

DESIGN DESIGNATION

A.A.D.T - 2020 = 732

V = 55 M.P.H

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED

STATE HIGHWAY

JOHNSON COUNTY

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (1 SHEET)---	2
QUANTITIES (QU) (1 SHEET)-----	3
SPECIAL SHEET (SS)-----	4
TRAFFIC CONTROL SHEETS (TC)-----	5-9



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
6/17/2020

ROUTE STATE
T MO

DISTRICT SHEET NO.
KC 1

COUNTY
JOHNSON

JOB NO.
J3S3147

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)



LENGTH OF PROJECT

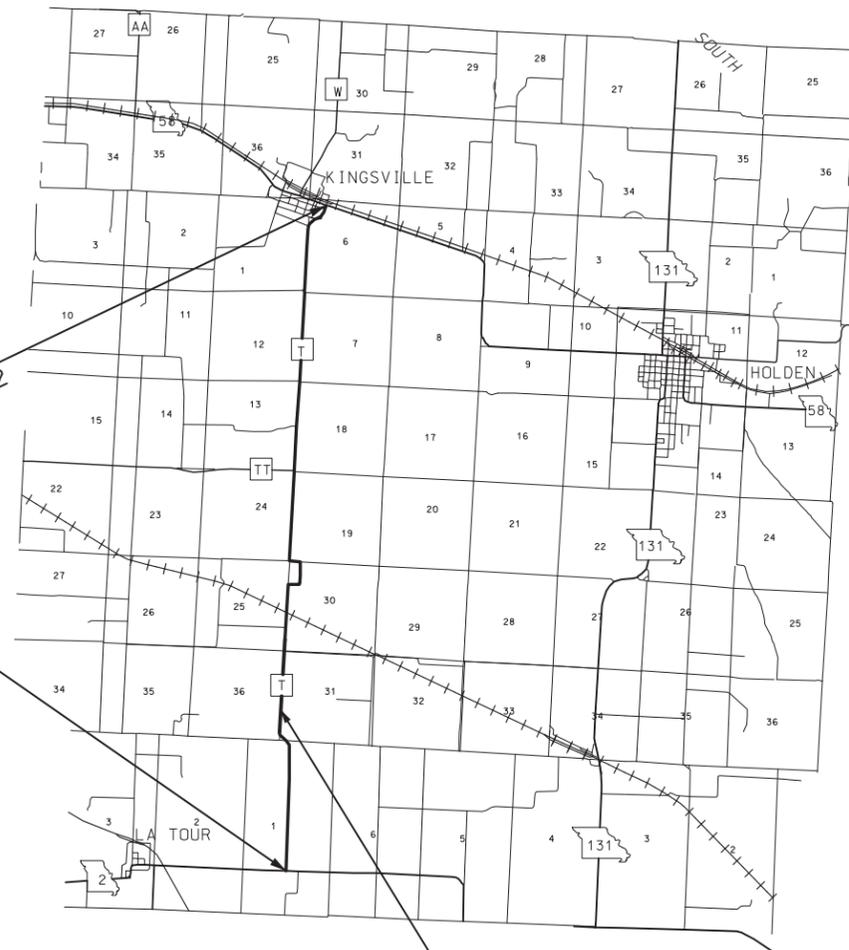
BEGINNING OF PROJECT	LOG MILE 0.002
END OF PROJECT	LOG MILE 7.727
APPARENT LENGTH	40788 FEET
EQUATIONS AND EXCEPTIONS:	
BRIDGE EXCEPTION	116 FEET
B0276	
LOG MI. 5.768 - LOG MI. 5.790	

TOTAL CORRECTIONS	116 FEET
NET LENGTH OF PROJECT	40672 FEET
STATE LENGTH	7.703 MILES

1" CONTRACT LEVELING COURSE

ROUTE 58
LOG MI. 0.002

ROUTE 2
LOG MI. 7.727



BRIDGE EXCEPTION
B0276
LOG MI. 5.768 - LOG MI. 5.790

SCALE IN MILES



PAVEMENT QUANTITIES									
ROUTE	LOG MILE SB	LOG MILE SB	WIDTH FT	1/2" SCRATCH COURSE TONS	1" BIT. SURFACE LEVELING* TONS	25% SURFACE LEVELING TONS	PERMANENT AGGREGATE EDGE TREATMENT TONS	TACK GAL	REMARKS
T	0.002	0.347	22	128.8	259.3	64.8	90	712	FROM ROUTE 58 IN KINGSVILLE TO CITY LIMITS (INCL RADIUS)
T	0.347	5.768	21	1832.9	3690.9	922.7	1413	10686	FROM KINGSVILLE CITY LIMITS TO BRIDGE B0276
T	5.790	7.727	21	660.6	1330.3	332.6	505	3818	FROM BRIDGE B0276 TO ROUTE 2 (INCL RADIUS)
T	-	-	5 ASPHALT ROADS	-	23.4	-	-	34	-
T	-	-	8 ASPHALT ENTRANCES	-	10.7	-	-	16	-
T	-	-	83 GRAVEL ENT/ROADS	-	-	-	412	-	-
			SUB TOTAL	2622.3	5314.6	1320.1	2420	15266	-
			PAY TOTAL	9257.0			2420	15266	

* INCLUDES SAFETY EDGE QUANTITY

PAVEMENT MARKING - WATERBORNE PAINT WITH TYPE P BEADS						
ROUTE	LOG MILE SB	LOG MILE SB	4" WHITE SOLID LF	4" YELLOW SOLID LF	4" YELLOW INTERMEDIATE LF	REMARKS
T	0.002	0.333	3495	-	-	KINGSVILLE
T	0.002	7.727	-	49252	6470	-
			SUBTOTAL	3495	49252	6470
			PAY TOTAL	3495	55722	

PERFORMED THERMOPLASTIC PAVEMENT MARKING			
ROUTE	LOG MILE SB	30" WHITE MIDBLOCK EACH	REMARKS
T	4.747	5	TRAIL CROSSING
		PAY TOTAL	5

CONSTRUCTION SIGNING						
SIGN NO.	SIGN	SIZE (in.)	AREA (ft. ²)	QTY.	TOTAL AREA (ft. ²)	DESCRIPTION
②**	W020-1	48 x 48	16.00	10	160	ROAD WORK AHEAD
⑦	W020-4	48 x 48	16.00	4	64	ONE LANE ROAD AHEAD
⑧	W020-7a	48 x 48	16.00	10	160	FLAGGER (SYMBOL) WITH FLAGS
①*	G020-1	60 x 24	10.00	2	20	ROAD WORK NEXT 8 MILES
②⑥	G020-2	48 x 24	8.00	2	16	END ROAD WORK
③⑤	W08-12	48 x 48	16.00	10	160	NO CENTER LINE
③⑥	W08-11	48 x 48	16.00	14	224	UNEVEN LANES
⑤③	G020-4	36 x 18	4.5	2	9	PILOT CAR FOLLOW ME
⑤⑧	G020-4A	42 x 30	8.75	6	52.5	PLEASE WAIT FOR PILOT CAR
①①	W03-4	48 x 48	16.00	6	96	BE PREPARED TO STOP
⑤⑨	CONST-8	48 x 36	12.00	2	24	WORK ZONE NO PHONE ZONE
⑤⑥	CONST-7	48 x 24	8.00	2	16	RATE OUR WORK ZONE
	G022-1	21 X 15	2.19	4	8.76	WET PAINT (ARROW PIVOTS)
	W08-17	48 x 48	16.00	14	224	SHOULDER DROP-OFF (SYMBOL)
	W08-17P	30 x 24	5.00	14	70	SHOULDER DROP OFF (PLAQUE)
616-10.05 CONSTRUCTION SIGNS TOTAL					1304	

MODIFIED COLDMILLING					
ROUTE	LOG MILE SB	LOG MILE SB	AVERAGE WIDTH FT	MODIFIED COLDMILLING SY	REMARKS
T	0.002	0.011	74	411	BEGINNING OF PROJECT
T	5.759	5.768	21	117	BEGINNING OF BRIDGE B0276
T	5.790	5.799	21	117	END OF BRIDGE B0276
T	7.718	7.727	60	333	END OF PROJECT
T	-	-	5 ASPHALT ROADS	284	-
T	-	-	8 ASPHALT ENTRANCES	199	-
T	-	-	1 CONCRETE ENTRANCE	8	-
			PAY TOTAL	1469	

MOBILIZATION	
	1 LUMP SUM

FLAG ASSEMBLIES		
	QUANTITY EACH	REMARKS
TOTAL	10	W020-1

ITEM NO.	QTY.	DESCRIPTION
616-10.25	325	CHANNELIZERS (TRIM-LINE)
612-30.00A	2	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)

NOTE:

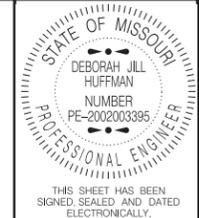
REFER TO STANDARD PLAN 616.10 AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.

REFER TO STANDARD PLAN 619.10 FOR SIGN PLACEMENT OF W08-17 AND W08-17P

* IF LESS THAN TWO (2) MILES, DELETE SIGN NO. 1.

** ADDITIONAL SIGN NO. 2 USED AS SHOWN ON TRAFFIC CONTROL SHEET 3 OF 5 AND AS DIRECTED BY ENGINEER.

SUMMARY OF QUANTITIES
SHEET 1 OF 1



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
7/16/2020

ROUTE T STATE MO

DISTRICT KC SHEET NO. 3

COUNTY JOHNSON

JOB NO. J3S3147

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)

MoDOT

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.

SPEED	SIGN SPACING (FT.)	
	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

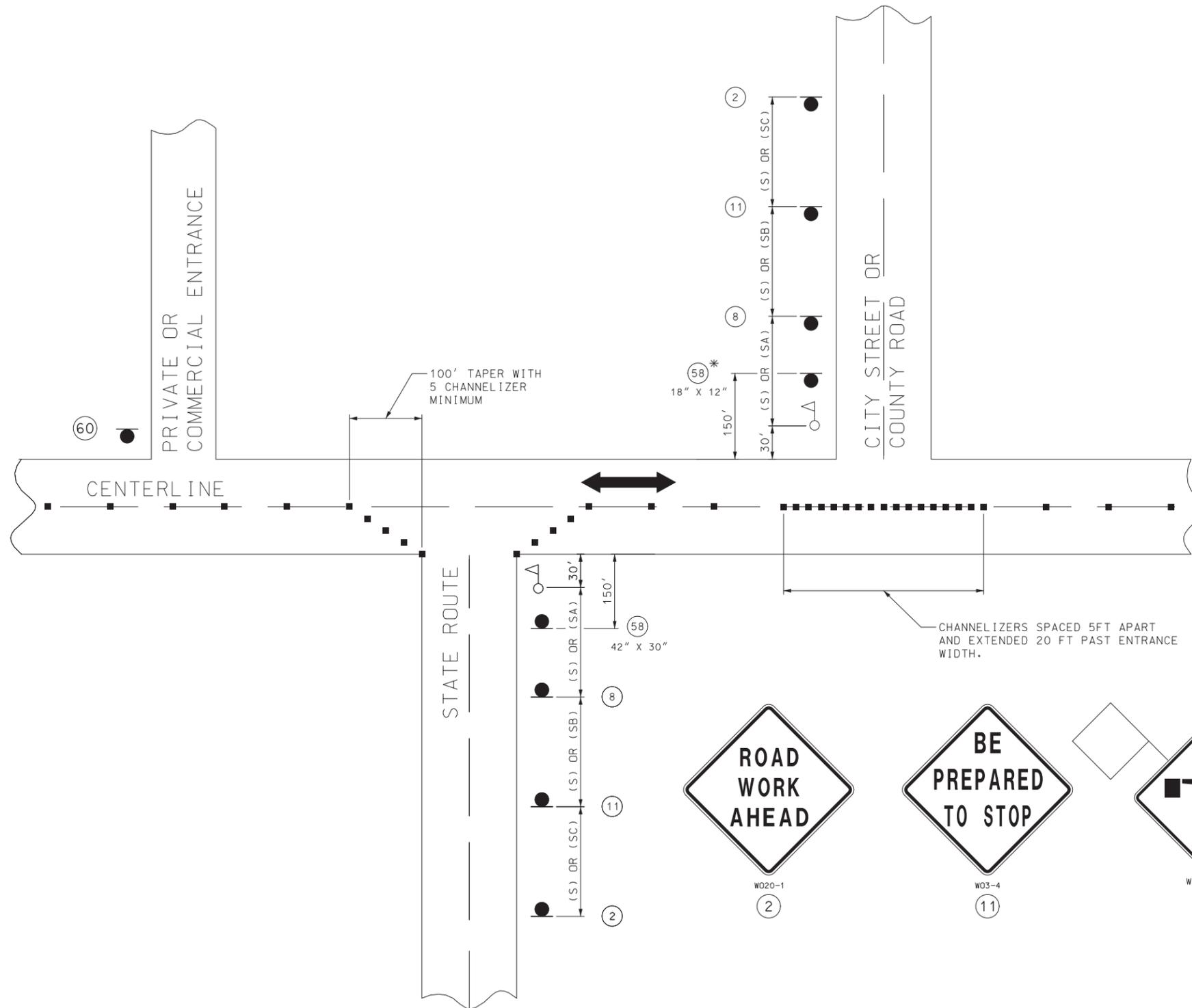
DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

NOTES:
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



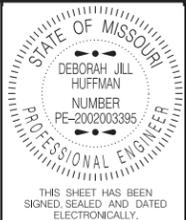
SIDE ROADS ENTERING WORK ZONES

TRAFFIC CONTROL
SHEET 3 OF 5

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

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

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



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DATE PREPARED
6/17/2020

ROUTE
T MO

DISTRICT
KC 7

COUNTY
JOHNSON

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