

CONCRETE SIDEWALK										
ROUTE	LOCATION	SHEET	SOUTH/NORTH	TRUNCATED DOMES	CURB RAMP	4" SIDEWALK	8" SIDEWALK	ADA LINEAR GRADING	SODDING	CONCRETE CURB TYPE S
			WEST/EAST							LESS/EQ 6"
										(1"-6")
Rte 152	at Green Hills Rd	52	WEST	19.0	14.8	51.0		188.0	41.8	
			EAST	13.0	11.7	10.1		26.0	5.8	
		53	WEST	77.0	10.9	49.2		24.0	5.3	
			EAST	74.0	19.6	41.0	30.1	142.0	31.6	
	NORTH					19.3				
	at NW Ambassador Dr	54	WEST			241.6		300.0	66.7	
		55	WEST	10.0	33.3	118.3		250.0	55.6	22.0
			EAST	20.0	19.1	10.0		40.0	8.9	16.0
I-29		at Barry Rd	56	NORTH	53.0	29.1	153.1		140.0	31.1
	SOUTH			30.0	18.3	133.7		160.0	35.6	
	57		NORTH	38.0	19.4	155.1		142.0	31.6	
			SOUTH	48.0	34.8	152.5		142.0	31.6	
Rte 45	Klamm to Cosby	58	NORTH	46.0	31.2					
		58	SOUTH	52.0	29.3					6.0
		59	NORTH							
		59	SOUTH							
		60	NORTH							
		60	SOUTH							
		61	NORTH							
		61	SOUTH	12.0	20.8					
		62	NORTH							
		63	NORTH							
	64	NORTH	25.0	15.0					16.0	
	Cosby to N. Chatham	64	NORTH	20.0	11.0			16.0	3.6	5.0
			SOUTH	58.0	58.7			98.0	21.8	22.0
			TOTALS	595.0	376.9	1115.6	49.4	1668.0	370.7	87.0

MISC. CONCRETE						
ROUTE	LOCATION	SHEET	SOUTH/NORTH	8" CONCRETE MEDIAN STRIP	4" TYPE 5 AGGR. FOR BASE	REMARKS
			WEST/EAST			
Rte 152	WB MO Rte 152 Exit Ramp	55	WEST	0.9	0.9	KANSAS CITY
Rte 45	At Klamm Dr	58	SOUTH	0.2	0.2	KANSAS CITY
	N Cosby Ave	64	NORTH	3.4	3.4	KANSAS CITY
			SOUTH	1.8	1.8	KANSAS CITY
			TOTALS	6.3	6.3	

PAVEMENT MARKING										
ROUTE	LOCATION	SHEET	INTERSECTING SIDEROAD	SOUTH/NORTH	PREFORMED THERMOPLASTIC PAVEMENT MARKING 30" WHITE MIDBLOCK	PREFORMED THERMOPLASTIC PAVEMENT MARKING 24" WHITE STOP BAR	PAVEMENT MARKING REMOVAL	PAVEMENT MARKING SYMBOL REMOVAL		
				WEST/EAST	EA	LF	LF	EA		
Rte 152	at Green Hills Rd	52	EB MO ROUTE 152 EXIT RAMP	WEST	12	25	166			
			EB MO ROUTE 152 ENTRANCE RAMP	EAST	11	20	150			
			GREEN HILLS RD	SOUTH	16	36	224			
			GREEN HILLS RD	NORTH		36	36			
		53	WB MO ROUTE 152 EXIT RAMP	EAST	10	24	142			
			WB MO ROUTE 152 ENTRANCE RAMP	WEST	10	24	142			
			GREEN HILLS RD	NORTH	12	35	176			
			GREEN HILLS RD	SOUTH		48	48			
	at NW Ambassador Dr	55	WB MO ROUTE 152 EXIT RAMP	NORTH	15	46	223			
I-29	at Barry Rd	56	SB I-29 EXIT RAMP	NORTH	13	24	177			
			SB I-29 ENTRANCE RAMP	SOUTH	9		106			
		57	NB I-29 EXIT RAMP	NORTH	8		94			
			NB I-29 ENTRANCE RAMP	SOUTH	14	24	189			
Rte 45	WB Klamm to Cosby	58	KLAMM RD	NORTH	13	31	31	13		
	EB Klamm to Lucerne			WEST	14	45	210	17		
				SOUTH	9	27	27	12		
				EAST	15	45	222	18		
	Cosby to N. Chatham	64	COSBY RD	NORTH	15	34	211	17		
				EAST	15	54	54	16		
				SOUTH	17	55	255	16		
				WEST	17	47	47	18		
				TOTALS	245	680	2930	127		

BP-1 PG 64-22 ASPHALT PAVEMENT												
ROUTE	LOCATION	SHEET	SOUTH/NORTH	ASPHALT PAVEMENT*	4 INCH BP-1 PG 64-22	ADA LINEAR GRADING	SODDING	REMARKS				
			WEST/EAST						SY	TONS	LF	SY
Rte 45	WB Klamm to Cosby	58	NORTH	181.8	40.1	462.0	102.7	KANSAS CITY				
		59	NORTH	373.3	82.3	560.0	124.4	KANSAS CITY				
		60	NORTH	373.3	82.3	560.0	124.4	KANSAS CITY				
		61	NORTH	388.0	85.5	560.0	124.4	KANSAS CITY				
		62	NORTH	373.3	82.3	770.0	171.1	KANSAS CITY				
		63	NORTH	387.0	85.3	1054.0	234.2	KANSAS CITY				
		64	NORTH	117.2	25.8	400.0	88.9	KANSAS CITY				
	EB Klamm to Lucerne	58	SOUTH	183.7	40.5	546.0	121.3	KANSAS CITY				
		59	SOUTH	374.3	82.5	560.0	124.4	KANSAS CITY				
		60	SOUTH	375.0	82.7	770.0	171.1	KANSAS CITY				
		61	SOUTH	149.6	33.0	492.0	109.3	KANSAS CITY				
				TOTALS	3276.5	722.3	6734.0	1496.4				

*FOR INFORMATION PURPOSES ONLY



ESTIMATE FACTORS

ASPHALT PAVEMENT MIXTURE

BP - 1.....1.984 TONS/CU. YD.

CONCRETE CURB & GUTTER						
ROUTE	LOCATION	SHEET	SOUTH/NORTH	CONCRETE CURB & GUTTER	4" TYPE 5 AGGR. FOR BASE	REMARKS
			WEST/EAST	TYPE B		
				LF	SY	
Rte 152	at NW Ambassador Dr	55	EAST	14.0	3.9	KANSAS CITY
I-29	at Barry Rd	56	NORTH	14.0	3.9	KANSAS CITY
			SOUTH	29.0	8.1	KANSAS CITY
		57	NORTH	32.0	8.9	KANSAS CITY
			SOUTH	39.0	10.8	KANSAS CITY
Rte 45	EB Klamm to Lucerne	58	SOUTH	54.0	15.0	KANSAS CITY
	Cosby to N. Chatham	61	SOUTH	12.0	3.3	KANSAS CITY
		64	SOUTH	31.0	8.6	KANSAS CITY
			TOTALS	225.0	62.5	

EROSION CONTROL						
ROUTE	LOCATION	SHEET	SOUTH/NORTH	CURB INLET CHECK	SEDIMENT REMOVAL	REMARKS
			WEST/EAST			
			EA	CY		
Rte 152	at Green Hills Rd	52	WEST	1.0	1.0	KANSAS CITY
	at NW Ambassador Dr	54	WEST	1.0	1.0	KANSAS CITY
		55	WEST	1.0	1.0	KANSAS CITY
I-29	at Barry Rd	58	NORTH	1.0	1.0	KANSAS CITY
			SOUTH	2.0	2.0	KANSAS CITY
		59	NORTH	1.0	1.0	KANSAS CITY
			SOUTH	1.0	1.0	KANSAS CITY
Rte 45	Cosby to N. Chatham	64	NORTH	1.0	1.0	KANSAS CITY
			SOUTH	1.0	1.0	KANSAS CITY
			TOTALS	9.0	9.0	

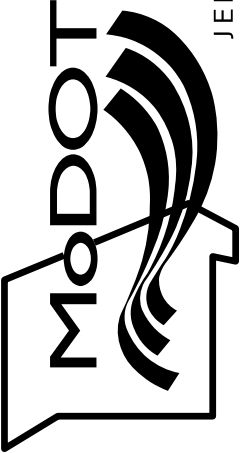


REVISED

PLATTE COUNTY SUMMARY OF QUANTITIES SHEET 5 OF 11

DATE	DESCRIPTION	ADJUST				
		5/7/25	2	-	QUANTITY	ADJUST

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



800 E 101st Terr., Ste. 200
Kansas City, MO 64131
Phone (816) 701-3100
Fax (816) 942-3013
Missouri Cert. of
Authority #2003007599

ENGINEERS & ARCHITECTS

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

EFFECTIVE: 04-01-2023															
SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN								
SIGN	IN.	SQ.FT.	EACH	SQ.FT.	EACH	SQ.FT.	NUM.								
WARNING SIGNS								DESCRIPTION							
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT ARROW)							
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT ARROW)							
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT ARROW)							
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT ARROW)							
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT ARROW)							
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT ARROW)							
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT ARROW)							
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT ARROW)							
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)							
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)							
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)							
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)							
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)							
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)							
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)							
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)							
WO1-8	18X24	3.00						CHEVRON (SYMBOL)							
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)							
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)							
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)							
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)							
WO3-4	48X48	16.00						BE PREPARED TO STOP							
WO3-5	48X48	16.00	58	928.00				SPEED LIMIT AHEAD							
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)							
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)							
WO4-1aL	48X48	16.00						MERGE (ARROW SYMBOL)							
WO4-1aR	48X48	16.00						MERGE (ARROW SYMBOL)							
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS							
WO5-3	48X48	16.00						ONE LANE BRIDGE							
WO5-5	48X48	16.00	58	928.00				NARROW LANES							
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)							
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)							
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)							
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)							
WO8-1	48X48	16.00						BUMP							
WO8-2	48X48	16.00						DIP							
WO8-3	48X48	16.00						PAVEMENT ENDS							
WO8-4	48X48	16.00						SOFT SHOULDER							
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)							
WO8-6	48X48	16.00						TRUCK CROSSING (WITH FLAGS)							
WO8-6c	48X48	16.00						TRUCK ENTRANCE							
WO8-7	36X36	9.00						LOOSE GRAVEL							
WO8-7a	36X36	9.00						FRESH OIL/LOOSE GRAVEL							
WO8-9	48X48	16.00						LOW SHOULDER							
WO8-11	48X48	16.00						UNEVEN LANES							
WO8-12	48X48	16.00						NO CENTER LINE							
WO8-15	48X48	16.00						GROOVED PAVEMENT							
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)							
WO8-17	48X48	16.00						SHOULDER DROP-OFF (SYMBOL)							
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)							
WO10-1	42RND.	9.62						RAILROAD CROSSING							
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)							
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)							
WO12-2X	24X18	3.00						LOW CLEARANCE (PLAQUE)							
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)							
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD							
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD							
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)							
WO16-2	30X24	5.00						XXX FEET (PLAQUE)							
WO16-3	30X24	5.00						X MILE (PLAQUE)							
WO20-1	48X48	16.00	58	928.00				ROAD/BRIDGE/RAMP WORK AHEAD							
WO20-2	48X48	16.00						DETOUR AHEAD							
WO20-3	48X48	16.00						ROAD CLOSED AHEAD							
WO20-4	48X48	16.00	58	928.00				ONE LANE ROAD AHEAD							
WO20-5	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED AHEAD							
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD							
WO20-6a	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED							
WO20-7a	48X48	16.00	58	928.00				FLAGGER (SYMBOL)							
WO21-2	36X36	9.00						FRESH OIL							
WO21-5	48X48	16.00	58	928.00				SHOULDER WORK AHEAD							
WO22-1	48X48	16.00						BLASTING ZONE AHEAD							
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE							
WO22-3	42X36	10.50						END BLASTING ZONE							
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)							

SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN								
SIGN	IN.	SQ.FT.	EACH	SQ.FT.	EACH	SQ.FT.	NUM.								
GUIDE SIGNS								DESCRIPTION							
E05-1	36X48	12.00						GORE EXIT							
E05-2	48X36	12.00						EXIT OPEN							
E05-2a	48X36	12.00						EXIT CLOSED							
GO20-1	60X24	10.00	58	580.00				ROAD WORK NEXT XX MILES							
GO20-2	48X24	8.00	58	464.00				END ROAD WORK							
GO20-4	36X18	4.50						PILOT CAR FOLLOW ME							
GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW							
GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW							
GO20-5aP	36X24	6.00	58	348.00				WORK ZONE (PLAQUE)							
MO4-8a	24X18	3.00						END DETOUR							
MO4-9L	48X36	12.00						DETOUR (LEFT ARROW)							
MO4-9R	48X36	12.00						DETOUR (RIGHT ARROW)							
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)							
MO4-10L	48X18	6.00						DETOUR (ARROW LEFT)							
MO4-10R	48X18	6.00						DETOUR (ARROW RIGHT)							
R1-1	48X48	13.25						STOP							
R1-2	48TRI.	6.93						YIELD							
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)							
R1-3P	30X12	2.50						ALL WAY (PLAQUE)							
R2-1	36X48	12.00						SPEED LIMIT XX							
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)							
R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)							
R3-3	36X36	9.00						NO TURNS							
R3-4	48X48	16.00						NO U-TURN (SYMBOL)							
R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT							
R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT							
R4-1	36X48	12.00						DO NOT PASS							
R4-2	36X48	12.00						PASS WITH CARE							
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)							
R4-7a</															