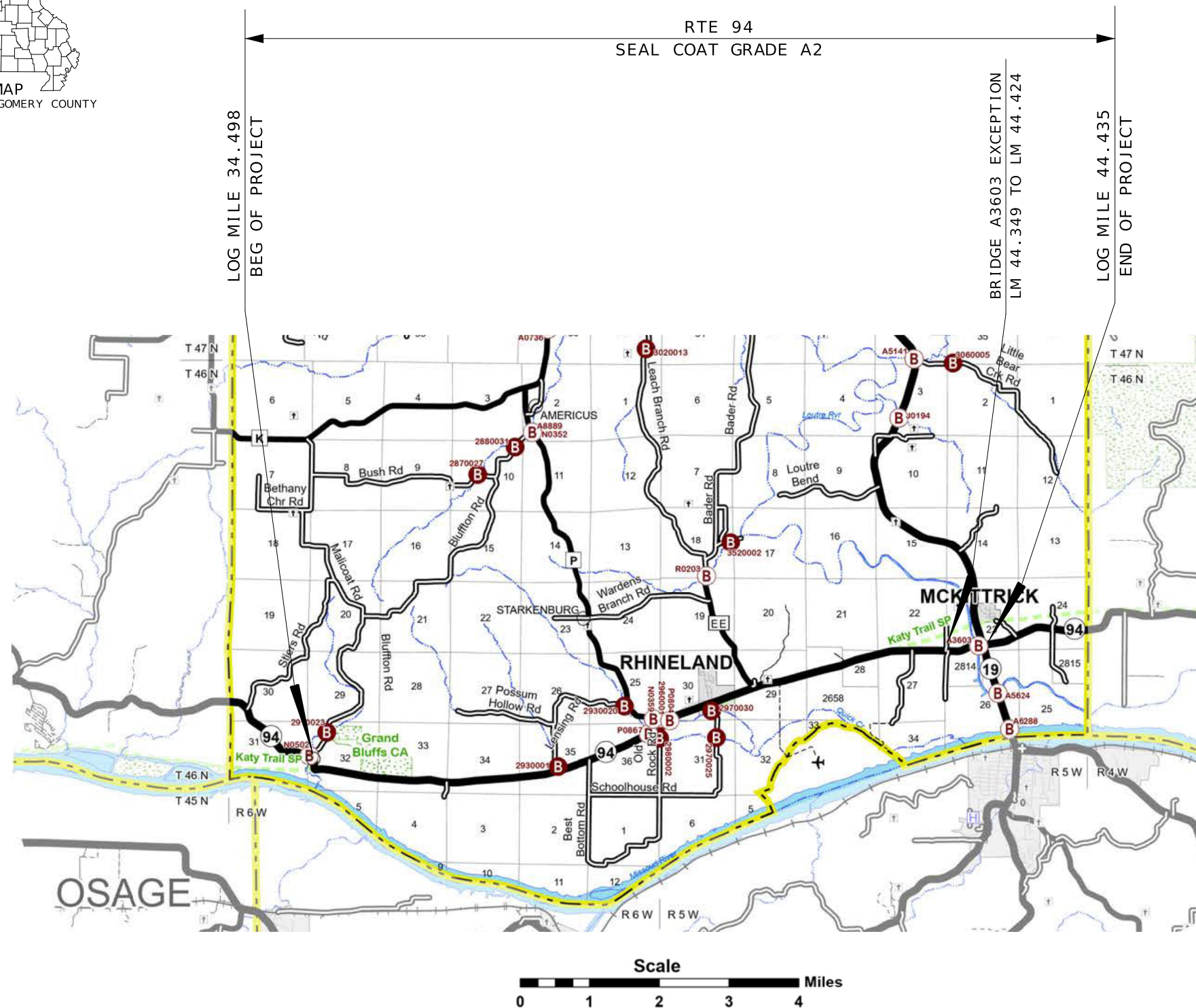
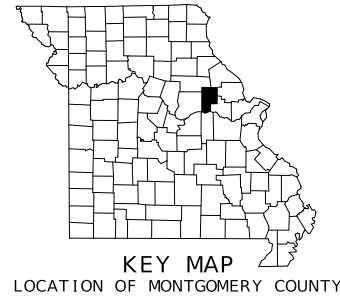


V = 55/45 M.P.H.

T46N - R6W TO R5W



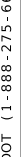
DESCRIPTION	NUMBER
TITLE SHEET	1
TYPICAL SECTION (TS) (1 SHEET)-----	2
QUANTITIES (QU) (2 SHEETS)-----	3
SIGNING (SN)-----	4-5
TRAFFIC CONTROL SHEETS (TC)-----	6-7

[illegible]

BEGINNING OF PROJECT	34.498
END OF PROJECT	44.435
APPARENT LENGTH	9.937 MILES
EQUATIONS AND EXCEPTIONS:	
BRIDGE #A3603	0.075 MILES

TOTAL CORRECTIONS	0.075 MILES
NET LENGTH OF PROJECT	9.862 MILES
STATE LENGTH	9.862 MILES

FOR INFORMATION ONLY
ESTIMATED DISTURBED ACRES - 0 ACRES



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITAL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TITLE SHEET

TYPICAL SECTION
SHEET 1 OF 1

SEAL COAT QUANTITIES							
LOG MILE	LOG MILE	LOCATION	LENGTH (MI)	WIDTH (FT)	SEAL COAT AGGREGATE, GRADE A2 (SY)	EMULSIFIED ASPHALT, SEAL COAT (GAL)	REMARKS
34.498	44.349	RTE 94	9.851	22	127,143.6	35,600.2	START OF PROJECT
44.349	44.424	RTE 94	0.075	40	-	-	BRIDGE
44.424	44.435	RTE 94	0.011		271.0	75.9	END OF BRIDGE TO END OF PROJECT
				TOTAL	127,414.6	35,676.1	
				USE	127,415	35,680	
FACTOR USED FOR EMULSIFIED ASPHALT = 0.28 GALLONS/S.Y.							

ITEM NO.	QTY.	DESCRIPTION
616-1098A	2	CHANGEABLE MESSAGE BOARD

MOBILIZATION
1 LUMP SUM

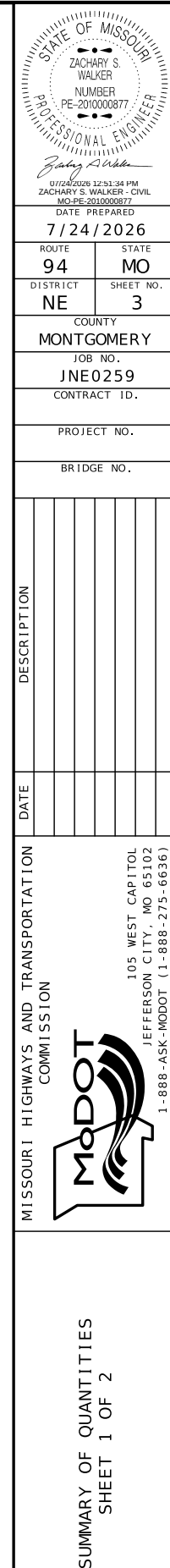
CONSTRUCTION SIGNS						
SIGN NO.	SIGN	SIZE INCHES	AREA (SQ. FT.)	QUANTITY	TOTAL AREA (SQ. FT.)	DESCRIPTION
1	G020-1	60 X 24	10.00	2	20.00	ROAD WORK NEXT 10 MILES
2	W020-1	48 X 48	16.00	4	64.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	6	96.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	4	64.00	FLAGGER (SYMBOL)
26	G020-2	48 X 24	8.00	2	16.00	END ROAD WORK
35	W08-12	48 X 48	16.00	10	160.00	NO CENTER LINE
53	G020-4	36 X 18	4.50	3	13.50	PILOT CAR FOLLOW ME
57	W08-7a	36 X 36	9.00	20	180.00	FRESH OIL/LOOSE GRAVEL
59	CONST-8	48 X 36	12.00	2	24.00	WORK ZONE NO PHONE ZONE
	G022-1	21 X 15	2.19	4	8.76	WET PAINT (ARROW PIVOTS)
SIDE ROAD PACKAGE - NON-STATE ROUTE - 8 TOTAL						
2	W020-1	48 X 48	16.00	8	128.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	8	128.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	8	128.00	FLAGGER (SYMBOL)
58	G020-4a	18 X 12	1.50	8	12.00	PILOT CAR IN USE WAIT & FOLLOW
SIDE ROAD PACKAGE - STATE ROUTE - 4 TOTAL						
2	W020-1	48 X 48	16.00	4	64.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	4	64.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	4	64.00	FLAGGER (SYMBOL)
58	G020-4a	42 X 30	8.75	4	35.00	PILOT CAR IN USE WAIT & FOLLOW
CONSTRUCTION SIGNS TOTAL					1270 *	616-99.01 MISC. LUMP SUM
CHANNELIZERS					100 *	TEMPORARY TRAFFIC CONTROL
NOTES:						
ALL TEMPORARY TRAFFIC CONTROL ITEMS ARE INCLUDED IN PAY ITEM 616-99.01, MISC. LUMP SUM TEMPORARY TRAFFIC CONTROL UNLESS OTHERWISE NOTED.						
QUANTITIES SHOWN ARE AN ESTIMATE ONLY AND ARE SUBJECT TO CHANGE BASED ON FIELD CONDITIONS.						
REFER TO STD. PLAN 616.20 FOR TEMPORARY TRAFFIC CONTROL PLANS.						
REFER TO STD. PLAN 616.10 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.						
MOBILE OPERATION TMA'S ARE CONSIDERED INCIDENTAL TO CONSTRUCTION.						

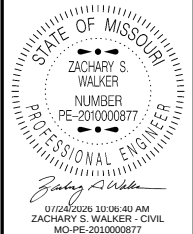
LUMP SUM TEMPORARY TRAFFIC CONTROL		
ITEM NO.	UNIT	DESCRIPTION
616-99.01	1	LUMP SUM TEMPORARY TRAFFIC CONTROL (*ITEMS INCLUDED)

REMOVAL OF IMPROVEMENTS				
LOG MILE	LOCATION	DESCRIPTION	UNIT	AMOUNT
40.122	RTE 94	REMOVE EXISTING BICYCLE CROSSING SIGN & POST	EA.	1
40.636	RTE 94	REMOVE EXISTING BICYCLE CROSSING SIGN & POST	EA.	1
40.964	RTE 94	REMOVE EXISTING BICYCLE CROSSING SIGN & POST	EA.	1
			TOTAL	LUMP SUM



NOTE: FRESH OIL/LOOSE GRAVEL SIGN SHALL BE PLACED AT THE START OF THE PROJECT AT ONE MILE INTERVALS. SIGNS SHOULD ALSO BE INSTALLED WITHIN 150 FT. AFTER THE INTERSECTION OF A STATE ROUTE. ADDITIONAL SIGNS MAY BE INSTALLED WITHIN 150 FT. AFTER OTHER INTERSECTIONS, AS DIRECTED BY ENGINEER.





DATE PREPARED 7/23/2026	
ROUTE 94	STATE MO
DISTRICT NE	SHEET NO. 4
COUNTY MONTGOMERY	
JOB NO. JNE0259	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

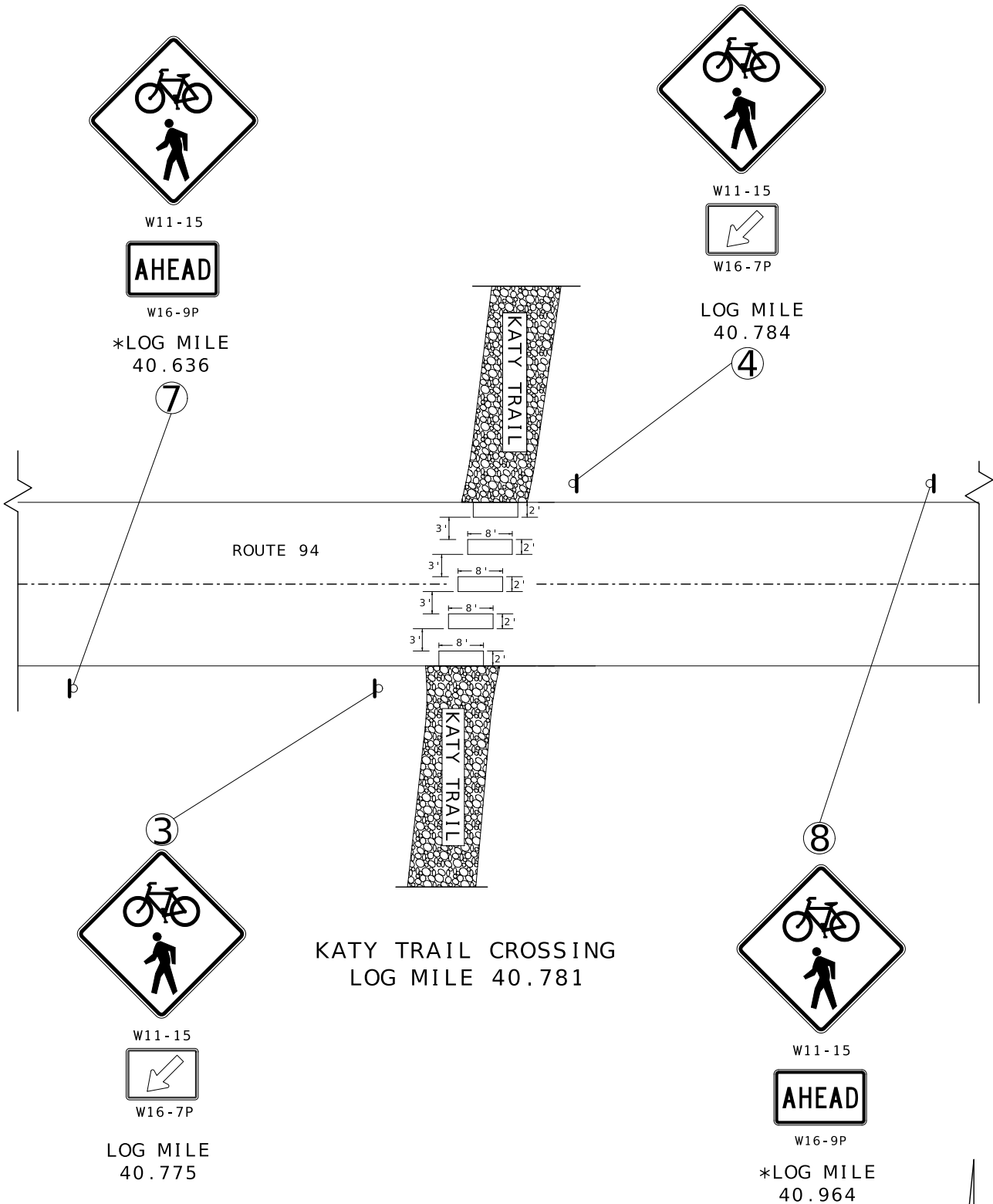
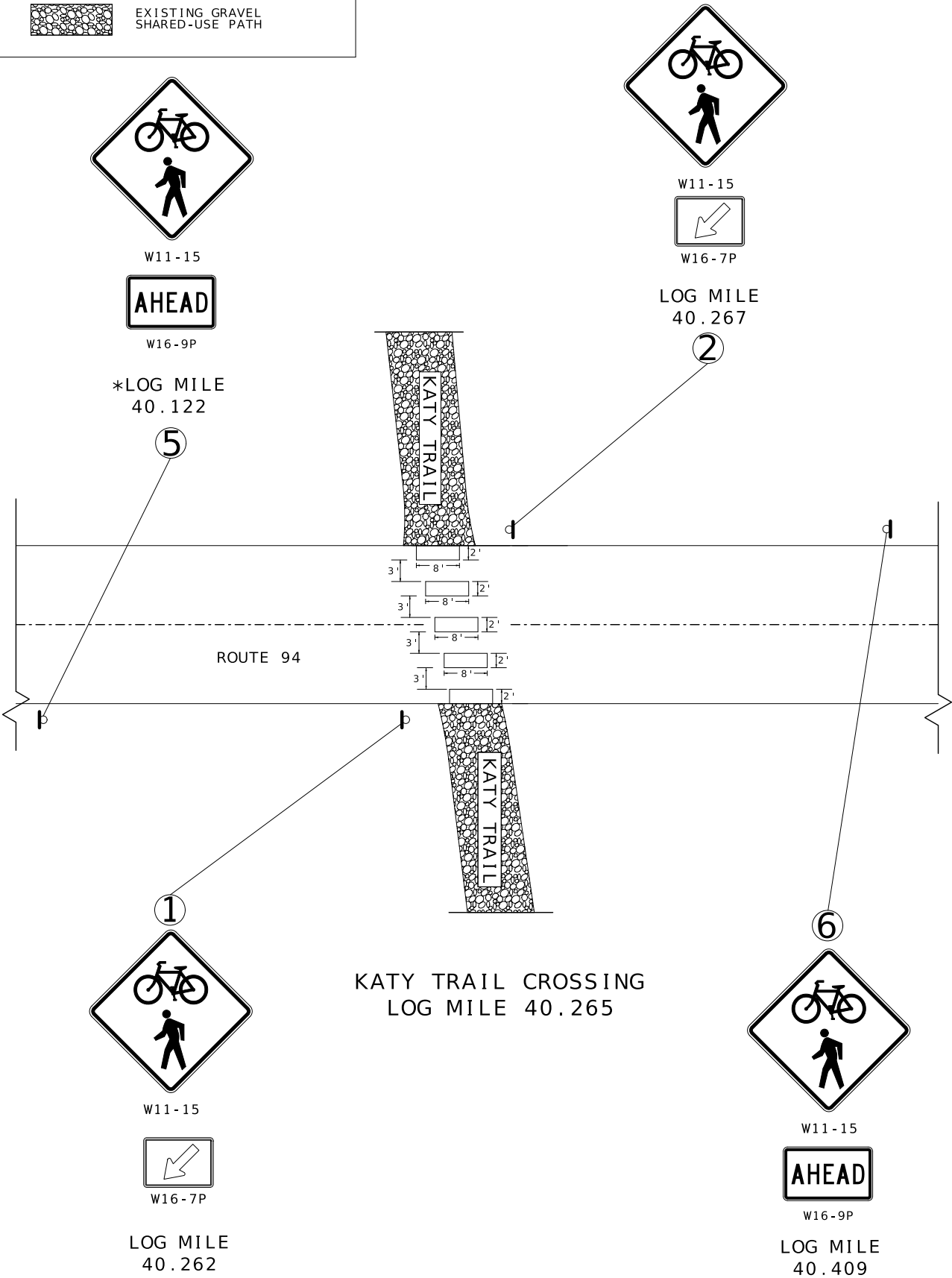
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SIGNING
SHEET 1 OF 2

NOTES :
POST INSTALLATION AND SIGN MOUNTING DETAILS SEE STANDARD PLANS 903.03

LEGEND

EXISTING GRAVEL SHARED-USE PATH



NOT TO SCALE

* REPLACE EXISTING SIGNAGE AS SPECIFIED AT EXISTING LOCATIONS

SIGNS				CONCRETE FOOTINGS EMBEDDED		I-BEAM POSTS*				PIPE POSTS*				4" SQUARE STEEL POST*				PERFORATED SQUARE STEEL TUBE**										U-CHANNEL POST		ALUMINUM BACKING BARS			COLUMN MOUNTING C-CHANNEL		EFFECTIVE: 07-01-2026	
902 SIGNAL SIGNS TABULATED ON D-37A																		2" POST					2.5" POST					BREAK-AWAY								
SIGN NO.	SIGN SIZE	LOG MILE	LOCATION	SIGN DTL SHT NO.	(I-BEAM/PIPE) ITEM NO. 9031010 CY	POST + STUB				LBS PER FT	TOTAL ITEM NO. 9031210 LBS	POST + STUB				LBS PER FT	TOTAL ITEM NO. 9031220 LBS	BASE ITEM NO. 9031005 EACH	POST ITEM NO. 9031230 LF	NO. 1	NO. 2	TOTAL ITEM NO. 9031270A LF	DRIVEN ITEM NO. 9031273A EACH	CONCRETE ITEM NO. 9031274 EACH	NO. 1	NO. 2	TOTAL ITEM NO. 9031280 LF	DRIVEN ITEM NO. 9031281A EACH	CONCRETE ITEM NO. 9031285 EACH	ASSEMBLY ITEM NO. 9031241 EACH	ITEM NO. 9031250A LF	COUNT EACH	LENGTH IN.	TOTAL ITEM NO. 9035030 LF	ITEM NO. 9035031 LF	
						DES NO.	NO. 1 LF	NO. 2 LF	NO. 3 LF			SIZE IN.	NO. 1 LF	NO. 2 LF																						
1	36x36	40.262																																		
2	36x36	40.267																																		
3	36x36	40.775																																		
4	36x36	40.784																																		
5	36x36	40.122																																		
6	36x36	40.409																																		
7	36x36	40.636																																		
8	36x36	40.964																																		
SUBTOTAL																																				
TOTAL																																				

*BREAKAWAY ASSEMBLY IS INCIDENTAL FOR I-BEAM, PIPE AND 4" SQUARE STEEL POSTS.

**FOR PSST WITHOUT BREAKAWAY DEVICES, POST LENGTH SHALL INCLUDE AN ADDITIONAL 6" FOR INSERTION INTO ANCHOR;
FOR SURFACED MOUNTED PSST ON ISLANDS, NO ANCHOR IS USED, JUST A SURFACE MOUNT BREAKAWAY ASSEMBLY.

D-29

STANDARD SIGN ASSEMBLIES									
SIGN, TYPE, DESIGNATION, SIZE & NUMBER OF EACH									
SIGN NO.	LOG MILE	LOCATION							
			W11-15 36 x 36	W16-7P 30 x 21	W16-9P 30 x 18				
1	40.262	RTE 94	1	1					
2	40.267	RTE 94	1	1					
3	40.775	RTE 94	1	1					
4	40.784	RTE 94	1	1					
5	40.122	RTE 94	1		1				
6	40.409	RTE 94	1		1				
7	40.636	RTE 94	1		1				
8	40.964	RTE 94	1		1				
TOTALS			8	4	4				

SIGN SUMMARY								EFFECTIVE: 10-01-2016			
STANDARD OR SPECIAL SIGN DESIGNATION	SIGN DTL SHT NO.	NO. EACH	SIGN SIZE	TYPE & SQUARE FEET							
				FLAT SHEET SH	FLAT SHEET FLUORESCENT SHF*	STRUCTURAL ST	STRUCTURAL FLUORESCENT STF*				
				ITEM NO. 9035004A	ITEM NO. 9035069A	ITEM NO. 9035011A	ITEM NO. 9035071A				
W11-15		8	36 x 36		72.00						
W16-7P		4	30 x 21		17.50						
W16-9P		4	30 x 18		15.00						
TOTALS					105						
*ORANGE, YELLOW AND YELLOW-GREEN											

D-30

Sign Spacing, Device Spacing
and Channelizing Taper Lengths

SIGN SPACING (S) FOR ADVANCE SIGN SERIES (1) (2)		
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 SPACING OF CHANNELIZING DEVICES					
SPEED MPH	MINIMUM TAPER LENGTHS (L) FOR LANE WIDTHS (W)			MAXIMUM CHANNELIZER SPACING	
	10 FT	11 FT	12 FT	THROUGH TAPER	THROUGH WORK AREA
0-35	205	225	245	35	40
40-45	450	495	540	40	80
50-55	550	605	660	50	80
60-70	700	770	840	60	120

NOTES:

DIMENSIONS IN FEET UNLESS OTHERWISE NOTED.

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

(2) SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS

LONGITUDINAL BUFFER SPACE (B)	
SPEED MPH	BUFFER SPACE
0-35	250
40-45	360
50-55	495
60-70	730

TAPER LENGTH (L):

L = WS FOR 40 MPH OR MORE

L = $\frac{WS^2}{60}$ FOR 35 MPH OR LESS

FOR SHOULDER TAPER USE L/3

WHERE:

L = TAPER LENGTH IN FEET

W = LATERAL SHIFT IN FEET

S = POSTED SPEED IN MPH

TRAFFIC CONTROL DEVICES

GENERAL NOTES:

- SEE STANDARD PLAN 616.10 FOR DETAILS AND ITEMS NOT SHOWN
- EXISTING SIGNS SHALL BE COVERED DURING WORKING HOURS ONLY IF IN CONFLICT WITH TRAFFIC CONTROL PLANS.
- NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING OR REMOVING SIGNS.
- CONES ALLOWABLE FOR DAYTIME OPERATIONS ONLY.
- LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE, ARROW PANELS ARE ALWAYS LOCATED BEHIND CHANNELIZERS OR CONES.

TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)

• SIGN (DOUBLE SIDED)

○ FLAGGER

▲ DIRECTION INDICATOR BARRICADE

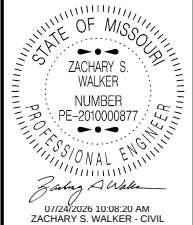
■ CHANNELIZER

E BARRICADE

CHANGEABLE MESSAGE BOARD

FLASHING ARROW PANEL

TMA (TRUCK MOUNTED ATTENUATOR) WITH FLASHING ARROW PANEL



DATE PREPARED 7/23/2026	
ROUTE 94	STATE MO
DISTRICT NE	SHEET NO. 6
COUNTY MONTGOMERY	
JOB NO. JNE0259	
CONTRACT ID.	

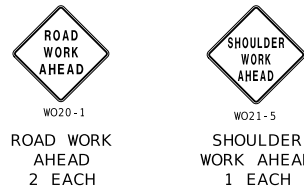
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

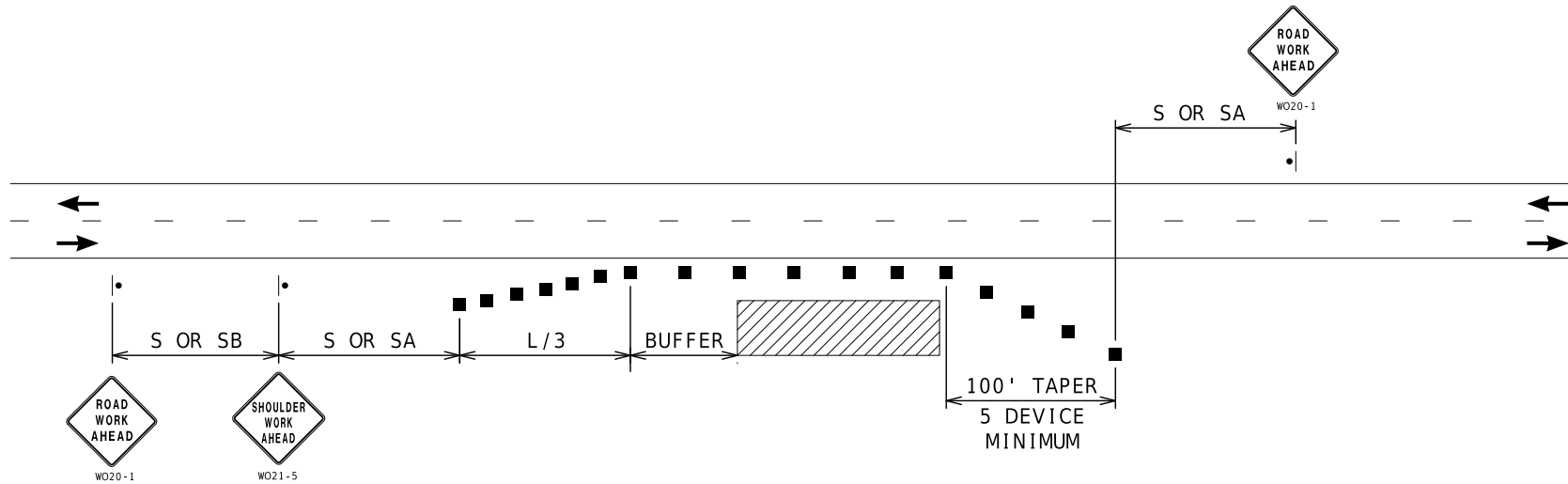
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



■ CHANNELIZER (TRIM LINE): 50 EACH



SHOULDER WORK - UNDIVIDED ROADWAYS

NOTES:

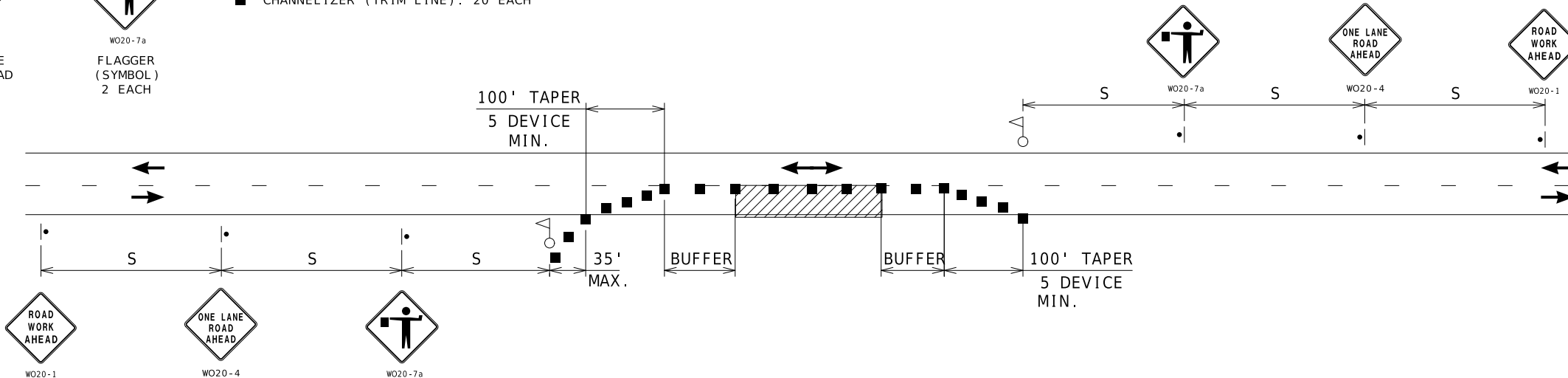
USED FOR WORK ON SHOULDER OR FOR WORK OFF SHOULDER WITH WORK VEHICLES PARKED ON THE SHOULDER.

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

TO BE USED AS NEEDED FOR SIGN INSTALLATION WORK.



■ CHANNELIZER (TRIM LINE): 20 EACH



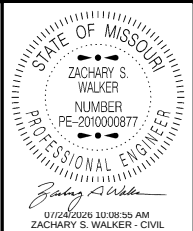
ONE - LANE TWO-WAY OPERATION WITH FLAGGERS

NOTES:

A MINIMUM OF TWO FLAGGERS WILL BE REQUIRED TO DIRECT TRAFFIC. ADDITIONAL FLAGGERS MAY BE REQUIRED WHEN WORKING AT INTERSECTING STREETS OR RAMPS AS DIRECTED BY THE ENGINEER. NO DIRECT PAYMENT WILL BE MADE FOR FLAGGERS

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

TO BE USED AS NEEDED FOR SIGN INSTALLATION AND CROSSWALK PAVEMENT MARKING WORK



DATE PREPARED
7/23/2026

ROUTE 94	STATE MO
DISTRICT NE	SHEET NO. 7

COUNTY
MONTGOMERY

JOB NO.
JNE0259

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

