PAVEMENT MARKING

LOCATION	6" YELLOW HIGH BUILD WATERBORNE PVMT MARKING LF	6" SOLID WHITE HIGH BUILD WATERBORNE PVMT MARKING LF	6" INTERMITTENT WHITE HIGH BUILD WATERBORNE PVMT MARKING LF	12" WHITE HIGH BUILD WATERBORNE PVMT MARKING LF
WB I - 70 TO SB I - 470	55	330	39	105
NB I - 470 TO WB I - 70	35	330	25	145
SB I - 470 TO EB I - 70	100	320	44	125
EB I - 70 TO NB I - 470	120	380	25	175
EB I - 70 TO SB I - 470 ENTRANCE	258	550	24	265
EB I - 70 TO SB I - 470 EXIT	525	750	29	190
SB US 169 TO SB MO 9	780	430	23	260
WB MO 152 TO SB US 169 ENTRANCE	145	430	0	287
SB I - 29 TO NB US 169 ONRAMP	130	454	72	111
WB I - 70 TO NB I - 29	454	167	0	228
NB I - 29 TO WB I - 70	206	200	41	63
TOTALS		4341	322	
PAY TOTALS	2808	4663		1954

HIGH FRICTION SURFACE TREATMENT

LOCATION	WIDTH LF	LENGTH LF	HFST SY
WB I-70 TO SB I-470	14	330	513
NB I-470 TO WB I-70	14	330	513
SB I-470 TO EB I-70	14	320	498
EB I-70 TO NB I-470	14	380	591
EB I-70 TO SB I-470 ENTRANCE	17	550	1039
EB I-70 TO SB I-470 EXIT	16	750	1333
SB US 169 TO SB MO 9	28	430	1338
WB MO 152 TO SB US 169 ENTRANCE	21	430	1003
SB I-29 TO NB US 169	16	454	807
WB I-70 TO NB I-29	24	454	1211
NB I-29 TO WB I-70	24	206	549
TOTALS	9395		

COLDMILLING

LOCATION	WIDTH LF	LENGTH LF	HFST SY
WB I-70 TO SB I-470	14	330	513
NB I-470 TO WB I-70	14	330	513
SB I-470 TO EB I-70	14	320	498
EB I-70 TO NB I-470	14	380	591
EB I-70 TO SB I-470 ENTRANCE	17	550	1039
EB I-70 TO SB I-470 EXIT	16	750	1333
SB US 169 TO SB MO 9	28	430	1338
WB MO 152 TO SB US 169 ENTRANCE	21	430	1003
SB I-29 TO NB US 169	16	454	807
WB I-70 TO NB I-29	24	454	1211
NB I-29 TO WB I-70	24	206	549
TOTALS	9395		

MOBILIZATION
ONE LUMP SUM

1 COLDMILLING TABLE ADDED

STATE OF MISSOURI
BENJAMIN STEPHEN MCCABE SR.
NUMBER PE-2003015005
PROFESSIONAL ENGINEER

03/07/2025 2:25:54 PM
BENJAMIN STEPHENMCCABE SR - CIVIL
MO-PE-2003015005

DATE PREPARED 3/7/2025

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
KC	3

COUNTY VARIOUS

JOB NO. JKU0370

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)

SPACING AND TAPER LENGTHS FOR WORK ZONE SIGNS, CHANNELIZERS AND CONCRETE BARRIER

SIGN SPACING FOR ADVANCE SIGN SERIES (1) (2)		
PERMANENT POSTED SPEED MPH	UNDIVIDED HIGHWAYS	DIVIDED HIGHWAYS
0-35	200′	200′
40-45	350′	500′
50-55	500′	1000′
60-70	1000′	SA - 1000′ SB - 1500′ SC - 2640′

TAPER LENGTHS AND END TREATEMENTS FOR CONCRETE BARRIER				
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH (3)			END TREATMENT (4)
	10′	11′	12′	
<40	160′	168′	176′	BARRIER HEIGHT TRANSITION
>40	160′	168′	176′	APPROVED CRASH CUSHION

TAPER LENGTHS AND SPACING FOR CHANNELIZERS							
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH (3)			MINIMUM SHOULDER TAPER LENGTH BASED ON 10′ SHOULDER	BUFFER LENGTH FT	MAXIMUM CHANNELIZER SPACING	
	10′	11′	12′			THROUGH TAPER	THROUGH WORK AREA
0-35	205′	225′	245′	70′	280′	35′	40′
40-45	450′	495′	540′	150′	400′	40′	80′
50-55	550′	605′	660′	185′	560′	50′	80′
60-70	700′	770′	840′	235′	840′	60′	120′

⚠1 WORK ON MULTIPLE 470/I-70 RAMPS IS ALLOWED WITH PRIOR ENGINEER APPROVAL

TEMPORARY
TRAFFIC CONTROL
SHEET 1 OF 5

STATE OF MISSOURI
BENJAMIN STEPHEN MCCABE SR.
NUMBER
PE-2003015005
PROFESSIONAL ENGINEER
03/07/2025 2:26:33 PM
BENJAMIN STEPHEN MCCABE SR - CIVIL
MO-PE-2003015005

DATE PREPARED
3/7/2025

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
KC	15

COUNTY
VARIOUS

JOB NO.
JKU0370

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