

MISC. CONCRETE PAVING										CONCRETE APPROACH PAVEMENT				
SHEET	STA.	STA.	ROUTE	ROCK BASE (12" THICK) FURN/PLACING (SY)	CONCRETE PAVEMENT (5 3/4 IN. NON-REINFORCED 15 FT JOINTS) (SY)	CONCRETE PAVEMENT (12 IN. NON-REINFORCED 15 FT JOINTS) (SY)	SHOULDER RUMBLE STRIP (STA)	MODIFIED SUBGRADE (SY)	REMARKS	SHEET	STA.	STA.	ROUTE	CONCRETE APPROACH PAVEMENT (SY)
34	786+64.38	786+89.38	I-70	11		11.1		11	FOR CRASH CUSHION	62	1407+75.67	1407+93.95	I-70	178.8
58	1374+00.00	1378+00.00	I-70	567	239.1	327.4	16.0	567	FOR MODIFIED MEDIAN BARRIER	62	1409+87.70	1410+05.98	I-70	178.8
60	1378+00.00	1393+50.00	I-70	2,195	926.5	1,268.5	62.0	2,195	FOR MODIFIED MEDIAN BARRIER	TOTAL				357.6
TOTAL:				2,773	1,165.6	1,607.0	78.0	2,773						

NOTES:
1) PAVEMENT EDGE DROP-OFF TREATMENT SHALL BE INCIDENTAL TO PAVING OPERATIONS.

ASPHALT ESTIMATING FACTORS:
1) PG 64-22 SP250C - 2.036 TONS/CY COMPACTED
2) PG 64-22 SP125C - 1.970 TONS/CY COMPACTED
3) PG 64-22 BASE - 1.970 TONS/CY COMPACTED
4) PG 64-22 BP-1 - 1.970 TONS/CY COMPACTED
5) PG 76-22 SP125B - 1.970 TONS/CY COMPACTED
6) PG 76-22 SP125BSM - 1.970 TONS/CY COMPACTED

ALTERNATE A - CONCRETE PAVEMENT										ALTERNATE E - CONCRETE STRENGTHENED SHOULDER						
SHEET	STA.	STA.	ROUTE	ROCK BASE (12" THICK) FURN/PLACING (SY)	CONCRETE PAVEMENT (11 IN. NON-REINFORCED 15 FT JOINTS) (SY)	SHOULDER RUMBLE STRIP (STA)	MODIFIED SUBGRADE (SY)			SHEET	STA.	STA.	ROUTE	TYPE 5 AGGREGATE BASE (14.5" THICK) (SY)	CONCRETE PAVEMENT (8.5 IN. NON-REINFORCED 12 FT JOINTS) (SY)	MODIFIED SUBGRADE (SY)
6	786+89.38	811+00.00	I-70	31,181	33,376	27,447.4	87.2	31,181		6	786+89.38	811+00.00	I-70	344.4	344.4	344.4
9	811+00.00	838+00.00	I-70	34,437	36,728	30,440.0	98.9	34,437		9	811+00.00	838+00.00	I-70	850.8	850.8	850.8
12	838+00.00	865+00.00	I-70	31,906	34,212	26,400.0	108.0	31,906		16	892+00.00	919+00.00	I-70	1,044.4	1,044.4	1,044.4
14	865+00.00	892+00.00	I-70	32,486	34,747	27,784.3	108.0	32,486		30	1027+00.00	1054+00.00	I-70	344.4	344.4	344.4
16	892+00.00	919+00.00	I-70	34,766	37,646	30,730.0	97.5	34,766		33	1054+00.00	1081+00.00	I-70	733.3	733.3	733.3
20	919+00.00	946+00.00	I-70	34,686	37,341	31,009.0	105.6	34,686		46	1216+00.00	1243+00.00	I-70	1,054.2	1,054.2	1,054.2
23	946+00.00	973+00.00	I-70	34,572	37,235	30,337.1	103.1	34,572		52	1297+00.00	1324+00.00	I-70	567.5	567.5	567.5
26	973+00.00	1000+00.00	I-70	32,698	35,830	27,091.5	108.0	32,698		55	1324+00.00	1351+00.00	I-70	488.9	488.9	488.9
28	1000+00.00	1027+00.00	I-70	32,398	35,130	26,392.2	108.0	32,398		58	1351+00.00	1378+00.00	I-70	3,389.9	3,389.9	3,389.9
30	1027+00.00	1054+00.00	I-70	35,759	39,052	30,774.5	103.2	35,759		60	1378+00.00	1405+00.00	I-70	4,162.6	4,162.6	4,162.6
33	1054+00.00	1081+00.00	I-70	34,295	38,027	30,036.7	103.2	34,295		62	1405+00.00	1420+90.00	I-70	3,790.4	3,790.4	3,790.4
36	1081+00.00	1108+00.00	I-70	32,400	34,650	26,400.0	108.0	32,400		TOTAL			16,770.8	16,770.8	16,770.8	
38	1108+00.00	1135+00.00	I-70	32,366	35,261	26,400.0	108.0	32,366		REVISED 1			3,709.0	16,689.4	16,689.4	
40	1135+00.00	1162+00.00	I-70	32,138	34,527	26,399.9	108.0	32,138		REVISED 1			3,709.0	16,689.4	16,689.4	
42	1162+00.00	1189+00.00	I-70	31,758	34,864	26,399.9	108.0	31,758		REVISED 1			3,709.0	16,689.4	16,689.4	
44	1189+00.00	1216+00.00	I-70	32,400	34,841	26,399.9	108.0	32,400		REVISED 1			3,709.0	16,689.4	16,689.4	
46	1216+00.00	1243+00.00	I-70	31,354	33,993	26,399.9	108.0	31,354		REVISED 1			3,709.0	16,689.4	16,689.4	
48	1243+00.00	1270+00.00	I-70	31,720	34,731	26,399.8	108.0	31,720		REVISED 1			3,709.0	16,689.4	16,689.4	
50	1270+00.00	1297+00.00	I-70	31,855	34,439	26,399.8	108.0	31,855		REVISED 1			3,709.0	16,689.4	16,689.4	
52	1297+00.00	1324+00.00	I-70	34,535	37,127	29,990.6	103.0	34,536		REVISED 1			3,709.0	16,689.4	16,689.4	
55	1324+00.00	1351+00.00	I-70	35,944	39,516	30,985.7	103.0	35,944		REVISED 1			3,709.0	16,689.4	16,689.4	
58	1351+00.00	1378+00.00	I-70	28,966	32,146	26,354.8	108.0	28,966		REVISED 1			3,709.0	16,689.4	16,689.4	
60	1378+00.00	1405+00.00	I-70	27,332	30,004	25,688.4	108.0	27,332		REVISED 1			3,709.0	16,689.4	16,689.4	
62	1405+00.00	1420+90.00	I-70	14,048	14,552	14,047.1	57.5	14,048		REVISED 1			3,709.0	16,689.4	16,689.4	
TOTAL				766,000	829,972	656,708.5	2,474.2	766,000		TOTAL			16,770.8	16,770.8	16,770.8	

REVISED 1

13,295
765,247

REVISED 3

13,294.7
655,956.1

REVISED 1

13,295
765,247

REVISED 1

13,295
765,247

ALTERNATE B - ASPHALT PAVEMENT										ALTERNATE F - ASPHALT STRENGTHENED SHOULDER					
SHEET	STA.	STA.	ROUTE	14.5" ASPHALTIC CONCRETE MIXTURE (SY)	(2) TACK COAT (GAL.)	(1) PG 64-22 SP250C (10.5") (Tons)	(1) PG 76-22 SP125B (2") (Tons)	(1) PG 76-22 SP125BSM (2") (Tons)	ROCK BASE (12" THICK) FURN/PLACING (SY)	RUMBLE STRIP (STA)	MODIFIED SUBGRADE (SY)				
6	786+89.38	811+00.00	I-70	27,447.4	2,745	16,299.2	3,004.0	3,004.0	31,181	33,376	87.2	31,181			
9	811+00.00	838+00.00	I-70	30,440.0	3,044	18,076.3	3,331.5	3,331.5	34,437	36,728	98.9	34,437			
12	838+00.00	865+00.00	I-70	26,400.0	2,640	15,677.2	2,889.3	2,889.3	31,906	34,212	108.0	31,906			
14	865+00.00	892+00.00	I-70	27,784.3	2,778	16,499.2	3,040.8	3,040.8	32,486	34,747	108.0	32,486			
16	892+00.00	919+00.00	I-70	30,730.0	3,073	18,248.5	3,363.2	3,363.2	34,766	37,646	97.5	34,766			
20	919+00.00	946+00.00	I-70	31,009.0	3,101	18,414.2	3,393.8	3,393.8	34,686	37,341	105.6	34,686			
23	946+00.00	973+00.00	I-70	30,337.1	3,034	18,015.2	3,320.2	3,320.2	34,572	37,235	103.1	34,572			
26	973+00.00	1000+00.00	I-70	27,091.5	2,709	16,087.8	2,965.0	2,965.0	32,698	35,830	108.0	32,698			
28	1000+00.00	1027+00.00	I-70	26,392.2	2,639	15,672.6	2,888.5	2,888.5	32,398	35,130	108.0	32,398			
30	1027+00.00	1054+00.00	I-70	30,774.5	3,077	18,274.9	3,368.1	3,368.1	35,759	39,052	103.2	35,759			
33	1054+00.00	1081+00.00	I-70	30,036.7	3,004	17,836.8	3,287.3	3,287.3	34,295	38,027	103.2	34,295			
36	1081+00.00	1108+00.00	I-70	26,400.0	2,640	15,677.2	2,889.3	2,889.3	32,400	34,650	108.0	32,400			
38	1108+00.00	1135+00.00	I-70	26,400.0	2,640	15,677.2	2,889.3	2,889.3	32,366	35,261	108.0	32,366			
40	1135+00.00	1162+00.00	I-70	26,399.9	2,640	15,677.1	2,889.3	2,889.3	32,138	34,527	108.0	32,138			
42	1162+00.00	1189+00.00	I-70	26,399.9	2,640	15,677.1	2,889.3	2,889.3	31,758	34,864	108.0	31,758			
44	1189+00.00	1216+00.00	I-70	26,399.9	2,640	15,677.1	2,889.3	2,889.3	32,400	34,841	108.0	32,400			
46	1216+00.00	1243+00.00	I-70	26,399.9	2,640	15,677.1	2,889.3	2,889.3	31,354	33,993	108.0	31,354			
48	1243+00.00	1270+00.00	I-70	26,399.8	2,640	15,677.1	2,889.3	2,889.3	31,720	34,731	108.0	31,720			
50	1270+00.00	1297+00.00	I-70	26,399.8	2,640	15,677.1	2,889.3	2,889.3	31,855	34,439	108.0	31,855			
52	1297+00.00	1324+00.00	I-70	29,990.6	2,999	17,809.4	3,282.3	3,282.3	34,535	37,127	103.0	34,536			
55	1324+00.00	1351+00.00	I-70	30,985.7	3,099	18,400.3	3,391.2	3,391.2	35,944	39,516	103.0	35,944			
58	1351+00.00	1378+00.00	I-70	26,354.8	2,635	15,650.4	2,884.4	2,884.4	28,966	32,146					

GUARDRAIL									
LOCATION	STA.	STA.	TYPE A CRASHWORTHY END TERMINAL (MASH)	TYPE E CRASHWORTHY END TERMINAL (MASH)	MGS GUARDRAIL, 8 FT. POSTS, 6 FT. -3 IN. SPACING	MGS END ANCHOR	MGS VERTICAL CONCRETE BARRIER TRANSITION	MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR/NO CURB)	REMARKS
			EA	EA	L.F.	EA	EA	EA	
CL I-70	786+67.15	786+89.38		1					
EB I-70	786+89.38	798+58.08	1		1080.5	1			
EB I-70	809+77.16	812+57.00	1		191.6		1		
EB I-70	825+13.31	848+07.89	1		2206.3	1			
EB I-70	869+75.85	898+46.84	1		2782.7	1			
EB I-70	903+75.95	906+55.95	1		191.8	1			
EB I-70	911+09.00	916+74.28	1		477.0	1			
EB I-70	925+38.35	934+61.89	1		835.3	1			
EB I-70	960+84.52	970+33.05	1		860.3	1			
EB I-70	985+41.72	1012+46.35	1		2616.4	1			
EB I-70	1031+32.77	1043+44.79	1		1123.8	1			
EB I-70	1053+30.34	1056+10.34	1		191.8	1			
EB I-70	1089+30.14	1102+87.46	1		1269.1	1			
EB I-70	1122+18.08	1127+92.36	1		486.0	1			
EB I-70	1133+80.12	1162+50.00	1		2781.6	1			
EB I-70	1179+00.00	1184+12.35	1		424.1	1			
EB I-70	1190+70.14	1207+27.16	1		1568.8	1			
EB I-70	1217+58.36	1232+61.00	1		1414.4		1		
EB I-70	1236+34.24	1250+12.36	1		1289.9	1			
EB I-70	1268+50.00	1298+18.64	1		2880.4	1			
EB I-70	1304+25.96	1309+60.65	1		446.4	1			
EB I-70	1320+98.67	1323+75.00	1		188.1		1		
EB I-70	1338+25.01	1349+29.28	1		1016.0	1			
EB I-70	1360+70.00	1366+92.36	1		534.1	1			
EB I-70	1372+12.75	1394+63.19	1		2162.2	1			
EB I-70	1406+27.03	1407+97.91	1		82.6			1	
EB I-70	1409+71.95	1420+90.00			1080.5			1	
WB I-70	781+55.79	798+82.65	1		1638.6	1			
WB I-70	803+46.00	805+80.53	1		146.3	1			
WB I-70	813+88.00	816+68.50	1		192.3		1		
WB I-70	825+77.03	843+41.53	1		1676.3	1			
WB I-70	855+97.64	862+66.15	1		580.3	1			
WB I-70	872+91.64	885+74.38	1		1194.5	1			
WB I-70	888+60.00	899+29.41	1		981.2	1			
WB I-70	905+94.06	908+74.06	1		191.8	1			
WB I-70	912+29.01	916+50.86	1		333.6	1			
WB I-70	928+00.00	938+22.72	1		934.5	1			
WB I-70	950+18.52	971+28.51	1		2021.7	1			
WB I-70	998+30.00	1017+75.51	1		1857.3	1			
WB I-70	1033+27.75	1045+60.03	1		1144.0	1			
WB I-70	1055+36.77	1058+16.77	1		191.8	1			
WB I-70	1069+72.72	1076+68.33	1		607.4	1			
WB I-70	1093+92.12	1129+86.44	1		3506.1	1			
WB I-70	1147+07.64	1183+95.32	1		3599.4	1			
WB I-70	1193+87.64	1210+60.54	1		1584.6	1			
WB I-70	1220+87.67	1227+82.61	1		606.7	1			
WB I-70	1232+91.00	1249+91.58	1		1612.3		1		
WB I-70	1269+87.61	1283+97.90	1		1322.0	1			
WB I-70	1318+08.00	1323+34.00			488.5	1		1	
WB I-70	1323+59.00	1326+39.00	1		191.8		1		
WB I-70	1330+07.09	1348+61.03	1		1765.7	1			
WB I-70	1362+37.64	1367+55.27	1		429.4	1			
WB I-70	1375+00.00	1380+50.00	1		461.8	1			
WB I-70	1389+97.59	1394+50.05	1		364.2	1			
WB I-70	1398+49.97	1407+90.18			852.0	1		1	
WB I-70	1409+73.60	1420+90.00			1078.9			1	
TOTAL :			51	1	61737	46	7	4	
NOTE: ANY EXISTING GUARDRAIL THAT IS DAMAGED WITHIN THE WORKZONE BY THE TRAVELING PUBLIC SHALL BE REPLACED AND PAID FOR AT THE UNIT BID PRICE PROVIDED IN THE BID FORM, OR AS AGREED TO BETWEEN MODOT AND THE CONTRACTOR. FINAL GUARDRAIL SHALL NOT BE INSTALLED UNTIL TRAFFIC IS MOVED OUT OF PHASES THAT RUN ADJACENT TO NEW GUARDRAIL.									
DISCLAIMER THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.									
SUMMARY OF QUANTITIES SHEET 23 OF 27									

STATE OF MISSOURI

MICHEL WAYNE

JUSENBERG

NUMBER

E-26546

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
1/14/2026

ROUTE
I-70

STATE
MO

DISTRICT
CD

SHEET NO.
3

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

DATE	DESCRIPTION				
	ADDED	GENERAL	NOTE		
01/13/26	3				

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

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

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

WARNING SIGNS									GUIDE SIGNS									ITEM		TOTAL		EFFECTIVE: 07-01-2024	
SIGN	SIZE	AREA	QTY	TOTAL AREA	QTY	TOTAL AREA	SIGN	DESCRIPTION	SIGN	SIZE	AREA	QTY	TOTAL AREA	QTY	TOTAL AREA	SIGN	DESCRIPTION	ITEM	TOTAL				
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00	10	120.00	15	180.00	40	GORE EXIT	6122019	2	IMPACT ATTENUATOR 70 MPH (SAND BARRELS)			
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2A	48X36	12.00						EXIT CLOSED	6122020	10	REPLACEMENT SAND BARREL			
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2E	48X36	12.00	2	24.00	14	168.00	26	RAMP CLOSED	6122030	6	IMPACT ATTENUATOR (RELOCATION)			
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00	2	20.00	8	80.00	13	ROAD WORK NEXT XX MILES	6122040	12	WORK ZONE CRASH CUSION (NARROW)			
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	GO20-2	48X24	8.00	13	104.00	13	104.00	8	END ROAD WORK	6122041	24	WORK ZONE CRASH CUSION(NARROW)(RELOCATION)			
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-5aP	36X24	6.00	20	120.00	24	144.00	10	WORK ZONE (PLAQUE)	6161020	1149	CHANNELIZER (DRUM-LIKE)			
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)	M1-1	36X36	9.00						1-70 SHIELD	6161025	1149	CHANNELIZER (TRIM-LINE)			
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)	M1-5	36X36	9.00						REVISED	6161030	50	TYPE III MOVEABLE BARRICADE			
WO1-4bL	48X48	16.00	22	352.00	32	512.00	7	DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	M1-5	36X36	9.00						MO 87	6161040	1	FLASHING ARROW PANEL			
WO1-4bR	48X48	16.00	24	384.00	44	704.00	6	DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	M1-5	36X36	9.00						MO 5	6161095	2	RADAR SPEED ADVISORY SYSTEM			
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	M1-5	36X36	9.00						MO 179			CHANGEABLE MESSAGE SIGN WITH COMM.			
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	M1-5A	36X36	9.00						RT B	6161099	5	INTERFACE- CONTRACTOR FURNISHED/RETAINED			
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)	MO4-8	24X18	3.00						DETOUR (PLAQUE)	6162002	16	TEMPORARY LONG-TERM RUMBLE STRIPS			
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-8a	24X18	3.00						END DETOUR			TEMPORARY TRAFFIC BARRIER			
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	M3-2	24X18	3.00						EAST	6173600D	193521	CONTRACTOR FURNISHED/RETAINED			
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	M3-4	24X18	3.00						WEST	6174000A	2	TEMP. TRAFFIC BARRIER HEIGHT TRANSITION			
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	MO4-10L	48X18	6.00	1	6.00	7	42.00	27	DETOUR ARROW (LEFT)	6175010A	138520	RELOCATING TEMPORARY TRAFFIC BARRIER			
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	M6-1R	21X15	2.19						RIGHT ARROW	6178001	1598	TRAFFIC BARRIER DELINEATOR WHITE			
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	M6-1L	21X15	2.19						LEFT ARROW	6178003A	3196	TRAFFIC BARRIER DELINEATOR YELLOW/YELLOW			
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)	M6-2R	21X15	2.19						45 DEGREE RIGHT ARROW	6208076	464929	4 IN TEMP. PAVEMENT MARKING PAINT(WHITE)			
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	REGULATORY SIGNS									6208076	379094	4 IN TEMP. PAVEMENT MARKING PAINT(YELLOW)			
WO3-4	48X48	16.00						BE PREPARED TO STOP	R1-1	48X48	13.25						STOP	6207001	311607	PAVEMENT MARKING REMOVAL			
WO3-5	48X48	16.00	4	64.00	12	192.00	2	SPEED LIMIT AHEAD (60)	R1-2	48TRI.	6.93						YIELD			TEMP TRAFFIC BARRIER ANCHORED			
WO3-5	48X48	16.00	4	64.00	12	192.00	4	SPEED LIMIT AHEAD (50)	R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)	6173700B	1179	CONTRACTOR FURNISHED/RETAINED			
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R1-3P	30X12	2.50						ALL WAY (PLAQUE)			RELOCATING TEMPORARY TRAFFIC BARRIER			
WO4-1aL	48X48	16.00						MERGE (LEFT)	R2-1	36X48	12.00	4	48.00	6	72.00	3	SPEED LIMIT 60MPH	6175011B		ANCHORED			
WO4-1aR	48X48	16.00						MERGE (RIGHT)	R2-1	36X48	12.00	20	240.00	16	192.00	5	SPEED LIMIT 50 MPH			TEMP TRAFFIC BARRIER STIFFNESS TRANSITION			
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS	R2-1	36X48	16.00	4	64.00	6	96.00	39	SPEED LIMIT 70 MPH	6173707		SECTION			
WO5-3	48X48	16.00						ONE LANE BRIDGE	R3-3	36X36	9.00						NO TURNS			REVISED			
WO5-5	48X48	16.00						NARROW LANES	R3-4	48X48	16.00						NO U-TURN (SYMBOL)			TEMPORARY TRAFFIC BARRIER			
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT	6173600D	113452	CONTRACTOR FURNISHED/RETAINED			
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT	6174000A	2	TEMP. TRAFFIC BARRIER HEIGHT TRANSITION			
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R4-1	36X48	12.00						DO NOT PASS	6175010A	203195	RELOCATING TEMPORARY TRAFFIC BARRIER			
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)										6178001	0	TRAFFIC BARRIER DELINEATOR WHITE			
WO8-1	48X48	16.00						BUMP	R11-2	48X30	10.00						ROAD CLOSED	6178003A	0	TRAFFIC BARRIER DELINEATOR YELLOW/YELLOW			
WO8-2	48X48	16.00						DIP									ROAD CLOSED XX MILES AHEAD	6208076	564026	4 IN TEMP. PAVEMENT MARKING PAINT(WHITE)			
WO8-3	48X48	16.00						PAVEMENT ENDS	R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC	6208076	490892	4 IN TEMP. PAVEMENT MARKING PAINT(YELLOW)			
WO21-5aR	48X48	16.00	26	416.00			9	RIGHT SHOULDER CLOSED	CONST-3A	60X48	20.00	12	240.00	48	960.00	351	FINE SIGN	6207001	311607	PAVEMENT MARKING REMOVAL			
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)	CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)			TEMP TRAFFIC BARRIER ANCHORED			
WO8-6	48X48	16.00						TRUCK CROSSING	MISCELLANEOUS SIGNS									6173700B	35442	CONTRACTOR FURNISHED/RETAINED			
WO8-6c	48X48	16.00						TRUCK ENTRANCE	CONST-5	48X36	12.00						POINT OF PRESENCE			RELOCATING TEMPORARY TRAFFIC BARRIER			
WO8-7	36X36	9.00						LOOSE GRAVEL	CONST-5	96X48	32.00	2	64.00	8	256.00	351	POINT OF PRESENCE	6175011B	23563	ANCHORED			
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	CONST-8	48X36	12.00	2	24.00	8	96.00	29	WORK ZONE NO PHONE ZONE						
WO8-9	48X48	16.00						LOW SHOULDER	SP-1	90X24	15.00	4	60.00	16		52	"CLOSED" ON EXIT GUIDE SIGNS						
WO8-11	48X48	16.00						UNEVEN LANES	SP-2	36x60	15.00	2	30.00	2		15	DETOUR MO 5 LEFT ARROW						
WO8-12	48X48	16.00						NO CENTER LINE	SP-3	36x60	15.00	2	30.00	2		16	DETOUR MO 5 45 DEG RIGHT ARROW						
WO8-15	48X48	16.00																					

JST0017B BID ITEMS			
BID ITEM NO.	BID ITEM DESCRIPTION	QUANTITY	UNITS
GRADING (LUMP SUM BID ITEM NO. 203.99.01)			
2013000	CLEARING AND GRUBBING	41.0	ACRE
2035000	UNCLASSIFIED EXCAVATION	231,943	C.Y.
2036000	COMPACTING EMBANKMENT	58,669	C.Y.
2037075	COMPACTING IN CUT	622	STA.
ALTERNATE PAVEMENT A (LUMP SUM BID ITEM NO. 505.99.01)			
2051010	MODIFIED SUBGRADE	766,000	S.Y.
3030600	FURNISHING ROCK BASE MATERIAL	766,000	S.Y.
3030610A	PLACING ROCK BASE 12" THICK	766,000	S.Y.
5021311	CONCRETE PAVEMENT (11 IN. NON-REINFORCED, 15 FT. JOINTS)	656,708.5	S.Y.
6262000A	PORTLAND CEMENT CONCRETE SHOULDER RUMBLE STRIP	2,474.2	STA.
ALTERNATE PAVEMENT B (LUMP SUM BID ITEM NO. 403.99.01)			
2051010	MODIFIED SUBGRADE	766,000	S.Y.
3030600	FURNISHING ROCK BASE MATERIAL	766,000	S.Y.
3030610A	PLACING ROCK BASE 12" THICK	766,000	S.Y.
4039905	MISC. {14.5 IN. ASPHALTIC CONCRETE MIXTURE}	656,708.5	S.Y.
6261000A	BITUMINOUS SHOULDER RUMBLE STRIP	2,474.2	STA.
ALTERNATE PAVEMENT C - TYPE A2 SHOULDERS - CONCRETE (LUMP SUM BID ITEM NO. 505.99.01)			
5021340	TYPE A2 SHOULDER	109,282.2	S.Y.
ALTERNATE PAVEMENT D - TYPE A2 SHOULDERS - ASPHALT (LUMP SUM BID ITEM NO. 403.99.01)			
4010150	TYPE A2 SHOULDER	109,282.2	S.Y.
ALTERNATE PAVEMENT E - STRENGTHENED CONCRETE SHOULDERS (LUMP SUM BID ITEM NO. 505.99.01)			
2051010	MODIFIED SUBGRADE	16,771	S.Y.
3049905	MISC. {TYPE 5 AGGREGATE FOR BASE (14.5 IN. THICK)}	16,771	S.Y.
5029905	CONCRETE PAVEMENT (8 1/2 IN. NON-REINFORCED, 12 FT. JOINTS)	16,770.8	S.Y.
ALTERNATE PAVEMENT F - STRENGTHENED ASPHALT SHOULDERS (LUMP SUM BID ITEM NO. 403.99.01)			
2051010	MODIFIED SUBGRADE	16,771	S.Y.
3049905	MISC. {TYPE 5 AGGREGATE FOR BASE (16 IN. THICK)}	16,771	S.Y.
4039905	MISC. {10.5 IN. ASPHALTIC CONCRETE MIXTURE}	16,770.8	S.Y.
GUARDRAIL AND GUARD CABLE (LUMP SUM BID ITEM NO. 606.99.01)			
2051010	MODIFIED SUBGRADE	11	S.Y.
6061061	MGS GUARDRIAL, 8 FT. POSTS, 6 FT. - 3IN. SPACING	61,737	L.F.
6061069	MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR/NO CURB)	4	EACH
6061070	MGS VERTICAL CONCRETE BARRIER TRANSITION	7	EACH
6061080	MGS END AHCHOR	46	EACH
6063014	TYPE A CRASHWORTHY END TERMINAL (MASH)	51	EACH
6063022	TYPE E CRASHWORTHY END TERMINAL (MASH)	1	EACH
6064100	MEDIAN GUARD CABLE 3 - STRAND	200	L.F.
6064110	ANCHOR ASSEMBLY, GUARD CABLE 3-STRAND	1	EACH
LIGHTING AND ITS (LUMP SUM BID ITEM NO. 901.99.01)			
9011064	LIGHTING POLE, 45 FT. OR 13.5 M, TYPE AT DESIGN 1	19	EACH
9011115	BRACKET ARM, 15 FT. OR 4.6 M	20	EACH
9011312	LUMINAIRE, LED-B	20	EACH
9012230	BASE MOUNTED CONTROL STATION 240 VOLT - 4 CIRCUIT	2	EACH
9013003	CONDUIT, 3 IN. RIGID, IN TRENCH	36	L.F.
9014003	CONDUIT, 3 IN. RIDIG, PUSHED	1,302	L.F.
9015010	TRENCHING TYPE 1	10,881	L.F.
9016120	PULL BOX, CONCRETE, STANDARD	20	EACH
9017002	CABLE, 2 AWG 1 CONDUCTOR	70	L.F.
9017110	CABLE, 10 AWG 1 CONDUCTOR, POLE AND BRACKET	2,600	L.F.
9017202	WIRE, 2 AWG, BARE NEUTRAL	40	L.F.
9017407	CABLE-CONDUIT, 1 IN., 2 CONDUCTORS AND 1 BARE NEUTRAL, 8 AWG	12,980	L.F.
9018245	POLE FOUNDATION (45 FT. OR 13.5 M MOUNTING HEIGHT)	20	EACH
9018610	POWER SUPPLY ASSEMBLY, TYPE 2, 240/120 VOLT SERVICE, LIGHTING ONLY	2	EACH
9019902	MISC. {LIGHTING POLE, 40 FT. OR 12.2 M, TYPE AT DESIGN 3}	1	EACH
9103700	CCTV CAMERA ASSEMBLY, INSTALLED	1	EACH
9105201	CONDUIT, 3 IN., RIGID, IN TRENCH	175	L.F.
9107201	CONDUIT, 3 IN., RIGID, PUSHED	300	L.F.
9108202	CABLE, 2 AWG, 1 CONDUCTOR, POWER	530	L.F.
9108402	WIRE, 2 AWG, BARE NEUTRAL	270	L.F.
9108621	POWER SUPPLY ASSEMBLY, TYPE 2, 240/120 VOLT SERVICE, ITS	1	EACH
9108820	PULL BOX, CONCRETE, STANDARD	2	EACH
9109100	BASE, CONCRETE	1	C.Y.
9109901	MISC. {PERMANENT TRAFFIC COUNTING SYSTEM}	1	L.S.
9109902	MISC. {CCTV POLE, 60 FT. WITH LOWERING DEVICE, FURNISH AND INSTALL}	1	EACH
PERMANENT SIGNING (LUMP SUM BID ITEM NO. 903.99.01)			
9031005	SQUARE STEEL SIGN POST (4 IN.) BASE	10	EACH
9031010	CONCRETE FOOTINGS, EMBEDDED	61.1	C.Y.
9031020	CONCRETE FOOTINGS, BOLT DOWN	35.7	C.Y.
9031210	STRUCTURAL STEEL POSTS	29,420	LBS
9031220	PIPE POSTS	4,600	LBS
9031230	4 IN. SQUARE STEEL POST	199	L.F.
9031252	7 FT. CHANNEL POST DELINEATOR, DOUBLE STACKED WHITE	161	EACH
9031256	7 FT. CHANNEL POST DELINEATOR, WHITE	48	EACH
9031257A	7 FT. CHANNEL POST DELINEATOR, YELLOW	11	EACH
9031258	7 FT. CHANNEL POST DELINEATOR, WHITE/RED	36	EACH
9031259A	7 FT. CHANNEL POST DELINEATOR, YELLOW/RED	17	EACH
9031270A	2 IN. PSST POST - 12 GA.	1,920	L.F.
9031274	CONCRETE POST ANCHOR FOR 2 IN. PSST- 7 GA.	120	EACH
9035004A	SH-FLAT SHEET	1,123	S.F.
9035011A	ST-STRUCTURAL	5,079	S.F.
9035069A	SHF-FLAT SHEET FLUORESCENT	316	S.F.
9035071A	STF-STRUCTURAL FLUORESCENT	82	S.F.
9038000	TEMPORARY GROUND MOUNTED LOGO SIGNS	18	EACH
9039901	MISC. {SIGN NO. 47, OVERHEAD CANTILEVER TRUSS, 26' - 6"}	1	L.S.
9039901	MISC. {SIGN NO. 54, OVERHEAD CANTILEVER TRUSS, 26' - 6"}	1	L.S.
9039903	MISC. {GLARE SCREEN ON TRAFFIC SAFETY BARRIER}	1,950	L.F.

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REVISED

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STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER
PE-201000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED, AND DATED
ELECTRONICALLY

DATE PREPARED
1/14/2026

ROUTE
1 - 70

STATE
MO

DISTRICT
CD

SHEET NO.
3

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

DESCRIPTION

DATE

REVISED QTY

REVISED QTY

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

BURNS
MCDONNELL

9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400

Certificate of Authority
No. : 000165

SUMMARY OF QUANTITIES
SHEET 25 OF 27

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JST0017B BID ITEMS			
BID ITEM NO.	BID ITEM DESCRIPTION	QUANTITY	UNITS
TRAFFIC CONTROL (LUMP SUM BID ITEM NO. 616.99.01)			
2063000	CLASS 3 EXCAVATION	366	C.Y.
3040504	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	2214	S.Y.
4011209	BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1)	25,291	TON
4013000	BITUMINOUS PAVEMENT MIXTURE PG64-22 (BASE)	4,546	TON
6044011	PIPE COLLAR, TYPE A	10	EACH
6122019	IMPACT ATTENUATOR 70 MPH (SAND BARREL ARRAY)	2	EACH
6122020	REPLACEMENT SAND BARREL	10	EACH
6122030	IMPACT ATTENUATOR (RELOCATION)	6	EACH
6122040	WORK ZONE CRASH CUSHION (NARROW)	12	EACH
6122041	WORK ZONE CRASH CUSHION (NARROW)(RELOCATION)	24	EACH
6161005	CONSTRUCTION SIGNS	4,018	S.F.
6161010	RELOCATED SIGNS	4,746	S.F.
6161020	CHANNELIZER (DRUM-LIKE)	1,149	EACH
6161030	TYPE 3 MOVEABLE BARRICADE	50	EACH
6161040	FLASHING ARROW PANEL	1	EACH
6161095	RADAR SPEED ADVISORY SYSTEM	2	EACH
6161099	CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED / RETAINED	5	EACH
6162002	TEMPORARY LONG-TERM RUMBLE STRIPS	16	EACH
6169901	MISC. {WORK ZONE INTELLIGENT TRANSPORTATION SYSTEM}	1	L.S.
6207001	PAVEMENT MARKING REMOVAL	311,607	L.F.
6208076	4 IN TEMPORARY PAVEMENT MARKING PAINT	844,023	L.F.
6214600A	FLOWABLE BACKFILL	252	C.Y.
6221003	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (GREATER THAN 3 IN. THICK)	13,060	S.Y.
6229909	FILLING EXISTING BITUMINOUS RUMBLE STRIP	248.3	STA
7261018	18 IN. PIPE GROUP A	64	L.F.
7261024	24 IN. PIPE GROUP A	187	L.F.
7311022	PRECAST CONCRETE DROP INLET 2 FT X 2 FT	107	L.F.
GENERAL - ROADWAY (PAID FOR PER THE UNIT BID PRICE OF EACH BID ITEM)			
2010000	MOWING	248.4	ACRE
2022010	REMOVAL OF IMPROVEMENTS	1	L.S.
2069907	EXCAVATING AND DISPOSING OF UNSUITABLE MATERIAL (SMALL AREA)	1	C.Y.
2069907	EXCAVATING AND DISPOSING OF UNSUITABLE MATERIAL (LARGE AREA)	1	C.Y.
2143000	PLACING ROCK FILL	1	C.Y.
4011209	BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1)	24,944	TON
5041000	CONCRETE APPROACH PAVEMENT	357.6	S.Y.
6181000	MOBILIZATION	1	L.S.
6181015	RAILROAD PLAN SUBMITTAL	1	L.S.
6274000	CONTRACTOR FURNISHED SURVEYING AND STAKING	1	L.S.
8061016	SEDIMENT REMOVAL	715	C.Y.
6173600D	TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED / RETAINED	193,521	L.F.
6173700B	TEMPORARY TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED / RETAINED	1,179	L.F.
6174000A	TEMPORARY TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED / RETAINED	2	EACH
6175010A	RELOCATING TEMPORARY TRAFFIC BARRIER	138,520	L.F.
6175011B	RELOCATING TEMPORARY TRAFFIC BARRIER ANCHORED	22,653	L.F.
6178003A	TRAFFIC BARRIER DELINEATOR, YELLOW/YELLOW	3,196	EACH
6178004	TRAFFIC BARRIER DELINEATOR, WHITE/WHITE	1,598	EACH
GENERAL - BRIDGE A01532 (PAID FOR PER THE UNIT BID PRICE OF EACH BID ITEM)			
7011105	DRILLED SHAFTS (3 FT. 6 IN. DIA)	186	L.F.
7011204	ROCK SOCKETS (3 FT. 0 IN. DIA)	32	L.F.
RETAINING WALL (LUMP SUM BID ITEM NO. 703.99.01)			
6091042	CONCRETE GUTTER TYPE B	310	L.F.
6096020	FURNISHING TYPE 2 ROCK DITCH LINER	2	C.Y.
6096042	PLACING TYPE 2 ROCK DITCH LINER	2	C.Y.
6240103A	PERMANENT EROSION CONTROL GEOTEXTILE	6	S.Y.
7039904	MISC. {GRAVITY BLOCK RETAINING WALL}	1,448	S.F.
BRIDGE A00082 (LUMP SUM BID ITEM NO. 703.99.01)			
7049902	MISC. {PARTIAL REMOVAL OF EXISTING SLAB DRAIN}	4	EA.
BRIDGE A01532 (LUMP SUM BID ITEM NO. 703.99.01)			
2061000	CLASS 1 EXCAVATION	40	C.Y.
2163000	PARTIAL REMOVAL OF EXISTING BRIDGE DECK	768	S.F.
2164000	CURB REMOVAL	337	S.F.
5031010A	BRIDGE APPROACH SLAB (MAJOR)	479	S.Y.
6239905	MISC. {EPOXY URETHANE POLYMER WEARING SURFACE WITH HEALER/SEALER}	2,321	S.Y.
7011300	VIDEO CAMERA INSPECTION	4	EACH
7011400	FOUNDATION INSPECTION HOLES	72	L.F.
7011600	SONIC LOGGING TESTING	4	EACH
7021212	GALVANIZED STRUCTURAL STEEL PILES (12 IN.)	424	L.F.
7027000	PILE POINT REINFORCEMENT	8	EACH
7032003	CLASS B CONCRETE (SUBSTRUCTURE)	117.4	C.Y.
7034212	SLAB ON STEEL	572	S.Y.
7034219A	TYPE D BARRIER	634	L.F.
7034413	TYPE C BARRIER TRANSITION	45	L.F.
7061060	REINFORCING STEEL (BRIDGES)	36,850	LBS
7121111	FABRICATED STRUCTURAL LOW ALLOY STEEL (I-BEAM) A709, GRADE 50	98,660	LBS
7123610	SLAB DRAIN	18	EACH
7123620	DRAINAGE SYSTEM (ON STRUCTURE)	1	L.S.
7125397	FINISH FIELD COAT (SYSTEM L)	5,000	S.F.
7151001	VERTICAL DRAINS AT END BENTS	2	EACH
7161003	LAMINATED NEOPRENE BEARING PAD (TAPERED)	8	EACH
7162000	LAMINATED NEOPRENE BEARING PAD ASSEMBLY	8	EACH
NON CONTRACTURAL BID ITEMS			
1099904	MISC. {LOGO SIGNS - ST-STRUCTURAL}	2,538	S.F.
1099911	MISC. {LOGO SIGNS - STRUCTURAL STEEL POSTS}	9,720	LBS
1099907	MISC. {LOGO SIGNS - CONCRETE FOOTINGS, EMBEDDED}}	14.2	C.Y.

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ADDED ITEM

1,475.1

5,316.7

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REVISED

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ADDED ITEM

3,995

4,636

1

REVISED

6161025

CHANNELIZER (TRIM-LINE)

1.149

EACH

3

REVISED

1,054,918

1

REVISED

1

ADDED

7311032

PRECAST CONCRETE DROP INLET 3 FT X 2 FT

107

L.F.

1

REVISED

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ADDED

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ADDED ITEM FOR ASPHALT WEDGING

1

ADDED

113,452

35,442

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REVISED

203,195

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REVISED



THIS SHEET HAS BEEN
SIGNED, SEALED, AND DATED
ELECTRONICALLY

DATE PREPARED 1/14/2026	
ROUTE 1-70	STATE MO
DISTRICT CD	SHEET NO. 3

COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -

PROJECT NO. -
BRIDGE NO. -

DATE	DESCRIPTION	REVISED QTY	REVISED QTY
01/07/26		1	3
01/13/26		3	

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
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1-888-ASK-MODOT (1-888-275-6636)

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