DESIGN DESIGNATION A.A.D.T - XXXX = XXXX V = XX M.P.H

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION PLANS FOR PROPOSED STATE HIGHWAY

INDEX OF SHEETS

DESCRIPTION	NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (1 SHEET)	2
QUANTITIES (QU) (1 SHEET)	3
TRAFFIC CONTROL (TC)	4-8

DATE PREPARED 3/18/2020 ROUTE STATE MO DISTRICT SHEET NO. 1 COUNTY JOB NO. CONTRACT ID. BRIDGE NO.

"THIS MEDIA SHOULD

SHEET

LENGTH OF PROJECT

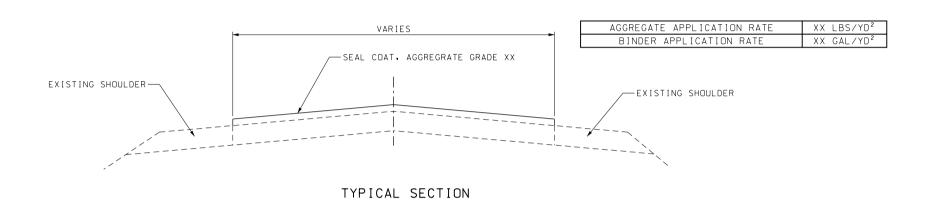
BEGINNING OF PROJECT END OF PROJECT

APPARENT LENGTH

MILES

EQUATIONS AND EXCEPTIONS:

TOTAL CORRECTIONS
NET LENGTH OF PROJECT
STATE LENGTH



"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT." DATE PREPARED
3/18/2020

ROUTE STATE
MO SHEET NO. JOB NO. CONTRACT ID. BRIDGE NO.

TYPICAL SECTION SHEET 1 OF 1

			CI	ONSTRU	CTION SIGN	ING
SIGN NO.	SIGN	SIZE (in.)	AREA	QTY.	TOTAL AREA (ft.²)	DESCRIPTION
2 **	WO20-1	48 × 48	16.00	Х	XX.XX	ROAD WORK AHEAD
7	WO20-4	48 × 48	16.00	X	xx.xx	ONE LANE ROAD AHEAD
8	W020-7a	48 × 48	16.00	Х	xx.xx	FLAGGER (SYMBOL) WITH FLAGS
1)*	G020-1	60 × 24	10.00	2	20	ROAD WORK NEXT XX MILES ① 2-XX MILES
26	G020-2	48 × 24	8.00	2	16	END ROAD WORK
35)	WO8-12	48 × 48	16.00	Х	xx.xx	NO CENTER LINE
(53)	G020-4	36 × 18	4.5	Х	xx.xx	PILOT CAR FOLLOW ME
(57)	W08-7a	36 × 36	9.00	Х	xx.xx	FRESH OIL LOOSE GRAVEL ***
(58)	G020-4a	42 × 30	8.75	Х	xx.xx	PILOT CAR IN USE WAIT & FOLLOW
(58)	G020-4a	18 × 12	1.50	Х	xx.xx	PILOT CAR IN USE WAIT & FOLLOW
11)	WO3-4	48 × 48	16.00	Х	xx.xx	BE PREPARED TO STOP
59	CONST-8	48 × 36	12.00	2	24	WORK ZONE NO PHONE ZONE
56	CONST-7	48 × 24	8.00	2	16	RATE OUR WORK ZONE
	GO22-1	21 × 15	2.19	Х	xx.xx	WET PAINT (ARROW PIVOTS)
616-10.05 CONSTRUCTION SIGNS TOTAL				xxx.xx		

s	TANDARD WA	ATERBORNE	MARKING PAINT 4" YELLOW	
LOG MILE	LOG MILE	QUANTITY	REMARKS	
		EACH		
	TOTAL			
NOTE: TEMPORARY AND PERMANENT PAVEMENT MARKING SHALL BE IN ACCORDANCE WITH 620.10.				

	STANDARD W	ATERBORNE	MARKING PAINT 4" WHITE
LOG MILE	LOG MILE	QUANTITY	REMARKS
		EACH	
	TOTAL		
NOTE: TEMPOR	RARY AND PER	MANENT PAVE	MENT MARKING SHALL BE IN ACCORDANCE

			SE	EAL COAT QUANTIT	IES	
OG MILE	LOG MILE	NE T LENGTH	AVERAGE WIDTH	SEAL COAT, AGGREGATE GRADE _	EMULSIFIED ASPHALT SEAL COAT	REMARKS
		MILES	FEET	SY	GAL	
			TOTALS			

FLAG ASSEMBLIES					
	QUANTITY	REMARKS			
	EACH				
TOTAL					

WITH 620.10.

- * IF LESS THAN TWO (2) MILES, DELETE SIGN NO. 1.
- *** ADDITIONAL SIGN NO. 2 USED AS SHOWN ON TRAFFIC CONTROL SHEET 4 OF 5 AND AS DIRECTED BY ENGINEER.
- **** FRESH OIL/LOOSE GRAVEL SIGN SHALL BE PLACED AT THE START OF THE PROJECT. SIGNS SHOULD ALSO BE INSTALLED WITHIN 150 FT. AFTER THE INTERSECTION OF A STATE ROUTE. ADDITION SIGNS MAY BE INSTALLED WITHIN 150 FT. AFTER OTHER INTERSECTIONS, AS DIRECTED BY ENGINEER.

NOTE:

REFER TO STANDARD PLAN 616.10 AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.

ITEM NO.	QTY.	DESCRIPTION	
616-10.25	10	CHANNELIZERS (TRIM-LINE)	
612-30.00A	×	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)	

MOBILIZAT	ΓΙΟΝ
1 LUMP S	SUM

SUMMARY OF QUANTITIES SHEET 1 OF 1

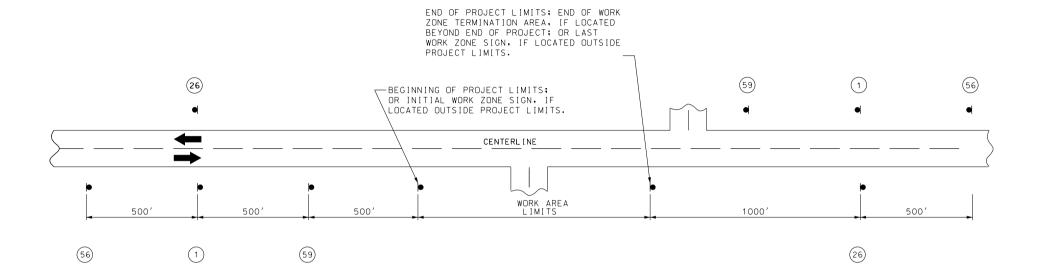
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3/18/2020

JOB NO.

BRIDGE NO.

MO SHEET NO.



NOTES:

SIGN (1) AND (26) ARE ONLY USED ON PROJECT LENGTHS 2 MILES OR GREATER.

PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.



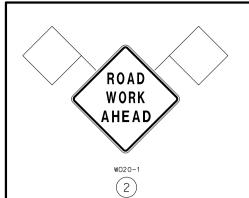






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TRAFFIC CONTROL SHEET 1 OF 5

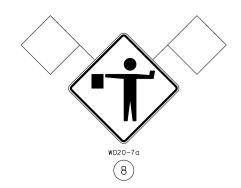


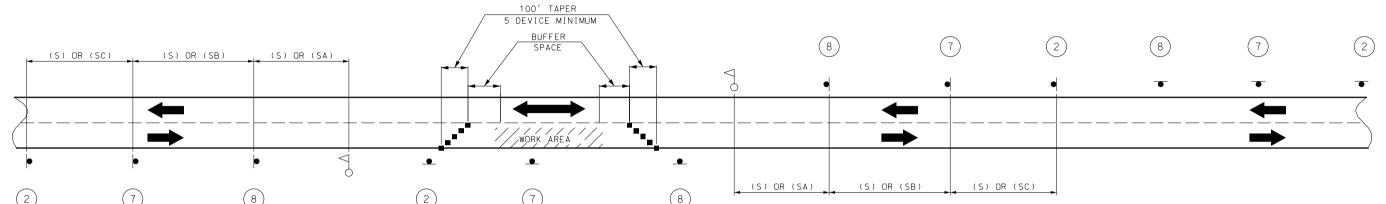
PILOT CAR FOLLOW ME

> G020-4 (53)

SIGN 53, "PILOT CAR FOLLOW ME" SHALL BE THE CONTRACTOR'S RESPONSIBILITY WHEN IN USE DURING OPERATION.







SET 1
ACTIVE

SET 2

INACTIVE

SET 3

ACTIVE

SET 4

INACTIVE

SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE ONCOMING TRAFFIC).

SIGN SETS 2 AND 4 ARE INACTIVE (I.E., SIGNS DO NOT FACE EITHER DIRECTION OF TRAFFIC) WHEN THE RESURFACING OPERATION IS LOCATED BETWEEN SIGN SETS 1 AND 3.

WHEN SIGN SETS 2 AND 4 ARE ACTIVE. SIGN SETS 1 AND 3 BECOME INACTIVE AND ARE ADVANCED TO BECOME SETS 2 AND 4 WITH SIGN LEGENDS TURNED AWAY FROM BOTH DIRECTIONS OF TRAFFIC. WHEN THE RESURFACING OPERATION ADVANCES TO BETWEEN SIGN SETS 2 AND 4, SIGN SETS 2 AND 4 BECOME ACTIVE (I.E., NEW SIGN SETS 1 AND 3) AND SIGN SETS 1 AND 3 ADVANCED IN THE DIRECTION OF THE OPERATION (I.E., NEW SIGN SETS 2 AND 4).

- CHANNELIZERS

- FLAGGE

NOTES:

DAYLIGHT FLAGGING OPERATIONS ONLY.

FLAG ASSEMBLIES FOR SIGNS WILL BE PAID FOR AS EACH PER SIGN. EXCEPT FOR SIGN W020-70 WHICH IS SUBSIDIARY TO THE SIGN.

SPEED	SIGN SPACING (FT.) (1)		
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)	
0-35	200	200	
40-45	350	500	
50-55	500	1000	
60-70	1000	(SA)-1000 (SB)-1500 (SC)-2640	

PERMANENT POSTED	BUFFER SPACE
SPEED LIMIT	LENGTH
(MPH)	(FT)
0 - 35	280
40 – 45	400
50 - 55	560
60 - 70	840

NOTES:

(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

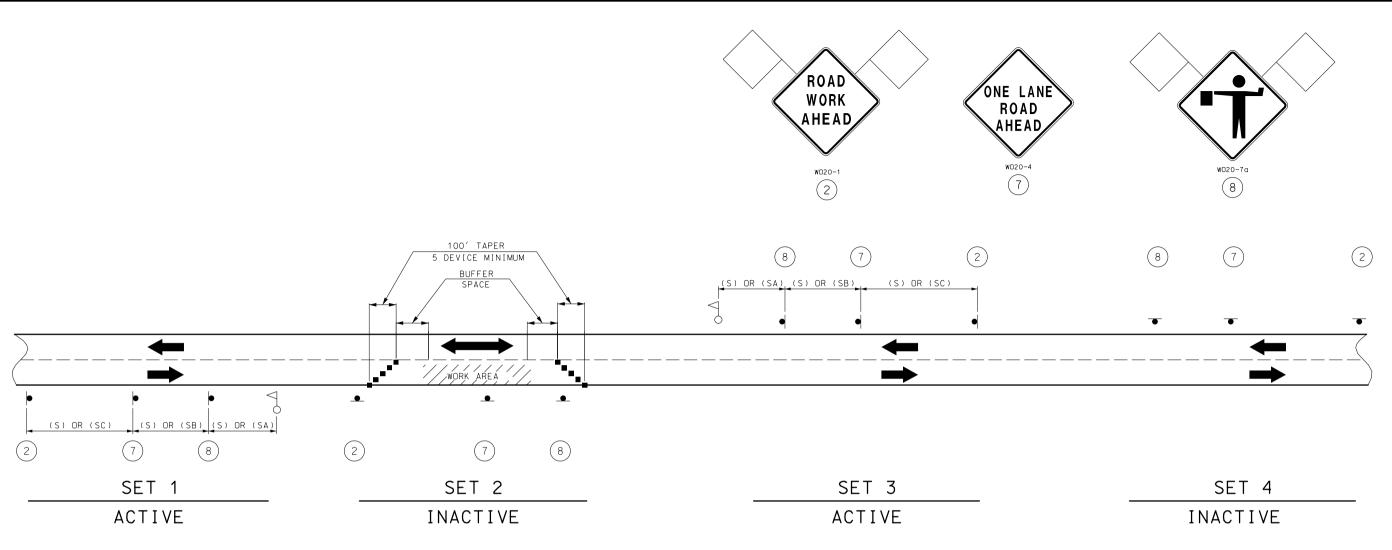
SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

TRAFFIC CONTROL FOR SEAL COAT AGGREGATE APPLICATION SHEET 2 OF 5

4/30/2020 ROUTE MO SHEET NO 5 COUNTY JOB NO. CONTRACT ID. PROJECT NO. BRIDGE NO.

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SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE ONCOMING TRAFFIC).

SIGN SETS 2 AND 4 ARE INACTIVE (I.E., SIGNS DO NOT FACE EITHER DIRECTION OF TRAFFIC) WHEN THE RESURFACING OPERATION IS LOCATED BETWEEN SIGN SETS 1 AND 3.

WHEN SIGN SETS 2 AND 4 ARE ACTIVE, SIGN SETS 1 AND 3 BECOME INACTIVE AND ARE ADVANCED TO BECOME SETS 2 AND 4 WITH SIGN LEGENDS TURNED AWAY FROM BOTH DIRECTIONS OF TRAFFIC. WHEN THE RESURFACING OPERATION ADVANCES TO BETWEEN SIGN SETS 2 AND 4, SIGN SETS 2 AND 4, SIGN SETS 2 AND 4 BECOME ACTIVE (I.E., NEW SIGN SETS 1 AND 3) AND SIGN SETS 1 AND 3 ADVANCED IN THE DIRECTION OF THE OPERATION (I.E., NEW SIGN SETS 2 AND 4).

- CHANNELIZERS

- FLAGGE

NOTES:

DAYLIGHT FLAGGING OPERATIONS ONLY.

FLAG ASSEMBLIES FOR SIGNS WILL BE PAID FOR AS EACH PER SIGN. EXCEPT FOR SIGN W020-7a WHICH IS SUBSIDIARY TO THE SIGN.

SPEED	SIGN SPACING (FT.) (1)		
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)	
0-35	200	200	
40-45	350	500	
50-55	500	1000	
60-70	1000	(SA)-1000 (SB)-1500 (SC)-2640	

NOTES.

(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

PERMANENT POSTED	BUFFER SPACE
SPEED LIMIT	LENGTH
(MPH)	(FT)
0 - 35	280
40 - 45	400
50 - 55	560
60 - 70	840

TRAFFIC CONTROL FOR ADDITIONAL SWEEPING OPERATIONS SHEET 3 OF 5

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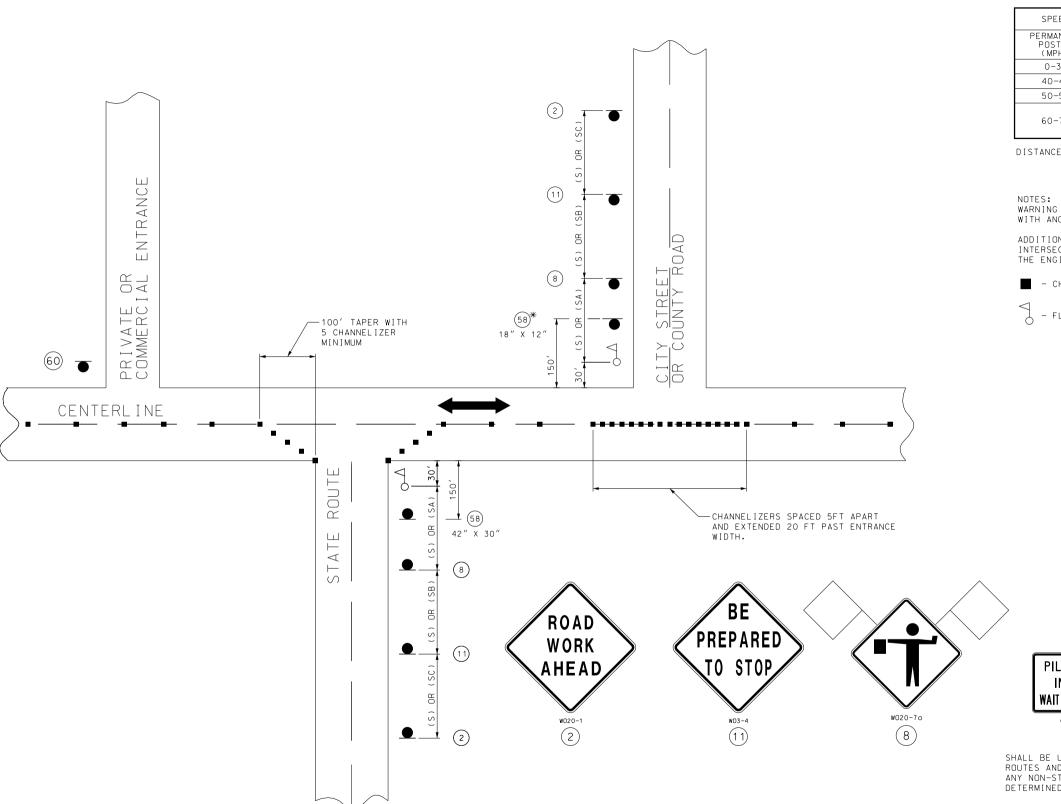
JOB NO.

BRIDGE NO.

MO

SHEET NO

6



SIDE ROADS ENTERING WORK ZONES

SPEED	SIGN SPACING (FT.)	
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA)-1000 (SB)-1500 (SC)-2640

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

WARNING SIGNS SHALL BE ERECTED AT EACH INTERSECTION WITH ANOTHER STATE HIGHWAY WITHIN THE WORK ZONE.

ADDITIONAL WARNING SIGNS SHALL BE ERECTED AT OTHER INTERSECTIONS WITHIN THE WORK ZONE, AS DIRECTED BY THE ENGINEER.

- CHANNELIZERS (AS SPECIFIED)

- FLAGGER

PILOT CAR IN USE WAIT & FOLLOW G020-4a

(58)

SHALL BE USED ON ALL STATE ROUTES AND MAY BE USED ON ANY NON-STATE ROUTES, AS DETERMINED BY THE ENGINEER.

* THE SMALLER 18" X 12" SIGN 58 IS USED ON ALL OTHER NON-STATE ROUTES (CITY STREETS. COUNTY ROADS, ETC.).

PILOT CAR IN USE WAIT & FOLLOW

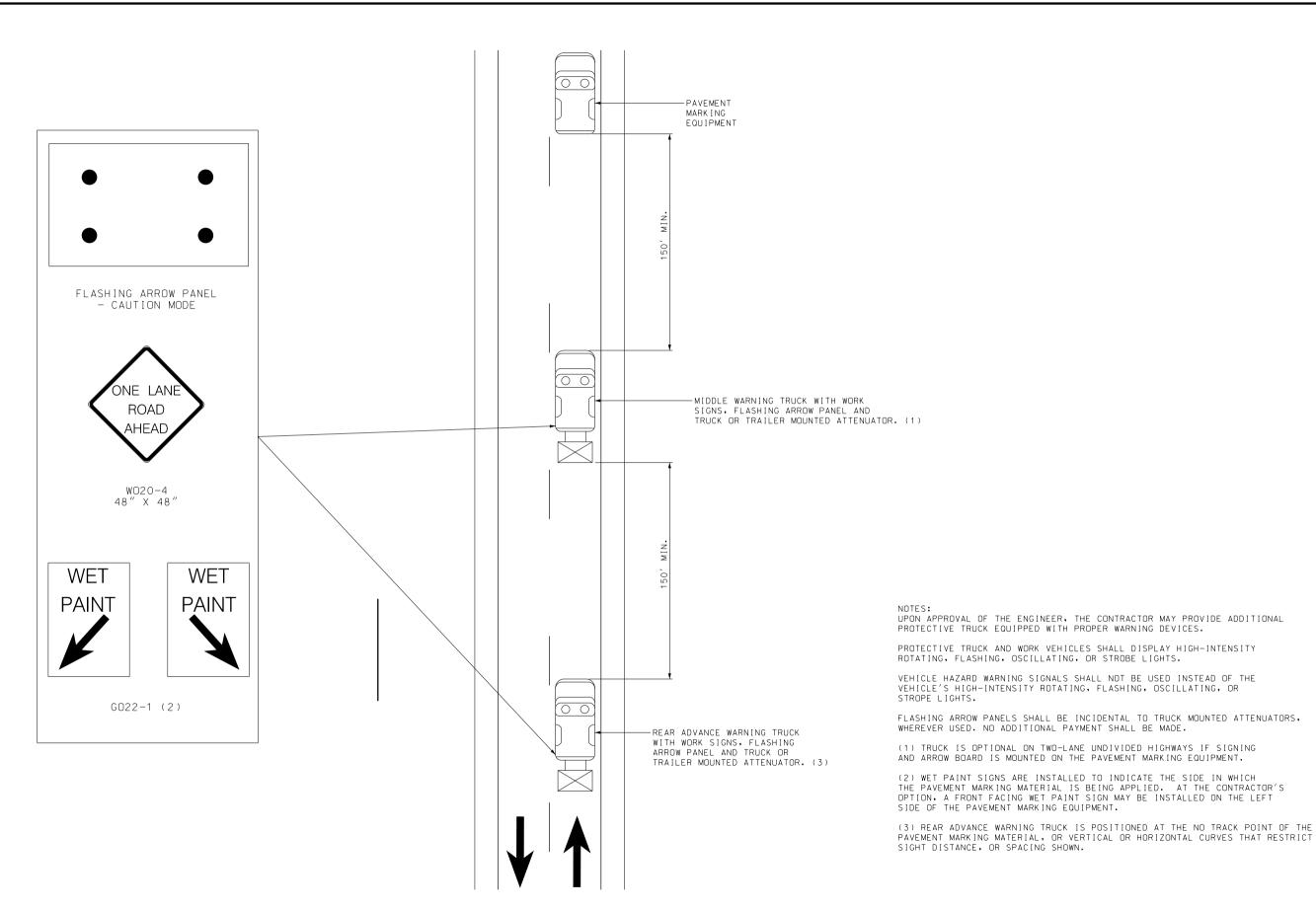
> SPECIAL (60)

SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE SPECIAL PROVISIONS.

TRAFFIC CONTROL SHEET 4 OF 5

4/30/2020 ΜO SHEET NO. JOB NO. CONTRACT ID. PROJECT NO. BRIDGE NO.

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CENTERLINE/EDGELINE STRIPING ON TWO-LANE HIGHWAYS

TRAFFIC CONTROL SHEET 5 OF 5

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4/30/2020

JOB NO.

BRIDGE NO.

MO SHEET NO.