAY	RTE 231	LT	25.50	6.00	DUAL PERPENDICULAR	29.50	26	21	1	-	17	-	AT RIPA AVE
485	19 OF 32	108+21.63	108+47.06	RTE 231/BROADWAY	RTE 231	LT	25.50	6.00	DUAL PERPENDICULAR	29.50	26	21	1	-	17	-	AT RIPA AVE
485	19 OF 32	108+33.00	108+39.00	RTE 231/BROADWAY	RTE 231	RT	6.00	6.00	COMPOUND PERPENDICULAR	8.80	6	22	1	-	4	-	AT RIPA AVE
485	19 OF 32	108+39.00	109+50.13	RTE 231/BROADWAY	RTE 231	RT	111.20	6.00	-	-	-	-	-	74.20	75	2	-
485	19 OF 32	108+47.06	108+88.28	RTE 231/BROADWAY	RTE 231	LT	41.30	6.00	-	-	-	-	-	27.60	28	33	-
485	19 OF 32	108+88.28	109+02.83	RTE 231/BROADWAY	RTE 231	LT	14.60	6.00	-	-	-	-	-	9.80	10		TRANSITION SIDEWALK TO DRIVEWAY
485	19 OF 32	109+16.09	109+31.29	RTE 231/BROADWAY	RTE 231	LT	15.30	6.00	-	-	-	-	-	10.20	11	66	TRANSITION SIDEWALK TO DRIVEWAY
485	19 OF 32	109+31.29	109+88.60	RTE 231/BROADWAY	RTE 231	LT	57.40	6.00	-	-	-	-	-	38.30	39		-
486	20 OF 32	109+50.13	109+64.77	RTE 231/BROADWAY	RTE 231	RT	14.70	6.00	-	-	-	-	-	9.80	10	4	TRANSITION SIDEWALK TO DRIVEWAY
486	20 OF 32	109+88.60	110+04.94	RTE 231/BROADWAY	RTE 231	LT	16.40	6.00	-	-	-	-	-	11.00	11	-	TRANSITION SIDEWALK TO DRIVEWAY
486	20 OF 32	109+99.40	110+14.03	RTE 231/BROADWAY	RTE 231	RT	14.70	6.00	-	-	-	-	-	9.80	10	38	TRANSITION SIDEWALK TO DRIVEWAY
486	20 OF 32	110+14.03	112+00.14	RTE 231/BROADWAY	RTE 231	RT	186.20	6.00	-	-	-	-	-	124.20	125		-
486	20 OF 32	110+25.94	110+41.13	RTE 231/BROADWAY	RTE 231	LT	15.20	6.00	-	-	-	-	-	10.20	11	-	TRANSITION SIDEWALK TO DRIVEWAY
486	20 OF 32	110+41.13	110+51.61	RTE 231/BROADWAY	RTE 231	LT	10.50	6.00	-	-	-	-	-	7.00	7	-	-
486	20 OF 32	110+51.61	110+65.62	RTE 231/BROADWAY	RTE 231	LT	14.10	6.00	-	-	-	-	-	9.40	10	-	TRANSITION SIDEWALK TO DRIVEWAY
486	20 OF 32	110+92.03	111+07.20	RTE 231/BROADWAY	RTE 231	LT	15.20	6.00	-	-	-	-	-	10.20	11	22	TRANSITION SIDEWALK TO DRIVEWAY
486	20 OF 32	111+07.20	111+73.20	RTE 231/BROADWAY	RTE 231	LT	66.00	6.00	-	-	-	-	-	44.00	44		-
486	20 OF 32	111+73.20	111+87.02	RTE 231/BROADWAY	RTE 231	LT	13.90	6.00	-	-	-	-	-	9.30	10		TRANSITION SIDEWALK TO DRIVEWAY
486	20 OF 32	112+00.14	112+13.95	RTE 231/BROADWAY	RTE 231	RT	13.90	6.00	-	-	-	-	-	9.30	10	-	TRANSITION SIDEWALK TO DRIVEWAY
486	20 OF 32	112+02.98	112+16.81	RTE 231/BROADWAY	RTE 231	LT	13.90	6.00	-	-	-	-	-	9.30	10	12	TRANSITION SIDEWALK TO DRIVEWAY
486	20 OF 32	112+16.81	112+42.97	RTE 231/BROADWAY	RTE 231	LT	26.20	6.00	-	-	-	-	-	17.50	18		-
486	20 OF 32	112+42.97	112+58.86	RTE 231/BROADWAY	RTE 231	LT	15.90	6.00	-	-	-	-	-	10.60	11		TRANSITION SIDEWALK TO DRIVEWAY
486	20 OF 32	112+60.21	112+75.40	RTE 231/BROADWAY	RTE 231	RT	15.20	6.00	-	-	-	-	-	10.20	11	13	TRANSITION SIDEWALK TO DRIVEWAY
486	20 OF 32	112+75.40	113+75.16	RTE 231/BROADWAY	RTE 231	RT	99.80	6.00	-	-	-	-	-	66.60	67		-
486	20 OF 32	113+21.66	113+31.34	RTE 231/BROADWAY	RTE 231	LT	9.70	6.00	-	-	-	-	-	6.50	7	9	TRANSITION SIDEWALK TO DRIVEWAY
486	20 OF 32	113+31.34	113+42.72	RTE 231/BROADWAY	RTE 231	LT	11.40	6.00	-	-	-	-	-	7.60	8		-
486	20 OF 32	113+42.72	113+48.76	RTE 231/BROADWAY	RTE 231	LT	6.10	6.00	SMALL RADIUS PERPENDICULAR	3.30	7	10	1	-	5		AT VIEHL AVE
486	20 OF 32	113+73.03	113+78.29	RTE 231/BROADWAY	RTE 231	LT	5.30	6.00	SMALL RADIUS PERPENDICULAR	3.10	6	10	1	-	4	7	AT VIEHL AVE
486	20 OF 32	113+75.16	113+91.50	RTE 231/BROADWAY	RTE 231	RT	16.40	6.00	-	-	-	-	-	11.00	11	4	TRANSITION SIDEWALK TO DRIVEWAY
486	20 OF 32	113+78.29	114+06.78	RTE 231/BROADWAY	RTE 231	LT	28.50	6.00	-	-	-	-	-	19.00	19	3	-
486	20 OF 32	114+06.78	114+13.32	RTE 231/BROADWAY	RTE 231	LT	6.60	6.00	-	-	-	-	-	4.40	5		TRANSITION SIDEWALK TO DRIVEWAY
									TABLE 11 SUBTOTALS		147	146	10	759.60	875	283	-

2 Revised

SUMMARY OF QUANTITIES
SHEET 63 OF 106

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

STATE OF MISSOURI
DENNIS J. KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

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DATE PREPARED 9/5/2025

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SL	3

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JOB NO. J6S3631

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DATE	DESCRIPTION
09/08/25	2 QUANTITY TABLE REVISED

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I:\22jobs\22H0100\CAD\Road\Sheet\003_QU_63_J6S3631_I1.dgn 9/5/2025

SIDEWALK AND ADA RAMPS (CONT.)

SHEET NO.	SPECIAL CURB DESIGN SHEET NO.	FROM STATION	TO STATION	ROADWAY	CENTERLINE	LOCATION	LENGTH (FT)	SIDEWALK WIDTH (FT)	SUGGESTED ADA RAMP TYPE	APPROX. ADA RAMP AREA (SQ YD)	ESTIMATED TYPE A CURB FOR ADA RAMP (LF)	TRUNCATED DOMES (SQ FT)	MISC. {CONCRETE CURB RAMP} (EA)	CONCRETE SIDEWALK, 4 IN. (SQ YD)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQ YD)	TURF TYPE TALL FESCUE SODDING (SQ YD)	REMARKS
486	20 OF 32	114+24.76	114+33.11	RTE 231/BROADWAY	RTE 231	LT	8.40	6.00	-	-	-	-	-	5.60	6	5	TRANSITION SIDEWALK TO DRIVEWAY
486	20 OF 32	114+33.11	114+50.05	RTE 231/BROADWAY	RTE 231	LT	17.00	6.00	-	-	-	-	-	11.40	12		-
486	20 OF 32	114+37.83	114+45.83	RTE 231/BROADWAY	RTE 231	RT	8.00	6.00	-	-	-	-	-	5.40	6	-	TRANSITION SIDEWALK TO DRIVEWAY
487	21 OF 32	114+45.83	114+49.30	RTE 231/BROADWAY	RTE 231	RT	3.50	6.00	-	-	-	-	-	2.40	3	-	-
487	21 OF 32	114+49.30	114+57.30	RTE 231/BROADWAY	RTE 231	RT	8.00	6.00	-	-	-	-	-	5.40	6	-	TRANSITION SIDEWALK TO DRIVEWAY
487	21 OF 32	114+50.05	114+55.89	RTE 231/BROADWAY	RTE 231	LT	5.90	6.00	-	-	-	-	-	4.00	4	1	TRANSITION SIDEWALK TO DRIVEWAY
487	21 OF 32	114+75.44	114+89.25	RTE 231/BROADWAY	RTE 231	LT	13.90	6.00	-	-	-	-	-	9.30	10	4	TRANSITION SIDEWALK TO DRIVEWAY
487	21 OF 32	114+89.25	115+26.94	RTE 231/BROADWAY	RTE 231	LT	37.70	6.00	-	-	-	-	-	25.20	26	3	-
487	21 OF 32	115+05.13	115+16.23	RTE 231/BROADWAY	RTE 231	RT	11.20	6.00	-	-	-	-	-	7.50	8	-	TRANSITION SIDEWALK TO DRIVEWAY
487	21 OF 32	115+16.23	115+23.09	RTE 231/BROADWAY	RTE 231	RT	6.90	6.00	-	-	-	-	-	4.60	5	-	-
487	21 OF 32	115+23.09	115+34.41	RTE 231/BROADWAY	RTE 231	RT	11.40	6.00	-	-	-	-	-	7.60	8	-	TRANSITION SIDEWALK TO DRIVEWAY
487	21 OF 32	115+26.94	115+40.67	RTE 231/BROADWAY	RTE 231	LT	13.80	6.00	-	-	-	-	-	9.20	10	3	TRANSITION SIDEWALK TO DRIVEWAY
487	21 OF 32	115+55.30	115+69.10	RTE 231/BROADWAY	RTE 231	LT	13.90	6.00	-	-	-	-	-	9.30	10	5	TRANSITION SIDEWALK TO DRIVEWAY
487	21 OF 32	115+67.40	115+81.20	RTE 231/BROADWAY	RTE 231	RT	13.90	6.00	-	-	-	-	-	9.30	10	21	TRANSITION SIDEWALK TO DRIVEWAY
487	21 OF 32	115+69.10	116+39.79	RTE 231/BROADWAY	RTE 231	LT	70.70	6.00	-	-	-	-	-	47.20	48	1	-
487	21 OF 32	115+81.20	115+99.76	RTE 231/BROADWAY	RTE 231	RT	18.60	6.00	-	-	-	-	-	12.40	13	43	-
487	21 OF 32	115+99.76	116+21.51	RTE 231/BROADWAY	RTE 231	RT	21.80	6.00	LARGE RADIUS PERPENDICULAR	12.20	22	25	1	-	15		AT E ARLEE AVE
487	21 OF 32	116+39.79	116+47.29	RTE 231/BROADWAY	RTE 231	LT	7.50	6.00	LARGE RADIUS PERPENDICULAR	13.00	8	21	1	-	5	-	AT W ARLEE AVE
487	21 OF 32	116+45.09	116+64.59	RTE 231/BROADWAY	RTE 231	RT	19.50	6.00	LARGE RADIUS PERPENDICULAR	13.70	20	14	1	-	13	-	AT E ARLEE AVE
487	21 OF 32	116+45.14	116+50.14	RTE 231/BROADWAY	RTE 231	RT	5.00	6.00	-	-	-	-	-	3.40	4	-	-
487	21 OF 32	116+64.59	117+32.72	RTE 231/BROADWAY	RTE 231	RT	68.20	6.00	-	-	-	-	-	45.50	46	-	-
487	21 OF 32	116+74.01	116+99.64	RTE 231/BROADWAY	RTE 231	LT	25.70	6.00	SMALL RADIUS PERPENDICULAR	20.90	26	11	1	-	18	4	AT W ARLEE AVE
487	21 OF 32	116+99.63	117+08.63	RTE 231/BROADWAY	RTE 231	CENTER	9.00	7.50	ISLAND CUT THROUGH	7.10	9	18	1	-	8	-	CONCRETE MEDIAN ISLAND
487	21 OF 32	116+99.63	117+08.63	RTE 231/BROADWAY	RTE 231	CENTER	9.00	7.00	ISLAND CUT THROUGH	7.10	9	18	1	-	7	-	CONCRETE MEDIAN ISLAND
487	21 OF 32	116+99.64	117+08.64	RTE 231/BROADWAY	RTE 231	LT	9.00	6.00	-	-	-	-	-	6.00	6	7	TRANSITION SIDEWALK TO DRIVEWAY
487	21 OF 32	117+08.71	117+34.56	RTE 231/BROADWAY	RTE 231	LT	25.90	6.00	-	-	-	-	-	17.30	18		-
487	21 OF 32	117+32.72	117+40.23	RTE 231/BROADWAY	RTE 231	RT	7.60	6.00	-	-	-	-	-	5.10	6	-	TRANSITION SIDEWALK TO DRIVEWAY
487	21 OF 32	117+34.56	117+48.50	RTE 231/BROADWAY	RTE 231	LT	14.00	6.00	-	-	-	-	-	9.40	10	2	TRANSITION SIDEWALK TO DRIVEWAY
487	21 OF 32	117+57.50	117+71.44	RTE 231/BROADWAY	RTE 231	LT	14.00	6.00	-	-	-	-	-	9.40	10	2	TRANSITION SIDEWALK TO DRIVEWAY
487	21 OF 32	117+70.23	117+88.09	RTE 231/BROADWAY	RTE 231	RT	17.90	6.00	-	-	-	-	-	12.00	12	-	-
487	21 OF 32	117+71.44	119+34.25	RTE 231/BROADWAY	RTE 231	LT	162.90	6.00	-	-	-	-	-	108.60	109	34	-
487	21 OF 32	118+16.38	118+43.74	RTE 231/BROADWAY	RTE 231	RT	27.40	6.00	-	-	-	-	-	18.30	19	34	TRANSITION SIDEWALK TO DRIVEWAY
487	21 OF 32	118+43.74	118+84.83	RTE 231/BROADWAY	RTE 231	RT	41.10	6.00	-	-	-	-	-	27.40	28		-
487	21 OF 32	118+84.54	118+89.88	RTE 231/BROADWAY	RTE 231	RT	5.40	6.00	-	-	-	-	-	3.60	4		-
487	21 OF 32	118+84.76	118+96.25	RTE 231/BROADWAY	RTE 231	RT	11.50	6.00	TYPE 1 PARALLEL	8.50	12	10	1	-	8	-	AT E FELTON AVE
487	21 OF 32	119+29.85	119+37.40	RTE 231/BROADWAY	RTE 231	RT	7.60	6.00	SMALL RADIUS PERPENDICULAR	5.90	8	14	1	-	6	-	AT E FELTON AVE
487	21 OF 32	119+34.25	119+41.73	RTE 231/BROADWAY	RTE 231	LT	7.50	6.00	SMALL RADIUS PERPENDICULAR	3.80	8	10	1	-	5	-	AT W FELTON AVE
487	21 OF 32	119+37.40	119+52.78	RTE 231/BROADWAY	RTE 231	RT	15.40	6.00	-	-	-	-	-	10.30	11	-	-
487	21 OF 32	119+52.78	119+59.34	RTE 231/BROADWAY	RTE 231	RT	6.60	6.00	-	-	-	-	-	4.40	5	-	TRANSITION SIDEWALK TO DRIVEWAY
487	21 OF 32	119+70.03	119+91.78	RTE 231/BROADWAY	RTE 231	LT	21.80	6.00	LARGE RADIUS PERPENDICULAR	12.20	22	25	1	-	15	-	AT W FELTON AVE
488	22 OF 32	119+91.78	121+79.43	RTE 231/BROADWAY	RTE 231	LT	187.70	6.00	-	-	-	-	-	125.20	126	23	-
488	22 OF 32	119+92.88	120+07.45	RTE 231/BROADWAY	RTE 231	RT	14.60	6.00	-	-	-	-	-	9.80	10	14	TRANSITION SIDEWALK TO DRIVEWAY
488	22 OF 32	120+07.45	120+51.88	RTE 231/BROADWAY	RTE 231	RT	44.50	6.00	-	-	-	-	-	29.70	30		-
488	22 OF 32	120+51.88	120+66.41	RTE 231/BROADWAY	RTE 231	RT	14.60	6.00	-	-	-	-	-	9.80	10		TRANSITION SIDEWALK TO DRIVEWAY
488	22 OF 32	120+78.26	120+97.45	RTE 231/BROADWAY	RTE 231	RT	19.20	6.00	-	-	-	-	-	12.80	13	8	-
									TABLE 12 SUBTOTALS		144	166	10	643.80	762	214	-

2 Revised

SUMMARY OF QUANTITIES
SHEET 64 OF 106

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

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DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

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314.770.0467

SIDEWALK AND ADA RAMPS (CONT.)

SHEET NO.	SPECIAL CURB DESIGN SHEET NO.	FROM STATION	TO STATION	ROADWAY	CENTERLINE	LOCATION	LENGTH (FT)	SIDEWALK WIDTH (FT)	SUGGESTED ADA RAMP TYPE	APPROX. ADA RAMP AREA (SQ YD)	ESTIMATED TYPE A CURB FOR ADA RAMP (LF)	TRUNCATED DOMES (SQ FT)	MISC. {CONCRETE CURB RAMP} (EA)	CONCRETE SIDEWALK, 4 IN. (SQ YD)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQ YD)	TURF TYPE TALL FESCUE SODDING (SQ YD)	REMARKS
488	22 OF 32	121+08.64	121+32.33	RTE 231/BROADWAY	RTE 231	RT	23.70	6.00	-	-	-	-	-	15.80	16	9	-
488	22 OF 32	121+44.48	121+71.59	RTE 231/BROADWAY	RTE 231	RT	27.20	6.00	-	-	-	-	-	18.20	19	-	-
488	22 OF 32	121+71.59	121+83.34	RTE 231/BROADWAY	RTE 231	RT	11.80	6.00	LARGE RADIUS PERPENDICULAR	5.50	12	25	1	-	8	-	AT E LORETTA AVE
488	22 OF 32	121+79.43	121+93.97	RTE 231/BROADWAY	RTE 231	LT	14.60	6.00	-	-	-	-	-	9.80	10	22	TRANSITION SIDEWALK TO DRIVEWAY
488	22 OF 32	122+04.34	122+37.84	RTE 231/BROADWAY	RTE 231	LT	33.50	6.00	-	-	-	-	-	22.40	23	-	-
488	22 OF 32	122+11.76	122+31.13	RTE 231/BROADWAY	RTE 231	RT	19.40	6.00	LARGE RADIUS PERPENDICULAR	9.80	20	25	1	-	13	-	AT E LORETTA AVE
488	22 OF 32	122+30.80	122+37.84	RTE 231/BROADWAY	RTE 231	LT	7.10	6.00	TYPE 3 PARALLEL	6.50	8	10	1	-	5	-	AT W LORETTA AVE
488	22 OF 32	122+63.13	122+67.98	RTE 231/BROADWAY	RTE 231	RT	4.90	6.00	-	-	-	-	-	3.30	4	-	TRANSITION SIDEWALK TO DRIVEWAY
488	22 OF 32	122+64.23	122+69.92	RTE 231/BROADWAY	RTE 231	LT	5.70	6.00	TYPE 3 PARALLEL	10.10	6	10	1	-	4	-	AT W LORETTA AVE
488	22 OF 32	122+64.23	122+80.41	RTE 231/BROADWAY	RTE 231	LT	16.20	6.00	-	-	-	-	-	10.80	11	-	TRANSITION SIDEWALK TO DRIVEWAY
488	22 OF 32	122+78.55	122+93.11	RTE 231/BROADWAY	RTE 231	RT	14.60	6.00	-	-	-	-	-	9.80	10	-	TRANSITION SIDEWALK TO DRIVEWAY
488	22 OF 32	122+80.41	124+44.99	RTE 231/BROADWAY	RTE 231	LT	164.60	6.00	-	-	-	-	-	109.80	110	-	-
488	22 OF 32	122+93.11	124+48.54	RTE 231/BROADWAY	RTE 231	RT	155.50	6.00	-	-	-	-	-	103.70	104	8	-
488	22 OF 32	124+44.99	124+57.96	RTE 231/BROADWAY	RTE 231	LT	13.00	6.00	-	-	-	-	-	8.70	9	-	TRANSITION SIDEWALK TO DRIVEWAY
488	22 OF 32	124+48.54	124+65.74	RTE 231/BROADWAY	RTE 231	RT	17.20	6.00	TYPE 1 PARALLEL	15.60	18	10	1	-	12	-	AT E HOLDEN AVE
488	22 OF 32	124+59.91	124+63.06	RTE 231/BROADWAY	RTE 231	RT	3.20	6.00	-	-	-	-	-	2.20	3	-	-
488	22 OF 32	124+88.11	125+01.08	RTE 231/BROADWAY	RTE 231	LT	13.00	6.00	-	-	-	-	-	8.70	9	-	TRANSITION SIDEWALK TO DRIVEWAY
488	22 OF 32	124+92.02	124+98.27	RTE 231/BROADWAY	RTE 231	RT	6.30	6.00	TYPE 3 PARALLEL	3.50	7	11	1	-	5	-	AT E HOLDEN AVE
488	22 OF 32	124+92.02	125+29.52	RTE 231/BROADWAY	RTE 231	RT	37.50	6.00	-	-	-	-	-	25.00	25	-	-
488	22 OF 32	124+94.30	124+97.36	RTE 231/BROADWAY	RTE 231	RT	3.10	6.00	-	-	-	-	-	2.10	3	-	-
489	23 OF 32	125+01.08	125+23.94	RTE 231/BROADWAY	RTE 231	LT	22.90	6.00	-	-	-	-	-	15.30	16	-	-
489	23 OF 32	125+23.94	125+31.48	RTE 231/BROADWAY	RTE 231	LT	7.60	6.00	TYPE 1 PARALLEL	8.10	8	10	1	-	6	-	AT W HOLDEN AVE
489	23 OF 32	125+54.35	125+75.77	RTE 231/BROADWAY	RTE 231	RT	21.50	6.00	-	-	-	-	-	14.40	15	-	TRANSITION SIDEWALK TO DRIVEWAY
489	23 OF 32	125+59.07	125+75.77	RTE 231/BROADWAY	RTE 231	LT	16.80	6.00	TYPE 1 PARALLEL	14.50	17	10	1	-	12	-	AT W HOLDEN AVE
489	23 OF 32	125+75.77	125+84.77	RTE 231/BROADWAY	RTE 231	LT	9.00	6.00	-	-	-	-	-	6.00	6	-	TRANSITION SIDEWALK TO DRIVEWAY
489	23 OF 32	125+75.77	125+84.77	RTE 231/BROADWAY	RTE 231	CENTER	9.00	7.50	ISLAND CUT THROUGH	7.20	9	18	1	-	8	-	CONCRETE MEDIAN ISLAND
489	23 OF 32	125+75.77	125+84.77	RTE 231/BROADWAY	RTE 231	CENTER	9.00	7.50	ISLAND CUT THROUGH	7.10	9	18	1	-	8	-	CONCRETE MEDIAN ISLAND
489	23 OF 32	125+75.77	125+99.45	RTE 231/BROADWAY	RTE 231	RT	23.70	6.00	-	-	-	-	-	15.80	16	-	-
489	23 OF 32	125+84.77	126+02.77	RTE 231/BROADWAY	RTE 231	LT	18.00	6.00	-	-	-	-	-	12.00	12	-	TRANSITION SIDEWALK TO DRIVEWAY
489	23 OF 32	125+99.45	126+14.32	RTE 231/BROADWAY	RTE 231	RT	14.90	6.00	-	-	-	-	-	10.00	10	-	TRANSITION SIDEWALK TO DRIVEWAY
489	23 OF 32	126+28.52	126+41.49	RTE 231/BROADWAY	RTE 231	LT	13.00	6.00	-	-	-	-	-	8.70	9	-	TRANSITION SIDEWALK TO DRIVEWAY
489	23 OF 32	126+34.94	126+49.80	RTE 231/BROADWAY	RTE 231	RT	14.90	6.00	-	-	-	-	-	10.00	10	-	TRANSITION SIDEWALK TO DRIVEWAY
489	23 OF 32	126+41.49	128+12.11	RTE 231/BROADWAY	RTE 231	LT	170.70	6.00	-	-	-	-	-	113.80	114	-	-
489	23 OF 32	126+49.80	127+24.16	RTE 231/BROADWAY	RTE 231	RT	74.40	6.00	-	-	-	-	-	49.60	50	-	-
489	23 OF 32	127+24.16	127+42.99	RTE 231/BROADWAY	RTE 231	RT	18.90	6.00	LARGE RADIUS PERPENDICULAR	11.00	19	20	1	-	13	-	AT E VELMA AVE
489	23 OF 32	127+66.45	127+85.28	RTE 231/BROADWAY	RTE 231	RT	18.90	6.00	LARGE RADIUS PERPENDICULAR	11.00	19	20	1	-	13	-	AT E VELMA AVE
489	23 OF 32	127+85.28	128+87.44	RTE 231/BROADWAY	RTE 231	RT	102.20	6.00	-	-	-	-	-	68.20	69	-	-
489	23 OF 32	128+12.11	128+30.89	RTE 231/BROADWAY	RTE 231	LT	18.80	6.00	LARGE RADIUS PERPENDICULAR	11.00	19	20	1	-	13	31	AT W VELMA AVE
489	23 OF 32	128+55.08	128+62.57	RTE 231/BROADWAY	RTE 231	LT	7.50	6.00	SMALL RADIUS PERPENDICULAR	3.80	8	10	1	-	5	-	AT W VELMA AVE
489	23 OF 32	128+62.57	128+81.55	RTE 231/BROADWAY	RTE 231	LT	19.00	6.00	-	-	-	-	-	12.70	13	-	-
489	23 OF 32	128+81.55	128+94.52	RTE 231/BROADWAY	RTE 231	LT	13.00	6.00	-	-	-	-	-	8.70	9	-	TRANSITION SIDEWALK TO DRIVEWAY
489	23 OF 32	128+87.44	129+06.09	RTE 231/BROADWAY	RTE 231	RT	18.70	6.00	-	-	-	-	-	12.50	13	-	TRANSITION SIDEWALK TO DRIVEWAY
489	23 OF 32	129+34.75	129+39.70	RTE 231/BROADWAY	RTE 231	LT	5.00	6.00	-	-	-	-	-	3.40	4	-	TRANSITION SIDEWALK TO DRIVEWAY
489	23 OF 32	129+39.70	129+57.09	RTE 231/BROADWAY	RTE 231	LT	17.40	6.00	-	-	-	-	-	11.60	12	-	-
489	23 OF 32	129+57.09	129+62.09	RTE 231/BROADWAY	RTE 231	LT	5.00	6.00	-	-	-	-	-	3.40	4	-	TRANSITION SIDEWALK TO DRIVEWAY
									TABLE 13 SUBTOTALS		179	217	14	726.40	863	70	-

2 Revised

SUMMARY OF QUANTITIES
SHEET 65 OF 106

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/5/2025

ROUTE	STATE
231	MO
DISTRICT	SHEET NO.
SL	3

COUNTY ST. LOUIS

JOB NO. J6S3631

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
09/08/25	2 SODDING QUANTITY REVISED

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

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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SIDEWALK AND ADA RAMPS (CONT.)

SHEET NO.	SPECIAL CURB DESIGN SHEET NO.	FROM STATION	TO STATION	ROADWAY	CENTERLINE	LOCATION	LENGTH (FT)	SIDEWALK WIDTH (FT)	SUGGESTED ADA RAMP TYPE	APPROX. ADA RAMP AREA (SQ YD)	ESTIMATED TYPE A CURB FOR ADA RAMP (LF)	TRUNCATED DOMES (SQ FT)	MISC. {CONCRETE CURB RAMP} (EA)	CONCRETE SIDEWALK, 4 IN. (SQ YD)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQ YD)	TURF TYPE TALL FESCUE SODDING (SQ YD)	REMARKS
489	23 OF 32	129+87.29	130+00.25	RTE 231/BROADWAY	RTE 231	LT	13.00	6.00	-	-	-	-	-	8.70	9	-	TRANSITION SIDEWALK TO DRIVEWAY
490	24 OF 32	129+99.78	130+17.00	RTE 231/BROADWAY	RTE 231	RT	17.30	6.00	-	-	-	-	-	11.60	12	-	TRANSITION SIDEWALK TO DRIVEWAY
490	24 OF 32	130+00.25	130+22.22	RTE 231/BROADWAY	RTE 231	LT	22.00	6.00	-	-	-	-	-	14.70	15	-	-
490	24 OF 32	130+17.00	130+27.00	RTE 231/BROADWAY	RTE 231	RT	10.00	6.00	-	-	-	-	-	6.70	7	-	-
490	24 OF 32	130+22.22	130+34.34	RTE 231/BROADWAY	RTE 231	LT	12.20	6.00	-	-	-	-	-	8.20	9	-	TRANSITION SIDEWALK TO DRIVEWAY
490	24 OF 32	130+27.00	130+38.75	RTE 231/BROADWAY	RTE 231	RT	11.80	6.00	LARGE RADIUS PERPENDICULAR	5.50	12	25	1	-	8	-	AT E ETTA AVE
490	24 OF 32	130+67.60	130+77.41	RTE 231/BROADWAY	RTE 231	RT	9.90	6.00	-	-	-	-	-	6.60	7	-	-
490	24 OF 32	130+68.57	130+77.41	RTE 231/BROADWAY	RTE 231	RT	8.90	6.00	SMALL RADIUS PERPENDICULAR	4.30	9	20	1	-	6	-	AT E ETTA AVE
490	24 OF 32	130+70.38	130+80.36	RTE 231/BROADWAY	RTE 231	LT	10.00	6.00	-	-	-	-	-	6.70	7	-	TRANSITION SIDEWALK TO DRIVEWAY
490	24 OF 32	130+77.41	130+97.36	RTE 231/BROADWAY	RTE 231	RT	20.00	6.00	TYPE 3 PARALLEL	13.30	20	19	1	-	14	18	-
490	24 OF 32	130+80.36	130+89.36	RTE 231/BROADWAY	RTE 231	LT	9.00	6.00	-	-	-	-	-	6.00	6	-	TRANSITION SIDEWALK TO DRIVEWAY
490	24 OF 32	130+80.36	130+89.36	RTE 231/BROADWAY	RTE 231	CENTER	9.00	7.00	ISLAND CUT THROUGH	7.00	9	18	1	-	7	-	CONCRETE MEDIAN ISLAND
490	24 OF 32	130+89.36	131+11.01	RTE 231/BROADWAY	RTE 231	LT	21.70	6.00	-	-	-	-	-	14.50	15	-	-
490	24 OF 32	130+97.36	131+24.59	RTE 231/BROADWAY	RTE 231	RT	27.30	6.00	-	-	-	-	-	18.20	19	4	-
490	24 OF 32	131+11.01	131+21.14	RTE 231/BROADWAY	RTE 231	LT	10.20	6.00	LARGE RADIUS PERPENDICULAR	11.50	11	22	1	-	7	-	AT W ETTA AVE
490	24 OF 32	131+24.59	131+38.54	RTE 231/BROADWAY	RTE 231	RT	14.00	6.00	-	-	-	-	-	9.40	10	4	TRANSITION SIDEWALK TO DRIVEWAY
490	24 OF 32	131+49.34	131+63.25	RTE 231/BROADWAY	RTE 231	RT	14.00	6.00	-	-	-	-	-	9.40	10	-	TRANSITION SIDEWALK TO DRIVEWAY
490	24 OF 32	131+49.43	131+62.95	RTE 231/BROADWAY	RTE 231	LT	13.60	6.00	SMALL RADIUS PERPENDICULAR	6.30	14	10	1	-	10	-	AT W ETTA AVE
490	24 OF 32	131+62.95	133+94.42	RTE 231/BROADWAY	RTE 231	LT	231.50	6.00	-	-	-	-	-	154.40	155	114	-
490	24 OF 32	131+63.25	131+99.27	RTE 231/BROADWAY	RTE 231	RT	36.10	6.00	-	-	-	-	-	24.10	25	-	-
490	24 OF 32	131+99.27	132+13.92	RTE 231/BROADWAY	RTE 231	RT	14.70	6.00	-	-	-	-	-	9.80	10	-	TRANSITION SIDEWALK TO DRIVEWAY
490	24 OF 32	132+26.16	132+40.86	RTE 231/BROADWAY	RTE 231	RT	14.80	6.00	-	-	-	-	-	9.90	10	10	TRANSITION SIDEWALK TO DRIVEWAY
490	24 OF 32	132+40.86	132+91.04	RTE 231/BROADWAY	RTE 231	RT	50.20	6.00	-	-	-	-	-	33.50	34		-
490	24 OF 32	132+91.04	133+12.78	RTE 231/BROADWAY	RTE 231	RT	21.80	6.00	LARGE RADIUS PERPENDICULAR	12.20	22	25	1	-	15	-	AT E CARTWRIGHT AVE
490	24 OF 32	133+44.29	133+54.69	RTE 231/BROADWAY	RTE 231	RT	10.40	6.00	LARGE RADIUS PERPENDICULAR	5.00	11	22	1	-	7	-	AT E CARTWRIGHT AVE
490	24 OF 32	133+54.69	133+78.73	RTE 231/BROADWAY	RTE 231	RT	24.10	6.00	-	-	-	-	-	16.10	17	19	-
490	24 OF 32	133+89.25	134+12.64	RTE 231/BROADWAY	RTE 231	RT	23.40	6.00	-	-	-	-	-	15.60	16	2	-
490	24 OF 32	133+94.42	134+16.58	RTE 231/BROADWAY	RTE 231	LT	22.20	6.00	LARGE RADIUS PERPENDICULAR	12.40	23	25	1	-	15	-	AT W CARTWRIGHT AVE
490	24 OF 32	134+19.93	134+34.63	RTE 231/BROADWAY	RTE 231	RT	14.70	6.00	-	-	-	-	-	9.80	10	13	TRANSITION SIDEWALK TO DRIVEWAY
490	24 OF 32	134+34.63	135+27.49	RTE 231/BROADWAY	RTE 231	RT	92.90	6.00	-	-	-	-	-	62.00	62		-
490	24 OF 32	134+47.30	134+69.04	RTE 231/BROADWAY	RTE 231	LT	21.80	6.00	LARGE RADIUS PERPENDICULAR	12.20	22	25	1	-	15	43	AT W CARTWRIGHT AVE
491	25 OF 32	134+69.04	136+90.83	RTE 231/BROADWAY	RTE 231	LT	221.80	6.00	-	-	-	-	-	147.90	148	56	-
491	25 OF 32	135+27.49	135+58.60	RTE 231/BROADWAY	RTE 231	RT	31.20	6.00	TYPE 1 PARALLEL	21.70	32	10	1	-	21	19	AT MANN ST
491	25 OF 32	135+48.74	135+54.20	RTE 231/BROADWAY	RTE 231	RT	5.50	6.00	-	-	-	-	-	3.70	4	-	-
491	25 OF 32	135+93.72	136+05.86	RTE 231/BROADWAY	RTE 231	RT	12.20	6.00	SMALL RADIUS PERPENDICULAR	6.10	13	11	1	-	9	10	AT MANN ST
491	25 OF 32	135+96.45	140+19.79	RTE 231/BROADWAY	RTE 231	RT	423.40	6.00	-	-	-	-	-	282.30	283	37	-
491	25 OF 32	135+99.51	136+09.36	RTE 231/BROADWAY	RTE 231	RT	9.90	6.00	-	-	-	-	-	6.60	7	-	-
491	25 OF 32	136+90.83	137+08.18	RTE 231/BROADWAY	RTE 231	LT	17.40	6.00	LARGE RADIUS PERPENDICULAR	10.40	18	18	1	-	12	-	AT VINCENT AVE
491	25 OF 32	137+22.44	137+47.41	RTE 231/BROADWAY	RTE 231	LT	25.00	6.00	-	-	-	-	-	16.70	17	162	-
491	25 OF 32	137+40.85	137+60.95	RTE 231/BROADWAY	RTE 231	LT	20.20	6.00	LARGE RADIUS PERPENDICULAR	11.50	21	22	1	-	14		AT VINCENT AVE
491	25 OF 32	137+60.95	139+87.34	RTE 231/BROADWAY	RTE 231	LT	226.40	6.00	-	-	-	-	-	151.00	151		-
492	26 OF 32	139+87.34	139+99.57	RTE 231/BROADWAY	RTE 231	LT	12.30	6.00	-	-	-	-	-	8.20	9	-	TRANSITION SIDEWALK TO DRIVEWAY
492	26 OF 32	140+12.82	140+19.79	RTE 231/BROADWAY	RTE 231	RT	7.00	6.00	TYPE 1 PARALLEL	21.20	7	10	1	-	5	24	AT E GOETZ AVE
492	26 OF 32	140+12.82	140+18.90	RTE 231/BROADWAY	RTE 231	RT	6.10	33.00	-	-	-	-	-	22.40	23	-	-
492	26 OF 32	140+25.64	140+38.61	RTE 231/BROADWAY	RTE 231	LT	13.00	6.00	-	-	-	-	-	8.70	9	-	TRANSITION SIDEWALK TO DRIVEWAY
									TABLE 14 SUBTOTALS		244	282	15	1,103.40	1,281	535	-

2 Revised

SUMMARY OF QUANTITIES
SHEET 66 OF 106

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/5/2025

ROUTE	STATE
231	MO
DISTRICT	SHEET NO.
SL	3

COUNTY ST. LOUIS

JOB NO. J6S3631

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
09/08/25	2 SODDING QUANTITY REVISED

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

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Professional Engineer 001632
www.hansonpros.com
314.770.0467

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

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

SIDEWALK AND ADA RAMPS (CONT.)

SHEET NO.	SPECIAL CURB DESIGN SHEET NO.	FROM STATION	TO STATION	ROADWAY	CENTERLINE	LOCATION	LENGTH (FT)	SIDEWALK WIDTH (FT)	SUGGESTED ADA RAMP TYPE	APPROX. ADA RAMP AREA (SQ YD)	ESTIMATED TYPE A CURB FOR ADA RAMP (LF)	TRUNCATED DOMES (SQ FT)	MISC. {CONCRETE CURB RAMP} (EA)	CONCRETE SIDEWALK, 4 IN. (SQ YD)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQ YD)	TURF TYPE TALL FESCUE SODDING (SQ YD)	REMARKS
492	26 OF 32	140+38.61	141+54.75	RTE 231/BROADWAY	RTE 231	LT	116.20	6.00	-	-	-	-	-	77.50	78	-	-
492	26 OF 32	140+46.36	140+53.03	RTE 231/BROADWAY	RTE 231	RT	6.70	6.00	TYPE 1 PARALLEL	15.50	7	10	1	-	5	-	AT E GOETZ AVE
492	26 OF 32	140+47.21	140+81.47	RTE 231/BROADWAY	RTE 231	RT	34.30	6.00	-	-	-	-	-	22.90	23	-	-
492	26 OF 32	140+50.15	140+53.35	RTE 231/BROADWAY	RTE 231	RT	3.30	11.00	-	-	-	-	-	4.10	5	-	-
492	26 OF 32	140+81.47	140+95.53	RTE 231/BROADWAY	RTE 231	RT	14.10	6.00	-	-	-	-	-	9.40	10	-	TRANSITION SIDEWALK TO DRIVEWAY
492	26 OF 32	141+30.66	141+40.53	RTE 231/BROADWAY	RTE 231	RT	9.90	11.00	-	-	-	-	-	12.10	13	-	-
492	26 OF 32	141+54.75	141+60.92	RTE 231/BROADWAY	RTE 231	LT	6.20	6.00	-	-	-	-	-	4.20	5	-	-
492	26 OF 32	141+54.75	141+63.16	RTE 231/BROADWAY	RTE 231	LT	8.50	6.00	SMALL RADIUS PERPENDICULAR	16.80	9	10	1	-	6	-	AT MILITARY RD
492	26 OF 32	141+75.53	141+95.39	RTE 231/BROADWAY	RTE 231	RT	19.90	11.00	-	-	-	-	-	24.40	25	-	-
492	26 OF 32	141+90.29	142+01.79	RTE 231/BROADWAY	RTE 231	LT	11.50	6.00	SMALL RADIUS PERPENDICULAR	7.70	12	12	1	-	8		AT MILITARY RD
492	26 OF 32	141+90.29	141+95.29	RTE 231/BROADWAY	RTE 231	LT	5.00	6.00	-	-	-	-	-	3.40	4	21	-
492	26 OF 32	142+01.79	142+42.16	RTE 231/BROADWAY	RTE 231	LT	40.40	6.00	-	-	-	-	-	27.00	27		-
492	26 OF 32	142+30.25	142+44.26	RTE 231/BROADWAY	RTE 231	RT	14.10	6.00	-	-	-	-	-	9.40	10	-	TRANSITION SIDEWALK TO DRIVEWAY
492	26 OF 32	142+42.16	142+54.97	RTE 231/BROADWAY	RTE 231	LT	12.90	6.00	-	-	-	-	-	8.60	9	-	TRANSITION SIDEWALK TO DRIVEWAY
492	26 OF 32	142+44.26	142+94.69	RTE 231/BROADWAY	RTE 231	RT	50.50	11.00	-	-	-	-	-	61.80	62	13	-
492	26 OF 32	142+83.22	142+92.09	RTE 231/BROADWAY	RTE 231	LT	8.90	6.00	-	-	-	-	-	6.00	6	-	TRANSITION SIDEWALK TO DRIVEWAY
492	26 OF 32	142+92.09	142+99.59	RTE 231/BROADWAY	RTE 231	LT	7.50	6.00	DUAL PERPENDICULAR	17.70	8	13	1	-	5	-	AT HOFFMEISTER AVE
492	26 OF 32	142+92.09	142+99.59	RTE 231/BROADWAY	RTE 231	LT	7.50	6.00	DUAL PERPENDICULAR	17.70	8	13	1	-	5	-	AT HOFFMEISTER AVE
492	26 OF 32	142+92.09	143+04.42	RTE 231/BROADWAY	RTE 231	LT	12.40	6.00	-	-	-	-	-	8.30	9	-	-
492	26 OF 32	142+84.69	143+05.51	RTE 231/BROADWAY	RTE 231	RT	20.90	6.00	LARGE RADIUS PERPENDICULAR	20.70	21	36	1	-	14	13	AT HOFFMEISTER AVE
492	26 OF 32	142+86.59	143+07.38	RTE 231/BROADWAY	RTE 231	LT	20.80	6.00	DUAL PERPENDICULAR	13.70	21	25	1	-	14	-	AT HOFFMEISTER AVE
492	26 OF 32	142+86.59	143+07.38	RTE 231/BROADWAY	RTE 231	LT	20.80	6.00	DUAL PERPENDICULAR	13.70	21	25	1	-	14	-	AT HOFFMEISTER AVE
492	26 OF 32	143+49.18	143+55.18	RTE 231/BROADWAY	RTE 231	LT	6.00	6.00	TYPE 1 PARALLEL	20.90	6	10	1	-	4	-	AT HOFFMEISTER AVE
492	26 OF 32	143+49.18	143+72.75	RTE 231/BROADWAY	RTE 231	LT	23.60	6.00	-	-	-	-	-	15.80	16	-	-
492	26 OF 32	240+86.07	240+96.07	HOFFMEISTER AVE	HOFFMEISTER AVE	RT	10.00	6.00	DUAL PERPENDICULAR	8.60	10	10	1	-	7	-	AT HOFFMEISTER AVE
492	26 OF 32	143+57.50	143+88.22	RTE 231/BROADWAY	RTE 231	RT	30.80	6.00	DUAL PERPENDICULAR	15.00	31	10	1	-	21	19	AT HOFFMEISTER AVE
492	26 OF 32	143+67.79	143+92.79	RTE 231/BROADWAY	RTE 231	LT	25.00	6.00	TYPE 3 PARALLEL	17.60	25	10	1	-	17	-	AT HOFFMEISTER AVE
492	26 OF 32	143+87.75	146+62.71	RTE 231/BROADWAY	RTE 231	LT	275.00	6.00	-	-	-	-	-	183.40	184	9	-
492	26 OF 32	143+88.22	144+34.26	RTE 231/BROADWAY	RTE 231	RT	46.10	11.00	-	-	-	-	-	56.40	57	19	-
493	27 OF 32	146+62.71	146+78.46	RTE 231/BROADWAY	RTE 231	LT	15.80	6.00	-	-	-	-	-	10.60	11	22	TRANSITION SIDEWALK TO DRIVEWAY
493	27 OF 32	147+09.99	147+24.62	RTE 231/BROADWAY	RTE 231	LT	14.70	6.00	-	-	-	-	-	9.80	10	-	TRANSITION SIDEWALK TO DRIVEWAY
493	27 OF 32	147+24.62	147+54.40	RTE 231/BROADWAY	RTE 231	LT	29.80	6.00	-	-	-	-	-	19.90	20	-	-
493	27 OF 32	147+54.40	147+67.37	RTE 231/BROADWAY	RTE 231	LT	13.00	6.00	-	-	-	-	-	8.70	9	-	TRANSITION SIDEWALK TO DRIVEWAY
493	27 OF 32	148+32.87	148+49.22	RTE 231/BROADWAY	RTE 231	LT	16.40	6.00	-	-	-	-	-	11.00	11	-	TRANSITION SIDEWALK TO DRIVEWAY
493	27 OF 32	148+49.22	149+15.43	RTE 231/BROADWAY	RTE 231	LT	66.30	6.00	-	-	-	-	-	44.20	45	14	-
493	27 OF 32	149+15.43	149+30.97	RTE 231/BROADWAY	RTE 231	LT	15.60	6.00	-	-	-	-	-	10.40	11		TRANSITION SIDEWALK TO DRIVEWAY
493	27 OF 32	149+80.08	149+90.07	RTE 231/BROADWAY	RTE 231	LT	10.00	6.00	-	-	-	-	-	6.70	7	-	TRANSITION SIDEWALK TO DRIVEWAY
493	27 OF 32	149+90.07	150+66.09	RTE 231/BROADWAY	RTE 231	LT	76.10	6.00	-	-	-	-	-	50.80	51	-	-
494	28 OF 32	150+66.09	150+79.02	RTE 231/BROADWAY	RTE 231	LT	13.00	6.00	-	-	-	-	-	8.70	9	-	TRANSITION SIDEWALK TO DRIVEWAY
494	28 OF 32	151+27.63	151+37.31	RTE 231/BROADWAY	RTE 231	LT	9.70	6.00	-	-	-	-	-	6.50	7	-	TRANSITION SIDEWALK TO DRIVEWAY
494	28 OF 32	151+37.31	151+43.37	RTE 231/BROADWAY	RTE 231	LT	6.10	6.00	SMALL RADIUS PERPENDICULAR	3.40	7	10	1	-	5	-	AT WEISS AVE
494	28 OF 32	151+97.90	152+20.51	RTE 231/BROADWAY	RTE 231	LT	22.70	6.00	-	-	-	-	-	15.20	16	-	-
494	28 OF 32	152+09.87	152+22.19	RTE 231/BROADWAY	RTE 231	LT	12.40	6.00	TYPE 3 PARALLEL	12.20	13	10	1	-	9	-	AT WEISS AVE
494	28 OF 32	152+22.19	152+43.56	RTE 231/BROADWAY	RTE 231	LT	21.40	6.00	-	-	-	-	-	14.30	15	-	-
494	28 OF 32	153+23.38	153+36.50	RTE 231/BROADWAY	RTE 231	LT	13.20	6.00	-	-	-	-	-	8.80	9	-	TRANSITION SIDEWALK TO DRIVEWAY
494	28 OF 32	153+36.50	155+23.40	RTE 231/BROADWAY	RTE 231	LT	186.90	6.00	-	-	-	-	-	124.60	125	15	-
495	29 OF 32	155+23.40	155+32.07	RTE 231/BROADWAY	RTE 231	LT	8.70	6.00	SMALL RADIUS PERPENDICULAR	5.10	9	10	1	-	6	-	AT HORN AVE
495	29 OF 32	155+23.40	155+24.25	RTE 231/BROADWAY	RTE 231	LT	12.20	6.00	-	-	-	-	-	8.20	9	-	-
									TABLE 15 SUBTOTALS		208	214	15	893.10	1,048	147	-

2 Revised

SUMMARY OF QUANTITIES
SHEET 67 OF 106

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/5/2025

ROUTE	STATE
231	MO
DISTRICT	SHEET NO.
SL	3

COUNTY ST. LOUIS

JOB NO. J6S3631

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
09/08/25	2 SODDING QUANTITY REVISED

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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SIDEWALK AND ADA RAMPS (CONT.)

SHEET NO.	SPECIAL CURB DESIGN SHEET NO.	FROM STATION	TO STATION	ROADWAY	CENTERLINE	LOCATION	LENGTH (FT)	SIDEWALK WIDTH (FT)	SUGGESTED ADA RAMP TYPE	APPROX. ADA RAMP AREA (SQ YD)	ESTIMATED TYPE A CURB FOR ADA RAMP (LF)	TRUNCATED DOMES (SQ FT)	MISC. {CONCRETE CURB RAMP} (EA)	CONCRETE SIDEWALK, 4 IN. (SQ YD)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQ YD)	TURF TYPE TALL FESCUE SODDING (SQ YD)	REMARKS
495	29 OF 32	155+61.04	155+74.62	RTE 231/BROADWAY	RTE 231	LT	13.60	6.00	-	-	-	-	-	9.10	10	-	-
495	29 OF 32	155+69.88	155+79.35	RTE 231/BROADWAY	RTE 231	LT	9.50	6.00	TYPE 1 PARALLEL	7.50	10	10	1	-	7	19	AT HORN AVE
495	29 OF 32	155+79.35	156+12.49	RTE 231/BROADWAY	RTE 231	LT	33.20	6.00	-	-	-	-	-	22.20	23		-
495	29 OF 32	156+12.49	156+29.16	RTE 231/BROADWAY	RTE 231	LT	16.70	6.00	-	-	-	-	-	11.20	12		TRANSITION SIDEWALK TO DRIVEWAY
495	29 OF 32	156+42.28	156+58.89	RTE 231/BROADWAY	RTE 231	LT	16.70	6.00	-	-	-	-	-	11.20	12	6	TRANSITION SIDEWALK TO DRIVEWAY
495	29 OF 32	156+58.89	157+67.55	RTE 231/BROADWAY	RTE 231	LT	108.70	6.00	-	-	-	-	-	72.50	73		-
495	29 OF 32	157+67.55	157+87.35	RTE 231/BROADWAY	RTE 231	LT	19.90	6.00	-	-	-	-	-	13.30	14	25	TRANSITION SIDEWALK TO DRIVEWAY
495	29 OF 32	158+25.93	158+45.73	RTE 231/BROADWAY	RTE 231	LT	19.80	6.00	-	-	-	-	-	13.20	14	45	TRANSITION SIDEWALK TO DRIVEWAY
495	29 OF 32	158+45.73	161+14.54	RTE 231/BROADWAY	RTE 231	LT	268.90	6.00	-	-	-	-	-	179.30	180		-
496	30 OF 32	161+14.54	161+32.69	RTE 231/BROADWAY	RTE 231	LT	18.20	6.00	SMALL RADIUS PERPENDICULAR	11.10	19	21	1	-	13	75	AT WALLER AVE
496	30 OF 32	161+55.65	161+79.78	RTE 231/BROADWAY	RTE 231	LT	24.20	6.00	LARGE RADIUS PERPENDICULAR	12.70	25	28	1	-	17	58	AT WALLER AVE
496	30 OF 32	161+79.78	164+14.81	RTE 231/BROADWAY	RTE 231	LT	235.10	6.00	-	-	-	-	-	156.80	157		-
496	30 OF 32	164+14.81	164+29.20	RTE 231/BROADWAY	RTE 231	LT	14.40	6.00	-	-	-	-	-	9.60	10	-	TRANSITION SIDEWALK TO DRIVEWAY
496	30 OF 32	164+59.26	164+63.66	RTE 231/BROADWAY	RTE 231	LT	4.50	6.00	-	-	-	-	-	3.00	3	-	TRANSITION SIDEWALK TO DRIVEWAY
496	30 OF 32	164+63.66	164+80.90	RTE 231/BROADWAY	RTE 231	LT	17.30	6.00	-	-	-	-	-	11.60	12	-	-
496	30 OF 32	164+80.90	164+90.48	RTE 231/BROADWAY	RTE 231	LT	9.60	6.00	LARGE RADIUS PERPENDICULAR	4.80	10	21	1	-	7	-	AT KAYSER AVE
496	30 OF 32	165+28.67	165+37.31	RTE 231/BROADWAY	RTE 231	LT	8.70	6.00	LARGE RADIUS PERPENDICULAR	4.60	9	20	1	-	6	-	AT KAYSER AVE
496	30 OF 32	165+37.31	165+50.39	RTE 231/BROADWAY	RTE 231	LT	13.10	6.00	-	-	-	-	-	8.80	9	-	TRANSITION SIDEWALK TO DRIVEWAY
497	31 OF 32	165+74.49	166+81.87	RTE 231/BROADWAY	RTE 231	RT	107.40	11.00	-	-	-	-	-	131.30	132	48	-
497	31 OF 32	165+82.82	166+11.25	RTE 231/BROADWAY	RTE 231	LT	28.50	6.00	-	-	-	-	-	19.00	19	40	-
497	31 OF 32	166+43.88	166+57.22	RTE 231/BROADWAY	RTE 231	LT	13.40	6.00	-	-	-	-	-	9.00	9		TRANSITION SIDEWALK TO DRIVEWAY
497	31 OF 32	166+57.22	166+78.70	RTE 231/BROADWAY	RTE 231	LT	21.50	6.00	-	-	-	-	-	14.40	15		-
497	31 OF 32	166+78.70	166+85.29	RTE 231/BROADWAY	RTE 231	LT	6.60	6.00	BLENDED TRANSITION	17.20	7	39	1	-	5		AT RIVER CITY CASINO BLVD
497	31 OF 32	166+78.70	166+85.29	RTE 231/BROADWAY	RTE 231	LT	6.60	6.00	BLENDED TRANSITION	17.20	7	39	1	-	5		AT RIVER CITY CASINO BLVD
497	31 OF 32	166+81.87	166+96.66	RTE 231/BROADWAY	RTE 231	RT	14.80	6.00	BLENDED TRANSITION	16.50	15	37	1	-	10		AT RIVER CITY CASINO BLVD
497	31 OF 32	166+81.87	166+96.66	RTE 231/BROADWAY	RTE 231	RT	14.80	6.00	BLENDED TRANSITION	16.50	15	37	1	-	10	-	AT RIVER CITY CASINO BLVD
497	31 OF 32	166+84.87	167+04.24	RTE 231/BROADWAY	RTE 231	RT	19.40	11.00	-	-	-	-	-	23.80	24	-	-
497	31 OF 32	166+85.29	167+03.89	RTE 231/BROADWAY	RTE 231	LT	18.60	6.00	-	-	-	-	-	12.40	13	-	-
									TABLE 16 SUBTOTALS		117	252	9	731.70	821	316	-
									TABLE 1 SUBTOTAL		231	241	11	690.80	862	907	
									TABLE 2 SUBTOTAL		33	34	2	676.50	712	687	
									TABLE 3 SUBTOTAL		45	50	2	875.90	925	462	
									TABLE 4 SUBTOTAL		255	231	10	763.00	952	571	
									TABLE 5 SUBTOTAL		201	281	12	815.50	978	614	
									TABLE 6 SUBTOTAL		40	40	4	642.00	716	468	
									TABLE 7 SUBTOTAL		174	180	11	1,036.10	1,168	1,278	
									TABLE 8 SUBTOTAL		248	261	12	1,686.30	1,863	3,155	
									TABLE 9 SUBTOTAL		68	115	5	1,107.10	1,172	1,795	
									TABLE 10 SUBTOTAL		38	29	2	752.80	793	1,404	
									TABLE 11 SUBTOTAL		147	146	10	759.60	875	283	
									TABLE 12 SUBTOTAL		144	166	10	643.80	762	214	
									TABLE 13 SUBTOTAL		179	217	14	726.40	863	70	
									TABLE 14 SUBTOTAL		244	282	15	1,103.40	1,281	535	
									TABLE 15 SUBTOTAL		208	214	15	893.10	1,048	147	
									TABLE 16 SUBTOTAL		117	252	9	731.70	821	316	
									TOTAL		2,372	2,739	144	13,904.00	15,791	12,906	
									PAY TOTAL		**-**	**2,739**	**144**	**13,904.00**	**SEE SHEET 34 OF 106**	**SEE SHEET 83 OF 106**	

2 Revised

LOCATION	MISC. {STRUCTURAL SIDEWALK WITH REBAR} (SY)
VARIES	29
PAY TOTAL	**29**

SUMMARY OF QUANTITIES
SHEET 68 OF 106

STATE OF MISSOURI
DENNIS J. KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/5/2025

ROUTE	STATE
231	MO
DISTRICT	SHEET NO.
SL	~~68~~ 4

COUNTY ST. LOUIS
JOB NO. J6S3631
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION
09/08/25	2 SODDING QUANTITY & SHEET NUMBER REVISED

1 Revised

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

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

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314.770.0467

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

LIGHTING (CONT.)

SHEET NO.	SIGNAL SHEET NO.	FROM STATION	TO STATION	ROADWAY	CENTER LINE	LOCATION	POLE FOUNDATION (30 FT. OR 9.0 M MOUNTING HEIGHT) (EA)	MISC. {LIGHTING POLE, 30 FT. OR 9.0 M, TYPE AT TOP MOUNT} (EA)	MISC. {LUMINAIRE ARM, 6 FT. OR 1.8 M., TOP MOUNT} (EA)	MISC. {LUMINAIRE ARM, 10 FT. OR 3.0 M., TOP MOUNT} (EA)	MISC. {LUMINAIRE ARM, 12 FT. OR 3.6 M., TOP MOUNT} (EA)	LUMINAIRE, LED-A (EA)	CABLE, 10 AWG 1 CONDUCTOR, POLE AND BRACKET (LF)	CABLE-CONDUIT, 1 IN., 2 CONDUCTORS AND 1 BARE NEUTRAL, 8 AWG (LF)	CABLE, 8 AWG 1 CONDUCTOR (LF)	CONDUIT, 2 IN., RIGID IN TRENCH (LF)	CONDUIT, 4 IN., RIGID PUSHED (LF)	MISC. {COMBINATION PAD MOUNTED 120V POWER SUPPLY WITH UPS AND 240V DUAL METER LIGHTING CONTROL} (EA)	PULL BOX, PREFORMED CLASS 1 (EA)	REMARKS
326	37 OF 42	125+73.20	125+74.32	RTE 231/BROADWAY	RTE 231	RT	-	-	-	-	-	-	-	30	-	-	6	-	-	PULL BOX 1 TO CONTROLLER
326	37 OF 42	125+74.32	125+64.03	RTE 231/BROADWAY	RTE 231	RT	-	-	-	-	-	-	-	-	29	11	-	-	-	CONTROLLER TO POWER
326	37 OF 42	125+73.20	-	RTE 231/BROADWAY	RTE 231	RT	-	-	-	-	-	-	-	-	-	-	-		1	PULL BOX 1
326	37 OF 42	125+50.21	-	RTE 231/BROADWAY	RTE 231	LT	1	1	-	-	1	1	84	-	-	-	-	-	-	POLE L2
326	37 OF 42	125+64.03	-	RTE 231/BROADWAY	RTE 231	RT	-	-	-	-	-	-	-	-	-	-	-	1	-	POWER SUPPLY
327	38 OF 42	130+12.09	-	RTE 231/BROADWAY	RTE 231	RT	1	1	-	-	1	1	84	-	-	-	-	-	-	POLE L1
327	38 OF 42	130+12.09	130+79.01	RTE 231/BROADWAY	RTE 231	RT	-	-	-	-	-	-	-	83	-	-	68	-	-	PULL BOX 1 TO L1
327	38 OF 42	130+79.01	131+83.40	RTE 231/BROADWAY	RTE 231	LT/RT	-	-	-	-	-	-	-	136	-	-	118	-	-	PULL BOX 1 TO L2
327	38 OF 42	130+79.01	130+84.50	RTE 231/BROADWAY	RTE 231	RT	-	-	-	-	-	-	-	30	-	6	-	-	-	PULL BOX 1 TO CONTROLLER
327	38 OF 42	130+84.50	130+92.50	RTE 231/BROADWAY	RTE 231	RT	-	-	-	-	-	-	-	-	27	9	-	-	-	CONTROLLER TO POWER
327	38 OF 42	130+79.01	-	RTE 231/BROADWAY	RTE 231	RT	-	-	-	-	-	-	-	-	-	-	-		1	PULL BOX 1
327	38 OF 42	131+83.40	-	RTE 231/BROADWAY	RTE 231	LT	1	1	-	-	1	1	84	-	-	-	-	-	-	POLE L2
327	38 OF 42	130+92.50	-	RTE 231/BROADWAY	RTE 231	RT	-	-	-	-	-	-	-	-	-	-	-	1	-	POWER SUPPLY
						TABLE 3 SUBTOTAL	3	3	-	-	3	3	252	279	56	26	192	2	2	-
						TABLE 1 SUBTOTAL	5	5	2	1	2	5	392	814	80	244	404	2	3	
						TABLE 2 SUBTOTAL	6	6	-	-	6	6	504	628	54	18	458	3	3	
						TABLE 3 SUBTOTAL	3	3	-	-	3	3	252	279	56	26	192	2	2	
						TOTAL	14	14	2	1	11	14	1,148	1,721	190	288	1,054	7	8	
						PAY TOTAL	**14**	**14**	**2**	**1**	**11**	**14**	**1,150**	**1,720**	**190**	**288**	**1,054**	**7**	**8**	

REMOVAL OF IMPROVEMENTS - DRAINAGE PIPE REMOVAL

SHEET NO.	DRAINAGE PLAN SHEET	DRAINAGE PROFILE SHEET NUMBER	ROADWAY	CENTER LINE	STRUCTURE FROM	STRUCTURE TO	DRAINAGE PIPE (LF)
133 & 164	1 OF 31	1 OF 9	RTE. 231 / TELEGRAPH RD	RTE 231	1-2 MH	1-3 EX CGCI	11
134 & 164	2 OF 31	1 OF 9	RTE. 231 / TELEGRAPH RD	RTE 231	1-7 EX AI	1-6 MH	11
133 & 164	1 OF 31	1 OF 9	RTE. 231 / TELEGRAPH RD	RTE 231	1-1 EX CI	1-2 MH	4
135 & 165	3 OF 31	2 OF 9	RTE. 231 / TELEGRAPH RD	RTE 231	2-2 MH	EX STORM MH	11
135	3 OF 31	-	RTE. 231 / TELEGRAPH RD	RTE 231	HEADWALL	2-4 MH	11
135 & 165	3 OF 31	2 OF 9	RTE. 231 / TELEGRAPH RD	RTE 231	2-1 MH	EX STORM MH	11
135 & 165	3 OF 31	2 OF 9	RTE. 231 / TELEGRAPH RD	RTE 231	2-3 EX GI	2-2 MH	11
137 & 166	5 OF 31	3 OF 9	RTE. 231 / TELEGRAPH RD	RTE 231	10-3 MH	10-1 MH	11
136 & 166	4 OF 31	3 OF 9	RTE. 231 / TELEGRAPH RD	RTE 231	10-3 MH	10-1 MH	11
137 & 166	5 OF 31	3 OF 9	RTE. 231 / TELEGRAPH RD	RTE 231	4-1 MH	4-4 D	4
137 & 166	5 OF 31	3 OF 9	RTE. 231 / TELEGRAPH RD	RTE 231	4-4 D	EX STORM MH	11
138 & 167	6 OF 31	4 OF 9	RTE. 231 / TELEGRAPH RD	RTE 231	6-7 GI	6-11 MH	11
139 & 167	7 OF 31	4 OF 9	RTE. 231 / TELEGRAPH RD	RTE 231	6-11 MH	6-10 GI	33
139 & 167	7 OF 31	4 OF 9	RTE. 231 / TELEGRAPH RD	RTE 231	6-10 GI	6-6 EX GI	11
139 & 167	7 OF 31	4 OF 9	RTE. 231 / TELEGRAPH RD	RTE 231	6-1 MH	6-15 EX CI	11
139 & 167	7 OF 31	4 OF 9	RTE. 231 / TELEGRAPH RD	RTE 231	6-2 EX GI	6-3 EX GI	11
139 & 167	7 OF 31	4 OF 9	RTE. 231 / TELEGRAPH RD	RTE 231	6-3 EX GI	6-12 GI	27
139 & 167	7 OF 31	4 OF 9	RTE. 231 / TELEGRAPH RD	RTE 231	6-12 GI	6-4 EX GI	11
148 & 170	16 OF 31	7 OF 9	RTE. 231 / KINGSTON DR	RTE 231	12-26 EX AI	12-28 MH	36
148 & 170	16 OF 31	7 OF 9	RTE. 231 / KINGSTON DR	RTE 231	12-31 MH	12-30 EX AI	3
148 & 170	16 OF 31	7 OF 9	RTE. 231 / KINGSTON DR	RTE 231	12-28 MH	12-29 EX GI	4
148 & 170	16 OF 31	7 OF 9	RTE. 231 / KINGSTON DR	RTE 231	12-27 EX AI	12-28 MH	2
149 & 170	17 OF 31	7 OF 9	RTE. 231 / KINGSTON DR	RTE 231	15-2 CI	15-3 CI	56
150 & 170	18 OF 31	7 OF 9	RTE. 231 / KINGSTON DR	RTE 231	15-3 CI	15-1 EX GI	11
150 & 170	18 OF 31	7 OF 9	RTE. 231 / KINGSTON DR	RTE 231	15-3 CI	15-1 EX GI	11
150 & 170	18 OF 31	7 OF 9	RTE. 231 / KINGSTON DR	RTE 231	15-1 EX GI	EX STORM MH	11
150 & 171	18 OF 31	8 OF 9	RTE. 231 / BROADWAY ST	RTE 231	18-9B PD	18-9 EX GI	11
150 & 171	18 OF 31	8 OF 9	RTE. 231 / BROADWAY ST	RTE 231	18-9 EX GI	18-8 PD	11
150 & 171	18 OF 31	8 OF 9	RTE. 231 / BROADWAY ST	RTE 231	18-12 CI	18-12B MH	43
154 & 172	22 OF 31	9 OF 9	RTE. 231 / BROADWAY ST	RTE 231	EX STORM MH	21-1 MH	29
154 & 172	22 OF 31	9 OF 9	RTE. 231 / BROADWAY ST	RTE 231	21-1 MH	EX STORM MH	10
154 & 172	22 OF 31	9 OF 9	RTE. 231 / BROADWAY ST	RTE 231	EX STORM MH	21-3B MH	6
154 & 172	22 OF 31	9 OF 9	RTE. 231 / BROADWAY ST	RTE 231	21-3B MH	EX STORM MH	11
PIPE REMOVALS INCLUDED IN REMOVAL OF IMPROVEMENTS PAY ITEM (SEE SHEET 23 OF 106 FOR PAY TOTAL)							

2 Added

SUMMARY OF QUANTITIES
SHEET 82 OF 106

STATE OF MISSOURI
DENNIS J. KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/8/2025

ROUTE	STATE
231	MO
DISTRICT	SHEET NO.
SL	3

COUNTY: ST. LOUIS
JOB NO.: J6S3631
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION
09/03/25	2 QUANTITY TABLE ADDED

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

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

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St. Louis, Missouri 63101
Professional Engineer 001632
www.hansoninc.com
314.770.0467

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

DRAINAGE - ROCK QUANTITIES

SHEET NO.	DRAINAGE PLAN SHEET NO.	DRAINAGE PROFILE SHEET NO.	ROADWAY	CENTER LINE	STATION BEGIN	STATION END	OFFSET	LOCATION	LENGTH (FT)	WIDTH (FT)	DEPTH (FT)	TURF TYPE TALL FESCUE SODDING (SOD DITCH) (SQ YD)	FURNISHING TYPE 4 ROCK DITCH LINER (CY)	PLACING TYPE 4 ROCK DITCH LINER (CY)	FURNISHING TYPE 2 ROCK DITCH LINER (CY)	PLACING TYPE 2 ROCK DITCH LINER (CY)	BEDDING MATERIAL FOR ROCK DITCH LINER (CY)	PERMANENT EROSION CONTROL GEOTEXTILE (SY)	LINEAR GRADING CLASS 2 (STA)
143	11 OF 31	-	RTE 231/ Kingston Dr	RTE 231	66+39.29	66+55.04	35.73	LT	16.10	12.70	2.50	-	19.00	19.00	-	-	7.60	22.80	0.60
143	11 OF 31	-	RTE 231/ Kingston Dr	RTE 231	66+23.28	66+57.88	29.50	RT	34.00	41.60	2.50	-	131.00	131.00	-	-	52.40	157.20	0.80
144	12 OF 31	-	RTE 231/ Kingston Dr	RTE 231	70+41.95	70+53.06	39.39	RT	11.11	20.62	2.50	-	-	-	21.21	21.21	8.50	25.50	0.60
144	12 OF 31	-	RTE 231/ Kingston Dr	RTE 231	70+53.06	72+54.68	29.50	RT	192.60	30.50	2.50	-	544.00	544.00	-	-	217.60	652.70	2.40
143	11 OF 31	-	RTE 231/ Kingston Dr	RTE 231	66+55.04	66+92.73	35.73	LT	37.69	4.00	1.00	16.75	-	-	-	-	-	16.80	0.80
143 & 168	11 OF 31	5 OF 9	RTE 231/ Kingston Dr	RTE 231	67+25.64	68+04.14	33.67	RT	78.50	4.00	1.00	34.89	-	-	-	-	-	34.90	1.20
143	11 OF 31	-	RTE 231/ Kingston Dr	RTE 231	67+85.53	67+90.49	29.50	RT	4.96	3.66	1.00	2.02	-	-	-	-	-	2.10	0.50
143	11 OF 31	-	RTE 231/ Kingston Dr	RTE 231	68+38.67	69+63.68	37.39	LT	125.01	4.00	1.00	55.56	-	-	-	-	-	55.60	1.70
144	12 OF 31	-	RTE 231/ Kingston Dr	RTE 231	68+88.57	68+93.57	35.90	LT	5.00	1.51	1.00	0.84	-	-	-	-	-	0.90	0.50
144	12 OF 31	-	RTE 231/ Kingston Dr	RTE 231	69+22.60	69+27.60	36.12	LT	5.00	1.25	1.00	0.69	-	-	-	-	-	0.70	0.50
144	12 OF 31	-	RTE 231/ Kingston Dr	RTE 231	69+56.59	69+61.59	36.02	LT	5.00	1.31	1.00	0.73	-	-	-	-	-	0.80	0.50
144 & 168	12 OF 31	5 OF 9	RTE 231/ Kingston Dr	RTE 231	69+03.74	69+15.74	33.18	RT	12.00	4.00	1.00	-	-	-	1.78	1.78	-	5.40	0.60
144	12 OF 31	-	RTE 231/ Kingston Dr	RTE 231	69+03.75	69+08.75	29.50	RT	5.00	3.67	1.00	2.04	-	-	-	-	-	2.10	0.50
144 & 168	12 OF 31	5 OF 9	RTE 231/ Kingston Dr	RTE 231	69+15.74	69+73.74	33.54	RT	58.00	4.00	1.00	25.78	-	-	-	-	-	25.80	1.00
144	12 OF 31	-	RTE 231/ Kingston Dr	RTE 231	69+30.17	69+35.17	39.50	RT	5.00	3.93	1.00	2.18	-	-	-	-	-	2.20	0.50
144	12 OF 31	-	RTE 231/ Kingston Dr	RTE 231	69+56.59	69+61.59	29.38	RT	5.00	4.36	1.00	2.42	-	-	-	-	-	2.50	0.50
144	12 OF 31	-	RTE 231/ Kingston Dr	RTE 231	70+60.40	72+24.11	38.73	LT	163.71	4.00	1.00	72.76	-	-	-	-	-	72.80	2.10
144	12 OF 31	-	RTE 231/ Kingston Dr	RTE 231	70+78.66	70+83.66	35.83	LT	5.00	2.06	1.00	1.14	-	-	-	-	-	1.20	0.50
144	12 OF 31	-	RTE 231/ Kingston Dr	RTE 231	71+64.17	71+69.17	36.26	LT	5.00	2.95	1.00	1.64	-	-	-	-	-	1.70	0.50
144	12 OF 31	-	RTE 231/ Kingston Dr	RTE 231	71+98.17	72+03.17	36.47	LT	5.00	3.26	1.00	1.81	-	-	-	-	-	1.90	0.50
144	12 OF 31	-	RTE 231/ Kingston Dr	RTE 231	73+20.51	75+11.23	37.64	LT	190.72	4.00	1.00	84.76	-	-	-	-	-	84.80	2.40
144	12 OF 31	-	RTE 231/ Kingston Dr	RTE 231	73+31.10	73+36.10	36.64	LT	5.00	1.31	1.00	0.73	-	-	-	-	-	0.80	0.50
145	13 OF 31	-	RTE 231/ Kingston Dr	RTE 231	74+69.85	74+74.85	36.54	LT	5.00	0.86	1.00	0.48	-	-	-	-	-	0.50	0.50
144 & 168	12 OF 31	5 OF 9	RTE 231/ Kingston Dr	RTE 231	73+07.41	73+78.91	34.83	RT	71.50	4.00	1.00	31.78	-	-	-	-	-	31.80	1.20
144	12 OF 31	-	RTE 231/ Kingston Dr	RTE 231	73+31.10	73+36.10	29.50	RT	5.00	5.24	1.00	2.91	-	-	-	-	-	3.00	0.50
145 & 168	13 OF 31	5 OF 9	RTE 231/ Kingston Dr	RTE 231	73+78.91	73+90.91	35.09	RT	12.00	4.00	1.00	-	-	-	1.78	1.78	-	5.40	0.60
145	13 OF 31	5 OF 9	RTE 231/ Kingston Dr	RTE 231	74+55.19	74+90.62	33.64	RT	35.43	4.00	1.00	15.75	-	-	-	-	-	15.80	0.80
145	13 OF 31	-	RTE 231/ Kingston Dr	RTE 231	74+69.85	74+74.85	29.50	RT	5.00	4.20	1.00	2.33	-	-	-	-	-	2.40	0.50
145 & 168	13 OF 31	5 OF 9	RTE 231/ Kingston Dr	RTE 231	74+90.62	75+02.62	34.10	RT	12.00	4.00	1.00	-	-	-	1.78	1.78	-	5.40	0.60
145	13 OF 31	-	RTE 231/ Kingston Dr	RTE 231	75+89.14	77+86.43	37.31	LT	197.29	4.00	1.00	87.68	-	-	-	-	-	87.70	2.40
145	13 OF 31	-	RTE 231/ Kingston Dr	RTE 231	76+09.83	76+14.83	36.29	LT	5.00	1.10	1.00	0.61	-	-	-	-	-	0.70	0.50
145	13 OF 31	-	RTE 231/ Kingston Dr	RTE 231	77+28.05	77+33.05	36.32	LT	5.00	1.46	1.00	0.81	-	-	-	-	-	0.90	0.50
145	13 OF 31	-	RTE 231/ Kingston Dr	RTE 231	77+86.43	77+98.43	37.89	LT	12.00	4.00	1.00	-	-	-	1.78	1.78	-	5.40	0.60
145 & 168	13 OF 31	5 OF 9	RTE 231/ Kingston Dr	RTE 231	75+82.91	78+72.10	34.08	RT	289.19	4.00	1.00	128.53	-	-	-	-	-	128.60	3.30
145	13 OF 31	-	RTE 231/ Kingston Dr	RTE 231	76+09.83	76+14.83	29.50	RT	5.00	4.77	1.00	2.65	-	-	-	-	-	2.70	0.50
145	13 OF 31	-	RTE 231/ Kingston Dr	RTE 231	77+28.07	77+33.07	29.50	RT	5.00	4.76	1.00	2.64	-	-	-	-	-	2.70	0.50
146	14 OF 31	-	RTE 231/ Kingston Dr	RTE 231	78+74.96	78+79.96	29.50	RT	5.00	4.71	1.00	2.62	-	-	-	-	-	2.70	0.50
146 & 168	14 OF 31	5 OF 9	RTE 231/ Kingston Dr	RTE 231	78+72.10	78+84.10	34.22	RT	12.00	4.00	1.00	-	-	-	1.78	1.78	-	5.40	0.60
146	14 OF 31	-	RTE 231/ Kingston Dr	RTE 231	78+62.38	80+57.74	37.26	LT	195.36	4.00	1.00	86.83	-	-	-	-	-	86.90	2.40
146	14 OF 31	-	RTE 231/ Kingston Dr	RTE 231	78+78.71	78+83.71	36.52	LT	5.00	1.29	1.00	0.72	-	-	-	-	-	0.80	0.50
146	14 OF 31	-	RTE 231/ Kingston Dr	RTE 231	80+49.95	80+54.95	36.39	LT	5.00	0.19	1.00	0.11	-	-	-	-	-	0.20	0.50
146 & 168	14 OF 31	5 OF 9	RTE 231/ Kingston Dr	RTE 231	79+57.64	80+29.12	34.93	RT	71.48	4.00	1.00	31.77	-	-	-	-	-	31.80	1.20
146	14 OF 31	-	RTE 231/ Kingston Dr	RTE 231	79+84.01	79+88.99	30.55	RT	4.98	4.13	1.00	2.29	-	-	-	-	-	2.30	0.50
146	14 OF 31	-	RTE 231/ Kingston Dr	RTE 231	81+42.27	83+08.18	37.72	LT	165.91	4.00	1.00	73.74	-	-	-	-	-	73.80	2.10
146 & 169	14 OF 31	6 OF 9	RTE 231/ Kingston Dr	RTE 231	82+72.54	83+76.48	38.50	RT	103.94	4.00	1.00	46.20	-	-	-	-	-	46.20	1.50
147	15 OF 31	-	RTE 231/ Kingston Dr	RTE 231	84+01.77	85+54.21	35.80	LT	152.44	4.00	1.00	67.75	-	-	-	-	-	67.80	2.00
147 & 169	15 OF 31	6 OF 9	RTE 231/ Kingston Dr	RTE 231	84+54.29	84+66.29	38.69	RT	12.00	4.00	1.00	-	-	-	1.78	1.78	-	5.40	0.60
147 & 169	15 OF 31	6 OF 9	RTE 231/ Kingston Dr	RTE 231	84+66.29	86+63.11	38.33	RT	196.82	4.00	1.00	87.48	-	-	-	-	-	87.50	2.40
147	15 OF 31	-	RTE 231/ Kingston Dr	RTE 231	86+51.19	88+18.64	36.88	LT	167.45	4.00	1.00	74.42	-	-	-	-	-	74.50	2.10
147	15 OF 31	-	RTE 231/ Kingston Dr	RTE 231	87+19.23	90+78.06	39.91	RT	358.83	4.00	1.00	159.48	-	-	-	-	-	159.50	4.00
147	15 OF 31	-	RTE 231/ Kingston Dr	RTE 231	89+00.31	90+59.93	37.72	LT	159.62	4.00	1.00	70.94	-	-	-	-	-	71.00	2.00
148	16 OF 31	-	RTE 231/ Kingston Dr	RTE 231	90+07.85	90+12.85	36.26	LT	5.00	1.95	1.00	1.08	-	-	-	-	-	1.10	0.50
148	16 OF 31	-	RTE 231/ Kingston Dr	RTE 231	90+37.83	90+42.83	36.21	LT	5.00	2.44	1.00	1.36	-	-	-	-	-	1.40	0.50
QUANTITY FROM GUARDRAIL AND CRASHWORTHY END TERMINALS (SHEET 77 OF 106)												-	-	-	-	-	-	-	1.50
QUANTITY FROM SIDEWALK AND ADA RAMPS (SHEET 68 OF 106)												12,906.00	-	-	-	-	-	-	-
TOTAL												14,195.69	694.00	694.00	31.88	31.88	286.10	2,182.50	58.10
PAY TOTAL												**14,196**	**694**	**694**	**32**	**32**	**286**	**2,183**	**58**

2 Revised

SUMMARY OF QUANTITIES
SHEET 83 OF 106

LAYOUT	NS	01/2025
DRAWN	SMC	01/2025
REVIEWED	DJK	01/2025

STATE OF MISSOURI
DENNIS J KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 9/5/2025

ROUTE 231 | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. J6S3631
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION
09/08/25	2 SODDING QUANTITY REVISED

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

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

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