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NOTES: EXISTING PARKWAY PAVEMENT -9" CONCRETE PAVEMENT OVER 4" TYPE 5 AGGREGATE BASE (VIA J410922)

MINIMUM SAWCUT WIDTH = 2'

& MATCH EXISTING BASE, NO DIRECT PAY FOR ADDITIONAL BASE OVER 4 ■ THICK

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					+ IO T NC 2	D.
				3 1D NO 52	3	
DESCRIPTION						
JRI HIGHWAYS AND TRANSPORTATION DATE	COMM1 SS I ON		M&DOT	105 WEST CAPITOL	JEFFERSON CITY, MO 65102	1-888-ASK-MODOT (1-888-275-6636)
MISSOL						



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

TYPICAL SECTIONS SHEET 2 OF 3 c:\bmcd\_lib\pw\_connect\trn\d0143726\002\_TS\_01-03\_JKU0033\_I10.dgn 2:39:18 PM 3/1/2024



## MISSOUR

			REMOVALOF	IMPROVEMEN	ITS
SHEET NO.	STA.	STA.	ALIGNMENT	LOCATION	DESCRIPTION
4	26+73.88	30+18.34	LBP	CL	390 LF SAWCUT
4	26+73.88	30+00.15	LBP	RT	305 SY SIDEWALK
4	26+73.88	30+06.50	LBP	RT	379 LF SAWCUT
4	28+72.50	-	LBP	CL	LIGHT POLE FOOTING
4	29+16.43	29+77.33	LBP	LT	35 SY SIDEWALK
4	29+16.95	29+60.37	LBP	LT	50 LF SAWCUT
4	29+44.49	-	LBP	RT	LIGHT POLE FOOTING
4	29+50.78	-	LBP	LT	SIGNAL CONTROL BOX
4	29+58.02	-	LBP	LT	SIGNAL POLE & FOUNDATION
4 & 6	30+44.45	30+85.20	LBP	RT	51 SY SIDEWALK
4	30+47.81	30+63.19	LBP	LT	11 SY SIDEWALK
4	30+51.33	30+80.16	LBP	RT	45 LF GUARDRAIL
4	29+51.63	-	LBP	RT	SIGNAL PULL BOX
4	30+56.59	-	LBP	RT	SIGNAL POLE & FOUNDATION
4	30+57.13	-	LBP	LT	PED PUSH BUTTON
4	30+57.27	30+78.72	LBP	RT	22 LF CURB
6	31+19.00	-	LBP	CL	SIGN (R4-7)
6	34+46.74	36+03.48	LBP	RT	156 LF SAWCUT
6	34+47.45	36+01.41	LBP	CL	91 SY MEDIAN
6	34+47.95	36+03.48	LBP	LT	155 LF SAWCUT
6	35+71.06	35+96.06	LBP	LT	25 LF GUARDRAIL
6	35+94.00	-	LBP	CL	SIGN (R4-7)
6&8	35+96.06	36+47.19	LBP	LT	GUARDRAIL END TERMINAL
6&8	36+09.77	36+69.35	LBP	LT	42 SY SIDEWALK
8	36+27.01	36+63.64	LBP	RT	39 SY SIDEWALK
8	36+56.41	-	LBP	LT	SIGNAL PULL BOX
8	36+62.04	-	LBP	LT	SIGNAL POLE & FOUNDATION
8	36+98.69	37+19.71	LBP	LT	68 LF SAWCUT
8	36+99.50	40+50.46	LBP	CL	409 LF SAWCUT
8	37+00.70	37+19.71	LBP	LT	26 SY MEDIAN
8	37+02.91	40+05.68	LBP	LT	316 LF SAWCUT
8	37+07.57	40+06.95	LBP	LT	172 SY SIDEWALK
8	37+22.33	38+58.99	LBP	RT	126 SY SIDEWALK
8	37+68.27	-	LBP	LT	LIGHT POLE FOOTING
8	37+81.15	38+58.42	LBP	RT	81 LF SAWCUT
8	38+69.19	-	LBP	CL	LIGHT POLE FOOTING
10	16+56.02	16+61.83	RAMP 1	RT	6 LF CURB
12 & 14	5+51.68	14+97.57	RAMP 2	RT	977 LF SAWCUT
12	8+92.66	-	RAMP 2	RT	PULL BOX
12	10+02.68	-	RAMP 2	RT	PULL BOX
14	10+88.33	-	RAMP 2	RT	PULL BOX
14	14+22.56	~	RAMP 2	RT	ELECTRIC PULL BOX
14	14+40.87	~	RAMP 2	RT	LIGHT POLE FOOTING
14	14+73.00	H	RAMP 2	RT	SIGN (R1-2)
16 & 18	0+20.00	7+27.41	RAMP 3	LT	760 LF SAWCUT
16	0+49.24	-	RAMP 3	LT	SIGNAL POLE & FOUNDATION
16	0+51.81	-	RAMP 3	LT	SIGNAL PULL BOX
16 & 18	0+58.23	7+27.41	RAMP 3	RT	665 LF SAWCUT
16	0+71.64	-	RAMP 3	RT	PED PUSH BUTTON
16	0+75.19	-	RAMP 3	RT	PULL BOX
16	0+78.07	-	RAMP 3	RT	SIGNAL PULL BOX
16	1+10.19	-	RAMP 3	LT	LIGHT POLE FOOTING
18	5+38.12	-	RAMP 3	LT	LIGHTING PULL BOX
20	0+89.49		RAMP 4	RT	PED PUSH BUTTON
20 & 22	0+98.71	9+99.61	RAMP 4	RT	912 LF SAWCUT
20	0+99.34	~	RAMP 4	RT	SIGNAL PULL BOX
22	7+33.62	-	RAMP 4	RT	4 LF RCP
22	9+35.87	-	RAMP 4	RT	PULL BOX
22	9+37.99	-	RAMP 4	RT	PULL BOX

REMOVALOF IMPROVEMENTS
1 LUMP SUM



і ні	GHW	AYS su	AND JMMARY (	TRANS OF QUAN	PORT	TAT	ΓΙΟΝ	CO	MMIS	SION					THIS ST	OF MISS NHERRMAN NUMBER 201500556 ONAL EN SEALED AN	
	REM	DVALOF IMP	PROVEMENTS SUM		DNTRACTOR FU	IRNISHE 1 LUMI	ED SURVEY AN IP SUM	ID STAKING		MOBILIZATION 1 LUMP SUM		DDITIONAL MOBILIZ/ 3 E/	ATION FOR SEEDING A	-	DATED E DATED E DATI JATED E DATI JATED E DATI JATED E DATI SATISTIC	A SALEDI AN COUNTY CCUNTY C	
								EARTH	NORK					ı İ		1005 10	
														1	A.	57262	F
STA.	STA.	LOCATION	CLASS A EXCAVATION (CUYD)	COMPACTING EMBANKMENT (CUYD)	EXCESS EXCAVATIO (CUYD)	N E	MBANKMENT IN PLACE (CUYD)				REMA	RKS					
26+73.88	30+85.00	LBP	869.0	48.4	820.6		0.0								No I		÷
36+10.00	40+50.46	LBP	508.0	314.3	193.7		0.0								T PT		- 
5+51.68	15+00.80 7+27.41	RAMP 2	415.7	415.7	0.0		380.0								SCR		<
0+46.51	9+99.61	RAMP 4	201.7	84.2	117.6		0.0								DE		-
		SUBTOTAL:	2407	1275	1132		5025										
		TOTAL:	2407	2407			3893	EXCESS	EXC. INCLUD	DIN COMPACTING	EMBANKMENT" TOTA	L & SUBTRACTED FR	OM "EMBANKMENT IN PLACE" SUBTOTAL				
STA. 26+73.88 34+47.35 36+99.56 5+51.68 0+42.01 0+46.51	COMPA STA. 30+18.37 36+03.48 40+50.46 15+00.80 7+27.41 9+99.61	CTING IN CU LOCATION LBP LBP RAMP 2 RAMP 3 RAMP 4 TOTAL:	T COMPACTING IN CUT (STA) 3.5 1.6 3.6 9.5 6.9 9.5 6.9 9.6 34.7	SHE	ET NO. CENT 4 L 4 L 4 L 4 L 4 L 4 L 8 L 8 L 8 L 8 L 8 L 8 L 8 L 12 RA 14 RA 16 RA	ERLINE BP BP BP BP BP BP BP BP BP MP 2 MP 2 MP 3	STA. 26+73.88 26+73.88 29+16.95 30+57.27 34+47.35 36+98.69 36+99.56 37+02.91 37+81.15 5+51.68 10+40.00 0+21.79	STA. 30+18.34 30+06.50 29+58.92 30+78.77 36+03.48 37+19.71 40+50.46 40+05.68 38+58.42 10+40.00 14+97.57 5+30.00	CONCRETE P LOCATION CL RT LT RT CL LT CL LT RT RT RT RT LT	AVEMENT CONCRETE PAVEMENT (9.5 IN. NON-REINFORCED, 15 FT. JOINTS) (SQYD) 504.6 582.5 15.2 8.5 173.3 29.5 421.6 159.7 17.5 - - - - -	CONCRETE PAVEMENT (12 IN. NON-REINFORCED, 15 FT. JOINTS) - - - - - - - - - - - - - - - - - - -	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) * (SQYD) 504.6 582.5 15.2 8.5 173.3 29.5 421.6 159.7 17.5 838.2 810.7 1236.6			MISSOURI HIGHWAYS AND TRANSPORTATION D		J-888-ASK-MODOT (1-888-275-6636)
				* M	16 RA 18 RA 18 RA 20 RA 22 RA ATCH EXISTING	MP 3 MP 3 MP 4 MP 4 BASE, N	0+58.75 5+30.00 5+30.00 0+98.71 5+25.00	5+30.00 7+27.41 7+27.41 5+25.00 9+99.61	RT RT RT TOTAL:	- - - - - - - - - - - - - - - - - - -	497.6 122.9 149.9 307.6 221.0 3927.3	575.4 156.1 182.5 378.7 285.2 6376	SUMMARY OF QUANTITIES SHEET 1 OF 4	ō	BURNS	9400 Ward Parkway Kansas City MO 64114	(816) 333-9400

	COMPACTING IN CUT										
			COMPACTING								
STA.	STA.	LOCATION	IN CUT								
			(STA)								
26+73.88	30+18.37	LBP	3.5								
34+47.35	36+03.48	LBP	1.6								
36+99.56	40+50.46	LBP	3.6								
5+51.68	15+00.80	RAMP 2	9.5								
0+42.01	7+27.41	RAMP 3	6.9								
0+46.51	9+99.61	RAMP 4	9.6								
		TOTAL:	34.7								

PORTA	TION	CO	MM I S	SSION					THE	OHN HEF NUME PE-20150	IL PLASSE	
RACTOR FURNIS 1 LU	HED SURVEY AN JMP SUM	D STAKING		MOBILIZATION 1 LUMP SUM	AD	DITIONAL MOBILIZ 3 E	ATION FOR SEEDING			VED, SEA D ELECTI DATE PRE 3/1/2 TE SP COUN ACK ACK I KUO CONTRAC	PARED 2024 STATE MO SHEET NO. 3 TTY SON 033 T ID. T NO.	
		EARTHV	VORK							BRIDGE	NO.	Ē
EXCESS EXCAVATION (CUYD) 820.6	EMBANKMENT IN PLACE (CUYD) 0.0	_			REMAF	KS			NO	4572	262	10 DECENT ON
193.7	0.0								ΡΤΙ			
0.0	380.0	_							SCRI			<
117.6	4645.1 0.0								DES			L.
1132	5025											
	3893	EXCESS I	EXC. INCLUD	ED IN "COMPACTING	EMBANKMENT" TOTAL	& SUBTRACTED FR	ROM "EMBANKMENT IN	PLACE" SUBTOTAL				
NC. CENTERLIN LBP LBP LBP LBP LBP LBP LBP LBP	JE STA. 26+73.88 26+73.88 29+16.95 30+57.27 34+47.35 36+98.69 36+99.56 37+02.91 37+81.15 5+51.68 10+40.00 0+21.79 0+58.75	STA. 30+18.34 30+06.50 29+58.92 30+78.77 36+03.48 37+19.71 40+50.46 40+05.68 38+58.42 10+40.00 14+97.57 5+30.00	CONCRETE P LOCATION CL RT LT RT CL UT CL UT RT RT RT RT RT RT RT	AVEMENT CONCRETE PAVEMENT (9.5 IN. NON-REINFORCED, 15 FT. JOINTS) (SQYD) 504.6 582.5 15.2 8.5 173.3 29.5 421.6 159.7 17.5 - - -	CONCRETE PAVEMENT (12 IN. NON-REINFORCED, 15 FT. JOINTS) (SQYD) - - - - - - - - - - - - - - - - - - -	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) * (SQYD) 504.6 582.5 15.2 8.5 173.3 29.5 421.6 159.7 17.5 838.2 810.7 1236.6 575.4			MISSOURI HIGHWAYS AND TRANSPORTATION [	MADOT	Jefferson City Mo 5102	
RAMP 3	5+30.00	7+27.41		-	122.9	156.1						
RAMP 3	5+30.00	7+27.41	RT	-	149.9	182.5						
RAMP 4	0+98.71	5+25.00	RT	-	307.6	378.7						
KAMP 4	5+25.00	9+99.61		- 1912 4	3927.3	6376			1	ш		
H EXISTING BAS	E, NO DIRECT PA	Y FOR ADDI	TIONAL BASI	E OVER 4" THICK			SUMMARY OF SHEET	QUANTITIES 1 OF 4	<b>BURNS</b>	MCDON	9400 Ward Parkway Kansas City, MO 6411, (816) 333-9400	
	POR TA     ITIES     ITIES     ITIES     ILL     Second Sec	PORTATION     ITIES     RACTOR FURNISHED SURVEY AN 1 LUMP SUM     1 LUMP SUM     EXCESS   EMBANKMENT IN PLACE     EXCAVATION   ENCAVATION     193.7   0.0     0.0   380.0     0.0   4645.1     117.6   0.0     1132   5025     3893   3893     NO.   CENTERLINE   STA.     LBP   26+73.88     LBP   26+73.88     LBP   29+16.95     LBP   30+57.27     LBP   30+57.27     LBP   36+99.56     LBP   36+99.56     LBP   30+57.27     LBP   30+57.27     LBP   36+99.56     LBP   30+57.27     LBP   30+57.27 <	PORTATION     COI       ITIES     ITIES       RACTOR FURNISHED SURVEY AND STAKING ILUMP SUM       EARTHV       EXCESS       EMBANKMENT IN PLACE       (CUYD)     (CUYD)       820.6     0.0       0.0     380.0       0.0     4645.1       117.6     0.0       1132     5025       ANO.       EXCESS I       ILBP       APH 16,95       DE 26+73.88       OU       LBP       APH 26+73.88       ILBP       APH 26+73.88       ILBP       APH 26+73.88       ILBP       APH 26+73.88       APH 26+73.88       ILBP       APH 26+73.88       ILBP       APH 26+73.88       APH 26+73.88       APH 26+73.88       APH 26+73.88	PORTATION     COMMISS       ITTES       RACTOR FURNISHED SURVEY AND STAKING 1LUMP SUM       EARTHWORK       EARTHWORK       EXCESS       EMBANKMENT IN PLACE       (CUYD)       620.6       0.0       CONCRETE P       CONCRETE P       NO.     CENTERLINE       STA.     STA.       LEP	PORTATION COMMISSION       ITIES       RACTOR FURNISHED SURVEY AND STAKING ILUMP SUM       MOBILIZATION ILUMP SUM       MOBILIZATION ILUMP SUM       EXECTOR FURNISHED SURVEY AND STAKING ILUMP SUM       MOBILIZATION ILUMP SUM       MOBILIZATION ILUMP SUM       EXECTSS       EMBANKMENT EXCAVATION       (CUVD)       820.6       0.0       0.0       0.0       0.0       1132       0.0       1132       0.0       1132       0.0       1132       0.0       1132       0.0       1132       0.0       1132       0.0       1132       0.0       1132       0.0       1132       0.0       1132       1132       1132       0.0       1132       0.0       1132       0.0       1132	PORTATION COMMISSION       ITIES       RECTOR FURNISHED SURVEY AND STAKING 1 LUMP SUM     MOBILIZATION 1 LUMP SUM     D       MOBILIZATION 1 LUMP SUM     MOBILIZATION 1 LUMP SUM     D       EXCESS EXCAVATION 1000     HEARTHWORK     MOBILIZATION 1 LUMP SUM     D       EXCESS EXCAVATION 1000     HEARTHWORK     REMARK EXCESS 1000     REMARK 1000     REMARKENT 1000       CLUPD)     CUMPO 1000     380.0	PORTATION COMMISSION       ITIES       ACCOR FURNISHED SURVEY AND STAKING       ILLMP SUM     ILLMP SUM       ILLMP SUM     REMARKS       ILLP SUM	<section-header></section-header>	<section-header><section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header></section-header>	<section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header>		<section-header></section-header>

## MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

SUMMARY OF QUANTITIES

	GUARDRAIL											
SHEET NO.	CENTERLINE	STA.	STA.	LOCATION	TRANSITION SECTION (6.5 FT. POSTS)	TYPE A CRASHWORTHY END TERMINAL (MASH)	TYPE E CRASHWORTHY END TERMINAL (MASH)					
					(EA)	(EA)	(EA)					
4	LBP	30+58.77	30+78.77	RT			1					
6	LBP	35+71.06	35+96.06	LT	1							
6&8	LBP	35+96.06	36+47.19	LT		1						
				TOTAL:	1	1	1					

			TE	MPORARY EF	OSION CONTR	ROL			
SHEET NO.	CENTERLINE	STA.	STA.	LOCATION	CURB INLET CHECK	ROCK DITCH CHECK	DITCH CHECK SPACING	SILT FENCE	SEDIMENT REMOVAL
					(EA)	(FT)	(FT)	(FT)	(CUYD)
109	LBP	25+90	-	RT	1	-	-	-	1.0
109	LBP	25+92	-	LT	1	-	-	-	1.0
109	LBP	26+73	29+95	RT	-	-	-	368	3.7
109	LBP	29+14	29+86	LT	-	-	-	88	0.9
109	LBP	30+43	30+80	RT	-	-	-	46	0.5
109	LBP	30+47	30+65	LT	-	-	Т	24	0.2
110	LBP	30+80	30+86	RT	-	-	-	7	0.1
110	LBP	36+07	36+20	LT	-	-	-	26	0.3
111	LBP	36+20	36+69	LT	-	-	-	56	0.6
111	LBP	36+51	-	RT	1	-	-	-	1.0
111	LBP	36+64	1- C	LT	1	-	-	1	1.0
111	LBP	37+08	40+08	LT	-	μ.	-	317	3.2
111	LBP	37+69	38+60	RT	1	-	-	122	1.2
111	LBP	40+49	(+)	LT	1				1.0
113	RAMP 2	5+50	8+00	RT	-	-	-	256	2.6
113	RAMP 2	9+05	10+40	RT	-	138	30	-	5.0
114	RAMP 2	10+40	14+00	RT	-	373	30	-	13.0
115	RAMP 3	0+77	5+30	RT	-	-	-	447	4.5
115	RAMP 3	0+95	5+30	LT	-	-	-	451	4.5
116	RAMP 3	5+30	7+29	RT	-		-	202	2.0
116	RAMP 3	5+30	7+29	LT	-	-	-	216	2.2
117	RAMP 4	1+25	5+25	RT	-			400	4
118	RAMP 4	5+25	10+00	RT	-	-	-	491	4.9
				TOTAL	5	511	-	3517	59

			PIPE CULVER	ГS			
			GROUP A PIPE	GROUP A			
SHEET NO.	CENTERLINE	STA.	18"	F.E.S. 18"	EXCAVATION	ΤΥΡΕ Α	
			(LF)	(EA)	(CUYD)	(EA)	
22	RAMP 4	7+33.62	6	1	3.4	1	
		TOTAL:	6	1	4	1	

			CONCRETE	SIDEWALK, 4	IN.		
SHEET NO.	CENTERLINE	STA.	STA.	LOCATION	CONCRETE CURB RAMP	TRUNCATED DOMES	CONCRETE SIDEWALK, 4 IN.
					(SQYD)	(SQYD)	(SQYD)
4	LBP	26+73.88	29+86.79	RT	4.3	16	299.3
4	LBP	29+16.43	29+79.71	LT	3.0	10	36.3
4	LBP	29+97.47	30+10.46	RT	15.3	32	-
4	LBP	29+98.81	30+15.86	LT	12.3	24	-
4	LBP	30+44.45	30+80.00	RT	5.7	16	26.5
4	LBP	30+47.81	30+63.19	LT	3.6	12	6.7
6	LBP	30+80.00	30+85.45	RT	-	-	5.4
6	LBP	36+09.77	36+20.00	LT	-	-	5.7
8	LBP	36+20.00	3 <del>6+</del> 68.89	LT	4.2	10	23.1
8	LBP	36+27.01	36+59.93	RT	8.3	18	25.9
8	LBP	36+89.87	36+96.88	RT	6.5	-	-
8	LBP	37+01.44	37+14.83	LT	10.7	24	-
8	LBP	37+25.37	40+06.95	LT	4.5	12	153.0
8	LBP	37+27.27	38+58.99	RT	6.5	16	117.5
				TOTAL:	84.9	190	699.4

			SEEDING	AND MULCH	IING		
SHEET NO.	CENTERLINE	STA.	STA.	LOCATION	TEMPORARY SEEDING	SEEDING - COOL SEASON MIX	MULCHING
					(ACRE)	(ACRE)	(ACRE)
4	LBP	26+73.88	30+03.74	RT	0.12	0.12	0.12
4	LBP	26+73.88	27+49.02	CL	0.03	0.03	0.03
4	LBP	29+16.34	29+77.97	LT	0.01	0.01	0.01
4&6	LBP	30+42.65	30+85.57	RT	0.01	0.01	0.01
4	LBP	30147.61	30163.19	LT	0.01	0.01	0.01
6 & 8	LBP	36+08.25	36+70.59	LT	0.04	0.04	0.04
6	LBP	36+26.93	36+58.76	RT	0.01	0.01	0.01
8	LBP	37+07.18	40+07.30	LT	0.28	0.28	0.28
8	LBP	37+30.30	38+59.29	RT	0.08	0.08	0.08
8	LBP	<b>39+99.86</b>	40+50.02	CL	0.01	0.01	0.01
12	RAMP 2	5+51.63	10+40.00	RT	0.18	0.18	0.18
14	RAMP 2	10+40.00	14+70.01	RT	0.19	0.19	0.19
16	RAMP 3	0+70.14	5+30.00	LT	0.58	0.58	0.58
16	RAMP 3	0+76.92	5+30.00	RT	0.12	0.12	0.12
18	RAMP 3	5+30.00	7+27.41	LT	0.05	0.05	0.05
18	RAMP 3	5+30.00	7+27.41	RT	0.01	0.01	0.01
20	RAMP 4	1+08.71	5+25.00	RT	0.05	0.05	0.05
22	RAMP 4	5+25.00	9+99.61	RT	0.06	0.06	0.06
				TOTAL:	1.9	1.9	1.9

		CONC	RETE CURB A	ND GUTTER		
SHEET NO.	CENTERLINE	STA.	STA.	LOCATION	CURB AND GUTTER TYPE B	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) *
				LOCATION TYPE B FOR BASE (4 IN. THICK) (LF) (SQYD) 4 RT 368 184.0 6 CL 350 175.0		
4	LBP	26+73.88	30+03.74	RT	368	184.0
4	LBP	26+73.88	30+10.16	CL	350	175.0
4	LBP	29+16.83	29+96.12	LT	120	60.0
8	LBP	37+04.55	40+50.46	CL	377	188.5
8	LBP	37+07.18	40+06.15	LT	304	152.0
8	LBP	37+08.29	38+58.57	RT	190	95.0
				TOTAL:	1709	855

\* MATCH EXISTING BASE, NO DIRECT PAY FOR ADDITIONAL BASE OVER 4" THICK

		RAISE	D CONCRETE	ISLAND		
SHEET NO.	CENTERLINE	STA.	STA.	LOCATION	CONCRETE MEDIAN (4 IN.)	6 IN. CONCRETE MEDIAN STRIP
				(SQYD)	(SQYD)	
4	LBP	27+49.02	30+10.16	LT	257.0	-
4	LBP	29+67.21	30+10.70	RT	-	45.9
4	LBP	29+94.65	30+15.87	LT	2-	49.1
8	LBP	36+84.08	37+03.77	RT	) <del>-</del>	25.5
8	LBP	37+01.25	37+31.62	LT	-	23.4
8	LBP	37+04.55	39+99.77	RT	251.9	
				TOTAL:	508.9	143.9

. 4		DATE	DESCRIPTION						and the second s	ł
							C	0	min by	E Start
	COMM I S S I ON					K		TH SIO DAT	Brow of	the second
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MEDONNELL	MODOT			57			1 / , ,	HEE D, SE ELEC	NUN 2-201	OF
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	105 WEST CAPITOL			₩0. 62	3 1D	0	ST N	S BE	556	Hase MAN
	JEFFERSON CITY, MO 65102				3	3 N	+ ATE 10 T N		CALL R. C.	HANN I
4 (816) 555-9400	1-888-ASK-MODOT (1-888-275-6636)						0.	Y		
			TE A CEAL TO DECENT							

## MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

SUMMARY OF QUANTITIES

SUMMARY OF LIGHTING SYSTEM QUANTITIES		
ITEM DESCRIPTION	UNIT	QTY
RELOCATED POLE	EA	6
CONDUIT, 2 IN. RIGID, MEDIAN	LF	314
CONDUIT, 31N. RIGID, PUSHED	LF	211
CONDUIT, 4 IN. RIGID, PUSHED	LF	59
TRENCHING TYPE I	LF	3000
PULL BOX, PREFORMED CLASS 1	EA	11
PULL BOX, PREFORMED CLASS 2	EA	2
CABLE-CONDUIT, 1 IN., 2 CONDUCTORS AND 1 BARE NEUTRAL, 2 AWG	LF	1163
CABLE-CONDUIT, 1 IN., 2 CONDUCTORS AND 1 BARE NEUTRAL, 4 AWG	LF	2379
POLE FOUNDATION (45 FT. OR 13.5 M MOUNTING HEIGHT)	EA	6

	P	AVEMENT	MARKING	G REMOVAL	
				PAVEMENT	PAVEMENT
SHEET NO		Rog Sta	EndSta	MARKING	MARKING REMOVAL
SHEET NO.	CENTERLINE	Deg. std.	Ellu Sta.	REMOVAL	(SYMBOLS)
				LF	EACH
154	LBP	25+61	31+11	1,509.19	-
155	LBP	30+79	36+19	3,579.87	6
156	LBP	36+08	41+66	1,323.64	÷
157	RAMP 1	12+00	17+16	184.42	-
158	RAMP 2	4+99	10+50	1,039.76	6
159	RAMP 2	10+40	15+41	1,240.39	-
160	RAMP 3	0+00	5+31	1,058.30	4
161	RAMP 3	5+18	10+71	<b>418.90</b>	-
162	RAMP 4	5+25	10+63	840.90	-
163	RAMP 4	0+00	5+25	<b>949.1</b> 0	-
	SUBTOT	AL:		12,144.47	16
	TOTAL	:		12,145	16

SIGN RELOCA	TION	
STANDARD		
SIGN OR	NO.	
SPECIAL SIGN	EACH	
NUMBER		
R4-7	1	
R5-1	3	
R5-1a	3	
R6-1L	2	
R10-15	1	
W11-1	1	
M1-1	6	
M3-2	3	
M3-4	3	
M5-1R	2	1
M6-1	2	
M6-3	2	
D9-2	1	1
CUSTOM 1	1	1
CUSTOM 2	1	1
CUSTOM 3	1	1
CUSTOM 4	1	1
TOTAL:	34	

REFER TO SIGNING SHEETS 150 & 151

				TEMPORARY		ING	4.		
SHEET NO.	CENTERLINE	STA.	STA.	PAVEMENT MARKING REMOVAL*	PAVEMENT MARKING REMOVAL (SYMBOLS)*	TEMPORAR	Y REMOVABI TAPE	.E MARKING	COLD APPLIED TAPE PAVEMENT MARKING LEFT/RIGHT
					(3111120123)	4" WHITE	4" YELLOW	24" WHITE	ARROW
				LF	EA	LF	LF	LF	EA
40	LBP	NA	NA		7				7
43	LBP	29+00	34+20		3				3
44	LBP	34+20	39+60		5				5
44	LBP	37+24	38+57	133		133			
54	RAMP 2	11+65	12+77	112		112			
54	RAMP 2	14+20	15+13	122		122			
54	RAMP 2	14+59	15+13	72			72		
57	LBP	NA	NA		7				7
58	RAMP 2	NA	NA		7				7
73	RAMP 2	13+82	15+02	146		146			
73	RAMP 2	14+14	15+01	87		87			
73	RAMP 2	15+01	15+02	45		45			
73	RAMP 2	14+14	15+02	100		100			
76	LBP	NA	NA		7				7
80	LBP	29+39	29+89	74		74			
80	LBP	29+39	30+10	81		81			
80	LBP	29+89	30+10	32		32			
85	LBP	31+92	32+09	18		18			
85	LBP/RAMP 3	38+04	0+79	117		117			
85	LBP/RAMP 3	32+09	1+81	140		140			
85	LBP/RAMP 3	31+92	4+77	431		431			
85	RAMP 3	0+00	5+30		6				6
85	RAMP 3	0+79	0+79					36	
85	RAMP 3	0+79	4+77	401		401			
85	RAMP 3	0+79	4+77	100		100			
85	RAMP 3	0+79	4+77	406		406			
96	LBP	30+90	32+44	154		154			
96	LBP	29+00	34+20	- 1 abhfholta	3				3
97	LBP	34+98	36+52	154	0.000	154			0.70
97	LBP	34+20	39+60		3				3
			TOTAL:	2925	48	2853	72	36	48
							TADE		

		ITS	S - KC SCOUT		
SHEE⊤ NO.	CENTERLINE	STA.	LOCATION	LOWERING SCOUT ITS CONDUITS	REMOVING EXISTING SCOUT ITS PULL BOX
				(LF)	(EA)
4	LBP	29+29.41	RT	10	1
14	RAMP 2	10+84.43	RT	20	-
14	RAMP 2	12+84.40	RT	10	1
			TOTAL:	40	2

						PAVEMENT N	ARKING					
					WAT	FERBORNE PAINT, T	YPEL BEADS		PI	ERFORMED TH	ERMOPLASTIC	2
				6" INTERSECTION	4" DOUBLE SOLID	6" INTERMITTENT	6" SOLID		SOLID WHITE	SOLID WHITE	24" SOLID	30" WHITE
SHEET NO.	CENTERLINE	Beg. Sta.	End Sta.	WHITE LANE	YELLOW	WHITE LANE	WHITE LANE	6" SOLID YELLOW LANE LINE*	<b>RIGHT TURN</b>	LEFT TURN	WHITE STOP	MIDBLOCK
				LINE*	CENTERLINE*	LINE*	LINE*		ARROW*	ARROW*	BAR*	*
				LF	LF	LF	LF	LF	EACH	EACH	LF	EACH
154	LBP	25+61	31+11	50.86		201.55	832.89	445.63	1		88.02	
155	LBP	30+79	36+19		541.05	725.87	2372.46			12		
156	LBP	36+08	41+66	74.57		205.84	992.54	514.50	1		87.99	
157	RAMP 1	12+00	17+16				61.37	66.35				10.00
158	RAMP 2	4+99	10+50			209.83	1321.88	544.00	1	2		
159	RAMP 2	10+40	15+41			66.99	77.27	386.47	2	4	24.11	9.00
160	RAMP 3	0+00	5+31			264.91	711.00	659.44	6	6	48.00	10.00
161	RAMP 3	5+18	10+71			65.60	252.08					
162	RAMP 4	5+25	10+63			207.41	639.03	946.81				10.00
163	RAMP 4	0+00	5+25				300.07					
	*	SL	JBTOTAL	125.43	541.05	1947.99	7560.59	3563.20	11	24	248.13	39.00
			TOTAL	126	542	1948	7561	3564	11	24	249	39

\*All pavement markings require contrast pavement markings

	MISSOURI HIGHWAYS AND TRANSPORTATION	DATE	DESCRIPTION				(		¥	- Contraction	
	COMM I SS I ON					<u> </u>		SIC	TH	ALS + PT	
				BR A!		JA			PH SSI SSI SSI	JOH	555
MEDONNELL	MODOT			57			т Т	D, SE ELEC TE PI	ON HEE	NH	
				e r 20	00 аст ст		9	REPA	AL	ERR	MI
1 0400 Vara Farkway	105 WEST CAPITOL			10. 52	3. 1D	0	ST V	D, A NIC	S BE	MAN	IG
	JEFFERSON CITY, MO 65102				3	N	ATE 10 T N	ALL'		Har and	2
(816) 555-9400	1-888-ASK-MODOT (1-888-275-6636)						0.	Y		in the second	
				UTIT NO TI							

												EFFECTIVE: 04-01-2024	and and a second	
TOTAL QTY TOT	TALSIGN						QTY	TOTAL SIGN					TE OF MISSO	200
SIZE AREA QTY AREA RELOC REL	LOC NUM.			SIZE	AREA	QTY	TOTAL RELOC	RELOC NUM.					JOHN HERRMAN	NE
SIGN IN. SQ.FT EACH SQ.FT. EACH SQ.	.FT.		SIGN	IN.	SQ.FT	EACH	SQ.FT. EACH	SQ.FT.		ITEM	TOTAL		P	A B
WARNING SIGNS		DESCRIPTION				GUIC	DE SIGNS		DESCRIPTION	NUMBER	QTY	DESCRIPTION	NUMBER PE-2015000556	
WO1-1L 48X48 16.00	Г   I	FURN (SYMBOL LEFT)	E05-1	36X48	12.00				GORE EXIT	6122008	1	IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	SSIONAL E	
WO1-1R 48X48 16.00	1	TURN (SYMBOL RIGHT)	E05-2	48X36	12.00				EXIT OPEN	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)	THIS SHEET HAS BE	EEN
WO1-2L 48X48 16.00	0		E05-2a	48X36	12.00				EXIT CLOSED	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	SIGNED, SEALED, A DATED ELECTRONIC	AND CALLY
WO1-2R 48X48 16.00		CURVE (SYMBOL RIGHI)	GO20-1 GO20-2	60X24	8 00	8	64 00		ROAD WORK NEXT XX MILES	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)	DATE PREPARED	
WO1-3R 48X48 16.00	F	REVERSE TURN (SYMBOL RIGHT)	GO20-2 GO20-4	36X18	4.50	0	04.00		PILOT CAR FOLLOW ME	6122014		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)	3/1/2024	4
WO1-4L 48X48 16.00	F	REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75				PILOT CAR IN USE WAIT & FOLLOW	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)	ROUTE ST.	
WO1-4R 48X48 16.00	F	REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	18X12	1.50				PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL	LBP M	ET NO.
WO1-4bL 48X48 16.00	C	DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00				WORK ZONE (PLAQUE)	6122030		IMPACT ATTENUATOR (RELOCATION)	KC	3 É
WO1-4bR 48X48 16.00		DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4 - 8 a	24X18	3.00				END DETOUR	6123001	1	TRUCK MOUNTED ATTENUATOR (TMA) *	COUNTY	
WO1-4CL 48X48 16.00		RIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4 - 9L	48836	12.00				DETOUR (LEFT)	6161008	10	ADVANCED WARNING KAIL SYSTEM		N
WO1-6 60X30 12 50 3 37 50		HORIZONTAL ARROW (SYMBOL)	MO4 - 9R	48X12	4 00				STREET NAME (PLAQUE)	6161013		BUOYS (NO WAKE)		3 !
WO1-6a 72X36 18.00		ORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L	48X18	6.00				DETOUR ARROW (LEFT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)	CONTRACT ID	,
WO1-7 60X30 12.50	C	DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R	48X18	6.00				DETOUR ARROW (RIGHT)	6161025	252	CHANNELIZER (TRIM LINE)		
WO1-7a 72X36 18.00	C	DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)				REGL	JLATORY SIG	NS		6161030	7	TYPE III MOVEABLE BARRICADE	PROJECT NO.	,
WO1-8 18X24 3.00	0	CHEVRON (SYMBOL)	R1-1	48X48	13.25				STOP	6161033		DIRECTION INDICATOR BARRICADE	BRIDGE NO.	
W01-8a 30X36 7.50		HEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI.	6.93				TO ONCOMING TRAFFIC (DIACHE)	6161040	6	FLASHING ARROW PANEL	A57262	2
WO3-2 48X48 16 00		(TELD AHEAD (STIMBOL)	R1-20	30X10	2 50				ALL WAY (PLACUE)	6161055	60	SEQUENTIAL FLASHING WARNING LIGHT		
WO3-3 48X48 16.00		SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00				SPEED LIMIT XX	6161070		TUBULAR MARKER		
WO3-4 48X48 16.00		BE PREPARED TO STOP	R3-1	48X48	16.00				NO RIGHT TURN (SYMBOL)	6161095		RADAR SPEED ADVISORY SYSTEM		
WO3-5 48X48 16.00	9	SPEED LIMIT AHEAD	R3-2	48X48	16.00				NO LEFT TURN (SYMBOL)			CHANGEABLE MESSAGE SIGN,		
WO4-1L 48X48 16.00	N	IERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00				NO TURNS	6161096		COMMISSION FURNISHED/RETAINED		
WO4-1R 48X48 16.00	N	AERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00		27.50		NO U-TURN (SYMBOL)	6161000		CHANGEABLE MESSAGE SIGN W/O COMM.		
WO4 12P 48X48 16.00	N	AERGE (LEFI)	R3-7L	30X30	6.25	6	37.50 6	37.50	LEFT LANE MUST TURN LEFT	61610984	2	INTERFACE - CONTRACTOR FURNISHED/RETAINED	SC I	<
WO5-1 48X48 16 00	F	ROAD / BRIDGE / RAMP_NARROWS	R4-1	36X48	12 00	4	23.00 7	12.50	DO NOT PASS	6161099		INTERFACE - CONTRACTOR FURNISHED/RETAINED	Ë	<u> </u>
WO5-3 48X48 16.00		DNE LANE BRIDGE	R4-2	36X48	12.00				PASS WITH CARE	61620004		WORK ZONE TRAFFIC SIGNAL SYSTEM		
WO5-5 48X48 16.00	Ν	JARROW LANES	R4-7a	36X48	12.00				KEEP RIGHT (HORIZONTAL ARROW)	6162002		TEMPORARY LONG-TERM RUMBLE STRIPS		
WO6-1 48X48 16.00	C	DIVIDED HIGHWAY (SYMBOL)	R4-8a	36X48	12.00				KEEP LEFT (HORIZONTAL ARROW)			TEMPORARY TRAFFIC BARRIER		
WO6-2 48X48 16.00		DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30	6.25				DO NOT ENTER	6173600	716	CONTRACTOR FURNISHED/RETAINED		+
WO6-3 48X48 16.00		WO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00				WRONG WAY	6172602		TEMPORARY TRAFFIC BARRIER		
WOR-1 48X48 16 00	F	NEAT AA MILES (PLAQUE)	R6-1L R6-1R	54X18	6.75				ONE WAY ARROW (LEFT)	61740004		TEMP TRAFFIC BARBIER HEIGHT TRANSITION	DA	
W08-2 48X48 16.00		DIP	R6-2L	24X30	5.00				ONE WAY (LEFT)	61750104		RELOCATING TEMPORARY TRAFFIC BARRIER		
WO8-3 48X48 16.00	F	PAVEMENT ENDS	R6-2R	24X30	5.00				ONE WAY (RIGHT)			TEMPORARY TRAFFIC BARRIER		536 536
WO8-4 48X48 16.00	5	SOFT SHOULDER	R9-9	24X12	2.00	4	8.00		SIDEWALK CLOSED	6176000	3	COMMISSION FURNISHED/RETAINED	AT	Ar. 65 -66
WO8-5 48X48 16.00		SLIPPERY WHEN WET (SYMBOL)							SIDEWALK CLOSED AHEAD,			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION		MO 275
WO8-6 48X48 16.00	- 1		R9-11L	24X18	3.00				(ARROW LEFT) CROSS HERE	6177000	3	COMMISSION FURNISHED/RETAINED	SPC	88- 88-
WO8-6C 48X48 16.00		OOSE GRAVEL	R9-11R	24818	3 00				(ABROW RIGHT) CROSS HERE	9029400		TEMPORARY RAISED PAVEMENT MARKER	ANS	1-8 1-8
W08-7a 36X36 9.00	F	RESH OIL / LOOSE GRAVEL	R10-6	24X36	6.00				STOP HERE ON RED (45^ ARROW)	9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING	⊥ Z	NON L
WO8-9 48X48 16.00	L	OW SHOULDER	R11-2	48X30	10.00				ROAD CLOSED				<b>9</b>	ERS
WO8-11 48X48 16.00	ι	JNEVEN LANES							ROAD CLOSED XX MILES AHEAD				AN I SS	Е Р Р - MC
WO8-12 48X48 16.00	N	NO CENTER LINE	R11-3a	60X30	12.50				LOCAL TRAFFIC ONLY					ASK
WO8-15 48X48 16.00			R11-4	60X30	12.50				ROAD CLOSED TO THRU TRAFFIC					
W08-15P 30X24 5.00				56X12	20.00				SPEEDING (PASSING (PLATE)					8
W08-17E 48X48 16.00		SHOULDER DROP-OFF (SYMBOL RIGHT)	CON31-3/	50/12	4.07	MISC		SIGNS	STEEDING/TASSING (TEATE)		D. D. D. C. C. T.			<u>ר א</u>
W08-17P 30X24 5.00	9	SHOULDER DROP-OFF (PLAQUE)	CONST-5	48X36	12.00				POINT OF PRESENCE	* NO	DIRECT	PAYMENT FOR MOBILE IMA OPERATIONS		ו א
W10-1 42RND. 9.62	F	AILROAD CROSSING	CONST - 5	96X48	32.00				POINT OF PRESENCE				lδ   Σ 🔇	
W012-1 24X24 4.00 2 8.00 2 8.0	.00 [	DOUBLE DOWN ARROW (SYMBOL)	CONST-7	48X24	8.00				RATE OUR WORK ZONE					
W012-2 48X48 16.00		OW CLEARANCE (SYMBOL)	CONST - 7	72X36	18.00				RATE OUR WORK ZONE					-
W012-2x 24X18 3.00 W012-2a 84X24 14.00		UW CLEARANCE (PLAQUE)	W4-21	48836	16 00	12	192 00	<u> </u>	WURK ZUNE NU PHUNE ZUNE					
W012-4 120X60 50.00		OW CLEARANCE XX FT XX IN XX MILES AHEAD	W4 - 2R	48X48	16.00	10	160.00 2	32.00						
W012-5 120X60 50.00	- V	VIDTH RESTRICTION XX FT XX IN XX MILES AHEAD											.	
WO13-1 30X30 6.25	A	ADVISORY SPEED (PLAQUE)											<b>!</b>	
WO16-2 30X24 5.00	>	(XX FEET (PLAQUE)												
W016-3 30X24 5.00	>	(MILE (PLAQUE)											│ Щ	<u> </u>
WU20-1 48X48 16.00 10 160.00 2 32.	.00 F	RUAD/BRIDGE/RAMP WORK AHEAD												4
WO20-2 40X40 10.00 WO20-3 48X48 16.00		ROAD CLOSED AHEAD	616-10	05			ΤΟΤΑΙ	<u> </u>						4
WO20-4 48X48 16.00		DNE LANE ROAD AHEAD	CONSTR	JCTIO	N SIC	SNS	932.00							
WO20-5 48X48 16.00 6 96.00 3 48.	.00 F	IGHT/CENTER/LEFT LANE CLOSED AHEAD	616-10	10				TOTAL						18ž
WO20-5a 48X48 16.00 4 64.00	2	2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD	RELOCA	ted s	IGNS			170.00						.4
WO20-6a 48X48 16.00 4 64.00	F	IGHT/CENTER/LEFT LANE CLOSED												
WO20-7a 48X48 16.00	F	LAGGER (SYMBOL)											ا <b>ت ک</b> اج	33.5
WO21-2 36X36 9.00	- F												🗰 🏹 🕤 🤅	Sa;
W021-5 48X48 16.00 1 16.00		REASTING ZONE AHEAD											Ç Ç	
W022-2 42X36 10.50		FURN OFF 2-WAY RADIO AND PHONE											🚺 ທີ່ 🕯	žω
WO22-3 42X36 10.50	E	END BLASTING ZONE										SUMMARY OF OHANTITIES		
GO22-1 21X15 2.19	۷	VET PAINT (ARROW PIVOTS)										SHEET 4 OF 4		
									c:\bmcd	ib\pw co	nnect∖tr	n\d0143710\003 QU 01-04 JKU0033 I1.dgn 3:26	55 PM 3/1/	/2024





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				890	THIS SHE	VAL BOSS	Y SEAL
				880	SIGNED, S DATED ELE	SEALED, AND CTRONICALLY PREPARED	DNICALI
					3/1 ROUTE	/ 2024 STATE MO	LECTRO
				870	DISTRICT	SHEET NO. 5	BEEN 6
				860		KSON <sup>B NO</sup> .	IT HAS
					CONTE	ECT NO.	SHEET
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30+00	LITTLE E	BLUE PKWY SHEET 1	/ PROFIL OF 3	E SHEET			
\004-009	PP_JKU0033	I20 Little	BluePkwy	dgn 2:39	52 PM	3/1/2024	





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					880		JOHN HI	ERRMA	IN TX	
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## REFERENCE TIE DETAILS





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REFERENCE POINT SHEET SHEET 1 OF 1

ALL PROJECT COORDINATES HAVE BEEN PROJECTED FROM				1		1	COORDINATE	POINT LISTING		
OF 1983 USING A	N AVERAGE PROIE	CT PROJECTION					MODIFI	ED STATE PLANE	(GROUND)	
(GRID TO GROUND	) FACTOR. TO GE	T BACK TO STATE				OFFSET	NORTHING	EASTING	ELEVATION	
PLANE COORDINATI	ES MULTIPY THE	PROJECT	SHEET NO	STATION	LOCATION	(USFT)	(US SURVEY FT)	(US SURVEY FT)	(US SURVEY FT)	DESCRIF
COORDINATES BY T	THE AVERAGE GRI	D FACTOR AS SHOWN	PROJECT CO	NTROL POINTS	5					
IN THE "REFEREN	CE CONTROL INFC	DRMATION" PORTION	4	29+25.34	LBP LT	169.61	1045610.929	2833928.840	809.17	CP #100 1/
OF THIS TABLE.			4	29+42.77	LBP LT	51.66	1045623.833	2834047.377	813.07	CP #101 CU
PROJECT COORD	DINATE INFORM	1AT I ON	4	29+57.67	LBP RT	54.40	1045634.659	2834153.928	814.08	CP #102 M
COORDINATE SYST	EM MO STATE PL	ANE 1983, WEST ZONE	6	36+20.28	LBP LT	53.48	1046300.914	2834071.490	790.42	CP #104 Cl
HORIZONTAL DATU	M NAD 83		8	37+30.34	LBP RT	17.82	1046408.162	2834146.940	786.33	CP #103 M
VERTICAL DATUM	NAVD 88		ALIGNMENT	- LITTLE BLU	JE PKWY	-	1			
GEOID MODEL	GEOID 12B		OFF PLANS	20+89.00	Ę		1044910.753	2833693.358		
ELEVATIONS			OFF PLANS	25+44.19	RT	113.85	1045149.508	2834080.906		
DETERMINED BY	GPS		4	29+25.27	Ę		1045604.364	2834098.327		
PROJECT PROJECT		1 0000880	8	37+07.34	Ę		1046385.863	2834128.258		
		<b>T</b> O	8	38+05.77	Ę		1046484.217	2834132.025		
REFERENCE CON	ITROL INFORMA	ATION	8	39+33.26	RT	4.95	1046611.619	2834136.904		
COORDINATE SYST	EM GPS		8	40+60.25	Ę		1046738.245	2834122.040		
CONTROL STATION	GPS		OFF PLANS	41+87.74	LT	4.95	1046864.871	2834107.176		
DESIGNATION	JA-150		OFF PLANS	43+14.72	Ę		1046992.273	2834112.056		
CORS_ID			ALIGNMENT	- RAMP 1						
PID	095150		OFF PLANS	0+00.00	B		1046308.977	2832417.067		
LATITUDE	39°02'36.303	357"	OFF PLANS	2+01.42	RT	12.32	1046274.703	2832615.547		
LONGITUDE	94° 20' 26.865	577"	OFF PLANS	4+00.83	Æ		1046289.464	2832816.424		
NORTHING (M)	319281.220		10	17+16.20	Æ		1046385.863	2834128.258		
EASTING (M)	863782.026		ALIGNMENT	- RAMP 2						
ZONE	2403 (MO-WEST)	)	OFF PLANS	0+00.00	F <u>E</u>		1046156.417	2832644.550		
PROJECT AVERAGE	GRID FACTOR	0.9999120	OFF PLANS	1+61.13	LT	9.85	1046128.998	2832803.334		
			OFF PLANS	3+20.66	Æ		1046063.980	2832950.768		
LAMFLE OF FR		INATE TO S.F.C.	12	9+76.84	Æ		1045799.211	2833551.159		
PROJECT NORTHING	G X AVERAGE GRI	D FACTOR	14	11+95.93	RT	20.71	1045710.808	2833751.621		
= STATE PLANE NO	ORTHING		14	14+09.82	F <u>E</u>		1045702.423	2833970.549		
PROJECT EASTING	X AVERAGE GRID	D FACTOR	14	15+41.25	Æ		1045697.393	2834101.890		
= STATE PLANE E	ASTING		ALIGNMENT	- RAMP 3						
EXAMPLE: CONTRO	L POINT #		16	0+00.00	Æ		1046385.863	2834128.258		
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E;	X =	E	16	4+63.77	LT	10.39	1046248.774	2834571.303		
			18	6+47.12	Æ		1046156.170	2834731.342		
LINEAR UNIT C	LONVERSION		OFF PLANS	11+15.11	Æ		1045921.780	2835136.414		
1  METER = 3.2803	833333 US SURVE	EY FEET (USFT)	OFF PLANS	13+49.56	RT	20.78	1045804.360	2835339.339		
			OFF PLANS	15+79.11	Æ		1045764.466	2835570.368		
			ALIGNMENT	- RAMP 4						
			20	0+00.00	Æ		1045697.393	2834101.890		
			OFF PLANS	11+77.16	₽Ę		1045681.014	2835278.939		
			OFF PLANS	13+06.27	LT	5.07	1045679.218	2835408.030		
			OFF PLANS	14+34.84	β		1045657.249	2835535.251		
			ALIGNMENT	- 1-70						
			OFF PLANS	734+00.00	Ę		1046350.121	2831850.795		
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TRAFFIC CONTROL MOT APPLICATION SHEET 2 OF 7 MUTCD 11th Edition

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Figure 6P-33. Stationary Lane Closure on a Divided Highway (TA-33)

Sect. 6P.01

Burden State       Motocol         Date Parkage       3/1/2024         Motocol       3/1/2024         Date Parkage       3/1/2024         COMMISSION       State         Date State       MO         Date State       MO         Date State       MO         Date State       MO         Date State       State         Date State       State         Date State       NO         JACKSON       State         Do Word       JACKSON         Do Word       State         Date No.       AS2262         Date No.       State         Do Word       State         Date No.       State         Do Word       State         Date No.       State         State       State         Do Word       State         Do Word       State         Do Word       State         State       State         Do Word       State         State       State         State       State         State       State         State       State         State       State	- Contraction	ALS + PRO	JOH	OF NH	MI	HAN AN	Ero - 197	Alimin's	
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TRAFFIC CONTROL MOT APPLICATION SHEET 3 OF 7

\* TRUCK-MOUNTED ATTENUATOR IS NOT INCLUDED IN PROJECT QUANTITIES





TRAFFIC CONTROL MOT APPLICATION SHEET 4 OF 7



DATE PREPARED 3/1/2024 ROUTE STATE LBP MO DISTRICT SHEET NO. KC 36 COUNTY JACK SON JKU0033 CONTRACT ID. PROJECT NO. BRIDGE NO. A57262 NO BRIDGE NO. A57262 NO BRIDGE NO. COUNTY DISTRICT ID. PROJECT NO. BRIDGE NO. COUNTACT ID. COUNTY COUNTY JACK SON JCOUNTY JACK SON JCOUNTY JACK SON JCOUNTY JACK SON JCOUNTY JACK SON JCOUNTY JACK SON JCOUNTY JACK SON JCOUNTY JACK SON JCOUNTY JACK SON DISTRICT ID. COUNTY JCOUN	DATE PREPARED 3/1/2024 ROUTE STATE LBP MO DISTRICT SHEET NO. KC 36 COUNITY JACKSON JKU0033 CONTRACT ID. PROJECT NO. BRIDGE NO. A57262 000011 1000 0000000000000000000000000
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TRAFFIC CONTROL MOT APPLICATION SHEET 5 OF 7





December 2023

Sect. 6P.01



TRAFFIC CONTROL MOT APPLICATION SHEET 6 OF 7

MUTCD 11th Edition

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Figure 6P-42. Work in the Vicinity of an Exit Ramp (TA-42)

Sect. 6P.01

December 2023



TRAFFIC CONTROL MOT APPLICATION SHEET 7 OF 7



STRIPING ON MULTI-LANE HIGHWAY

## NOT TO SCALE

UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCKS EQUIPPED WITH PROPER WARNING DEVICES.

PROTECTIVE TRUCKS AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK

FLASHING ARROW PANELS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT WILL BE MADE.

FLASHING ARROW PANELS SHALL, AS A MINIMUM, BE TYPE B, WITH A SIZE

A FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED. WHEN MORE THAN ONE LANE CLOSED, A SEPARATE FLASHING ARROW BOARD

(1) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT

(2) WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR SPACING SHOWN, WHICH EVER IS GREATER.

TE OF MIS. JOHN HERRN NUMBER F-20150 SSIONAL E THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY 3/1/2024 STATE LBP MO SHEET NO KC 39 JACKSON JKU0033 CONTRACT ID. PROJECT NO. BRIDGE NO A57262 0L 02 ζQ HWAYS AND TR COMMISSION Parkway , MO 64114 100 σ  $\bigcirc$ 

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TRAFFIC CONTROL

SHEET 1 OF 1



TRAFFIC CONTROL LEGEND     SIGN (SINGLE SIDED)     SIGN (DOUBLE SIDED)     SIGN (DOUBLE SIDED)     FLAGGER     CONE     CHANNELIZER     E BARRICADE     CHANGEABLE MESSAGE BOAR	THIS SHEET HAS BEEN SIGNED, SEALED, AND DATE DELECTRONICALLY DATE DELECTRONICALLY DATE DELECTRONICALLY DATE DELECTRONICALLY DATE PREPARED 3 / 1 / 2024 ROUTE STATE LBP MO DISTRICT SHEET NO. KC 40 COUNTY JACK SON JOB NO. JKU00333 CONTRACT ID.
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- CHANNELIZER









## TRAFFIC CONTROL LEGEND

- FLAGGER

- BARRICADE





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## TRAFFIC CONTROL LEGEND





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## TRAFFIC CONTROL LEGEND

- CHANNELIZER









## TRAFFIC CONTROL LEGEND

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	2	6′		18′										] 53	64′				137′								INCLUDES JUMPER TO 52		ACKS	<u>NC</u>
	8	155'		70.4/		153	31								64'		0.7 (	94′									PED. HEAD 66		IKU00	33
2	3	326 48'		324		92	. /							PB6    □⊲,	64' 1 64'		93							124′			CAMERA 1	- 0	CONTRACT J	ID.
-3 (	1	10′		13′										сст	v 64'										114′		CCTV (CAT5E)	-	PROJECT N	īO.
3	4	57'				110	), c						2	5 1	95′							316′						]	BRIDGE NO	<u>.</u>
4 (	2	16'		17'		254	4 '								95'							316′	90,				POLE & BRACKET	+ -		<u>,</u>
5	6	27'		25'											2								80'				POLE & BRACKET	1		
5 (	3	13′		16'										] 🕅	127′			163′									PED. HEAD 67	]		
	<u>4)</u>	9' 59'		10'		57	. /							PB6     \61/	127'		162'		357'								INCLUDES JUMPER TO 60			
7 (	5	11'		14'										1 3	249'				336'								INCLUDES JUMPER TO 62	RIPT		
														] 🖂	2 249'									321′			CAMERA 2	ESCI		
															281′							712′	801					-		
														) <b>6</b> —. 1 \64/	252'			294'					80				POLE & BRACKET	-		
														PB6	4 252'		293′										PUSH BUTTON 64			
															309'				399′								INCLUDES JUMPER TO 70	_ <u></u>		
														. ♥ 1 ₽₿6'	309' 5 309'		356'	357									PED: HEAD 65			
															3 309'									387′			CAMERA 3	Z		0L 02
														5	344′							844′						ATI		APIT 651 -663
							_						(5)		4						514/		80'				POLE & BRACKET	OR T.		5T C , MO
														1 [3]	400						514						INTERCONNECT	NSP		5 WES CITY 888
																												- TRA		105 0N 0
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SL	JBT	DTALS		482′		615	51							SUB	TOTALS	100′ 50′	904′	908′	1385′		514'	2188′	330′	832′	114′			Ż	Z a	žΣÖ
	то	TALS		482′		615	5′							то	TALS	110′60′	950′	960′	1460′		540′	2300′	350′	880′	120′			<u>ا ۳</u>	ים ב	-94 14
NOTES 1) C 2) C 2) C 9 3) C	ABLE AMEF ABLE ART ABLE	QUANTI RA ASSEM QUANTI OF THE PAY TC	ITY FOR MBLY REL ITY FOR KC SCOL DTALS IN	CCTV PROV DCATION B VIDEO DET JT CCTV CA VCLUDE 5%	IDED F ID ITE ECTION MERA S ADDER	FOR IN EM. N SYST SYSTEM FOR S	IFORMATI EM PROV M BID IT SNAKING.	ON ONL' IDED F( EM (AL'	Y. CAE Or Inf Ternai	BLE TO E FORMATIO TIVE BIO	BE PAID DN ONLY. ) A).	FOR AS A CABLE TC	PART OF TH	E CCT OR AS	V 5 A						INTER	SECTION	L	ITTLE BLUE	E PARKWAY	AND RAMPS 2,	/4 D-37B	BU	9400 Wã	Kansas C (816) 333

					POW	ER SI	JPPLY	,				
LOC	ATION		POWER ASSE	SUPPLY MBLY	CIRCUI	T BREAKE	R TRIP F	RAT I NG*	LIGHTING	CONTROL *	SERVIC	E POLE
		0.5.5.5.5	DRAWING		CONTR	OLLER	POWER DISCC	SUPPLY NNECT	(ON POWER	R SUPPLY)	CONTRACT	
APPROACH	STATION	OFFSEI	902.15	DRAWING	AUXILIARY BREAKER	SIGNAL	MAIN B	REAKER	120 VOLT CONTROL		FURNISH	COMPANY
SB LB PKWY	EXIST.	EXIST.				2,411.5	SIGNALS	LIGHTING	CABINET	BREAKER	CI. Ft.	

				CC	ONTRO	DLLEF	R A	SS	EMBL	Y ANE	D AUX	ILIAR	RY EQ	QU I PM	ENT							
LOCATI	ON		SYS	TEM			ON - C SW I	DFF* TCH		COORDINA	ατιον ιντ	ERFACE <sup>3</sup>	ĸ			NEM	A CABI	NET	170 C	ABINET	1	70
	STATION	OFESET	(CLOSEI	D LOOP)	ACTO		TY	ΡE	12C/7C	HARDWIRE	TIME	CLOSE	D LOOP	EIRED	TIME * CLOCK		TYPE *	:	TYP	Ε*	SOFTW	/ARE *
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	Ι	ΙI	MASTER	LOCAL	BASE	NEMA	170			Е	EV	DOUBLE	332	3365	BITRAN	WAPITI
SB LITTLE BLUE PKWY	29+60	74' LT	100 A	1											1.00		1					



TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

	DETE	CTOR SCH	EDULE				* ITEMS FO
			TYP	E			- *** USE D3
DETECTOR NUMBER	APPROACH	PUSH	IN	DUCTION LOOP	(2)		(1) MoDOT "[
		BUTTON	STANDARD	DELAY/ EXTEND *	CALL UNIT *	VIDEO	7C HARDW
50	SB LITTLE BLUE PKWY					Х	(2) PAYMENT
51	SB LITTLE BLUE PKWY					Х	- SHOWN BE
52	SB LITTLE BLUE PKWY					Х	
53	SB LITTLE BLUE PKWY					Х	
60	NB LITTLE BLUE PKWY					Х	
61	NB LITTLE BLUE PKWY					Х	(4) VIDEO DE
62	NB LITTLE BLUE PKWY					Х	SYSTEM.
63	NB LITTLE BLUE PKWY					Х	
6.4	NB LITTLE BLUE PKWY	1					
65	NB LITTLE BLUE PKWY	1					
66	SB LITTLE BLUE PKWY	1					
67	SB LITTLE BLUE PKWY	1					
70	EB I-70 RAMP					Х	
7.1	EB I-70 RAMP					Х	
							_
							_
							_
	1						
	TOTAL	4					

	$\frac{+2}{25}$ - $\frac{-6}{25}$
(70)	+2
	2.5 -9
9k12k9→	
_7167→	

1.875" Radius, 0.750" Border, White on Green; "WEST", E 2K; Down Arrow Custom - 9.000" 270°;

- 30 -

SP-2

Little	E
22.875 8- 3.375	*

SP-1 1.875" Radius, 0.750" Border, White on Green; "Little Blue", D 2K, "Pkwy", D 2K,



		SIGN	IAL SIGI	٧S	
UANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO.	SIGNAL SIGN MOUNTING HARDWARE ITEM NO.
				90208.33	90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
2	R3-5A	30 X 36	7.5	15.00	2
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0	44.05	
	D3-1 ***	VAR. X 18		11.25	
	D3-18 ***	VAR. A 18	0.0		
	R10-3E	9 A 15	0.9		
	R10-11A	24 A 30 26 V 24	5.0		
	P10 27A	30 X 24	7.5		
2	SP-2	30 X 36	7.5	15 00	2
	51-2	30 × 30	7.5	13:00	۷
L			SUBTOTAL	41,25	5
			ΤΟΤΑΙ	41.25	5
					,

NEM	A LO	IAD S	SWIT	СН 4	SSI	GNME	NTS
1	2	3	4	5	6	7	8
NBL Ø1	SB Ø2	WB Ø3	OLE	SBL Ø5	NB Ø6	EB Ø7	FUTURE
9	10	11	12	13	14	15	16
PED #2	FUTURE	PED #6	FUTURE	OLA	OLB	OLC	OLD

ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE. 3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

> D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH WIRE INTERCONNECT.

EFFECTIVE 04-01-2018

I IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS BELOW THE ASSIGNMENT CHART.

DWN PEDESTRIAN HEADS SHALL BE PAID FOR AS COUNTDOWN RIAN SIGNAL HEAD, TYPE 15.

DETECTION TO BE PAID FOR AS KC DISTRICT VIDEO DETECTION





R10-3 SIGNS ARE SHOWN FOR INFORMATION ONLY AND SHALL BE INCIDENTIAL TO THE ACCESSIBLE PEDESTRIAN SIGNAL BID ITEM.

LITTLE BLUE PARKWAY AND RAMPS 2/4 INTERSECTION

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					S D, C S			TIT HAS BEEN ELECTRONICALLY SEALED AND DATED
		PR	D J E	ст	NO.	•		SHEET
		BR A!	. 1D0	E 1	10. 52			N THIS
DESCRIPTION								IF A SEAL IS PRESENT O
DATE	•	•	•	•	•	•	•	
MISSOURI HIGHWAYS AND TRANSPORTATION	COMM1SSION				105 WEST CAPITON	JEFFERSON CITY, MO 65102	1-888-ASK-MODOT (1-888-275-6636)	
			MEDONNELL		U400 VValu TalAvvay	Mailsas Uily, MO 04.14	(810) 333-3400	



	EFFECT	IVE 12	-01-17			IS SIELE DAT / JA BRICC JA JKON PRO					
				TION							
LEGEND				SCRIP							
HEAD WITH NUMBER				DE							
DX WITH NUMBER					•	ŀ	•	•	•	•	·
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CONTROLLER				<b>TATI</b>					CAPIJ	MO 651	75-66.
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OUTDOOR RATED, SHIELDED CABLE							Σ			222-(1-	-000
ARKWAY AND RAMPS 2/4								0010			010),
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1 2	SB LE SB LE	PKWY PKWY	36+39.9 36+63.7	57.2' LT 57.3' LT			1						3 1 0	.27 .44								1			1	19'3	0'41'	52′				2								$ \rightarrow $	_	_	+			
3	WB 1-7 NB LE	O RAMP PKWY	37+05.5 37+20.9	58.0' LT 08.4' RT	1	1							3	.14 .01										1		0' 8	B' 16'	28							5	, 			10'	$\equiv$	_	7				$\pm$
5	WB 1-7 NB LE	O RAMP PKWY	37+31.1 37+30.4	08.4' RT 79.7' RT	1								2 1 0	. 88 . 44								1		1		0'1	2'		6'											$\rightarrow$	_	_	+			
7	NB LE SB LE	PKWY PKWY	36+54.9 36+59.0	60.0' RT 65.4' LT									1 0	. 44	1	1				1		1																		$\equiv$	_	+	+			$\pm$
2	SB LE	PKWY	37+18.3	53.2' LT 08.4' RT											1	1		_		1			-												_					$\downarrow$	_	_	+	$\pm$		$\pm$
4	NB LE	PKWY	37+26.0	89.4' RI 72.3' RT												1				1		+	-																	$\equiv$	$\pm$	+	$\pm$	$\pm$		$\pm$
6	NB LE	PKWY PKWY	34+32.7 EXISTING	EXISTING												1				1		+	-												-					$\rightarrow$	_	+	$\pm$			$\pm$
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																					EFFECTIVE: 10-01-2015	JOHN HE	MISSOUR
CONDUIT (WITH #14 TRACER WIRE)									CABLE												AL ENGS		
CENTER	LOOP DET.	TP	ENCH	P	USHED	MEDIA	AN ST	ON TRUCTURE		FROM TO	CENTER TO CENTER	POWER	CONTROL			CLOSED LOOP	LUMI	NAIRE	MISC. CABLES			SIGNED, SE DATED ELECT	ALED, AND
FROM TO TO CENTER	1"	2" 3	" 4"	2 "	3" 4"	2" 3"	4" 2"	3"	REMARKS				20 #16 50 #1	6 7 6 #16	36 #16	INTERCONNECT	CONTROL	POLE & BRACKET	ССТУ		REMARKS	DATE PR 3 / 1 / . ROUTE	€EPARED •2024
DISTANCE											DISTANCE		20 #10 50 #.	.0 / . #10	50 #10	5 TAIK #10	1c #10	1c #10					MO SHEET NO
1 (1) 21' 1 (2) 9'		24	/ /								1138'		· · ·	1291'				· · ·		-	INCLUDES JUMPER TO 20	- K·C	139
1 2 61'					59′						1138′							1258′			CAMERA 1	JACK	(SON
2 3 14'		17	/		<u> </u>						1138′						2522′	001					0033 <sup>1</sup>
3 (4) 5'		8	,		60						1126'		1216	1				90			PED. HEAD 24	CONTRAI	.CT ID.
3 5 5'		8	'							PB24	1126′		1215′								PUSH BUTTON 24	PROJEC	CT NO.
<u>3</u> <u>4</u> 81'		13	/		79'						1070'			1170'								BRIDG	<sup>іе NO.</sup> 262
4 5 75'					73'						1070'							1184′			CAMERA 2		
5 7 13'		14	/							$\emptyset$ 3	1070′						2374'	20/					
6 7 10'		432	<u>,</u>							() ( <del>)</del>	1070′		1154	1				80			PED. HEAD 25		
										PB25	5 1070′		1153′								PUSH BUTTON 25		
											1000′			1117'							INCLUDES JUMPER TO 13	CRIF	
											1000			1097							INCLUDES JUMPER TO TT	DES	
											1000′							1098′			CAMERA 3	1	
			_								1000′						2222'	801			POLE & BRACKET	$\left  \left  \left  \right  \right  \right  \right $	. . . . <b> </b>
											1000′			1101′				80			INCLUDES JUMPER TO 34	- ш	
										X V	925′		997								PED. HEAD 26	DAT	
										PB26	5 925' 851'		996'								PUSH BUTTON 26		
										PB2	7 851 '		916'								PUSH BUTTON 27	11C	P I TC 6510
																						DR T A	T CA MO 275-
																						VSPO	WES 1TY, 888
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																							641 641
SUBTOTAL S		542	2 '		271'					SI IR1			4280′ 4284	′ <u>9298</u> ′	1		7118′	250' 3540'				150	S Qark
		542	2 '		271'					TO	TALS		4500′ 4500	′ <u>9770′</u>			7480'	270' 3720'				50	d Р 940
NOTES: 1) CABLE OUANT CAMERA ASSE 2) CABLE QUANT PART OF THE 3) CABLE PAY T	ITY FO MBLY F ITY FO KC DI DTALS	DR CCT RELOCA DR VID STRIC INCLU	V PROV TION B EO DET T VIDE DE 5%	IDED FOR ID ITEM. ECTION S O DETECT ADDER FC	INFORMA YSTEM PR ION SYST R SNAKIN	TION ONL ROVIDED F EM BID I	Y. CABLE OR INFOR TEM.	TO BE PA	ID FOR AS A PART LY. CABLE TO BE F	OF THE CCT PAID FOR AS	V	1			1	I INTEF	I	LITTLE BLU	I I I I I I I I I I I I I I I I I I I	MPS 1,	/ <u>3</u> D-37B	BUI	9400 War Kansas Cit (816) 333-
					POW	ER SI	JPPLY	,															
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LOC	ATION		POWER ASSE	SUPPLY MBLY	CIRCUI	T BREAKE	R TRIP F	RAT I NG*	LIGHTING	CONTROL *	SERVIC	E POLE											
			DRAWING		CONTR	OLLER	POWER DISCC	SUPPLY NNECT	(ON POWER	R SUPPLY)	CONTRACT												
APPROACH	STATION	DN OFFSET 02.15 DRAWING AUXILIARY CONT &								MAIN	FURNISH	COMPANY											
						LAMPS	SIGNALS	LIGHTING	CABINET	BREAKER													
SB LB PKWY	EXIST.	EXIST.									CI. Ft.												

				C	ONTRO	DLLEF	R ASS	SEMBL	Y ANI	D AUX	ILIAF	RY EQ	UIPM	ENT							
LOCAT	ION		SYS				ON-OFF SWITCH	*	COORDIN	ATION IN	TERFACE	*			NEM	A CABI	NET	170 C	ABINET	1	70
	STATION	OFFEET	(CLOSE	D LOOP)	ACTO		TYPE	12C/7C	HARDWIRE (1)	E TIME	CLOSE	D LOOP	EIDED	TIME * CLOCK		TYPE '	¢	TYP	РЕ *	SOFTV	/ARE *
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	II	MASTER	LOCAL	BASE	NEMA	170	FIDER		Е	EV	DOUBLE	332	3365	BITRAN	WAPITI
SB LITTLE BLUE PKWY	29+60	74' LT														#					
																# CC EQUI FOR	NTROLLE PMENT Q THE INT	R ASSEM JANTIFI ERSECTI	BLY AND ED ON D ON OF L	AUXILIA -37C SHE ITTLE BL	RY ET UE

PARKWAY AND RAMPS 2/4.



TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

	DETE	CTOR SCHE	DULE			
			TYPI	E		
DETECTOR NUMBER	APPROACH	PUSH	I N	DUCTION LOOP	(2)	
		BUTTON	STANDARD	DELAY/ EXTEND *	CALL UNIT *	VIDEO
10	NB LITTLE BLUE PKWY					Х
1.1	NB LITTLE BLUE PKWY					Х
12	NB LITTLE BLUE PKWY					Х
1.3	NB LITTLE BLUE PKWY					Х
20	SB LITTLE BLUE PKWY					Х
21	SB LITTLE BLUE PKWY					X
22	SB LITTLE BLUE PKWY					Х
23	SB LITTLE BLUE PKWY					Х
24	SB LITTLE BLUE PKWY	1				
25	SB LITTLE BLUE PKWY	1				
26	NB LITTLE BLUE PKWY	1				
27	NB LITTLE BLUE PKWY	1				
30	WB I-70 RAMP					X
31	WB I-70 RAMP					Х
32	WB I-70 RAMP					Х
3.3	WB I-70 RAMP					Х
-						
-						
-						
	TOTAL	4				

	$\rightarrow$ $  -$	
	$\begin{array}{c c} & & & \\ \hline \\ & & & \\ \hline & & \\ \hline & & & \\ \hline & & \\ \hline & & & \\ \hline \end{array} \\ \hline & & & \\ \hline \\ \hline & & & \\ \hline \end{array} \\ \hline & & & \\ \hline \hline \\ \hline & & & \\ \hline \hline \\ \hline \\ \hline$	3 <mark>375</mark> SP-1 1.875' "Little
<del>~~</del> 12 <del>~~</del> 9-	~	

- 16

1.875" Radius, 0.750" Border, White on Green; "EAST", E 2K; Down Arrow Custom - 9.000" 270°;

SP-3

Little	E
22.875	*

1.875" Radius, 0.750" Border, White on Green; \_ittle Blue", D 2K; "Pkwy", D 2K;



		SIGN	IAL SIG	NS	
QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0	· · · · ·	
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
2	R3-5A	30 X 36	7.5	15.00	2
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
2	D3-1 ***	VAR. X 18		22.50	2
	D3-1B ***	VAR. X 18			
	R10-3E	9 X 15	0.9		
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
2	SP - 2	30 X 36	7.5	15.00	2
	I	l	SUBTOTAL	52 50	6
			JOBIOTAL	52.50	0
			TOTAL	52.50	6

NEM	IEMA LOAD SWITCH ASSIGNMENTS														
1	2	3	4	5	6	7	8								
NBL Ø1	SB Ø2	WB Ø3	OLE	SBL Ø5	NB Ø6	EB Ø7	FUTURE								
9	10	11	12	13	14	15	16								
PED #2	FUTURE	PED #6	FUTURE	OLA	OLB	OLC	OLD								

C	: )	bmco	1_L	i	b'	\ pv	v_	cor	ne

\* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE. D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

> "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH RDWIRE INTERCONNECT.

EFFECTIVE 04-01-2018

NT 15 MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS BELOW THE ASSIGNMENT CHART.

DOWN PEDESTRIAN HEADS SHALL BE PAID FOR AS COUNTDOWN TRIAN SIGNAL HEAD, TYPE 15.

DETECTION TO BE PAID FOR AS KC DISTRICT VIDEO DETECTION







R10-3 SIGNS ARE SHOWN FOR INFORMATION ONLY AND SHALL BE INCIDENTIAL TO THE ACCESSIBLE PEDESTRIAN SIGNAL BID ITEM.

LITTLE BLUE PARKWAY AND RAMPS 1/3 INTERSECTION

D-37C nect\trn\d0143725\140\_SG\_JKU0033\_I60\_North.dgn\_3:01:48\_PM\_\_\_3/1/2024







WIRING DIAGRAM

CAMERA 2 (ON BRACKET ARM)

CAMERA 1 (ON BRACKET ARM)

LUMINAIRE 2

1-3" CONDUIT 2-7c #16 (SIG) 1-5c #16 (PED)

1-2c #16 (PB)

1-1c #6 (GRND)

2-1c #10 (LUM)

1-VIDEO CABLE

37

1-3" CONDUIT 2-7c #16 (SIG)

1-5c #16 (PED)

1-2c #16 (PB)

1-1c #6 (GRND) 2-1c #10 (LUM)

1-VIDEO CABLE

1-3" CONDUIT 4-7c #16 (SIG) 2-5c #16 (PED) 2-2c #16 (PB)

1-1c #6 (GRND) 2-1c #10 (LUM)

2-VIDEO CABLE

<u>1-3" CONDUIT</u> 1-5c #16 (PED) 1-2c #16 (PB)

1-1c #6 (GRND)

-KI

22

0 -23

1-3" CONDUIT 2-7c #16 (SIG)

1-1c #6 (GRND)

2-1c #10 (LUM)

LUMINAIRE 1-

1-VIDEO CABLE

7c #16 JUMPER-

EFF	ECTIVE 1	2-01-17		THIS SIGNE SIGNE DATED DATED DISTRI- KC JJ					
LEGEND			DESCRIPTION						
SNAL HEAD WITH NUMBER									
LL BOX WITH NUMBER								•	•
ISTING PULL BOX WITH NUMBER			DATE						
SNAL POLE WITH NUMBER			N			•	L۔] ق	. 02	36).
SNAL CONTROLLER			RTAT I				CAP I 1	MO 651	75-66
WER SOURCE			NSPOF				WEST	.ITΥ, I	888-2
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TV			AND	II SS I				JEFFER	< - MODC
MINAIRE			HWAYS	COMIV	0		$\mathbf{i}$		88 - AS
ENCHED CONDUIT			HIG		Ó			2	1-5
SHED CONDUIT			OUR I	٢	Σ			ľ	
ISTING PUSHED CONDUIT			MISS		_		•	J	
HICLE SIGNAL CABLE									
DESTRIAN SIGNAL CABLE				,					
DESTRIAN PUSH BUTTON CABLE				i					
MINAIRE CABLE				i	Ż	110	م 111		
WER CABLE				<u>s</u>	0		≷ û ≚ C	$\frac{1}{2}$	>
DUND CABLE				Z Z	Ň	ם ק	Σ Σ		N40
T 50, OUTDOOR RATED, SHIELDED CABLE				D S C	Σ	10/1		2772	-000
JE PARKWAY AND RAMPS 1/3								A16)	00
INTERSECTION				•		C	צמ	- \	`
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c:\bmcd\_lib\pw\_connect\trn\d0143725\141\_SG\_JKU0033\_l10\_North.dgn 3:02:00 PM 3/1/2024

















																													EFFECTIVE 07	-01-2022	Est.	E OF MISSO	A
		SI	GNS		CONCRETE	STRU	ICTURAL POSTS	STE	EL	PIP	E PC	STS *	BA BA	CKINO RS **	ב *	U- CHANNEL			2 11 00	PERFOR	RATED	SQUA	RE S	STEEL		<u>т</u>					* 10	)HN HERRMAN	
902 S	GNAL SI	IGNS TA	BULATED	ON D-37A SHEET	EMBEDDED											POST			2 IN. PO	ANCHORS				2.5	2.25"	ANC	HORS	BREAK- AWAY	REMARKS AND		TOTO	NUMBER PE-2015000556	
SIGN NO.	IGN IZE S	STATION	HORZ CLEAR IF NOT	LOCATION SIGN	N ITEM NO 9031010	POST POST DES NO.1 NO.	POST POST	T LBS 3 PER FT	TOTAL ITEM NO. 9031210	PIPE POST SIZE NO.1	POST NO.2	LBS TOTAL PER ITEM NO FT 9031220	2 × @ 2 55	BARS LBS PER	S FT TOTAL	ITEM NO. 9031250A	POST POS NO.1 NO.	T TOTAL 2 ITEM NO 9031270/	DRIVEN 12 GA ITEM NO 9031271/	DR I VEN 7 GA ITEM NO 9031273A	CONCRET 7 GA ITEM NO 9031274	E POST P NO.1 N	POST 1 NO.2	TEM NO. 1 031280 9	NSERT 6 FT) TEM NO. 031272A	DR IVEN 7 GA ITEM NO 9031281A	CONCRETE 7-GA ITEM NO 9031285	ASSEMBLY ITEM NO. 9031241	OTHER REQUIRED	ITEMS	THIS	SHEET HAS BE	EEN AND
01	24x12	27+23	STD	NO .	СҮ	LF	LF LF		LBS	IN. LF	LF	LBS	EACH IN	. LF	LBS	LF	LF LF	LF 23.4	EA 2	EA	EA	LF	LF	LF	EA.	EA	EA	EA	RELOCATE		DATED	ELECTRONIC	
	4x24																		-												3/	/11/202	:4
	21x15 24x12											· · ·																			LB	P M	10
	24x24											· ·																				іст shee С 1	50 U
02	08x36	28+52		LITTLE BLUE PKWY	0.72					10.4 11.7		10.79 238.46		-															RELOCATE				N
03	4x12	29+70		LITTLE BLUE PKWY													11.3	11.3	1										RELOCATE				- 
	1x15													-																		ONTRACT ID	. <u> </u>
04	0x30 0x30	16+79 30+55		RAMP 4													9.5 9.8	9.5	1										NEW SIGN RELOCATE		Р	PROJECT NO.	
06	8x30	30+03		LITTLE BLUE PKWY													9.4	9.4	1				-						RELOCATE		E	BRIDGE NO.	
08	0x30	14+53		RAMP 2													9.3	9.3	1										NEW SIGN		<u> </u>	457262	:
09 10	6x36 0x30	13+89 13+62		RAMP 2	0.72				-	11.0 12.3		10.79 251.41					11.5	11.5	1								· ·		RELOCATE		+ $+$ $+$		
11	6x12	00+88		RAMP 3		· · · ·											9.3	9.3	1										RELOCATE				
12	6x36 6x36	01+11 00+87		RAMP 3 RAMP 3													11.5	11.5	1										NEW SIGN		S		
14	6x36	00+98		RAMP 3													10.7	10.7	1										RELOCATE		IPT		
16	4x12	39+76															11.0 11.4	22.4	2										RELOCATE		SCR		<
	4x24 1x15																									-							
	4x12																																
	24x24 21x15																												· · · · · · · · · · · · · · · · · · ·		.   .		
17 18	08x36	38+75 37+32			0.72					9.8 11.3		10.79 227.67					10.9	10.9	1										RELOCATE				
	4x24	01.02															10.0	10.0													A		
19	1x15 0x30	37+34		LITTLE BLUE PKWY		· · · ·			•								9.5	9.5	1			+ +							RELOCATE		NO	 c	02 (92 )
20	8x30	06+81		RAMP 2								· · · ·					11.1 11.2	22.3	2										NEW SIGN		ATI	LIdv	Ar 651
21	2x30 2x30	02+94		RAMP 2 RAMP 3													11.0	11.0	1										RELOCATE		ORT	L S	, MC
23	24x24	01+76		RAMP 3	0.72					11.0 12.5		10.79 253.57																	RELOCATE		NSP	L M M	5 CITY - 888
24	2x30	02+70		RAMP 3													11.0	11.0	1										RELOCATE		TR/	01	SON 1 (1
25	6x30	05+32		RAMP 3													11.0 12.0	23.0	2										NEW SIGN		AND 5SIC	_	F F E R MODO
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				IUTAL	* BREAKAWAY	ASSEMBLY	IS INCIDEN	NTAL FO	DR STRU	CTURAL STF	EL AN	XXXX 900 ID PIPE POST	<u> </u>		S			X 200	20										ļ		מ		lty, -94
					** BACKING BA	ARS ARE TO	TALED WITH	H STRUC	TURAL	STEEL OR F	PIPE P	OSTS.					ST POST	RUCTU	RAL ST	EEL PC	DST AN	ND FO	ΟΤΙΝ	IG DAT	ΑΤΑ	BLE			1		D	$\mathbf{\Sigma} \ge \mathbf{\widetilde{S}}$	233 233
					ROUND		OST AND				TABI	F			POST NC	DES NOM SIZE	WEI LBS/FT	GHT LBS/IN	STUB LENGTH	DIA. LI	EVEL GRO	DUND	6:1 G DEPTH	RADE C.Y.	4:1 DEPTH	GRADE C.Y.	3:1 OR 2 DEPTH	2:1 GRADE C.Y.					6) (
					NOM. SIZE	WEIGHT	ST		F		CO	NCRETE			1	W6 W6	9.0 15.0	0 75	3 0 4 0	15" 3 24" 4	0 0	0.14	3 2 4 2	0.15	3 3 4 3	0.16	3 6 4 6	0.17 0.54				040	м <u>Ка</u>
					(1N.) LB $2\frac{1}{2}$ 5	5/FI LBS/	18 4	3 <sup>1</sup> /2"	12 12	4~6"		0.13			3	W8 W10	18.0	1.50	4 6 5 0	28 4 36 5	- 6" ( - 0" (	0.71	4 8	0.73	4 9 5 3	0.74	5 0	0.78			-		
					4 10	0.79 0.9	90 5'-	3 <sup>1</sup> /2	12	4~6" 5~6"		0.36			6	W10 W12	35.0	2.1/	5 6	36 5	6 1	1.31 1.44	3 - 3 5 - 9"	1.5/ 1.52	5 11	1.43	6 3	1.65	Sign Quantities 1	D-29	· 30 DM	1 2/11/	
																					C. 1	,cu_1					.100_014_		quantities 1.	~9 7.10		,,	-~

Y	MMAR	GN SU	SIC										IES	1BL	SE№	AS		) S	ARL	AND	S				I	1
		SIGN	STANDARD SIGN														rt				3"X30"	3.5.1 3"X30"	V12-1 5"X36"	10-15R )"X30"		
SIZ	EACH	SHEET										- NILI	750 0								τ₩	88	>%	E Se		STATION
		NO.	SFLCIAL STON NOMBER					H	EAC					51.	TON ,		DESC	IGN	5			J		TURNING P	LUCATION	STATION
66"X	1		R3-8																			3		N10-158		
48"X	1		R3-8 R4-7					 					_							_		_		1	RAMP 4	16+79
18"X	2		R4-7				-																1	+ ·	RAMP 2	14+55
36"X	3		R5-1																					1	RAMP 2	14+63
42"X	3		R5-1a					 												_			1		RAMP 3	00+87
36"X	2		R6-1L R10-15R				_	 					_	_						_	1	1			RAMP 2 RAMP 3	06+81
30"X	1		W11-1																			<u> </u>				00.20
36"X	2		W12-1																							
24"X	6		M1-1																							
24"X	3		M3-2					 				-												_		
24"X	3		M3-4 M5-1				_	 																		
21"X	2		M6-1			-		$\rightarrow$			1	1								-						
21"X	2		M6-3																							
24"X	1		D9-2																							
8.5')			RELOCATE 1				_	 			+			_						_						
7.5' X	1		RELOCATE 3					 				-	_							_						
7.5' X	1		RELOCATE 4																							
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		EFFECTIVE 10-4	01-2016	T PROFESSION	JOHT PE	HERR	HO MAN 255 PALS	EN MARKEN + 14 19	LY SEALED AND DATED.
ç	SIZE. TYPE & SOU	ARE FEET		DA	IGNED TED EL	, SEALE	ID, AN	√D √LLY	NICALI
	FLAT SHEET SH ITEM NO. 9035004A 13.75	MISC. {SIGNAGE REPLACEMENT / REMOVE & RESET} (EACH) ITEM NO. 9039902		R L D19			)24 STA M( SHEET 15 ON	D NO. 1	HAS BEEN ELECTRO
	10.00	1			JK	ов NC U00	33	}	]=
	REMOVAL 12.50	3 3 2 1				JECT	NO.		V THIS SHEET
	18.00	1 6 3 3 2 2		NOIT					AL IS PRESENT ON
		2 2 1 1 1 1 1 1 1		DESCRIPT					IF A SEA
				DATE					
				MISSOURI HIGHWAYS AND TRANSPORTATION			105 WEST CAPITOL	JEFFERSON CITY, MO 65102 1-888-ASK-MODDT (1-888-275-6636)	
	54.3 V & YELLOW/GREEN	34.0					а400 vvaru гагкууа Карсас Citv, М.О. 6.411.4	(816) 333-9400	
)14	3719\151_SN_JKU0033	_Sign Quantities 2.d	<b>)-30</b> gn 3:03	46	PM	3/	1/2	2024	] #











	1000	man
	ATE OF	MISSOLA
	JOHN H	ERRMAN
SCALE	PE-20	15000556
0 20 40 60	THIS SHEE	T HAS BEEN
	DATED ELEC	REPARED
	3 / 1 / ROUTE	2024 STATE
	LBP DISTRICT	MO SHEET NO.
	KC	
	CONTR	ACT ID.
	PROJE	CT NO.
	BRID A57	GE NO. 262
4 つ	NOI	
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	DESO	
EX150.2		
	ATE	
	AT I ON	PTTOI 6510.
	ORT/	ST C/ , MO
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MITTENT WHITE		
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		Par 100
		ard City, 3-92
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ING IS REQUIRED ON ALL		940( (ans 816)
PAVEMENT MARKINGS LITTLE BLUE PKWY		
SHEET 3 OF 3		



























Estimated Quantities											
I t em		Total									
Partial Removal of Existing Bridge Deck	sq. foot	1,095									
Removal of Raised Bridge Median	sq. foot	1,595									
Class B-2 Concrete	cu. yard	31.1									
Steel Diaphragm & Crossframe at											
End & Intermediate Bents	each	3									
Reinforcing Steel (Epoxy Coated)	pound	8,740									

Method of forming the slab shall be as shown on the plans and in accordance with Sec 703. All hardware for forming the slab to be left in place as a permanent part of the structure shall be coated in accordance with ASTM A123 or ASTM B633 with a thickness class SC 4 and a finish type I, II or III.

 $8' - 10\frac{5}{16}" \pm$ 

Stay-In-Place Corrugated Steel Forms: Corrugated steel forms, supports, closure elements and accessories shall be in accordance with grade requirements and coating designation G165 and ASTM A653. Complete shop drawings of the permanent steel deck forms shall be required in accordance with Sec 1080.

Corrugations of stay-in-place forms shall be filled with an expanded polystyrene material. The polystyrene material shall be placed in the forms with an adhesive in accordance with the manufacturer's recommendations.

Form sheets shall not rest on the top of beam flanges. Sheets shall be securely fastened to form supports with a minimum bearing length of one inch on each end. Form supports shall be placed in direct contact with the flange. Welding on or drilling holes in the beam flanges will not be permitted. All steel fabrication and construction shall be in accordance with Sec 1080 and 712. Certified field welders will not be required for welding of form supports.

The design of stay-in-place corrugated steel forms is per manufacturer which shall be in accordance with Sec 703 for falsework and forms. Maximum actual weight of corrugated steel forms allowed shall be 4 psf assumed beam loading.

SE	C/SUR 28 TW	P 49N RGE 31W			111.
& REHABILITATE EXISTING (138'-118') POSITE PLATE GIRDER SPANS (SKEW 7°36'14" L.A.)			- HILLER	OF M/S TERENCE A. HOOD	
$\bigcirc$ Median (Little Blue Expressway) 10'-2 <sup>3</sup> / <sub>3</sub> " 2'-5 <sup>1</sup> / <sub>8</sub> " 10'-2 <sup>3</sup> / <sub>3</sub> " Temporary			AND AND AND AND AND AND AND AND AND AND	2E-20140306	
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Existing Section			Å	.5726	2
⊈ Bridge (Little Blue Expressway) I					
10'-4 <sup>1</sup> / <sub>2</sub> " Temporary Barrier, Typ.			TION		
Concrete Concrete Concrete Slab			ESCR I		
Existing Rebar Match Existing					
New Rebar			DATE		
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REHAB SECTION			PORTAI		VEST C/ FY, MO 88-275
General Notes:       Miscellaneous continued:         Design Specifications:       Miscellaneous continued:         2002 AASHTO LFD (17th Ed.) Standard Specifications.       Bars bonded in existing con	crete not remov	ved shall be	TRANS DN		105 V SON CI <sup>-</sup> T (1-8:
Seismic Performance Category A. cleanly stripped and embedd Design Loading: possible. If length is avai HS20-44 (New Construction) extend into new concrete at bars and 30 diameters for for	led into new con lable, existin least 40 diam	ncrete where g bars shall eters for plain	S AND MISSIO	⊢₹	JEFFER: K - MODO
Earth - 120 lb/cf, Equivalent Fluid Pressure 45 lb/cf Fatigue Stress - Case II Design Unit Stresses	noval of concre	te and not	GHWAY СОМ	Ö	888 - AS
Class B-2 Concrete(Superstructure)f'c = 4,000 psicovered with new concrete sReinforcing Steel (Grade 60)fy = 60,000 psiqualified special mortar inStructural Steel (ASTM A709 Grade 50)fy = 50,000 psiClass ball be poured warred	hall be coated accordance wi	with an approved th Sec 704.	URI HI		<b>/</b> 7⁻
Reinforcing Steel: Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown. Match existing slab thickne	hour.	ng.	MI SSO	Σ	
Fabricated Steel Connections: Field connections shall be made with 3/4" diameter ASTM F3125 Grade A325 Type 1 bolts and 13/16" diameter holes, except as noted.				+	<b>ers</b> ers
High strength bolts, nuts and washers will be sampled for quality assurance as specified in Sec 106. Traffic Handling:				SU	agine planne (816)912-
Traffic to be maintained on structure during construction. See roadway plans for traffic control. Miscellaneous:				Ü	64158; 0
Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work. Contractor shall verify all dimensions in field before ordering new material				Ú.	K.C. MO
All concrete for the slab modification shall be Class B-2 Concrete.					Street;
All reinforcement for the slab modification shall be Reinforcing Steel (Epoxy Coated).	ARKWAY C	VER			NE 79th
Expansive Class B-2 Concrete shall be used in the closure pour. The costs for all materials, fabrication and installation of the diaphragms and	0 TO ROUTE 7		Hg ( PRO. ENC	CONSULT, GINEER 2	INC.
crossframes in accordance with the details as shown on the plans will be considered completely covered by the contract unit price for Steel Diaphragm & Crossframe at End & Intermediate Bents.	± (MATCH EXIST)	NG)			















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