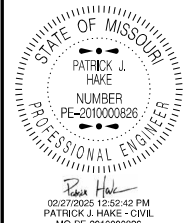


18 IN. ROCK BASE
(REMOVAL, FURNISH
& PLACE)
*
SY

1 REVISÉ



DATE PREPARED
2/27/2025
ROUTE
I-70
STATE
MO
DISTRICT
CD
SHEET NO.
2
COUNTY
VARIOUS
JOB NO.
JCD0008
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

FULL DEPTH PAVEMENT REPAIR												
LOG MILE	LOCATION	LANE	LENGTH FT	WIDTH FT	FURN. & PLACE CONC. MTRL FOR FULL DEPTH REPAIR SY	SAWCUT (PERIMETER & INTERNAL) LF	DOWEL BARS EACH	DOWEL BARS W/ BASKETS EACH	TIE BARS ** EACH	SUBGRADE COMPACTION SY	TYPE 1 OR 5 AGG FOR BASE SY	REMARKS
CALLAWAY COUNTY												
90.609	I-70 WB	DL	40	12	53.33	88	20	20	16	5.3	5.3	INTERNAL SAWCUTS ONLY PAID FOR ON 15' & GREATER LENGTHS
92.587	I-70 WB	BOTH	12	24	32.00	60	40	-	5	3.2	3.2	
94.391	I-70 WB	DL	30	12	40.00	66	20	10	12	4.0	4.0	
94.469	I-70 WB	DL	14	12	18.67	38	20	-	6	1.9	1.9	
96.662	I-70 WB	DL	120	12	160.00	228	20	70	48	16.0	16.0	
97.067	I-70 WB	DL	30	6	20.00	48	10	12	4	2.0	2.0	
97.075	I-70 WB	PL	8	12	10.67	32	20	-	4	1.1	1.1	
97.075	I-70 WB	PL	8	12	10.67	32	20	-	4	1.1	1.1	
97.199	I-70 WB	DL	120	6	80.00	174	10	70	48	8.0	8.0	
97.228	I-70 WB	DL	40	14	62.22	96	20	20	16	6.2	6.2	
97.256	I-70 WB	DL	40	6	26.67	64	10	20	16	2.7	2.7	
97.259	I-70 WB	DL	30	12	40.00	66	20	10	12	4.0	4.0	
97.305	I-70 WB	DL	240	6	160.00	342	10	150	96	16.0	16.0	
COOPER COUNTY												
150.127	I-70 WB	DL	12	6	8.00	24	10	-	5	0.8	0.8	
150.142	I-70 WB	DL	8	12	10.67	32	20	-	-	1.1	1.1	
BOONE COUNTY												
135.661	I-70 EB	DL	40	12	53.33	88	20	20	16	5.3	5.3	
CALLAWAY COUNTY												
153.262	I-70 EB	DL	60	12	80.00	120	20	30	24	8.0	8.0	
153.262	I-70 EB	PL	40	12	53.33	88	20	20	16	5.3	5.3	
					TOTAL	919.56	1686.00	330.00	450.00	356.00	92.00	92.00
					ADDITIONAL 10% USE	91.96	168.60	33.00	45.00	35.60	9.20	9.20
					USE	1011.5	1855	363	495	392	101	101

* SUBGRADE COMPACTION ASSUMED @ 10% OF REPLACEMENT AREA
* TYPE 1 OR 5 AGG. FOR BASE ASSUMED @ 10% OF REPLACEMENT AREA
** TIE BARS SPACED AT 30" CENTERS

* 18 IN. ROCK BASE ASSUMED @ 10% OF REPLACEMENT AREA

PAVEMENT MARKING						
LOG MILE	LOG MILE	LOC.	LENGTH	STANDARD WATERBORNE PAINT WITH TYPE P BEADS		REMARKS
				6 IN. SOLID WHITE L.F.	6 IN. SOLID YELLOW L.F.	
CALLAWAY COUNTY						
90.607	97.307	I-70 WBL	35376.00	35376.0	35376.00	EDGE LINES
90.607	97.307	I-70 WBL	35376.00	8844.0		INTERMITTENT WHITE
94.391	94.397	I-70 WBL	30	8		DOTTED WHITE (RAMP)
COOPER COUNTY						
150.125	150.144	I-70 WBL	100.32	100.3	100.32	EDGE LINES
150.125	150.144	I-70 WBL	100.32	25.1		INTERMITTENT WHITE
BOONE COUNTY						
135.659	135.668	I-70 EBL	50.00	50.0	50.0	EDGE LINES
135.659	135.668	I-70 EBL	50.00	12.5		INTERMITTENT WHITE
CALLAWAY COUNTY						
153.260	153.273	I-70 EBL	70.00	70.0	70.00	EDGE LINES
153.260	153.273	I-70 EBL	70.00	17.5		INTERMITTENT WHITE
				TOTAL	44503.4	35596.3
				USE	44503	35596

FULL DEPTH PAVEMENT REPAIR							
WIDTH FT	FURN. & PLACE CONC. MTRL FOR FULL DEPTH REPAIR SY	SAWCUT (PERIMETER & INTERNAL) LF	DOWEL BARS EACH	DOWEL BARS W/ BASKETS EACH	TIE BARS ** EACH	SUBGRADE COMPACTION SY	18 IN. ROCK BASE (REMOVAL, FURNISH & PLACE) SY
12	40.00	66	20	10	12	4.0	4.0
12	160.00	228	20	70	48	16.0	16.0
12	53.33	88	20	20	16	5.3	5.3
12	320.00	444	20	150	96	32.0	32.0
12	16.00	36	20	-	5	1.6	1.6
TOTAL		1214.22	1896.00	380.00	450.00	356.00	121.40
ADD 10%		121.42	189.60	38.00	45.00	35.60	12.14
USE		1335.6	2086	418	495	392	134

1 REVISÉ

MOBILIZATION	
	QUANTITY (LS)
USE	1

1 REVISÉ

DESCRIPTION
DATE
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

