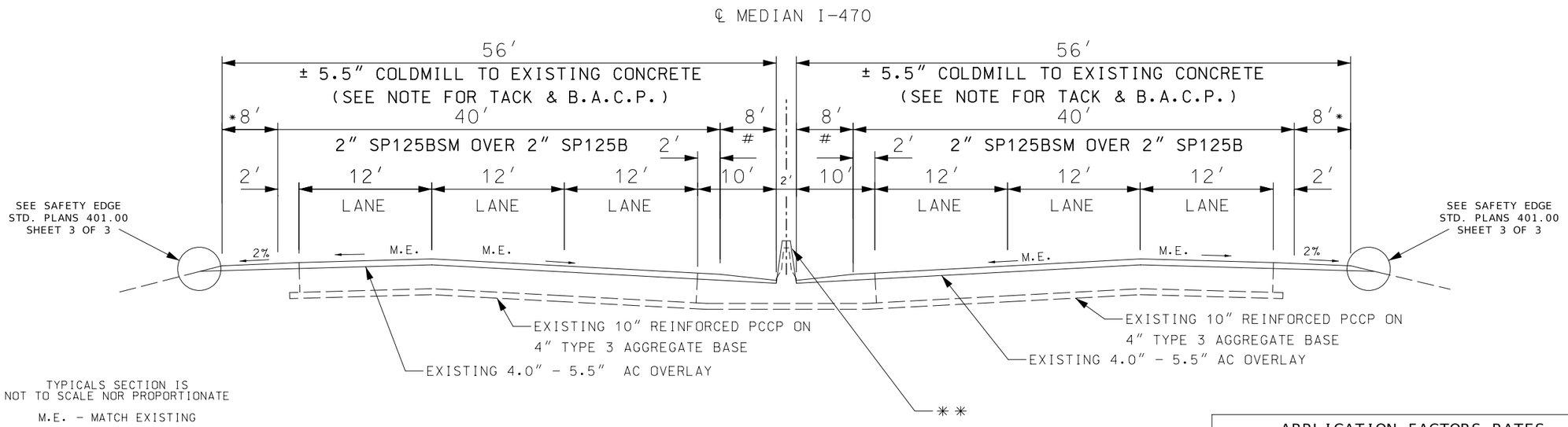
✳ PLACE 2.0″ BP-1 (PG 64-22) OVER 2.0″ BP-1 (PG 64-22)

PLACE 4.0″ BP-1 (PG 64-22) AT PAVEMENT, TAPER TO 2.0″ AT BARRIER



TYPICALS SECTION IS
NOT TO SCALE NOR PROPORTIONATE

M.E. - MATCH EXISTING

LOG MILE 1.247 TO LOG MILE 4.073 (I-470 EB)

LOG MILE 12.968 TO LOG MILE 15.908 (I-470 WB)

(NUMBER OF LANES VARY. SEE TABLE BELOW.)

APPLICATION FACTORS RATES	
SP125BSM	1.941 TONS/CY
SP125B	1.974 TONS/CY
BITUMINOUS PAVMENT (BP-1)	1.998 TONS/CY
TACK COAT (BETWEEN TWO LIFTS)	0.10 GAL/SY
~~BONDED ASPHALTIC CONCRETE PAVEMENT~~ (APPLY ON EXPOSED CONCRETE)	0.20 GAL/SY
HIGH APPLICATION RATE TACK COAT	

REVISED 1

✳✳ REMOVAL OF IMPROVEMENTS:

APPROXIMATLEY 3,252 LF OF TYPE A CONCRETE MEDIAN BARRIER; FROM APPROXIMATLEY EASTBOUND LOG MILE 1.414 TO 2.063 AT THE WEST END OF THE BLUE RIDGE BLVD BRIDGE LESS AT THE RAILROAD BRIDGE.

AT APPROXIAMATLEY EASTBOUND LOG MILE 1.445, IN THE MEDIAN, REMOVAL OF (ABOVE THE PAVEMENT) THE EXISTING OVERHEAD SIGN TRUSS CONCRETE BASE.

NEW INSTALLATION:

THE ABOVE REFERENCED TYPE A CONCRETE MEDIAN BARRIER REPLACED WITH TYPE C CONCRETE MEDIAN BARRIER APPROXIMATLEY 3,252 LF.

AT APPROXIMATLEY EASTBOUND LOG MILES 1.422 AND 1.655 (DROP INLET LOCATIONS) INSTALL GAP PROTECTION ASSEMBLIES IN LIEU OF THE STANDARD TYPE C CONCRETE MEDIAN BARRIER.

LOG MILE	LOG MILE	(1) NO. OF LANES	LOCATION
1.247	1.379	5	EB MAINLINE
1.379	1.828	4	EB MAINLINE
1.828	2.218	3	EB MAINLINE
2.218	2.390	3	EB MAINLINE
2.390	3.661	3	EB MAINLINE
3.661	3.853	3	EB MAINLINE
3.853	4.073	3	EB MAINLINE
12.968	13.206	3	WB MAINLINE
13.206	13.396	3	WB MAINLINE
13.396	14.638	3	WB MAINLINE
14.638	14.845	3	WB MAINLINE
14.845	15.201	3	WB MAINLINE
15.201	15.714	4	WB MAINLINE
15.714	15.908	2	WB MAINLINE
15.714	15.797	2	WB TO US 71

(1) SEE SUMMARY OF QUANTITIES SHEET FOR PAVEMENT WIDTHS

TYPICAL SECTION
SHEET 1 OF 2

STATE OF MISSOURI
CHRISTOPHER ALAN WEST
NUMBER PE-2014017034
PROFESSIONAL ENGINEER
09/12/2024 9:55:00 AM
CHRISTOPHER ALAN WEST - CIVIL
MO-PE-2014017034

DATE PREPARED	9/12/2024
ROUTE	I-470
STATE	MO
DISTRICT	KC
SHEET NO.	2
COUNTY	JACKSON
JOB NO.	JKU0020
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REV.

MAINLINE PAVEMENT & SHOULDERS RESURFACING (AND ALL PAYTOTALS)

ROUTE DIRECTION	LOG MILE	LOG MILE	LENGTH (MILES)	WIDTH * (LF)	2" SP125BSM (PG76-22) (TONS)	2" SP125B (PG76-22) (TONS)	± 5.5" COLDMILL (SQ YD)	NO. OF LANES	SHOULDER AREA (SQ YD)	BP-1 (TONS)	± 5.5" COLDMILL (SQ YD)	~~BONDED ASPHALTIC CONCRETE PAVEMENT (GAL)~~ 1	TACK COAT (GAL)
EASTBOUND	1.247	1.379	0.132	64	539.9	535.8	4956.2	5				991.2	495.6
EASTBOUND	1.379	1.828	0.449	52	1492.3	1480.9	13697.5	4				2739.4	1369.7
EASTBOUND	1.828	1.933	0.105	40	268.4	266.4	2464.0	3				492.8	246.4
EASTBOUND	1.975	2.058	0.083	40	212.2	210.6	1947.7	3				389.6	194.8
EASTBOUND	2.104	2.218	0.114	40	291.4	289.2	2675.2	3				535	267.5
EASTBOUND	2.218	2.390	0.172	38	417.7	414.5	3834.5	3				766.8	383.4
EASTBOUND	2.390	3.185	0.795	40	2032.5	2016.9	18656.0	3				3731.2	1865.6
EASTBOUND	3.221	3.661	0.440	40	1124.9	1116.3	10325.3	3				2065	1032.5
EASTBOUND	3.661	3.853	0.192	38	466.3	462.8	4280.3	3				856	428.0
EASTBOUND	3.853	4.073	0.220	40	562.4	558.1	5162.7	3				1032.6	516.3
OUTSIDE SHLDRS	1.247	1.828	0.581	8					2726.8	601.1	2726.8	545.4	272.7
OUTSIDE SHLDRS	1.868	1.933	0.065	8					305.1	67.3	305.1	61	30.5
OUTSIDE SHLDRS	1.975	2.058	0.083	8					389.5	85.9	389.5	78	39.0
OUTSIDE SHLDRS	2.104	2.209	0.105	8					492.8	108.6	492.8	98.6	49.3
OUTSIDE SHLDRS	2.390	3.185	0.795	8					3731.2	822.5	3731.2	746.2	373.1
OUTSIDE SHLDRS	3.221	3.661	0.440	8					2065.1	455.2	2065.1	413	206.5
OUTSIDE SHLDRS	3.853	4.073	0.220	8					1032.5	227.6	1032.5	206.6	103.3
INSIDE SHLDRS	1.247	4.073	2.826	8					13263.4	2192.9	13263.4	2652.6	1326.3
WESTBOUND	12.968	13.206	0.238	40	608.5	603.8	5585.1	3				1117	558.5
WESTBOUND	13.206	13.396	0.190	38	461.5	457.9	4235.7	3				847.2	423.6
WESTBOUND	13.396	13.829	0.433	40	1107.0	1098.5	10161.1	3				2032.2	1016.1
WESTBOUND	13.866	14.638	0.772	40	1973.7	1958.6	18116.3	3				3623.2	1811.6
WESTBOUND	14.638	14.845	0.207	38	502.7	498.9	4614.7	3				923	461.5
WESTBOUND	14.845	14.946	0.101	40	258.2	256.2	2370.1	3				474	237.0
WESTBOUND	14.993	15.078	0.085	40	217.3	215.6	1994.7	3				399	199.5
WESTBOUND	15.126	15.201	0.075	40	191.7	190.3	1760.0	3				352	176.0
WESTBOUND	15.201	15.714	0.513	52	1705.0	1691.9	15649.9	4				3130	1565.0
WESTBOUND	15.714	15.908	0.194	26	322.4	319.9	2959.1	2				591.8	295.9
WESTBOUND	15.714	15.797	0.083	26	137.9	136.9	1266.0	2				253.2	126.6
OUTSIDE SHLDRS	12.968	13.206	0.238	8					1117.0	246.2	1117.0	223.4	111.7
OUTSIDE SHLDRS	13.396	13.829	0.433	8					2032.2	448.0	2032.2	406.4	203.2
OUTSIDE SHLDRS	13.866	14.638	0.772	8					3623.3	798.7	3623.3	724.6	362.3
OUTSIDE SHLDRS	14.845	14.946	0.101	8					474.0	104.5	474.0	94.8	47.4
OUTSIDE SHLDRS	14.993	15.078	0.085	8					398.9	87.9	398.9	79.8	39.9
OUTSIDE SHLDRS	15.126	15.172	0.046	8					215.9	47.6	215.9	43.2	21.6
OUTSIDE SHLDRS	15.201	15.908	0.707	8					3318.2	731.5	3318.2	663.6	331.8
INSIDE SHLDRS	12.968	15.908	2.940	8					13798.4	2281.3	13798.4	2759.6	1379.8
2% FOR SAFETY EDGE					297.9	295.6				186.1			
			SUBTOTAL MAINLINE:		15,191.8	15,075.6	136,712.1	-	-	9,492.9	48,984.3	37,139.0	18,569.5
			SUBTOTAL RAMPS:		2,012.1	1,997.0	-	-	-	2,151.1	27,984.0	5,597.0	2,798.5
			SUBTOTAL 2" BP-1 BRB:		-	-	-	-	-	596.5	-	-	541
			PAY TOTAL:		17,203.9	17,072.6	-	-	-	12,240.5	213,680	42,736	21,909

* WIDTH INCLUDES 24" OVERLAP ONTO SHOULDERS

1 REVISED

HIGH APPLICATION RATE TACK COAT (GAL)

RAMPS PAVEMENT & SHOULDERS RESURFACING

LOCATION	LENGTH (LF)	PAVEMENT WIDTH (LF)	2" SP125BSM (PG76-22) (TONS)	2" SP125B (PG76-22) (TONS)	SHOULDER LEFT WIDTH (LF)	SHOULDER RIGHT WIDTH (LF)	BP-1 (TONS)	± 5.5" COLDMILL (SQ YD)	~~BONDED ASPHALTIC CONCRETE PAVEMENT (GAL)~~ 1	TACK COAT (GAL)
BLUE RIDGE BLVD RAMP 1	180	20 +	45.8	45.4	4	6	44.1	620.0	124.0	62.0
BLUE RIDGE BLVD RAMP 1	200	24 to 18	50.8	50.5	4	4	39.2	644.4	128.8	64.4
BLUE RIDGE BLVD RAMP 1	320	18	69.7	69.2	4	4	62.7	924.4	184.8	92.4
BLUE RIDGE BLVD RAMP 1	460	18	100.2	99.5	4	4	90.1	1328.9	265.8	132.9
BLUE RIDGE BLVD RAMP 2	590	18	128.6	127.6	4	4	115.6	1704.4	340.8	170.4
BLUE RIDGE BLVD RAMP 2	115	18	25.1	24.9	4	4	22.5	332.2	66.4	33.2
BLUE RIDGE BLVD RAMP 2	125	18 to 24	31.8	31.5	4	4	24.5	402.8	80.6	40.3
BLUE RIDGE BLVD RAMP 2	250	24 +	75.7	75.1	4	4	49.0	1228.0	245.6	122.8
BLUE RIDGE BLVD RAMP 3	425	0 to 15	38.6	38.3	0	6	62.5	637.5	127.6	63.8
BLUE RIDGE BLVD RAMP 3	695	15	126.2	125.2	0	6	102.1	1621.7	324.4	162.2
BLUE RIDGE BLVD RAMP 3	134	18	29.2	29.0	0	6	19.7	357.3	71.4	35.7
BLUE RIDGE BLVD RAMP 3	248	18	54.0	53.6	6	6	72.9	826.7	165.4	82.7
BLUE RIDGE BLVD RAMP 3	78	18 to 24	19.8	19.7	6	6	22.9	286.0	57.2	28.6
BLUE RIDGE BLVD RAMP 3	112	24	32.5	32.3	6	6	32.9	448.0	89.6	44.8
BLUE RIDGE BLVD RAMP 4	560	18	122.0	121.1	6	6	164.6	1866.7	373.4	186.7
BLUE RIDGE BLVD RAMP 4	623	15	113.1	112.3	0	6	91.6	1453.7	290.8	145.4
BLUE RIDGE BLVD RAMP 4	200	15 to 0	18.2	18.0	0	6	29.4	300.0	60.0	30.0
RAYTOWN ROAD RAMP 1	1452	18	316.4	314.0	6	6	426.8	4840.0	968.0	484.0
RAYTOWN ROAD RAMP 1	212	18	46.2	45.8	0	6	31.2	565.3	113.0	56.5
RAYTOWN ROAD RAMP 1	411	15	74.6	74.1	0	6	60.4	959.0	191.8	95.9
RAYTOWN ROAD RAMP 1	225	15 to 0	20.4	20.3	0	6	33.1	337.5	67.6	33.8
RAYTOWN ROAD RAMP 2	110	0 to 15	10.0	9.9	0	6	16.2	165.0	33.0	16.5
RAYTOWN ROAD RAMP 2	600	15	108.9	108.1	0	6	88.2	1400.0	280.0	140.0
RAYTOWN ROAD RAMP 2	123	18	26.8	26.6	0	6	18.1	328.0	65.6	32.8
RAYTOWN ROAD RAMP 2	1322	18	288.0	285.8	6	6	388.6	4406.7	881.4	440.7
2% FOR SAFETY EDGE			39.5	39.2			42.2			
		SUBTOTAL:	2,012.1	1,997.0			2,151.1	27,984	5,597.0	2,798.5

MOBILIZATION
1 LUMP SUM

SUMMARY OF QUANTITIES
SHEET 1 OF 4

STATE OF MISSOURI
CHRISTOPHER ALAN WEST
NUMBER PE-2014017034
PROFESSIONAL ENGINEER
09/12/2024 9:54:31 AM
CHRISTOPHER ALAN WEST - CIVIL
MO-PE-2014017034

DATE PREPARED: 9/12/2024
ROUTE: I-470 | STATE: MO
DISTRICT: KC | SHEET NO.: 3
COUNTY: JACKSON
JOB NO.: JKU0020
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

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

EFFECTIVE: 07-01-2024

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)
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						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	4	64				MERGE (LEFT)
WO4-1aR	48X48	16.00	4	64				MERGE (RIGHT)
WO5-1	48X48	16.00	4	64				ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00						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
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	4	64				UNEVEN LANES
WO8-12	48X48	16.00	4	64				NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
W012-2x	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	4	25				ADVISORY SPEED (PLAQUE)
WO16-2	30X24	5.00	4	20				XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	28	448				ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00	16	256				ROAD/RAMP CLOSED AHEAD
WO20-4	48X48	16.00	4	64				ONE LANE ROAD AHEAD
WO20-5	48X48	16.00	4	64				RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00	4	64				2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6	48X48	16.00	4	64				2 RIGHT/CENTER/LEFT LANE CLOSED
WO20-6a	48X48	16.00	4	64				RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	2	32				FLAGGER (SYMBOL)
WO21-5	48X48	16.00						SHOULDER WORK / 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	4	8.76				WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00	2	24				GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00	4	40				ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	4	32				END ROAD WORK
GO20-4	36X18	4.50	1	4.5				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	4	24				WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT)
MO4-9R	48X36	12.00						DETOUR (RIGHT)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)
MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)
REGULATORY SIGNS								
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	4	48				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
R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R5-1	30X30	6.25						DO NOT ENTER
R5-1a	36X24	6.00						WRONG WAY
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00						ONE WAY (LEFT)
R6-2R	24X30	5.00						ONE WAY (RIGHT)
R9-9	24X12	2.00						SIDEWALK CLOSED
R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00						STOP HERE ON RED (45^ ARROW)
R11-2	48X30	10.00	10	100				ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00						FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00						POINT OF PRESENCE
CONST-5	96X48	32.00	2	64				POINT OF PRESENCE
CONST-8	48X36	12.00	4	48				WORK ZONE NO PHONE ZONE

616-10.05 CONSTRUCTION SIGNS	TOTAL	1815
616-10.10 RELOCATED SIGNS	TOTAL	0

ITEM NUMBER	TOTAL QTY	DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017	X 2	IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019	1	IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020	2	REPLACEMENT SAND BARREL
6122030	2	IMPACT ATTENUATOR (RELOCATION)
6123001		TRUCK MOUNTED ATTENUATOR (TMA)
6161008	4	ADVANCED WARNING RAIL SYSTEM
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161025	400	CHANNELIZER (TRIM LINE)
6161030	44	TYPE III MOVEABLE BARRICADE
6161033	60	DIRECTION INDICATOR BARRICADE
6161040	4	FLASHING ARROW PANEL
6161047		TYPE III OBJECT MARKER
6161055	60	SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN W/O COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6161099	15	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6173600D		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6173602B		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6176000B		TEMPORARY TRAFFIC BARRIER COMMISSION FURNISHED/RETAINED
6177000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION COMMISSION FURNISHED/RETAINED
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING

1 REVISED

~~* IMPACT ATTENUATOR RELOCATIONS ARE INCLUDED IN THE BID ITEM FOR IMPACT ATTENUATOR~~

SUMMARY OF QUANTITIES
SHEET 4 OF 4

STATE OF MISSOURI
CHRISTOPHER ALAN WEST
NUMBER PE-2014017034
PROFESSIONAL ENGINEER
09/12/2024 9:54:02 AM
CHRISTOPHER ALAN WEST - CIVIL
MO-PE-2014017034

DATE PREPARED 9/12/2024

ROUTE	STATE
I-470	MO
DISTRICT	SHEET NO.
KC	3

COUNTY JACKSON

JOB NO. JKU0020

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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