PROJECT	DESIGNATION	
1800082	1800082	
CONTRACT		
R-41481		
DESIGNATION	P	ROJECT DESCRIPTION
1800082	US 31 FROM SOUTH MAIN STR	REET TO ISRAEL LANE
100002		
1800082	US 31 AT CANARY DITCH, 1.30) MILE NORTH OF SR 44, STRUCTURE 031-41-10
	US 31 AT CANARY DITCH, 1.30 US 31 AT YOUNG'S CREEK, ST	-
1800272		

BEGIN PROJECT STA. 1044+25.00 "C"

PLANS PREPARED BY



TRANSPORTATION & DEVELOPMENT CONSULTANTS 3417 SHERMAN DRIVE **BEECH GROVE, IN 46107** (317) 780-1555 CROSSROADENGINEERS.COM

1099+79.05 TO 1101+87.38 "C"

INDIANA DEPARTMENT OF TRANSPORTATION

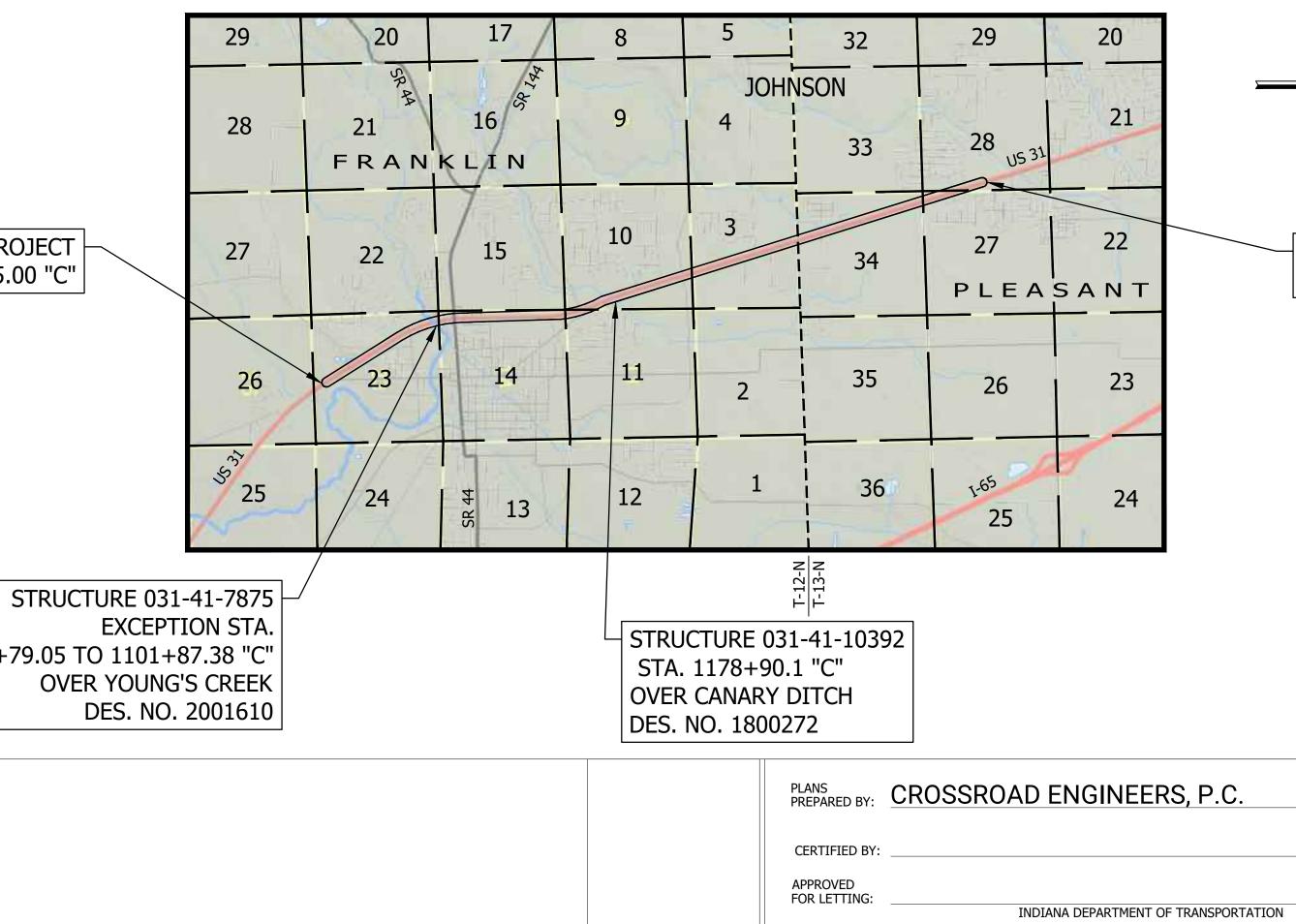


ROAD PLANS US 31

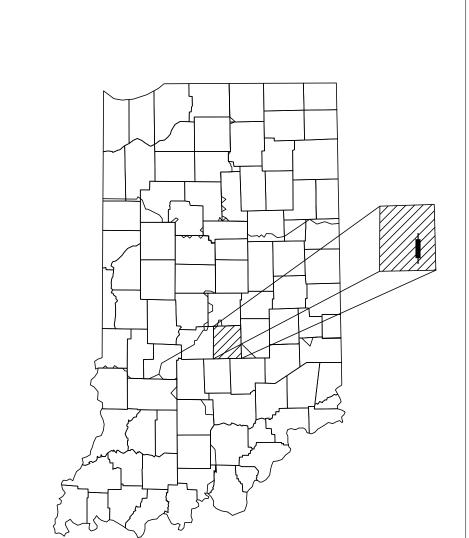
FROM RP 90+19 TO RP 95+51 PROJECT NO. 1800082 PE 1800082 R/W 1800082 CONSTR

Project Description

Improvement of Functionality and Safety of US 31 Corridor from South Main Street to Israel Lane. Located in Sections 23, 15, 14, 11, 10, & 3, T-12-N, R-4-E, Franklin Township, and Sections 34, 27, & 28, T-13-N, R-4-E, Pleasant Township, Johnson County, Indiana.



A.A.D.T. (2019) 31,479 V.P.D. A.A.D.T. (2043) 34,781 V.P.D. D.H.V (2043) 3,235 V.P.H. DIRECTIONAL DISTRIBUTION 49% POS. TRUCKS 9% A.A.D.T. 5% D.H.V.
D.H.V (2043) 3,235 V.P.H. DIRECTIONAL DISTRIBUTION 49% POS. TRUCKS 9% A.A.D.T. 5% D.H.V.
DIRECTIONAL DISTRIBUTION 49% POS. TRUCKS 9% A.A.D.T. 5% D.H.V.
TRUCKS 9% A.A.D.T. 5% D.H.V.
5% D.H.V.
DESIGN DATA
DESIGN SPEED 40 to 45 M.P.H.
PROJECT DESIGN CRITERIA 3R NON FREEWAY
FUNCTIONAL CLASSIFICATION OTHER PRINCIPAL ARTE
RURAL/URBAN URBAN (INTERMEDIA
ERRAIN LEVEL
ACCESS CONTROL NONE



PROJECT LOCATION SHOWN BY -----JOHNSON COUNTY

BEGIN LATITUDE: 39°27'53" N LONGITUDE: 86°03'16" W END LATITUDE: 39°32'26" N LONGITUDE: 86°05'00" W

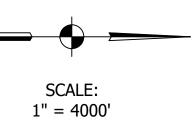
GROSS LENGTH: ROAD LENGTH: BRIDGE LENGTH: MAX. GRADE:

US 31 5.63 MI. 5.59 MI. 0.04 MI. 2.40 % (Exist.)

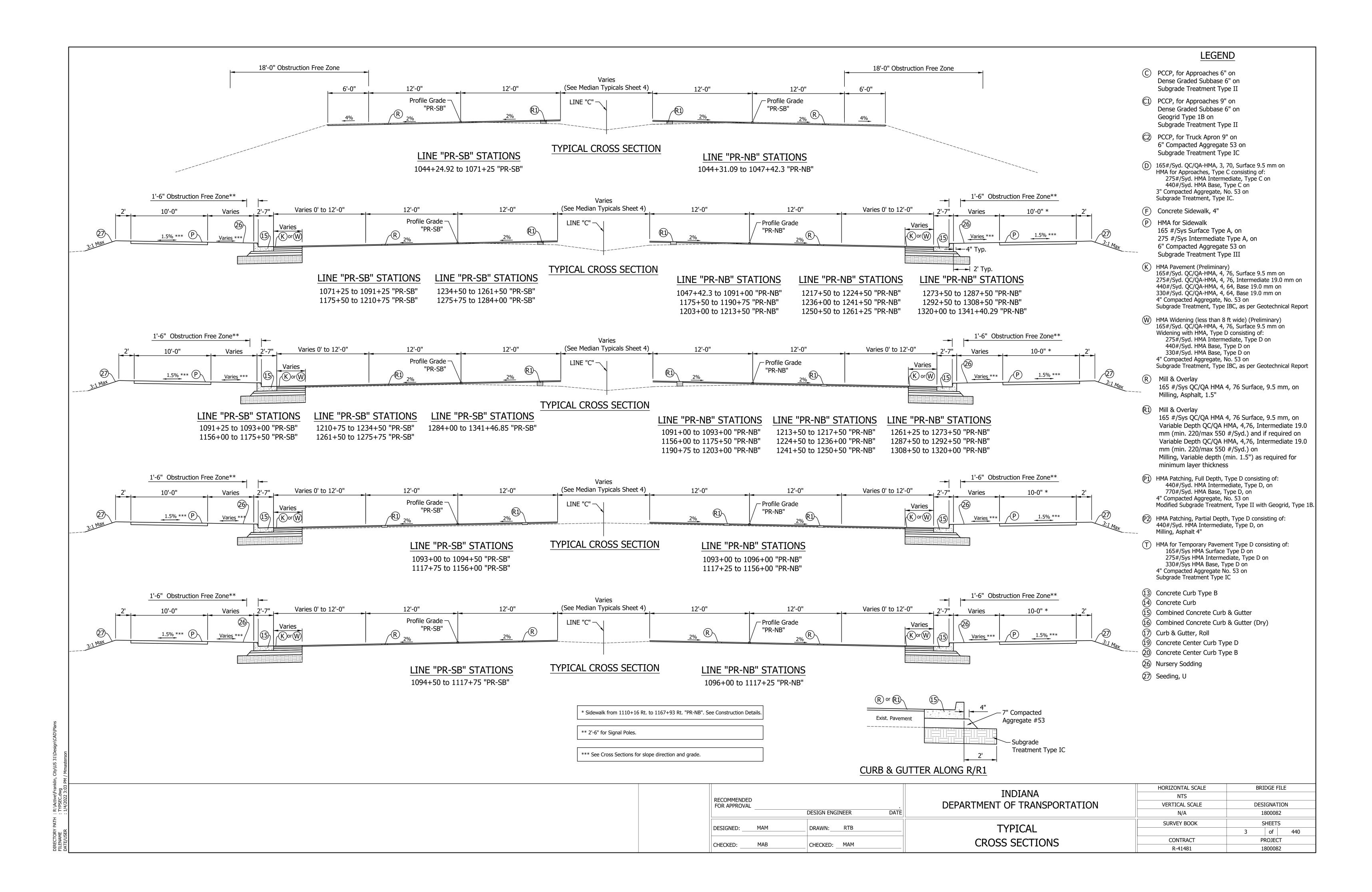
STAGE 2 PLANS JUNE 2021

INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED 2022 TO BE USED WITH THESE PLANS

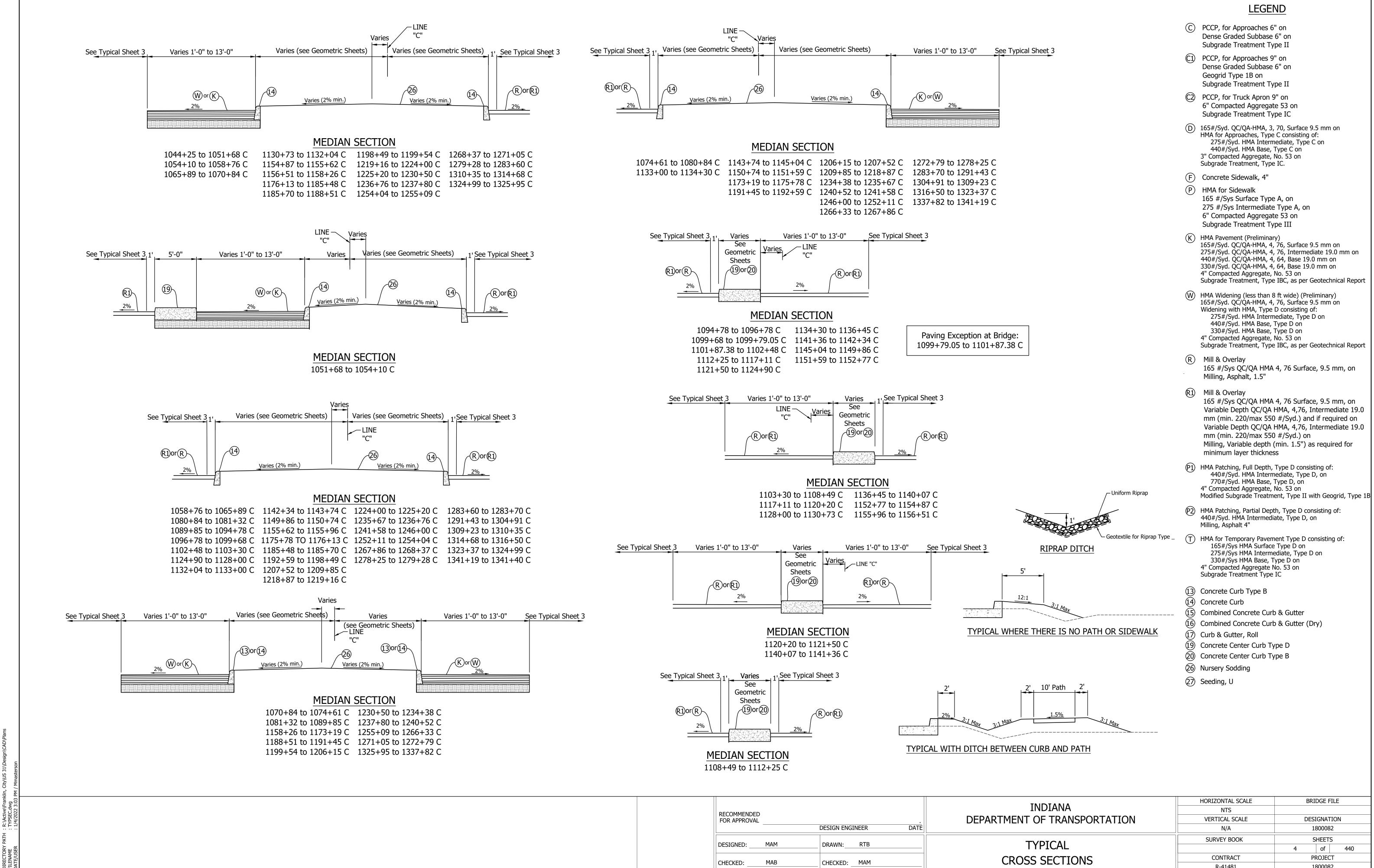
(317) 780-1555			
PHONE NUMBER		DESIGNAT	ION
		180008	2
	SURVEY BOOK	SHEET	S
DATE		1 of	294
	CONTRACT	PROJEC	T
DATE	R-41481	180008	2
		·	



END PROJECT STA. 1341+40.00 "C"

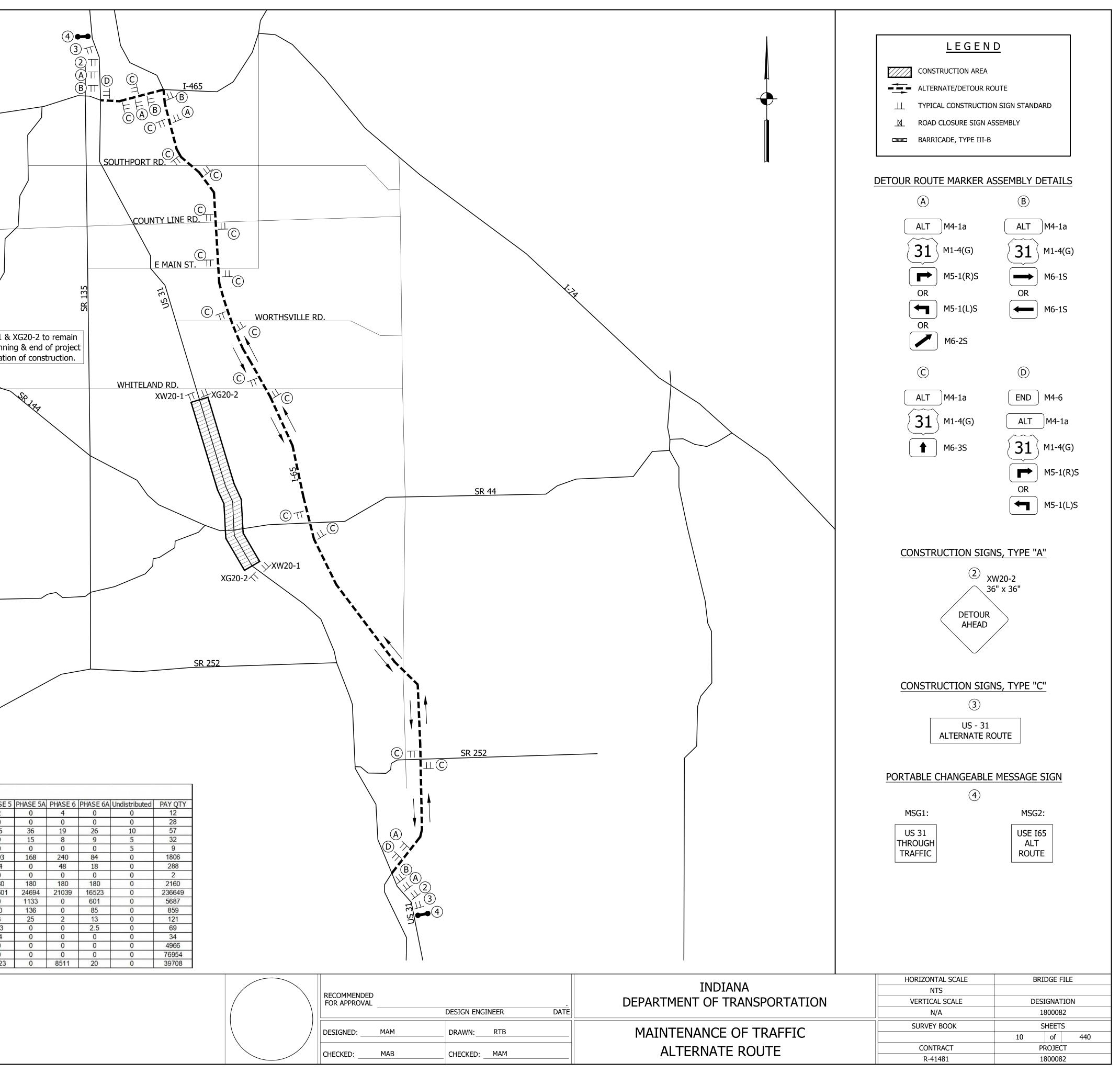


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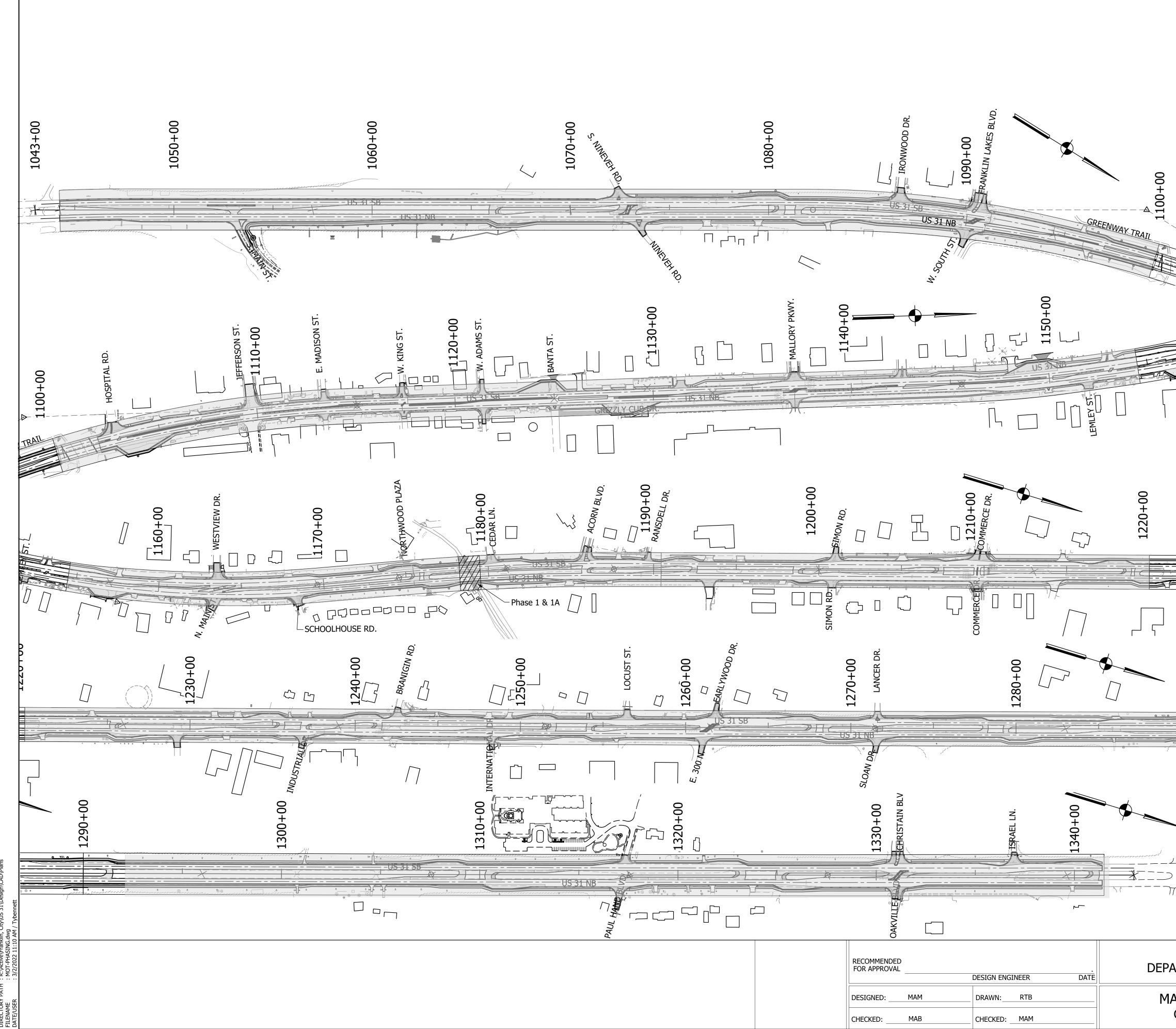


	HORIZONTAL SCALE	BRIDGE FILE
INDIANA	NTS	
DEPARTMENT OF TRANSPORTATION	VERTICAL SCALE	DESIGNATION
	N/A	1800082
TYPICAL CROSS SECTIONS	SURVEY BOOK	SHEETS
		4 of 440
	CONTRACT	PROJECT
	R-41481	1800082

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	/									
ПТЕМ	DETOUR	Phase 1	Phase 1A	PHASE 2	PHASE 2A	offic Q PHASE 3	PHASE 3A	ies PHASE 4		РНА
Road Closure Sign Assembly (EA)	0 28 6 0	0 17 6 2	Phase 1A 3 0 18 3 2	8 0 19 7 0	0 0 27 14 0 132	12 0 30 27 0 1806	0 0 41 20 0 372 0	0 0 31 21 0 1413 48	0 0 41 16 0 192 0	2 2 6 2



B40

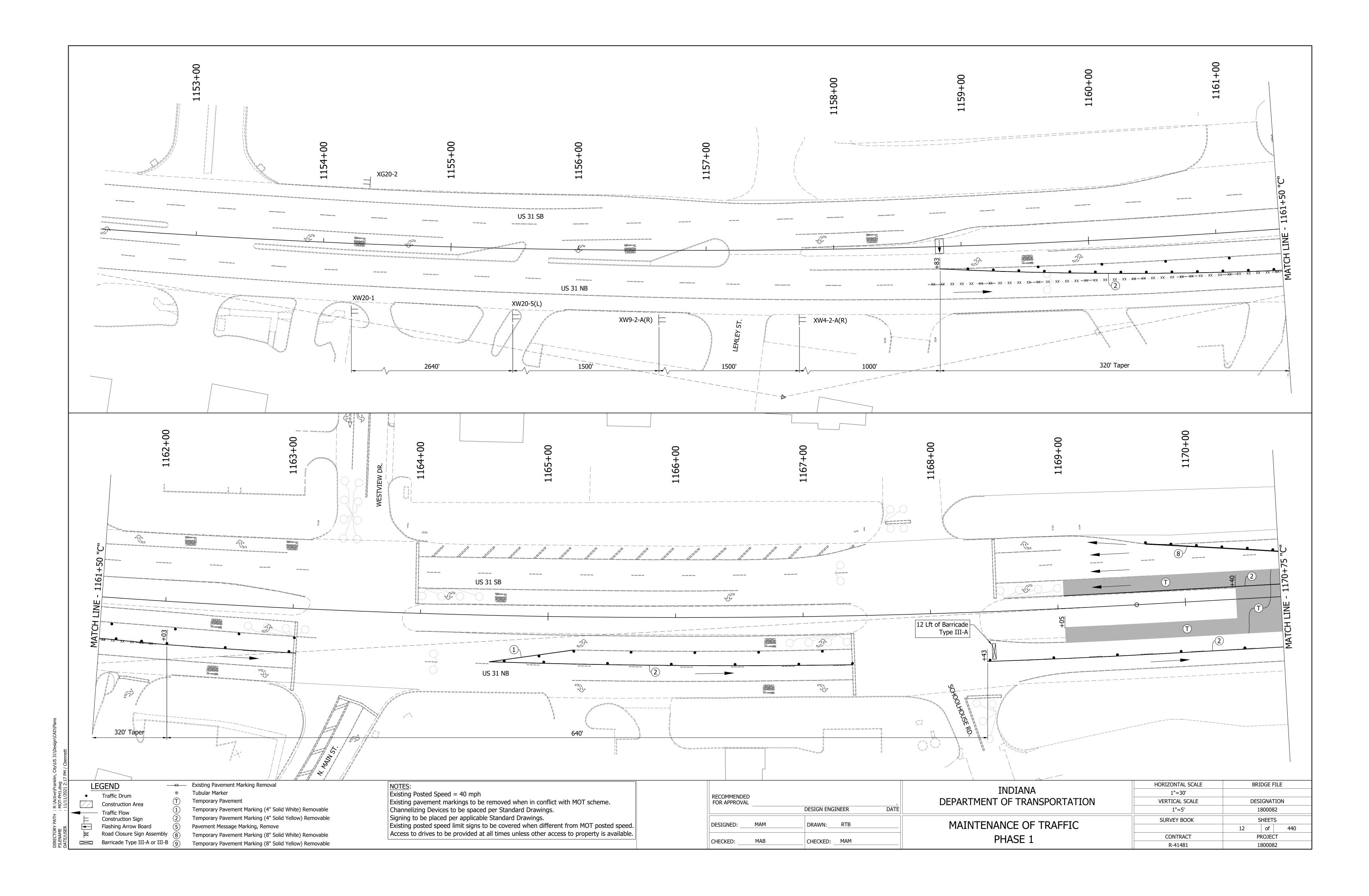


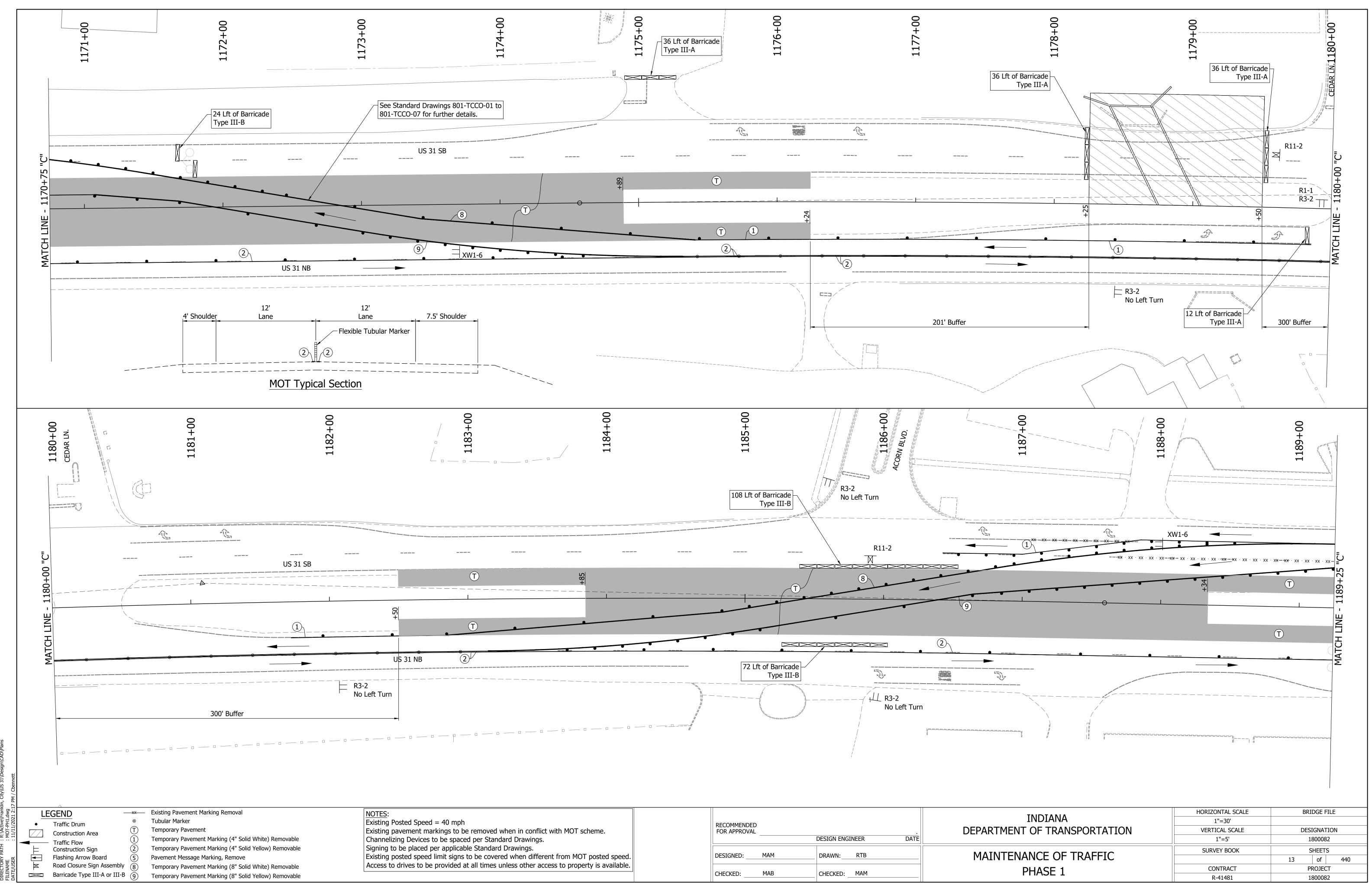
DEF	DESIGN ENGINEER DATE	RECOMMENDED FOR APPROVAL
M	MAM DRAWN: RTB	DESIGNED:
	MAB CHECKED: MAM	CHECKED:

	<u>_P</u>	HASE 1 ST	TA 1178+25 TO 1179+50
	SEQUENCE OF OPERATIONS Example 1. PLACE SIGNING AND TEMPORARY PAVEMENT	<pre>kpected Timing: June 20 F MARKINGS AS SHOWN ON TH</pre>	
	DRAWINGS.		
	2. PHASE 1 - CONSTRUCT CROSSOVERS FOR CU NORTHBOUND LANES AND CONSTRUCT WES		SHIFT TRAFFIC TO
	3. PHASE 1A - SHIFT TRAFFIC TO SOUTHBOUNI		T HALF OF CULVERT.
	*BUSINESSES ALONG THIS PHASE ONLY HAVE ACCE THESE BUSINESSES	SS FROM US 31. CONTRACTOR	TO MAINTAIN ACCESS TO
ľ	P	HASE 2 ST	TA 1044+25 TO 1099+79
	SEQUENCE OF OPERATIONS	pected Timing: March 2	023-August 2023
	1. PLACE SIGNING AND TEMPORARY PAVEMENT DRAWINGS.		IESE PLANS AND STANDARD
	 ADJUST TRAFFIC SIGNAL HEADS TO MEET M MOVE TRAFFIC TO INSIDE LANES AND CONS RAMPS, DITCHES AND DRAINAGE STRUCTUR 	STRUCT OUTSIDE LANES, LOON	IS, CURB & GUTTER, PATH,
	 INSTALL NEW STRAIN POLES, LOOPS, AND S MOVE TRAFFIC TO COMPLETED OUTSIDE LA 	GIGNALS. REMOVE SIGNALS NO	-
	AND MEDIAN. 6. PLACE SURFACE COURSE THROUGHOUT PHA SIGNS, RESTORATION OF SITE.	SE 2, PERMANENT PAVEMENT	MARKINGS, PERMANENT
	*BUSINESSES ALONG THIS PHASE ONLY HAVE ACCE THESE BUSINESSES	SS FROM US 31. CONTRACTOR	TO MAINTAIN ACCESS TO
		HASE 3 s	TA 1099+79 TO 1154+87
L	SEQUENCE OF OPERATIONS 1. CONSTRUCT TEMPORARY PAVEMENT AT LOC	xpected Timing: August 2 CATIONS SHOWN ON PHASE 3	
<u>بن</u> ه ۲۰۰۲	2. PLACE SIGNING AND TEMPORARY PAVEMENT DRAWINGS.		IESE PLANS AND STANDARD
	 ADJUST TRAFFIC SIGNAL HEADS TO MEET M MOVE TRAFFIC TO INSIDE LANES AND CONS 	STRUCT OUTSIDE LANES, LOON	IS, CURB & GUTTER, PATH,
	RAMPS, DITCHES AND DRAINAGE STRUCTUR 5. INSTALL NEW STRAIN POLES, LOOPS, AND S	SIGNALS. REMOVE SIGNALS NO	
	6. MOVE TRAFFIC TO COMPLETED OUTSIDE LA AND MEDIAN.		
	7. PLACE SURFACE COURSE THROUGHOUT PHA SIGNS, RESTORATION OF SITE.	SE 3, PERMANENT PAVEMENT	MARKINGS, PERMANENT
	*FRANKLIN MIDDLE SCHOOL & ELEMENTARY SCHOOR REQUIRED TO BE PAST THIS LOCATION BEFORE SCH	HOOL STARTS IN FALL OF 2023	
	<u>P</u>	HASE 4 s ⁻	TA 1154+87 TO 1220+00
	1. PLACE SIGNING AND TEMPORARY PAVEMEN	<pre>kpected Timing: March 2 IT MARKINGS AS SHOWN ON T</pre>	
	DRAWINGS. 2. ADJUST TRAFFIC SIGNAL HEADS TO MEET N 3. MOVE TRAFFIC TO INSIDE LANES AND CON	STRUCT OUTSIDE LANES, LOO	NS, CURB & GUTTER, PATH,
<u></u>	 RAMPS, DITCHES AND DRAINAGE STRUCTU 4. INSTALL NEW STRAIN POLES, LOOPS, AND 5. MOVE TRAFFIC TO COMPLETED OUTSIDE LA 	SIGNALS. REMOVE SIGNALS N	-
	AND MEDIAN. 6. PLACE SURFACE COURSE THROUGHOUT PH. SIGNS, RESTORATION OF SITE.	ASE 4, PERMANENT PAVEMENT	MARKINGS, PERMANENT
	DI	HASE 5 ST	A 1220+00 TO 1292+00
_			
290+00	1. PLACE SIGNING AND TEMPORARY PAVEMEN	xpected Timing: August	
1290	DRAWINGS. 2. ADJUST TRAFFIC SIGNAL HEADS TO MEET I 3. MOVE TRAFFIC TO INSIDE LANES AND CON		
	RAMPS, DITCHES AND DRAINAGE STRUCTU	RES.	
	 INSTALL NEW STRAIN POLES, LOOPS, AND MOVE TRAFFIC TO COMPLETED OUTSIDE LA 		-
¢ ¢	 AND MEDIAN. 6. PLACE SURFACE COURSE THROUGHOUT PH SIGNS, RESTORATION OF SITE. 	ASE 5, PERMANENT PAVEMENT	MARKINGS, PERMANENT
		HASE 6 ST xpected Timing: March 2	TA 1292+00 TO 1341+40
	1. PLACE SIGNING AND TEMPORARY PAVEMEN	<u> </u>	0
	DRAWINGS. 2. ADJUST TRAFFIC SIGNAL HEADS TO MEET N	MOT SCHEME.	
		STRUCT OUTSIDE LANES, LOO	NS, CURB & GUTTER, PATH,
	 4. INSTALL NEW STRAIN POLES AND SIGNALS. 5. MOVE TRAFFIC TO COMPLETED OUTSIDE LA 	. REMOVE SIGNALS NO LONGE	-
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	INDIANA	HORIZONTAL SCALE	BRIDGE FILE
PART	MENT OF TRANSPORTATION	1"=100' VERTICAL SCALE	DESIGNATION
		N/A	1800082
1AIN	ITENANCE OF TRAFFIC	SURVEY BOOK	SHEETS 11 of 440
CO	NSTRUCTION PHASING	CONTRACT	PROJECT

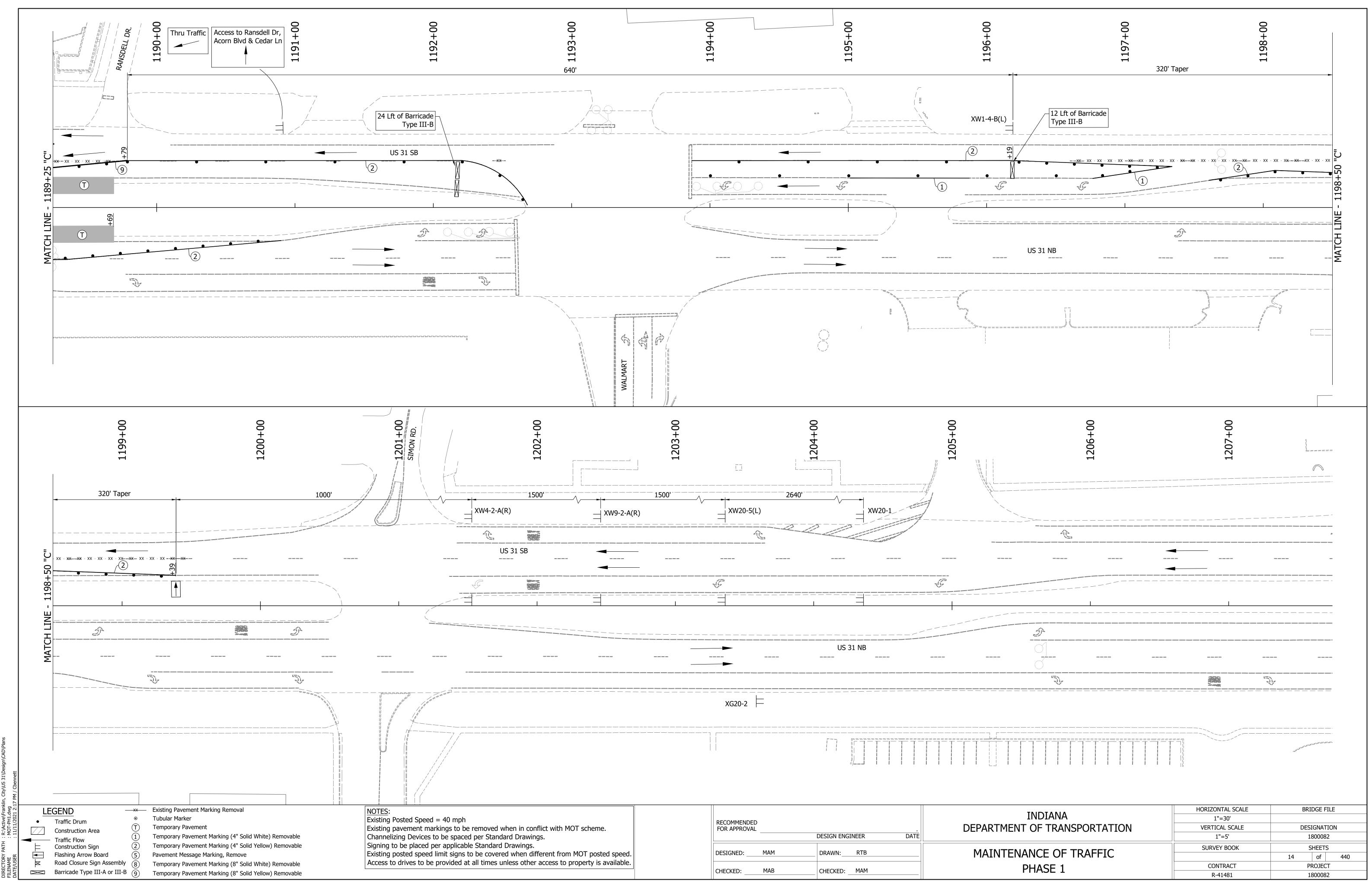
R-41481

1800082

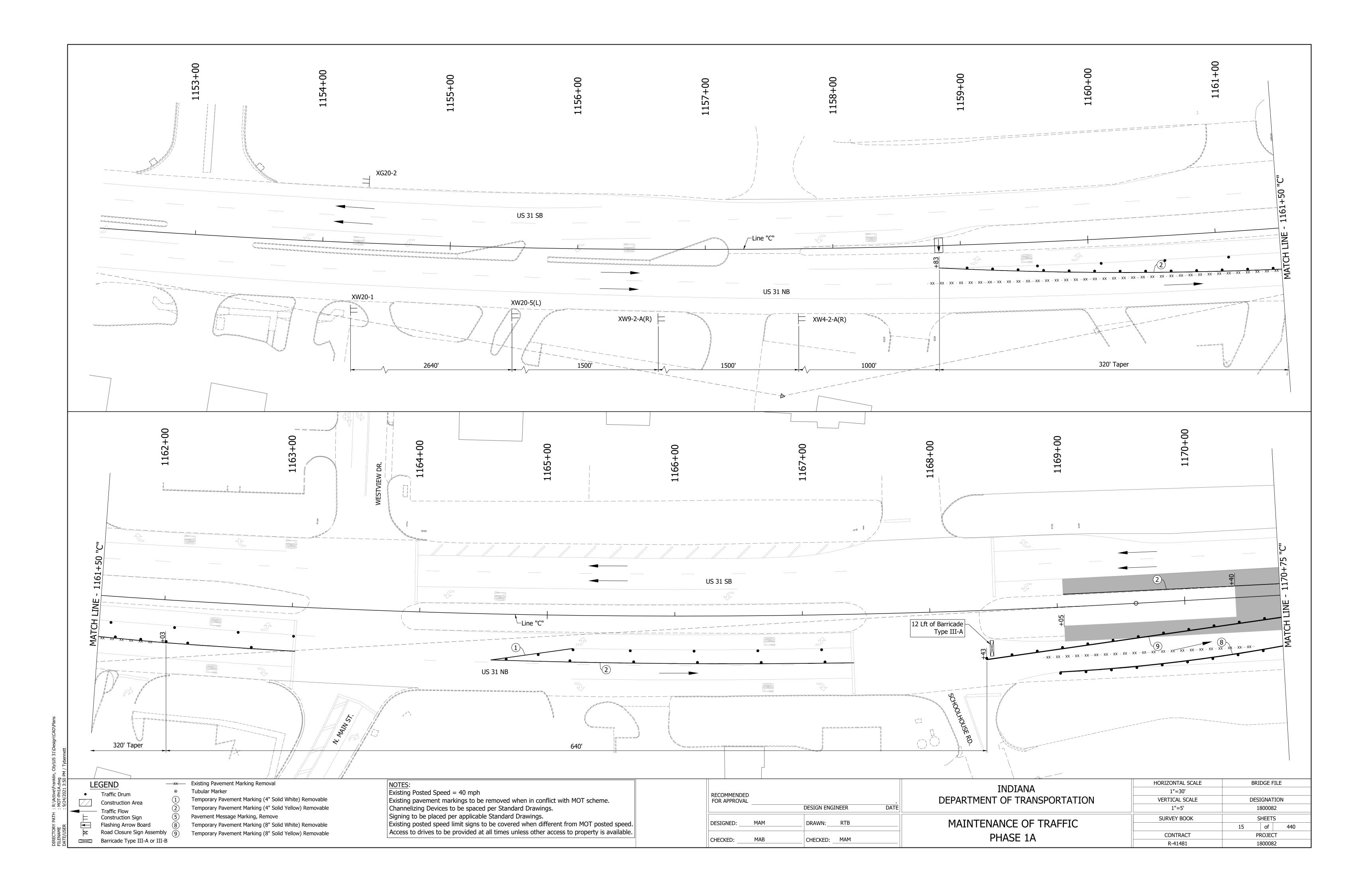


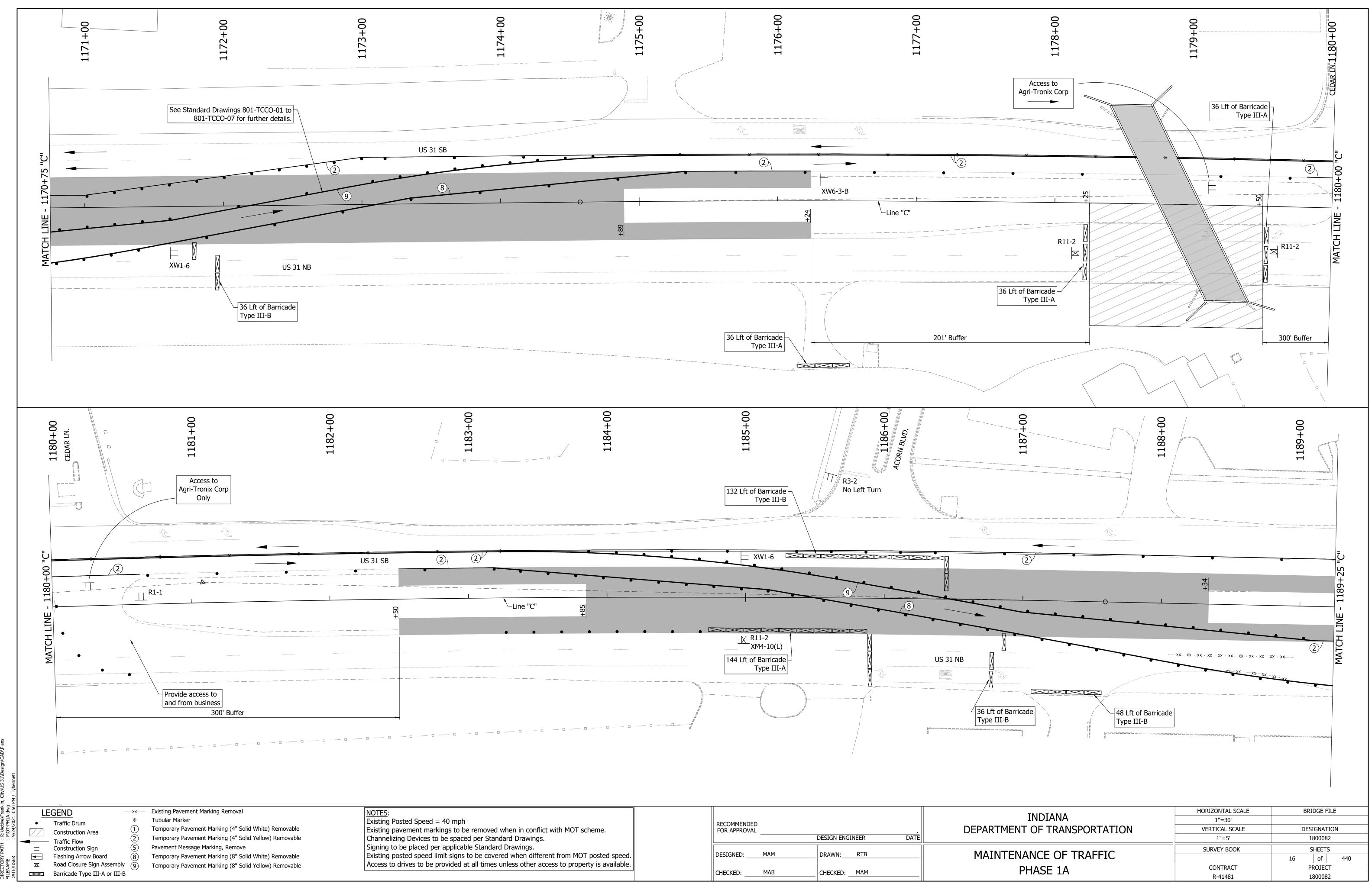


mph s to be removed when in conflict with MOT scheme. spaced per Standard Drawings.	RECOMMENDED FOR APPROVAL	DEF
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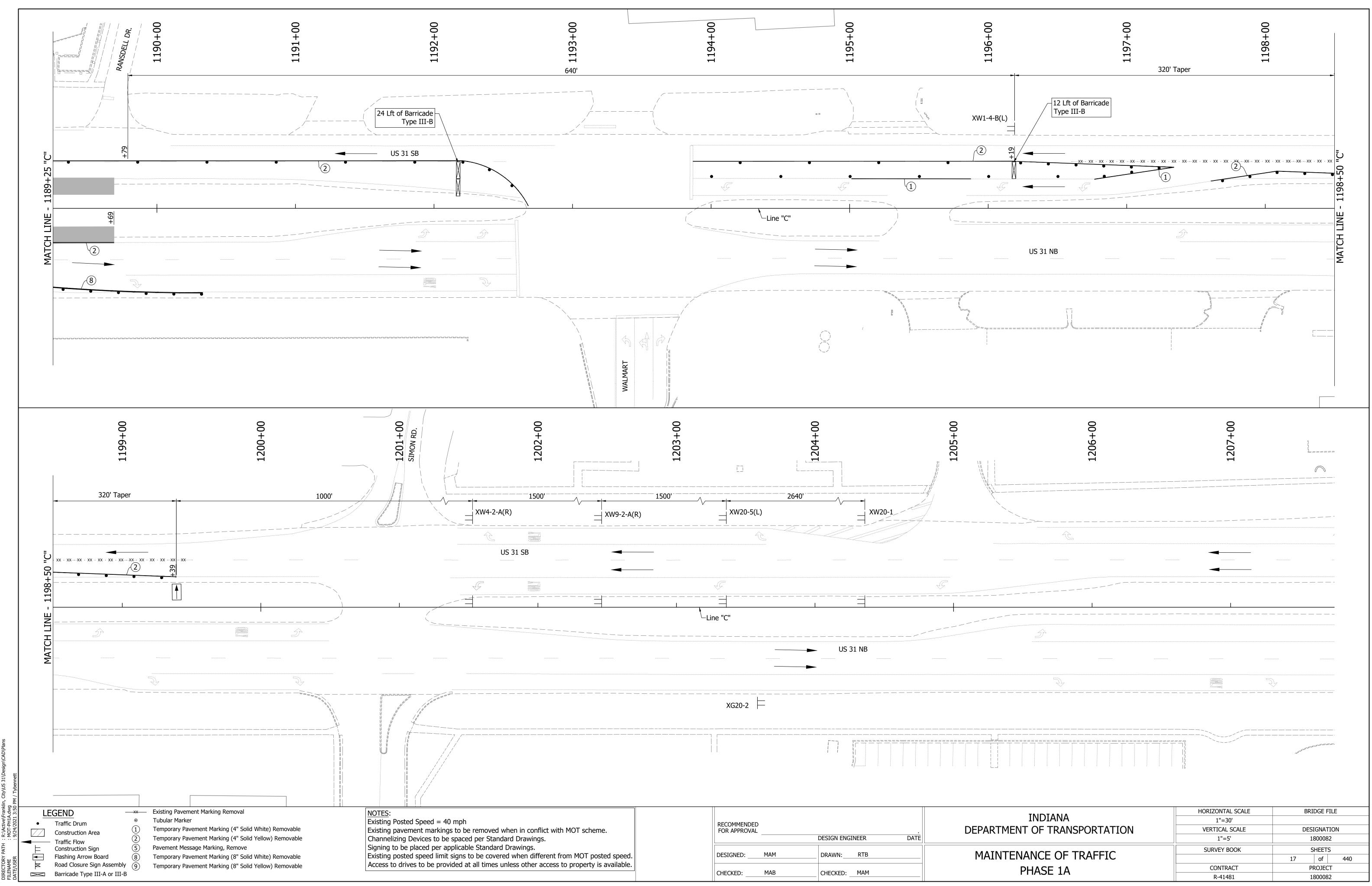


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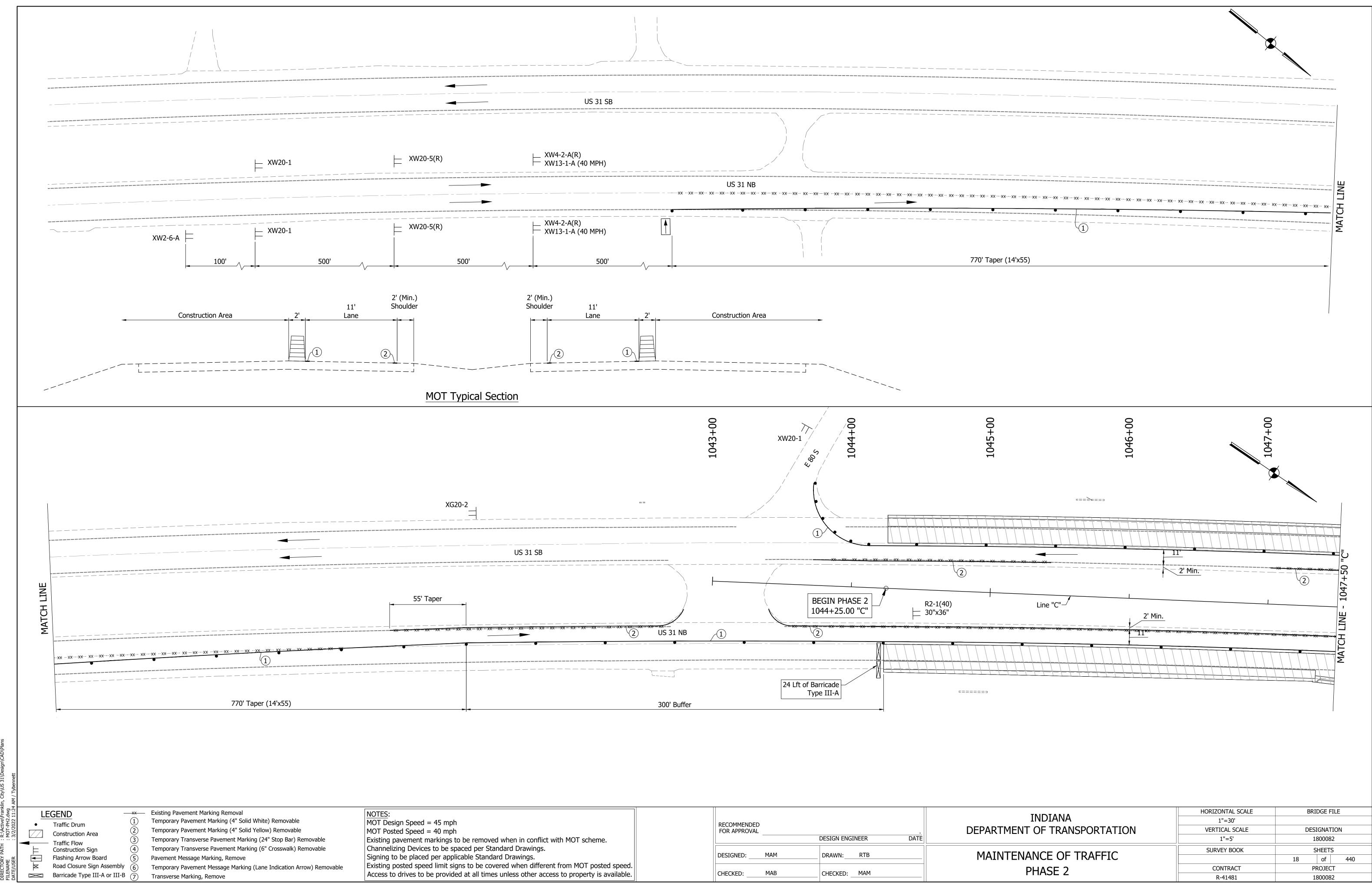




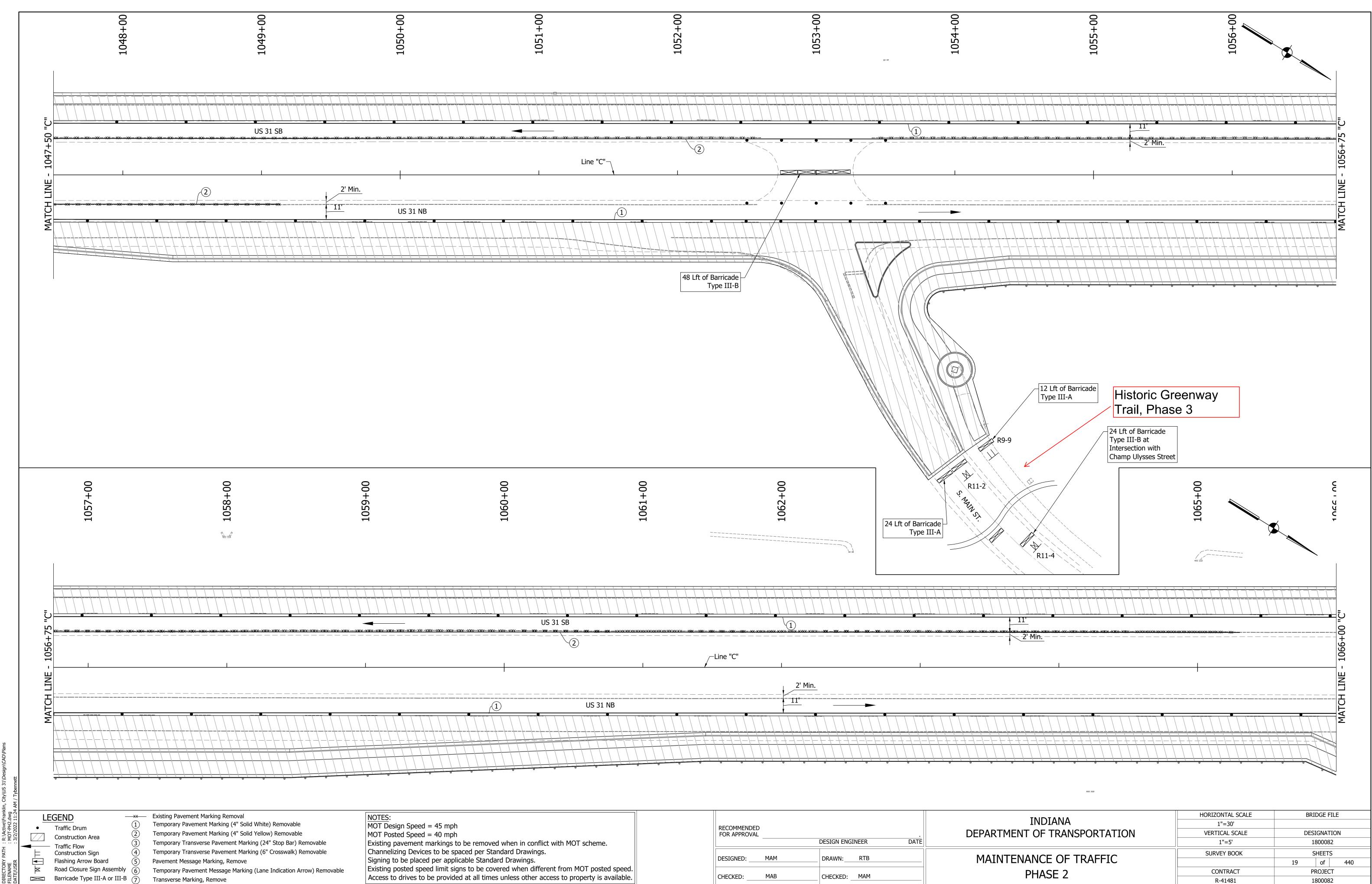
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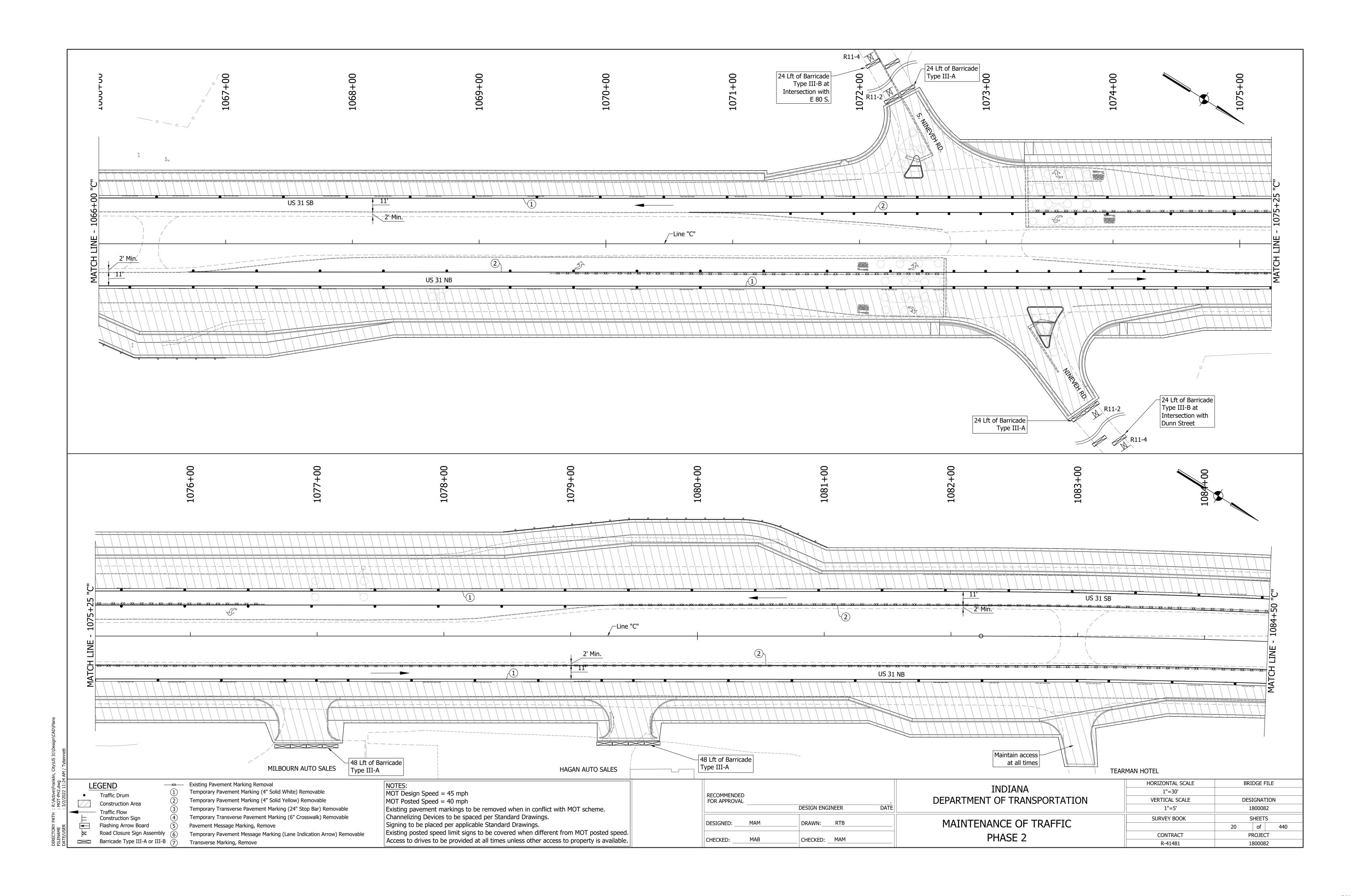
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Instructional Distribution of the property is available. DESIGNED: MAM Instruction of the property is available. CHECKED: MAB	DRAWN: RTB CHECKED: MAM	

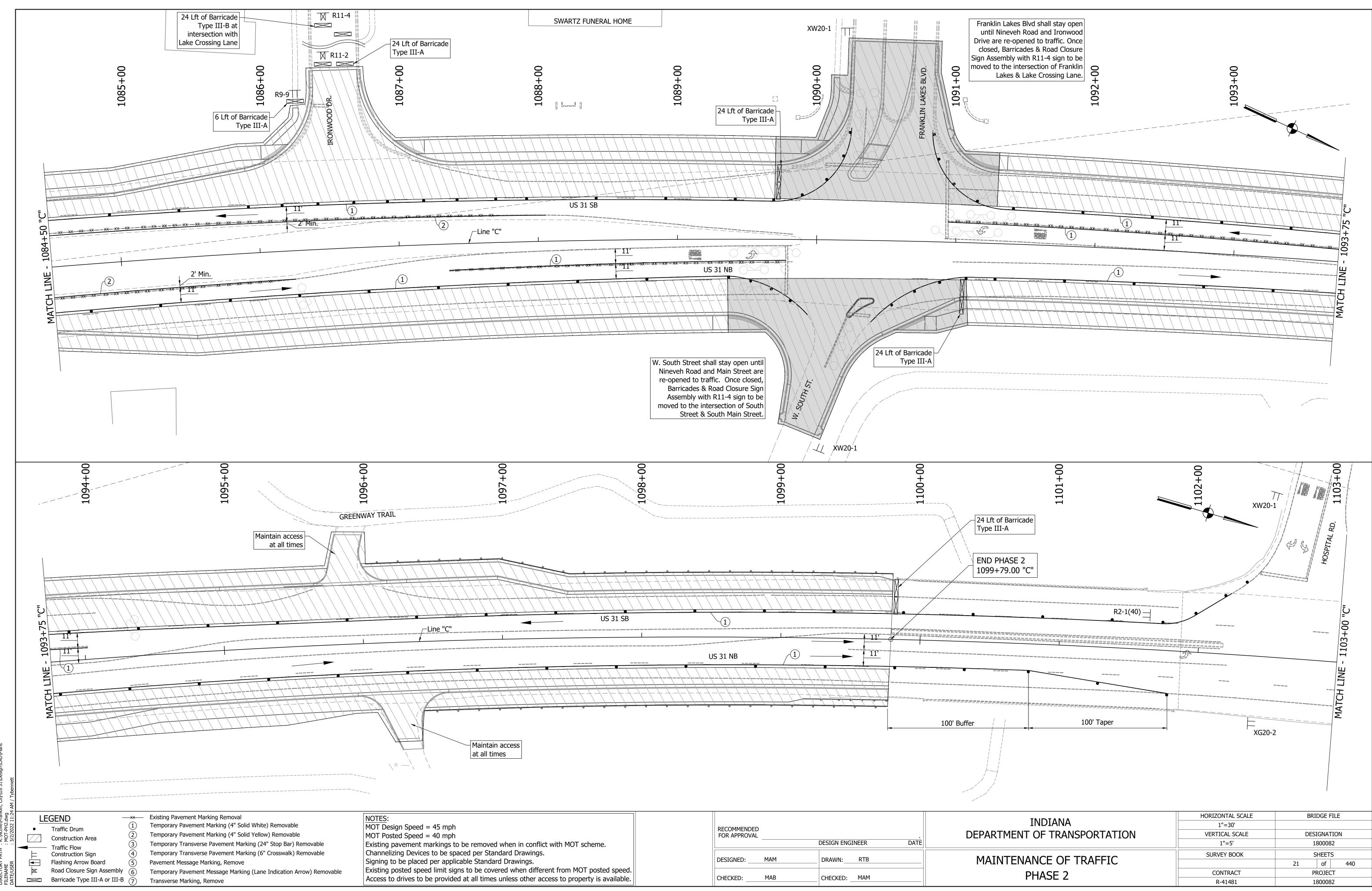


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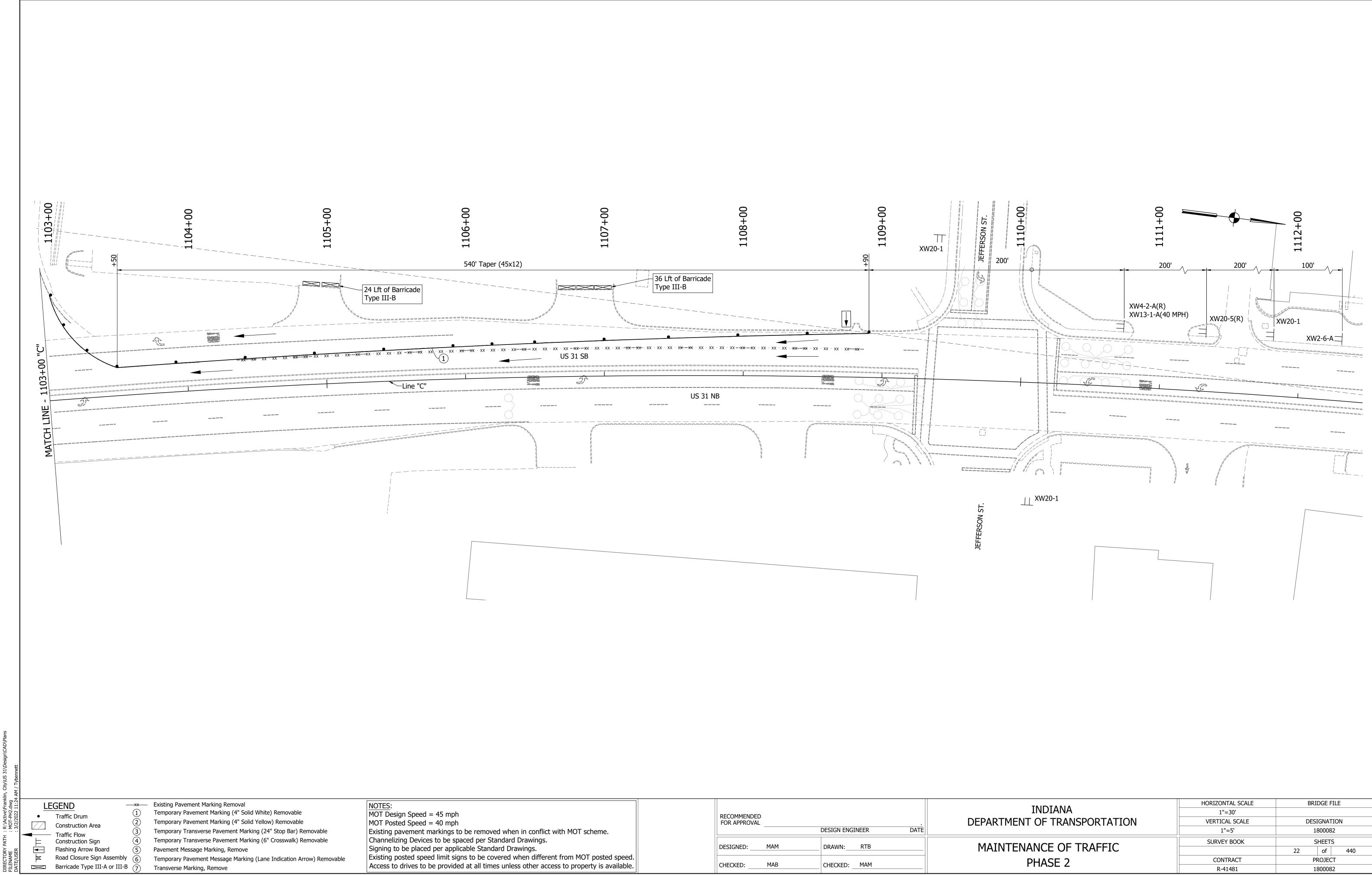


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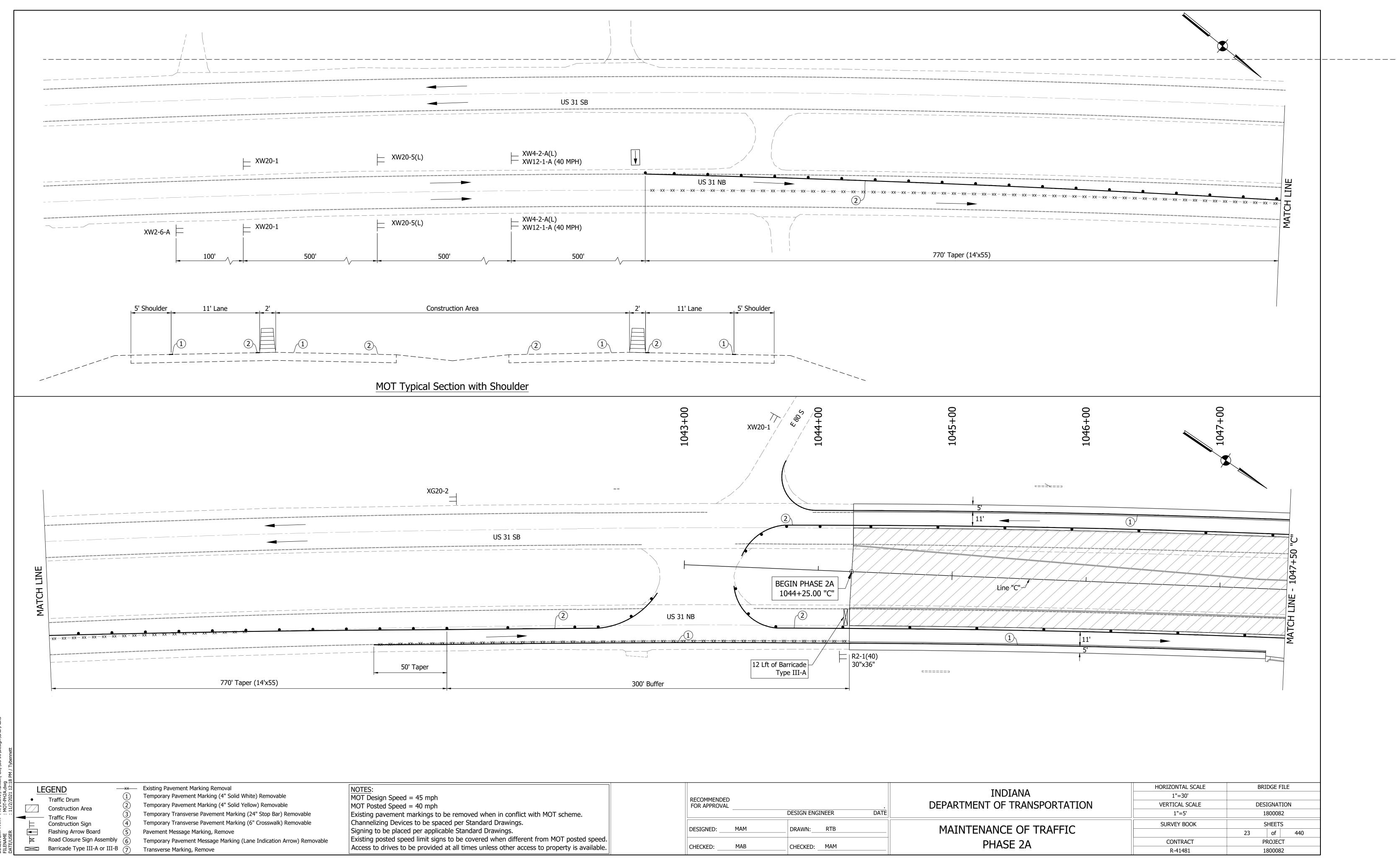




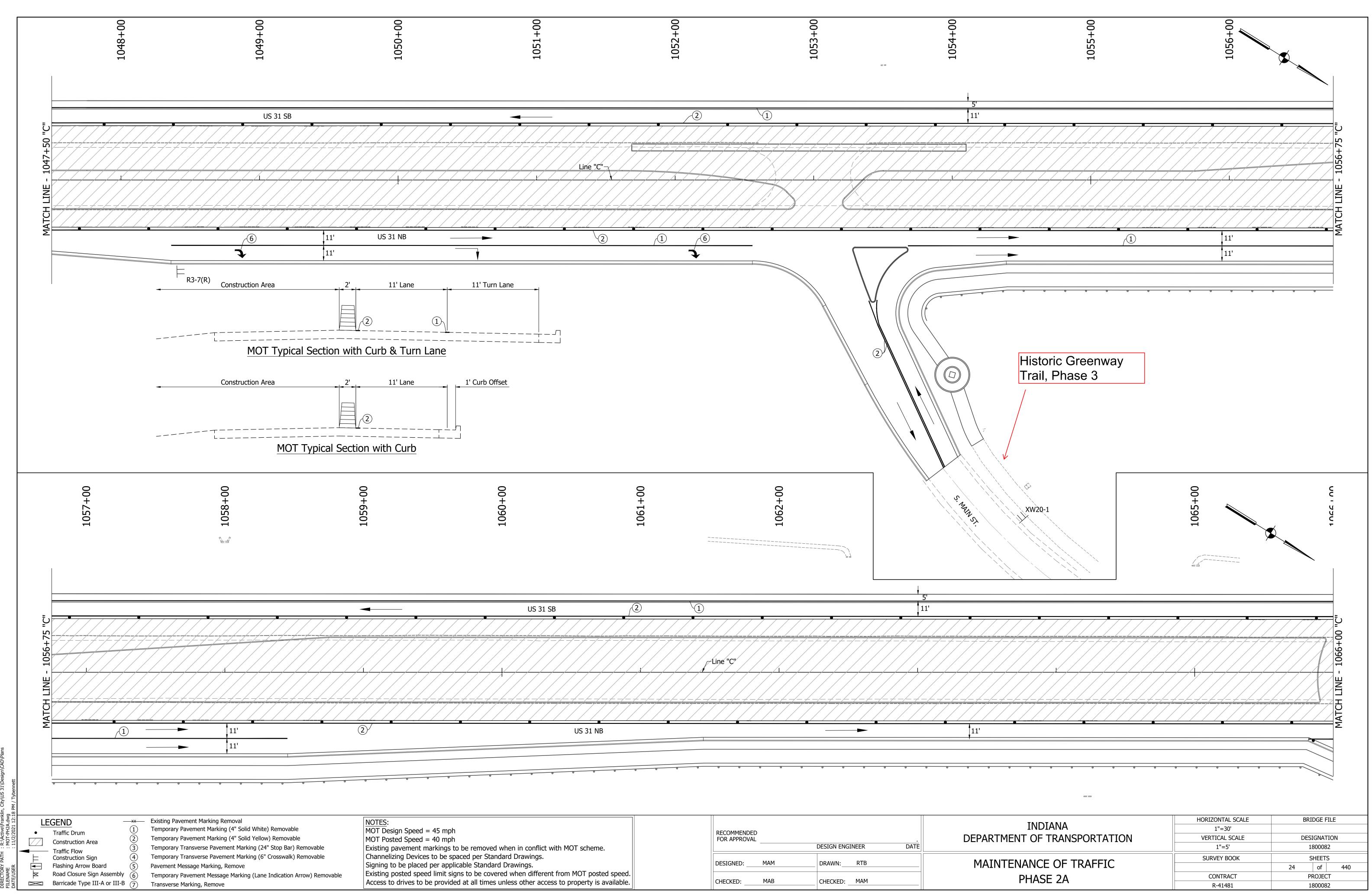
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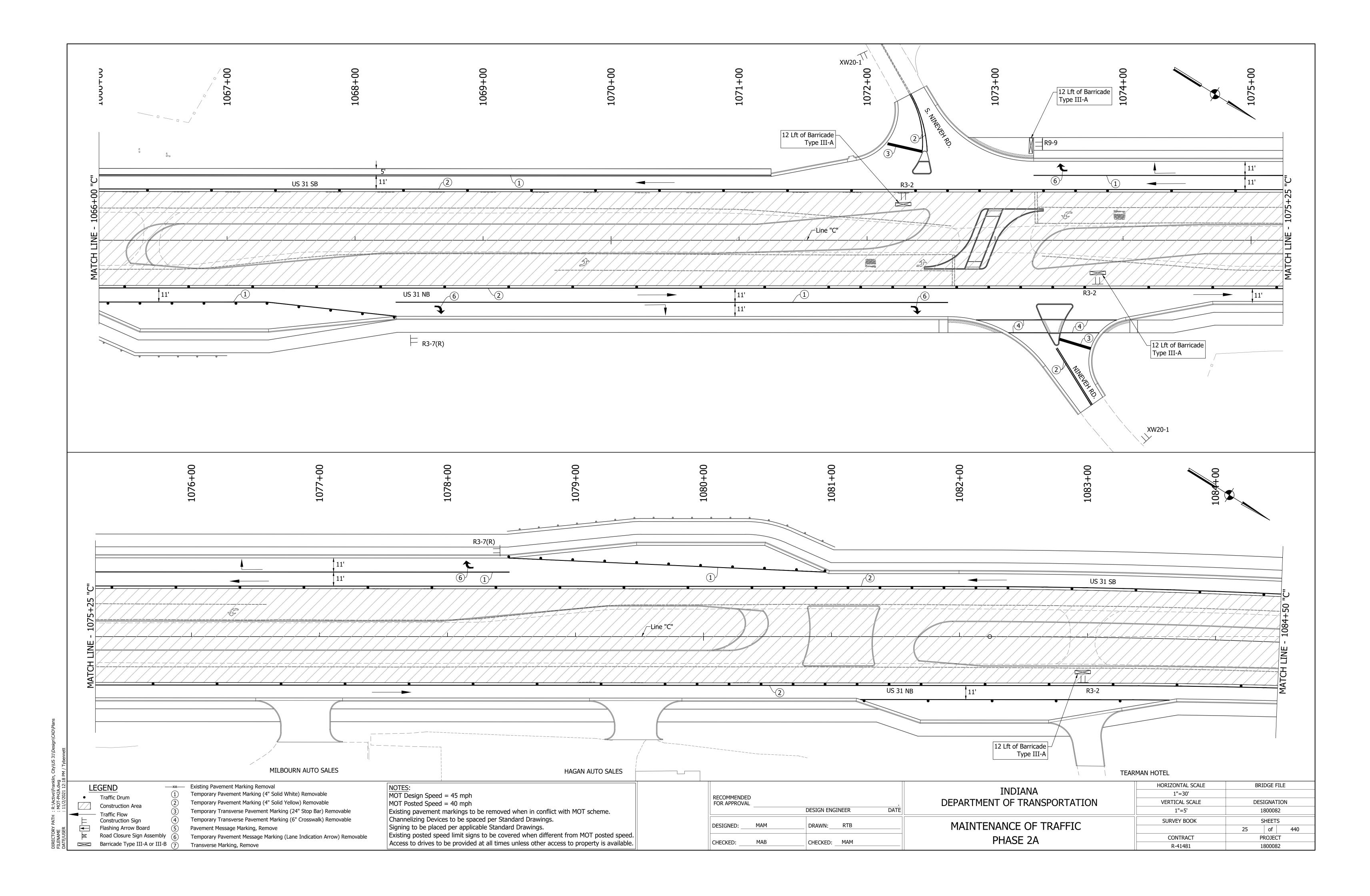
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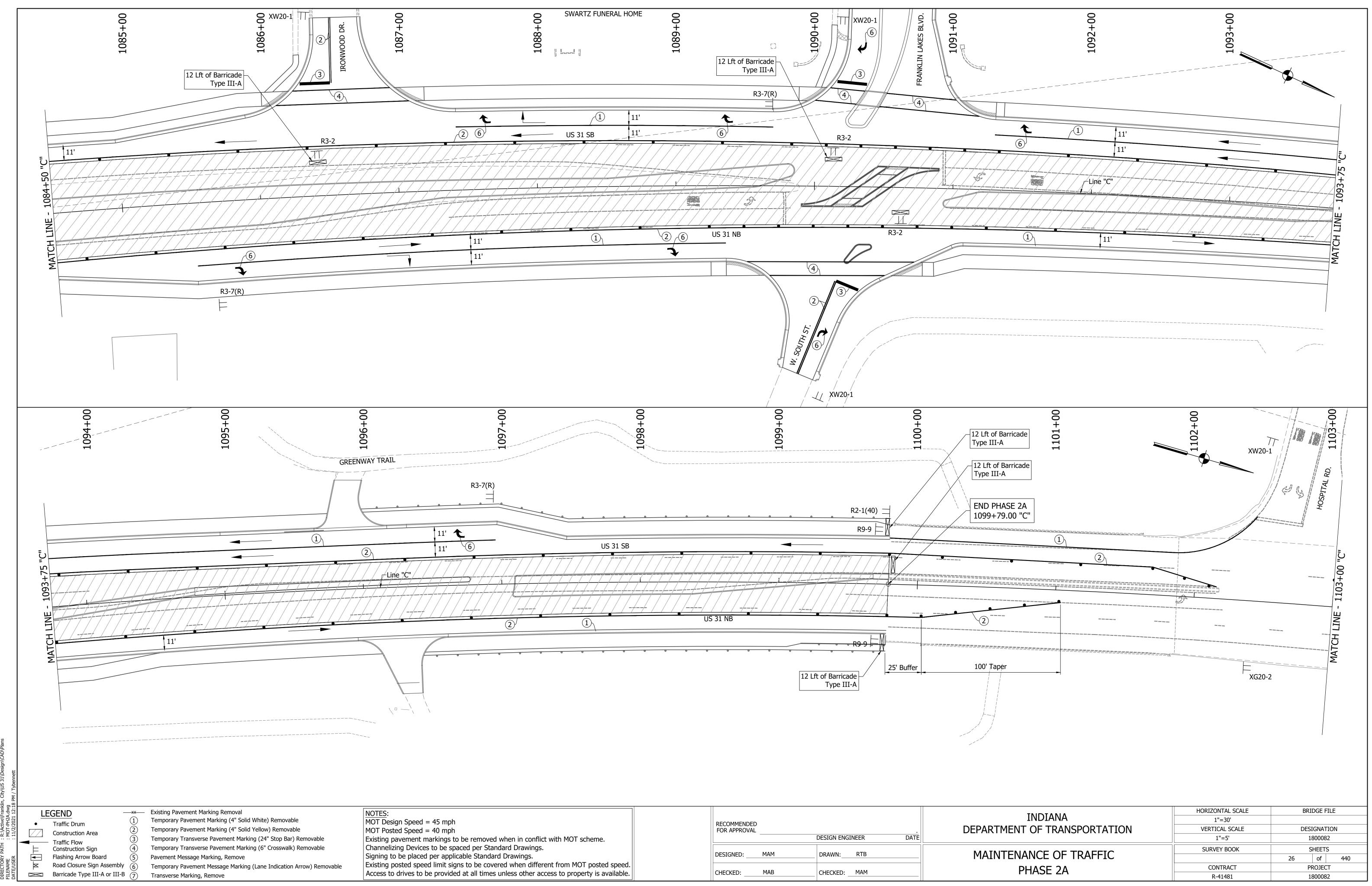


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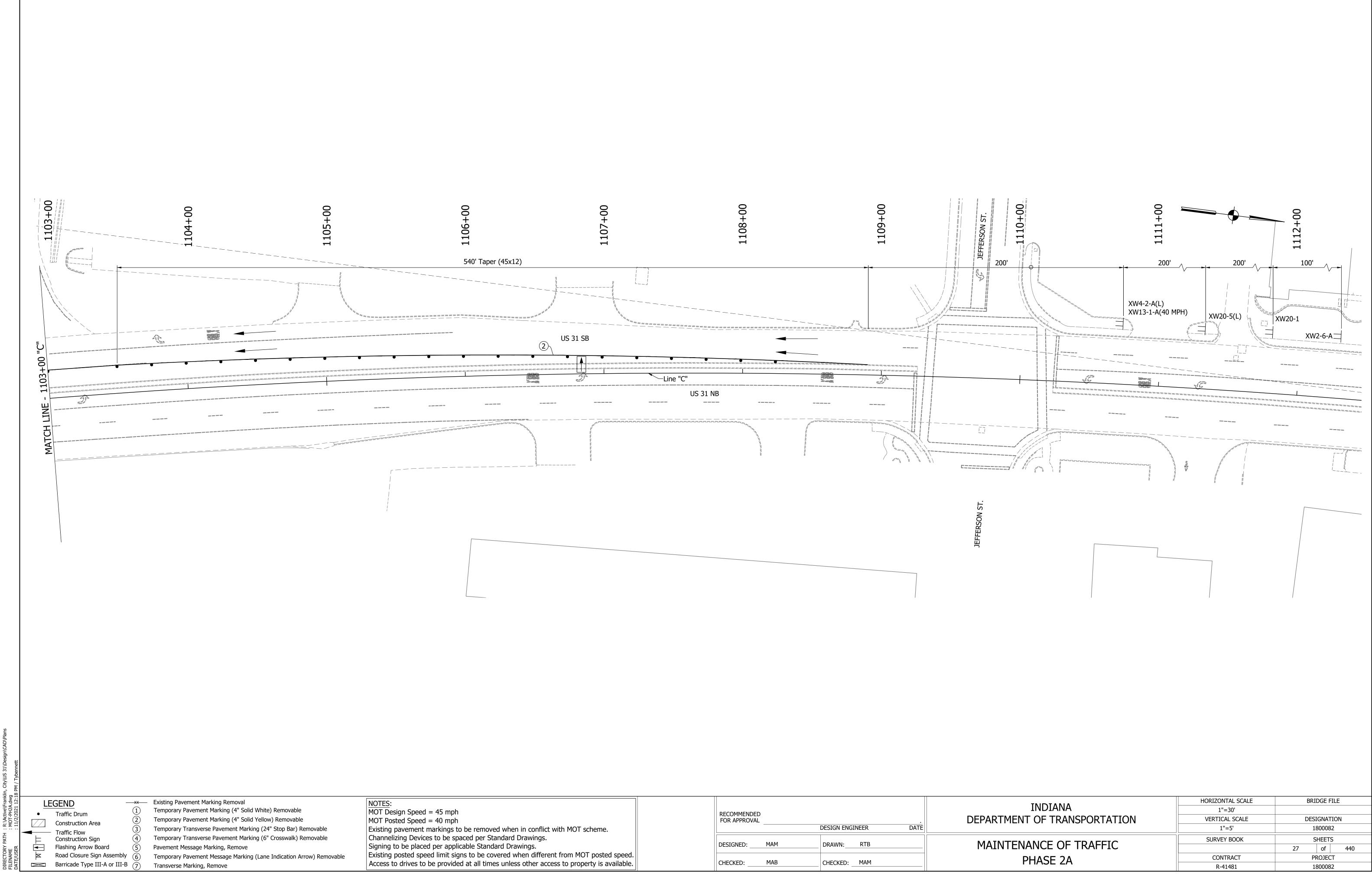


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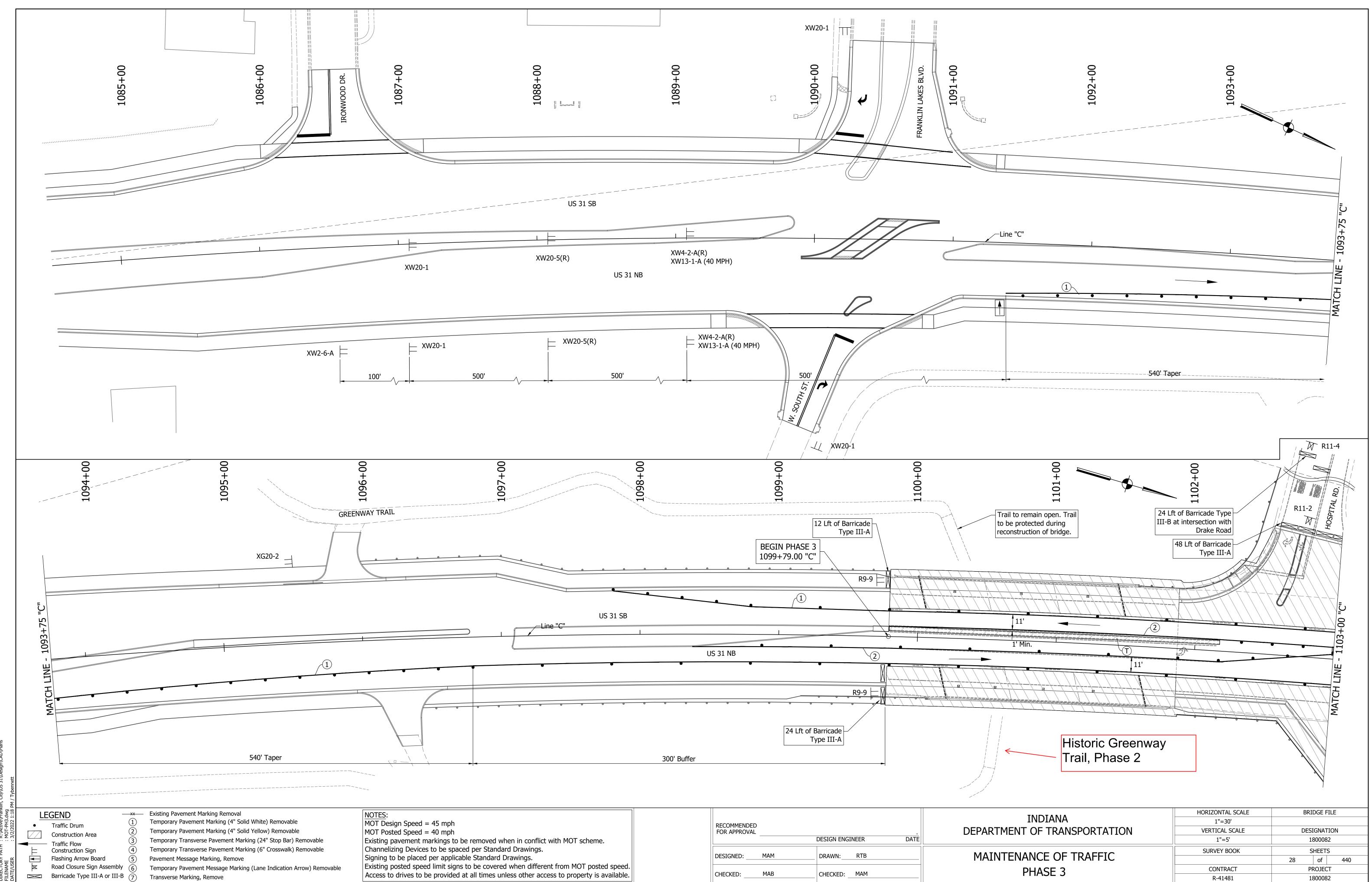




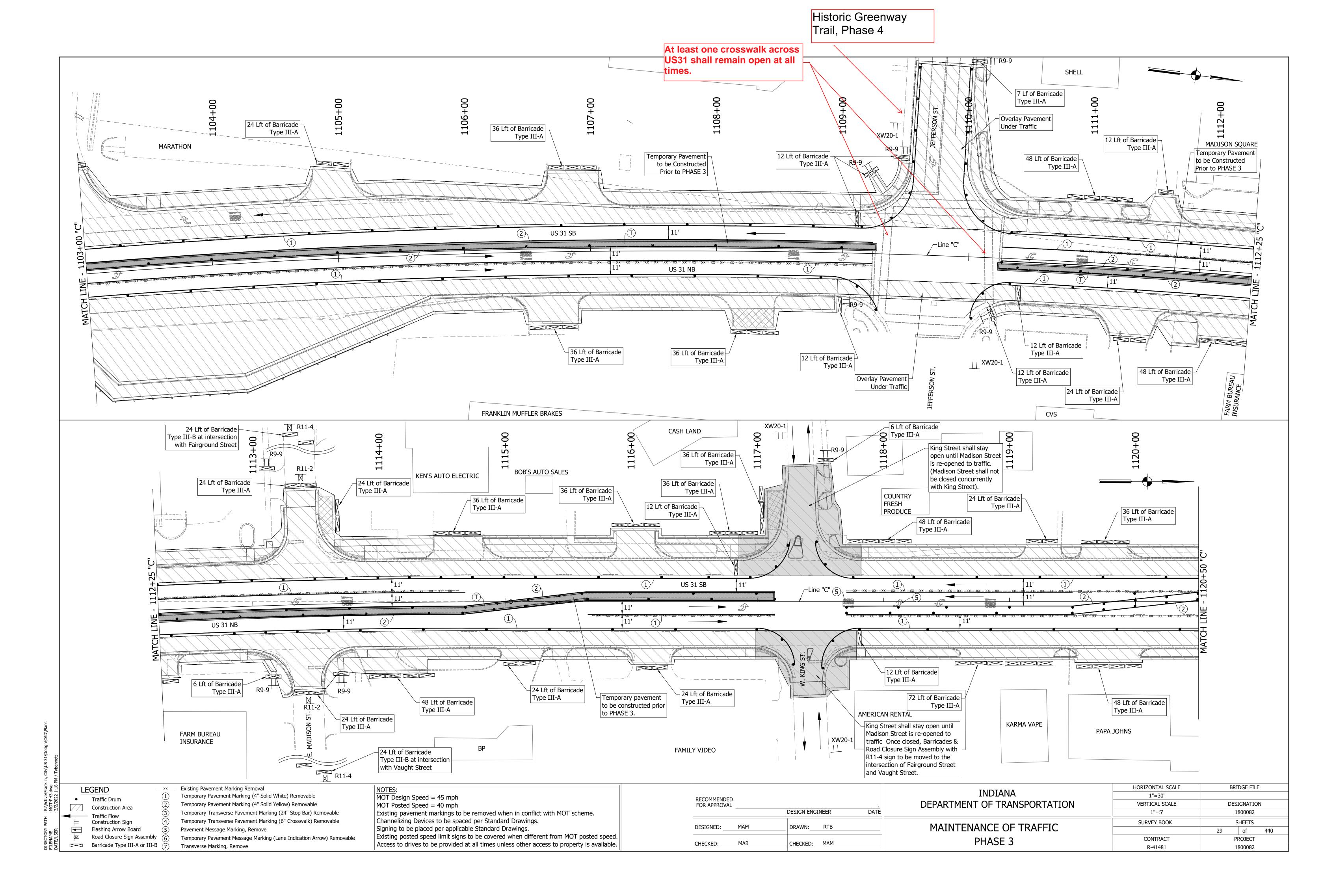
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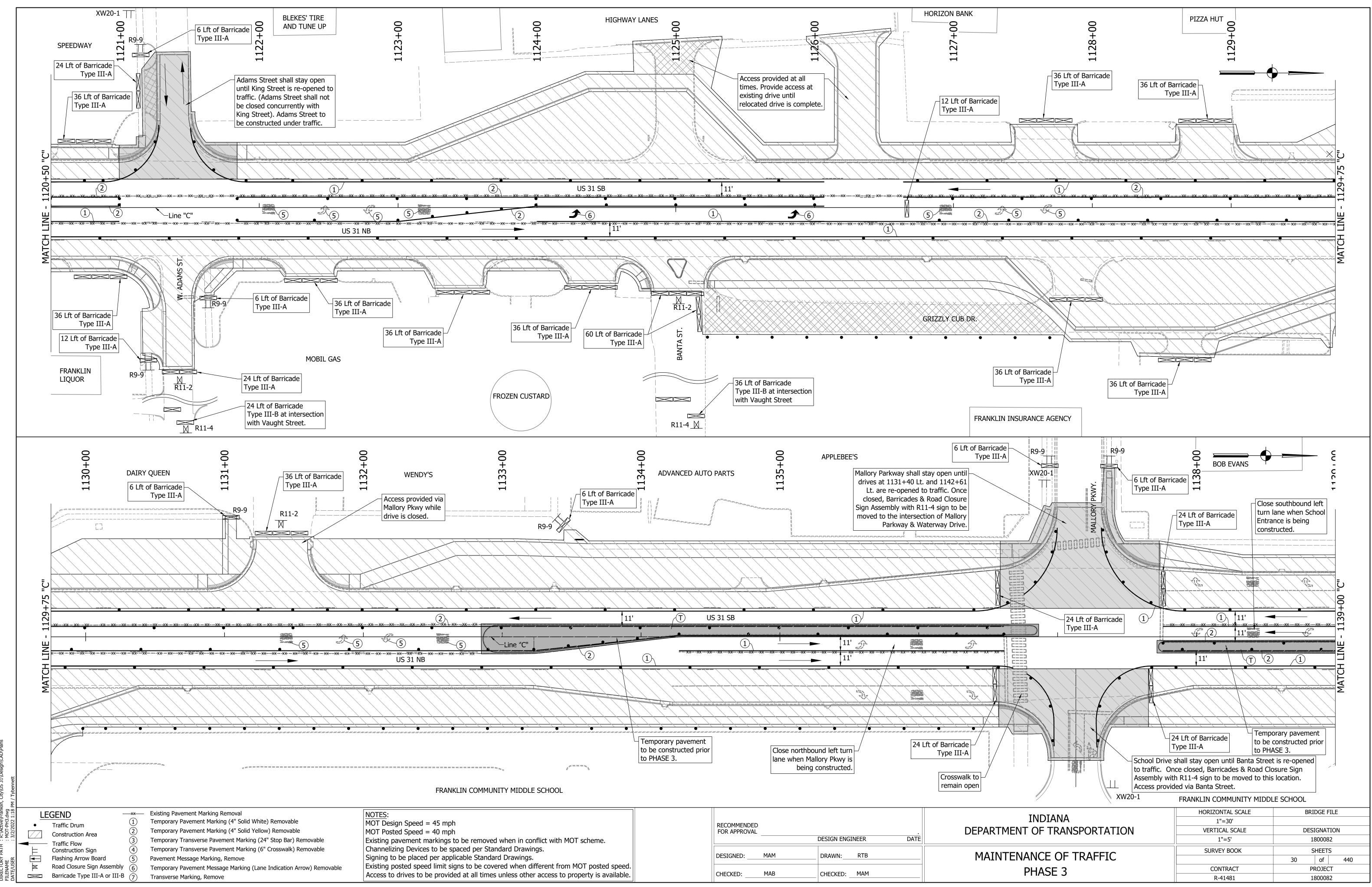


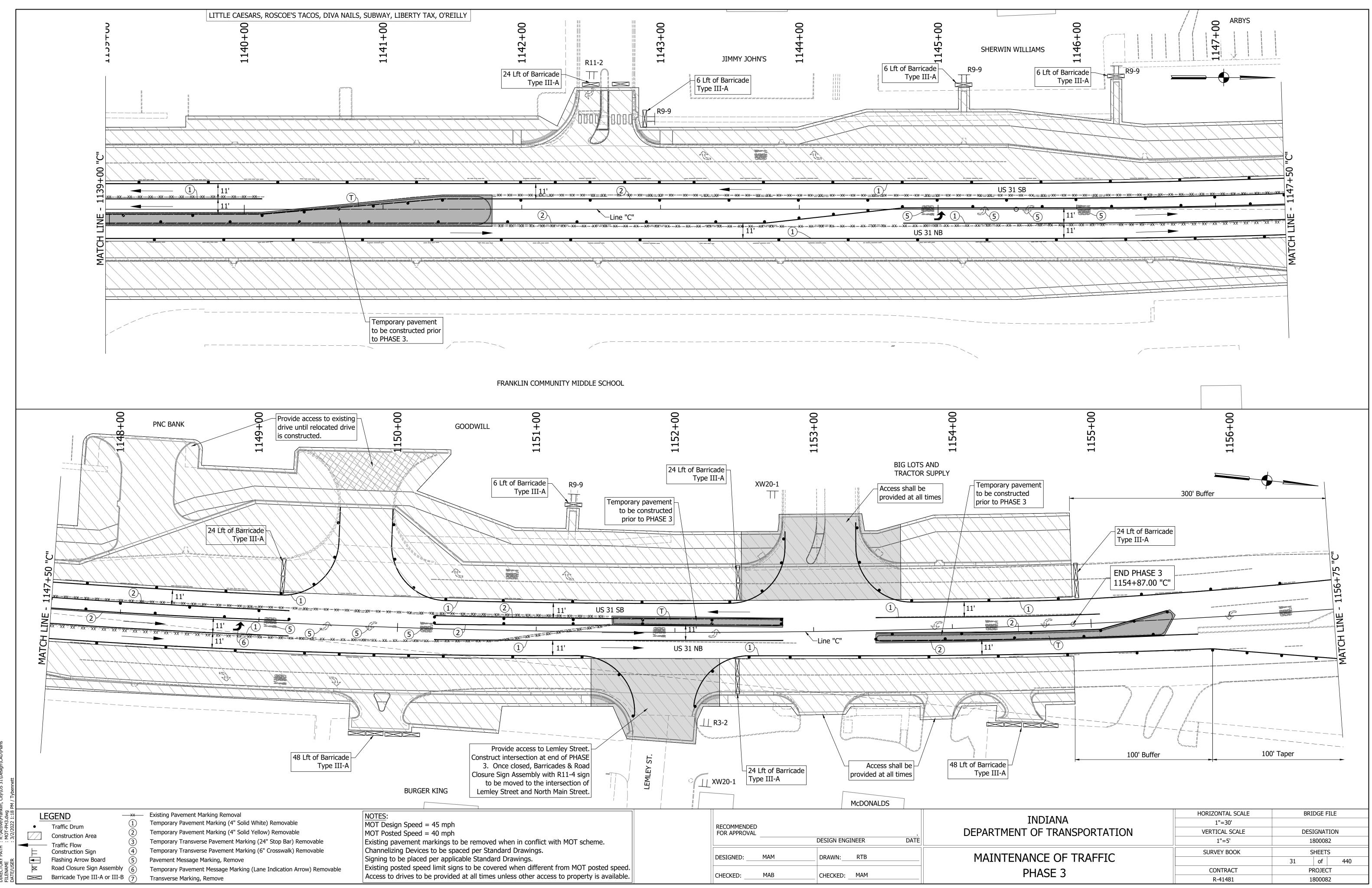
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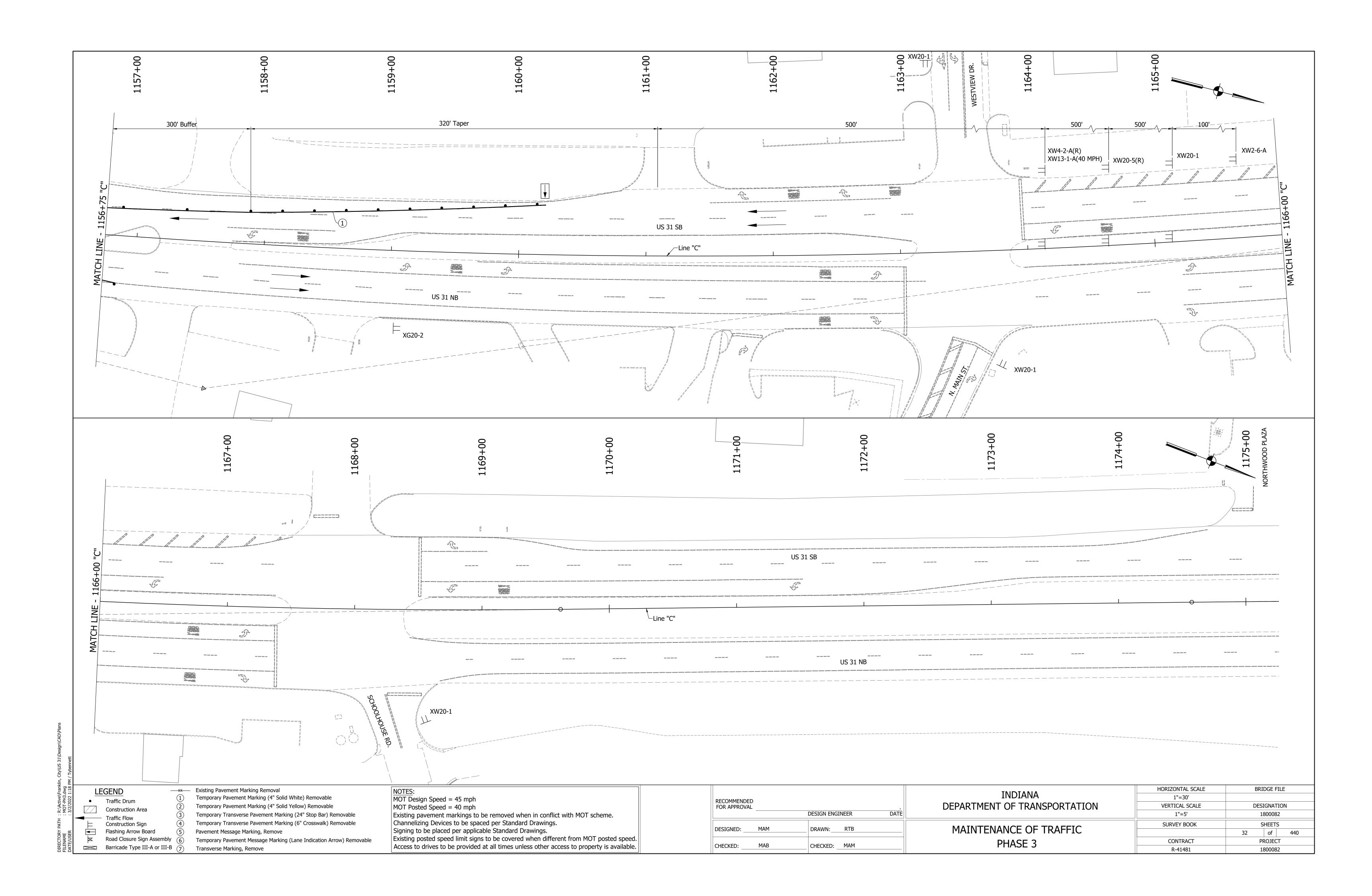


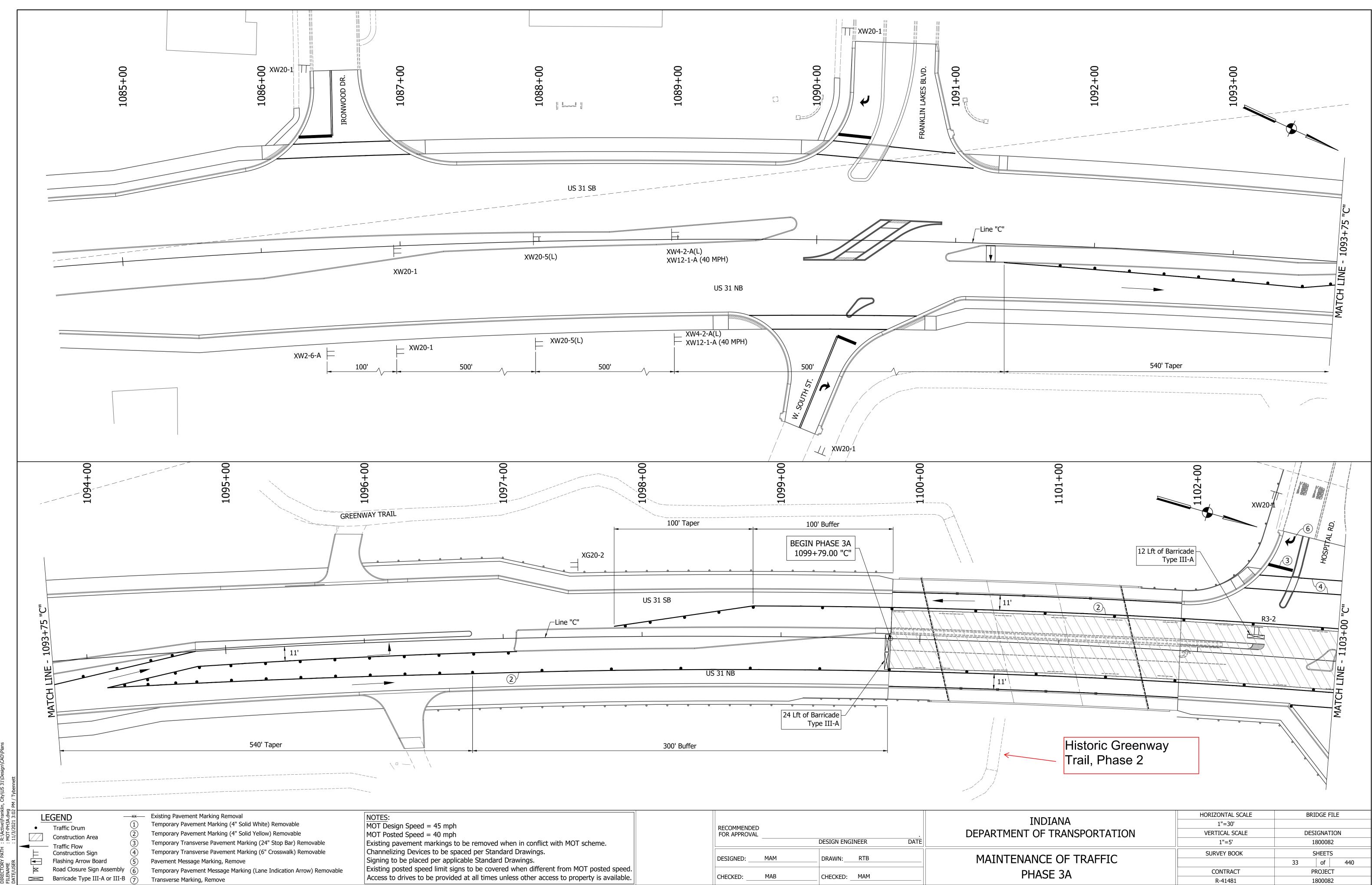
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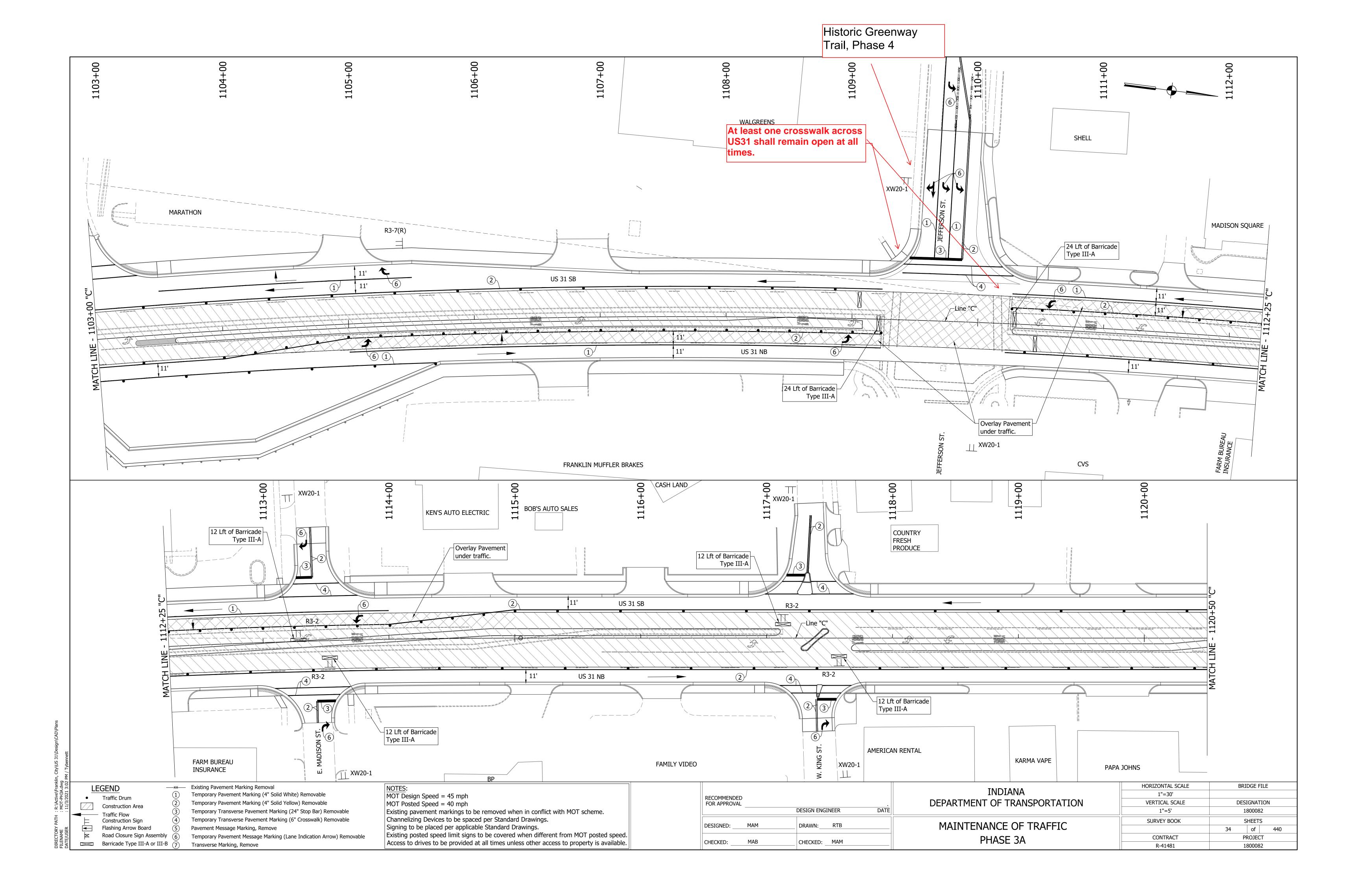


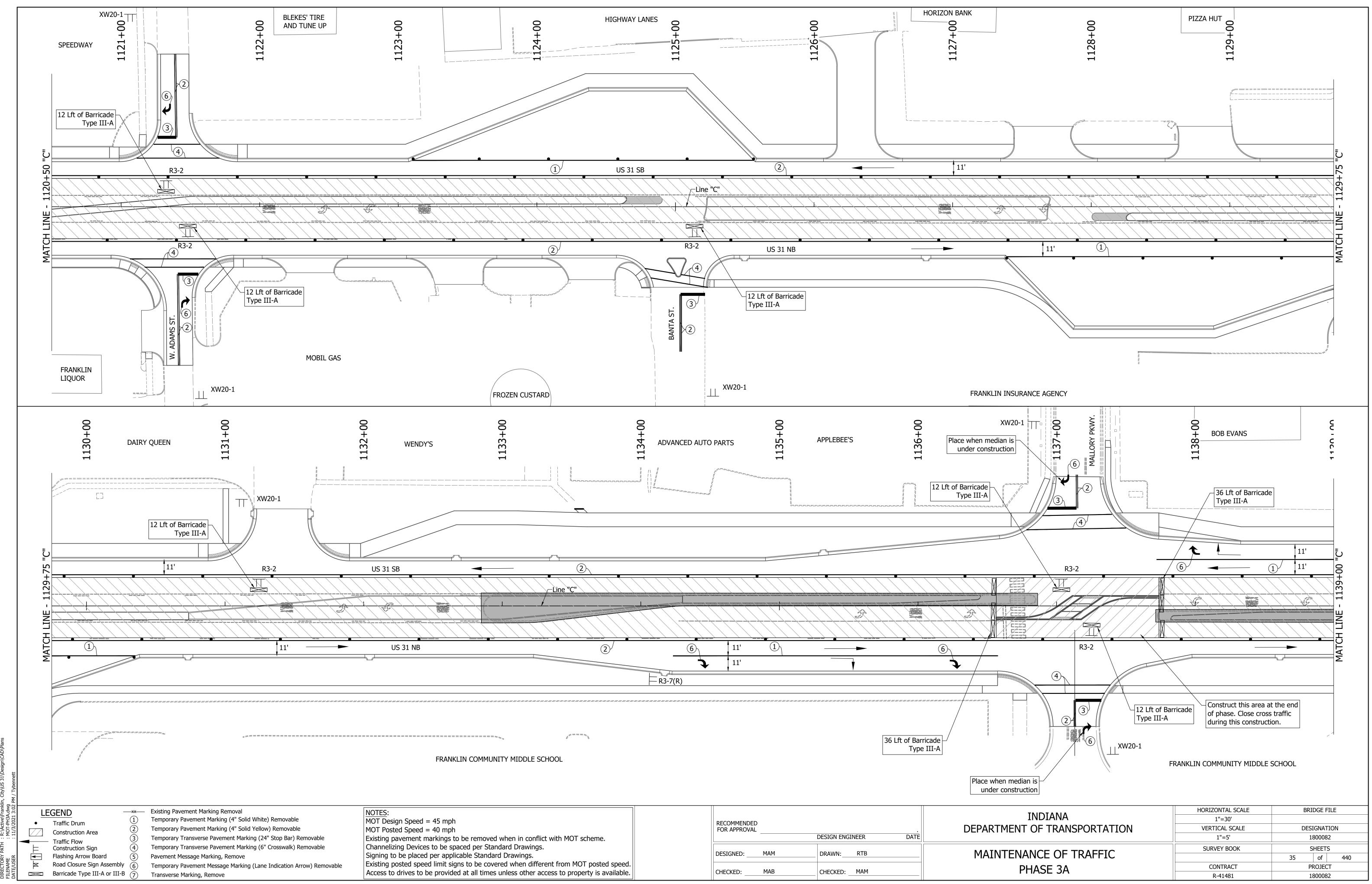




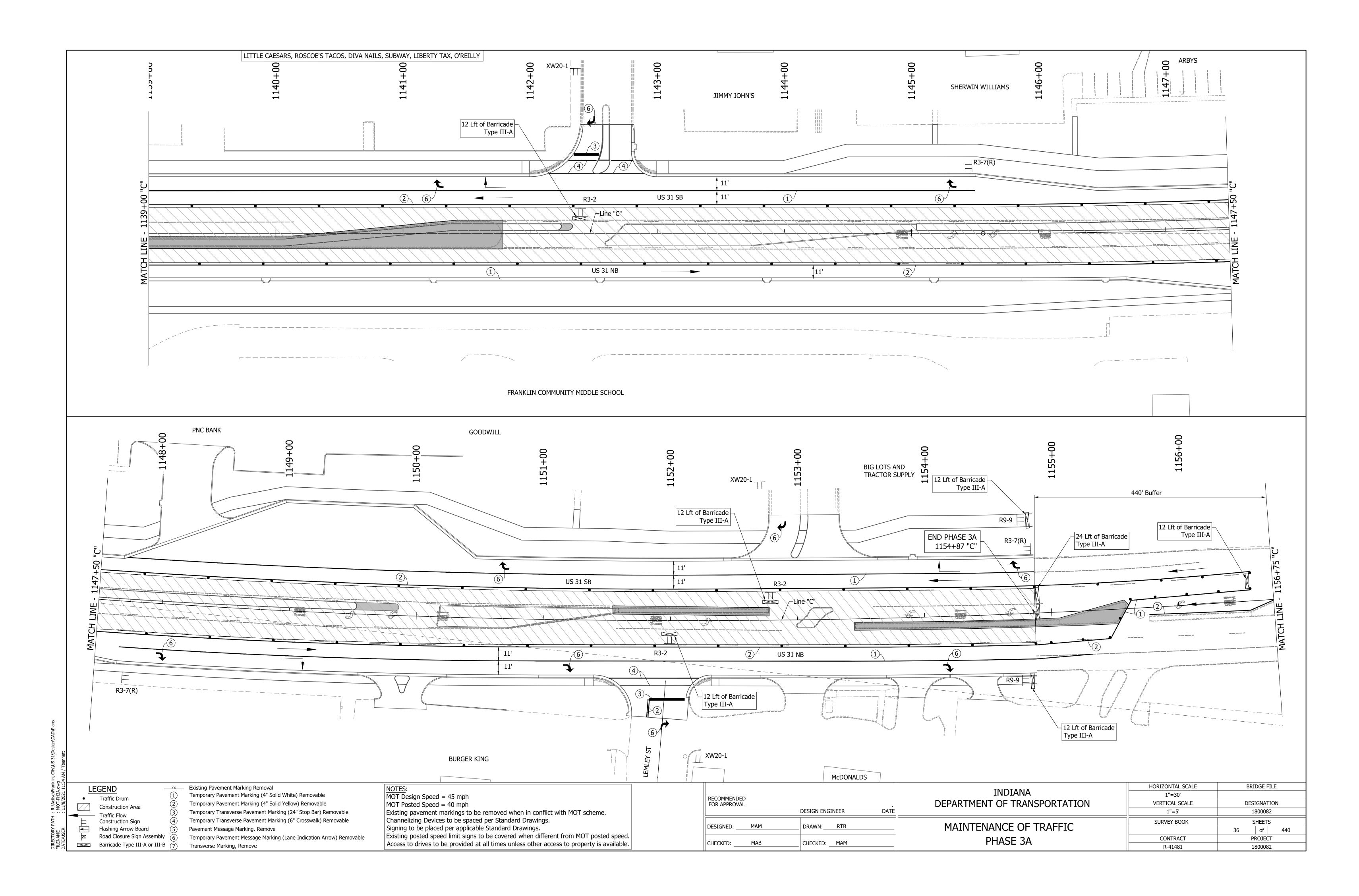


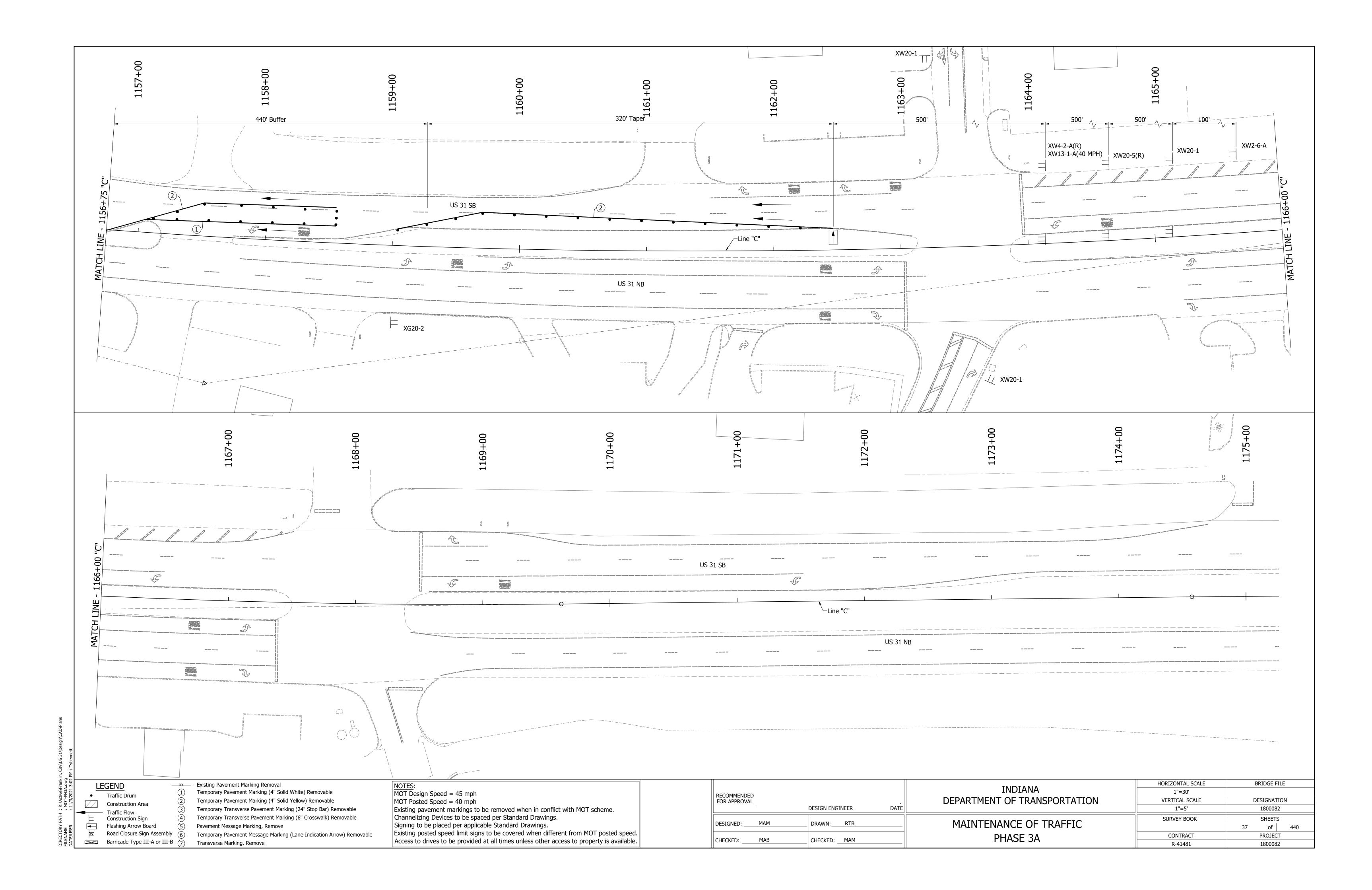
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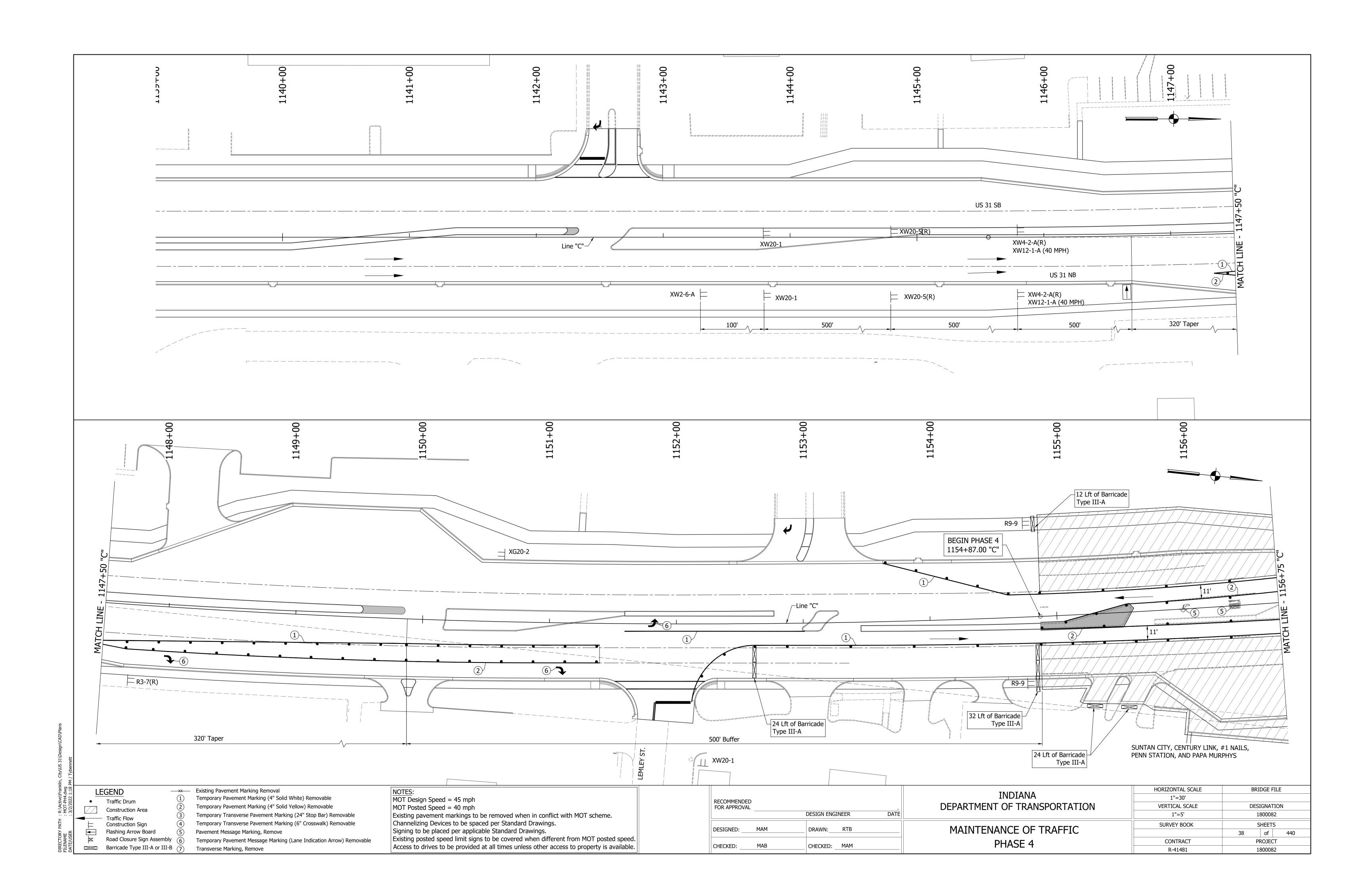


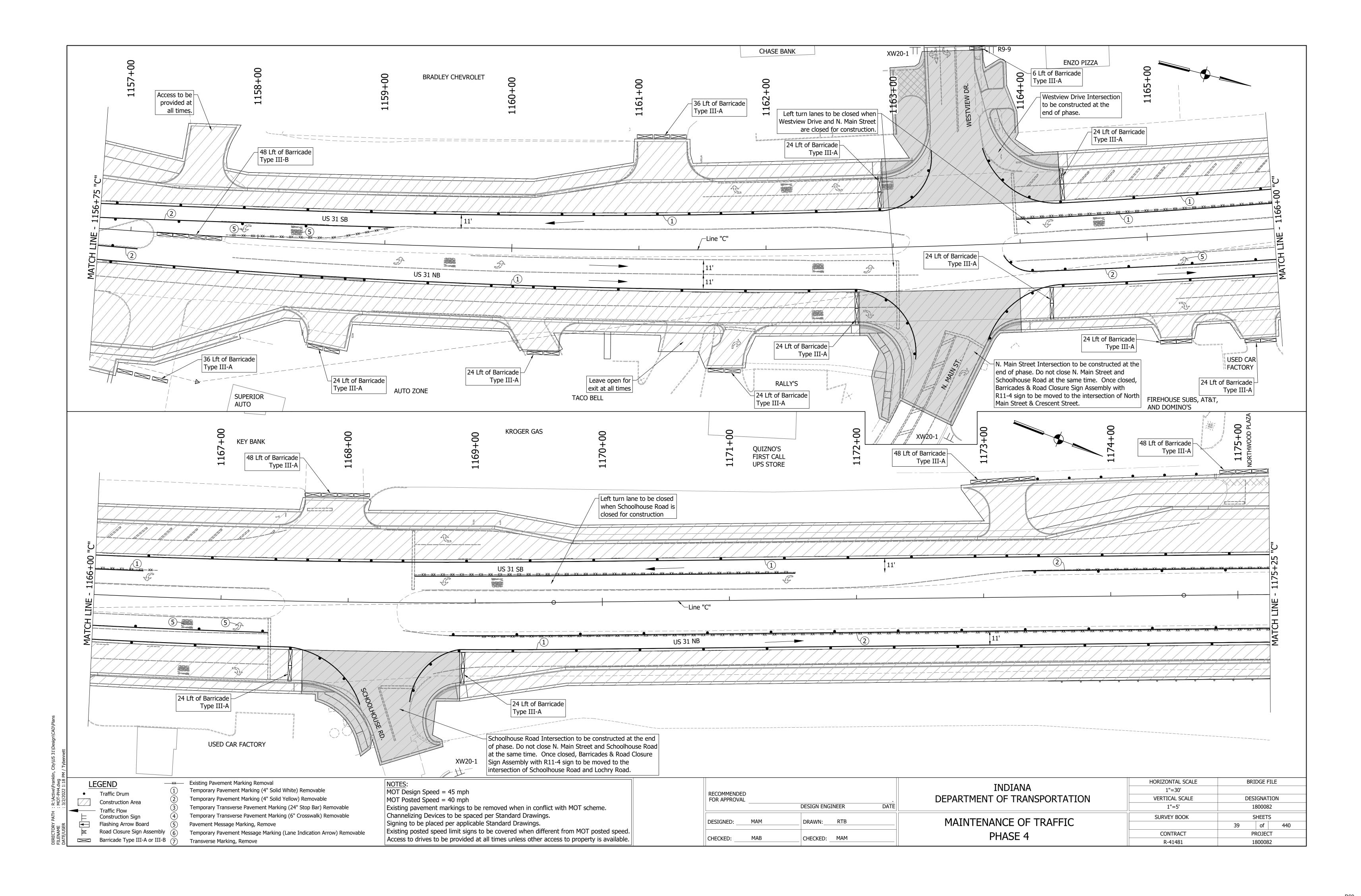


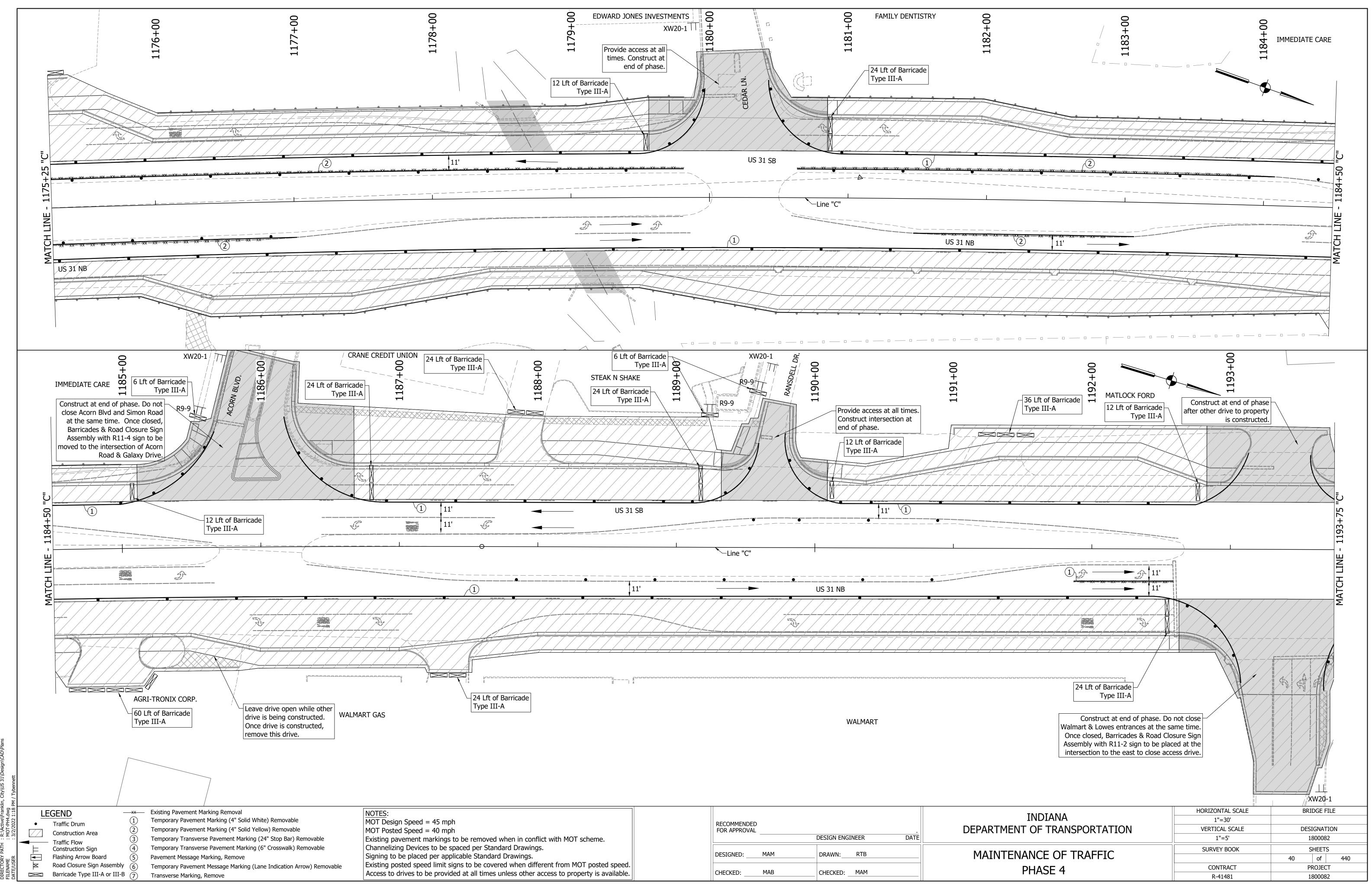
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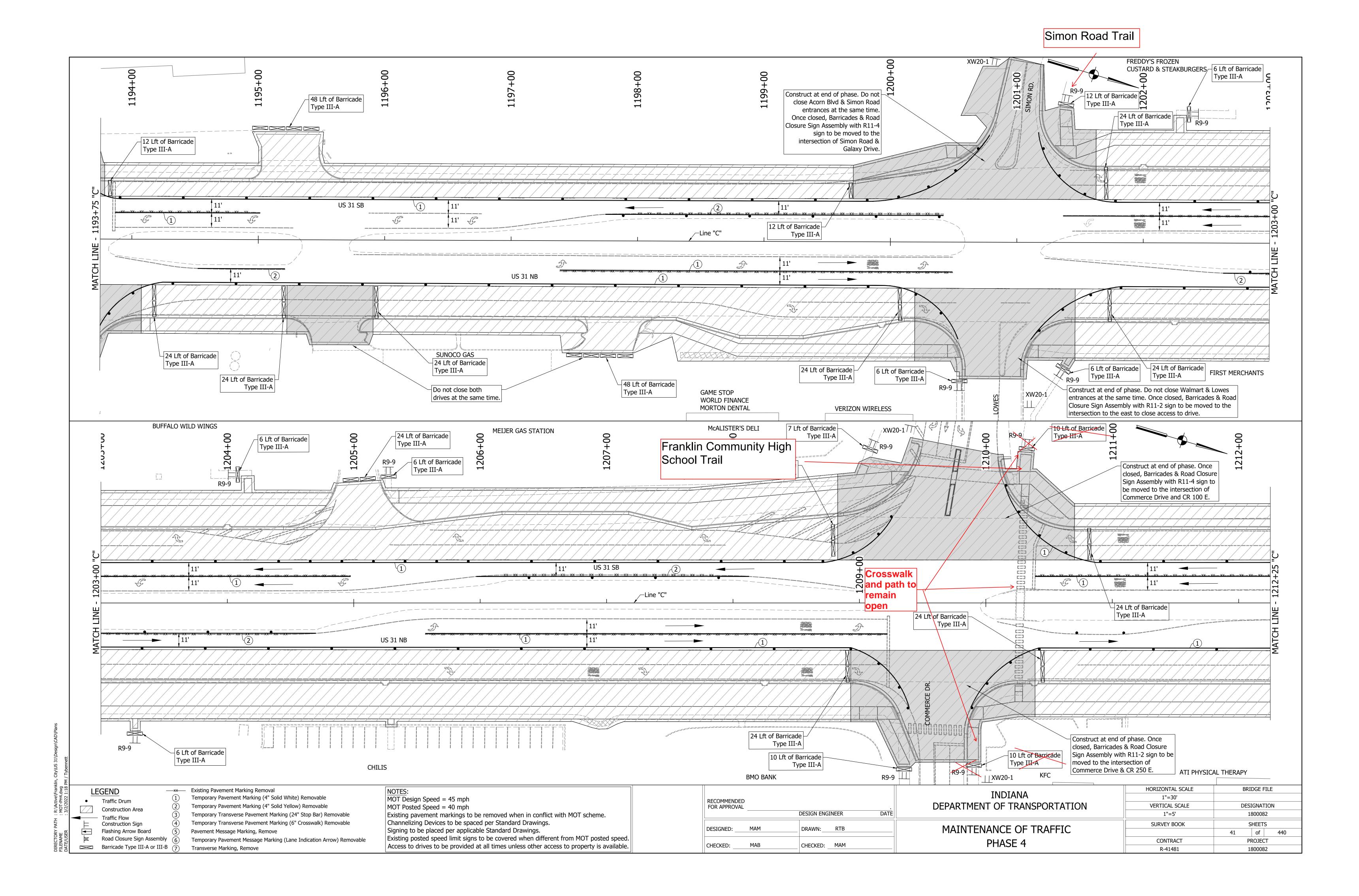


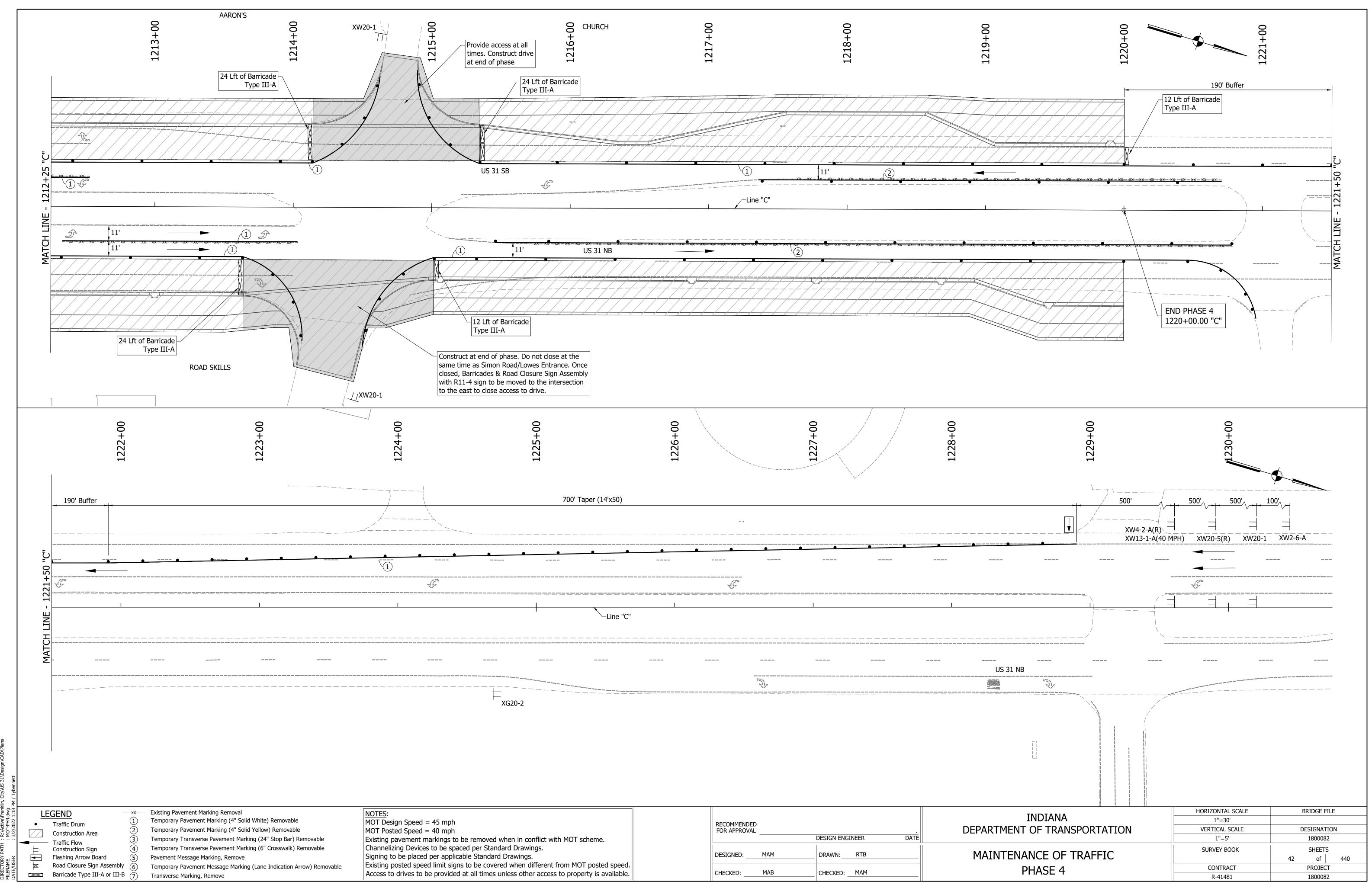




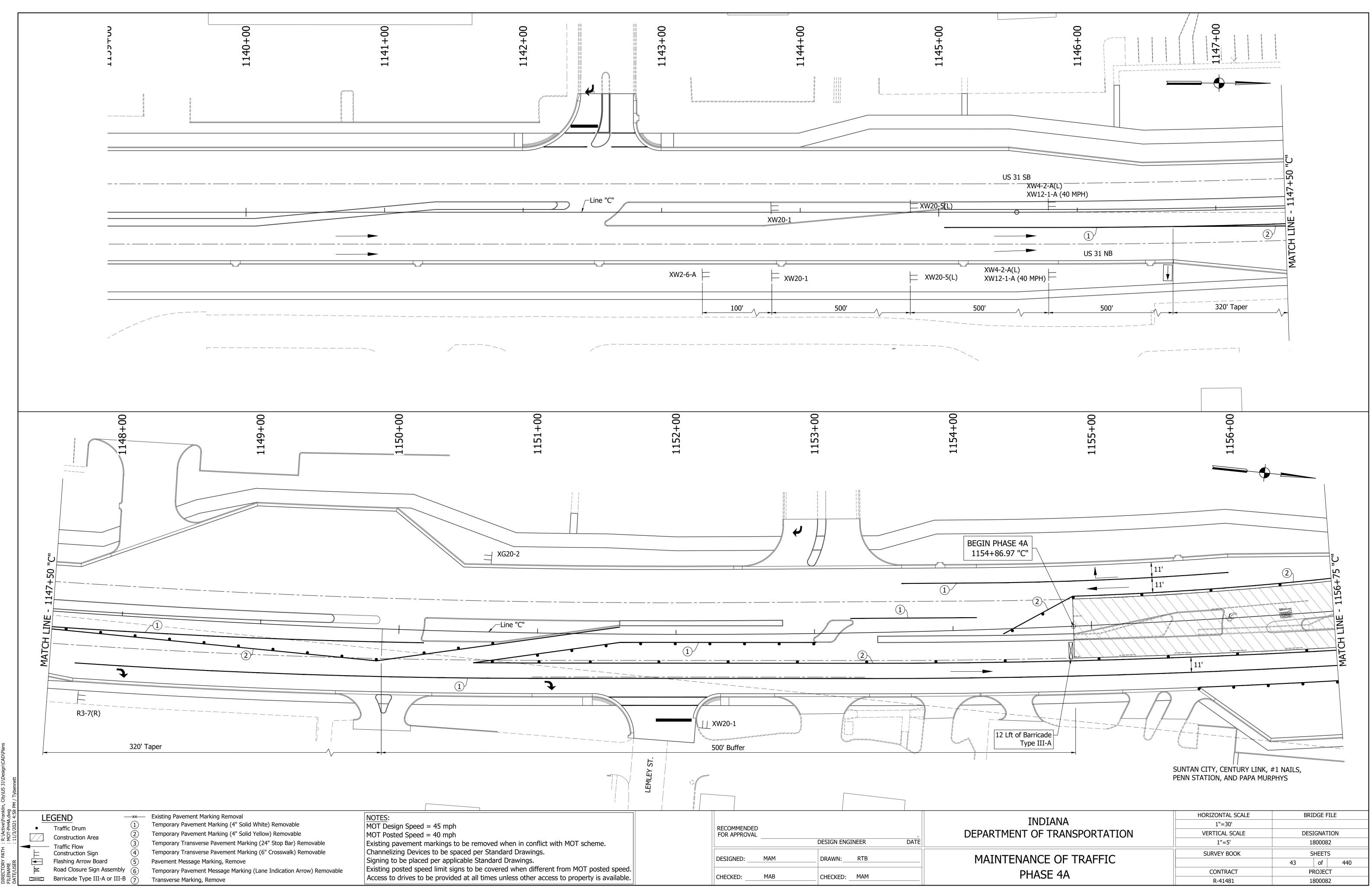


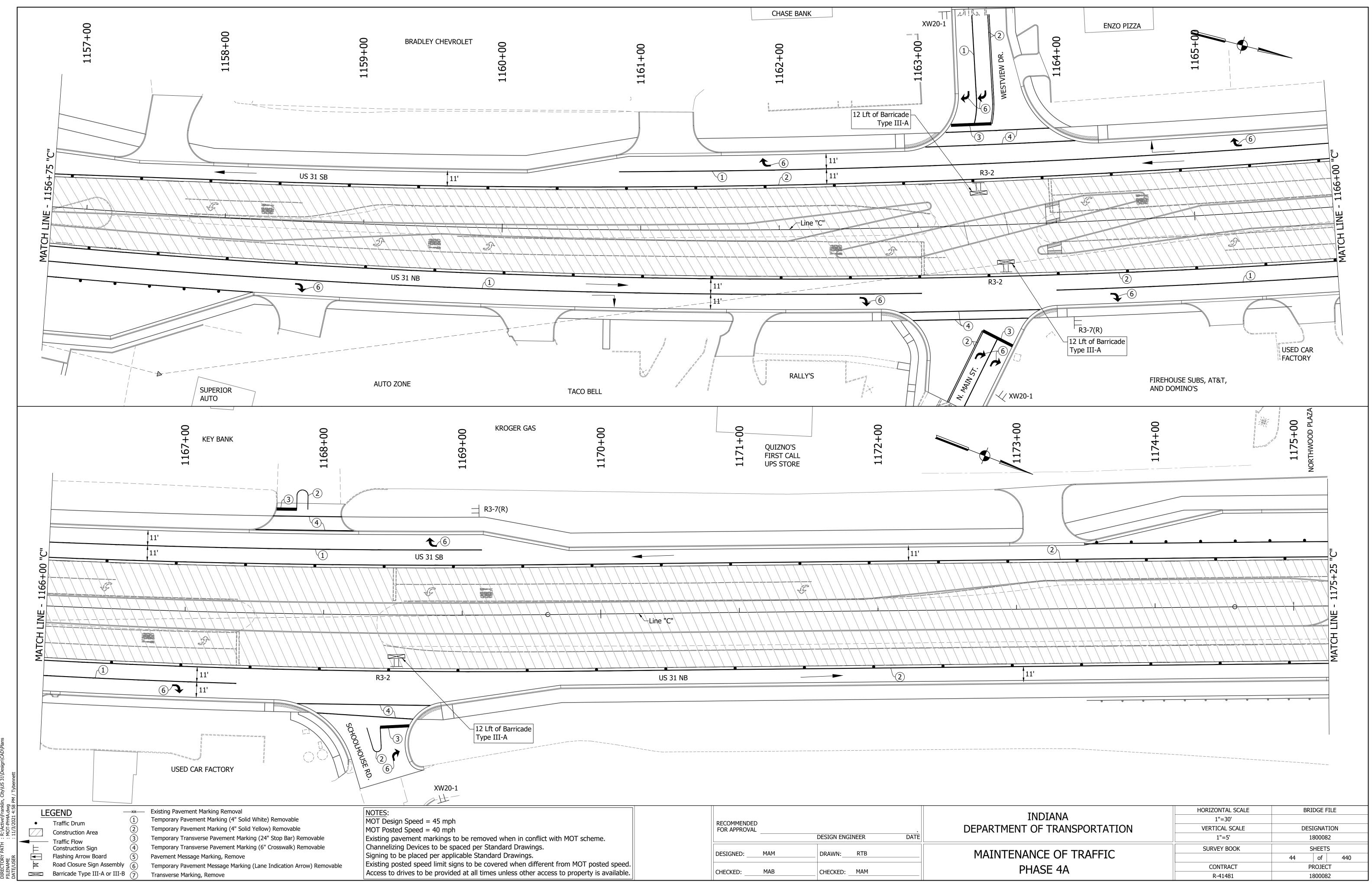
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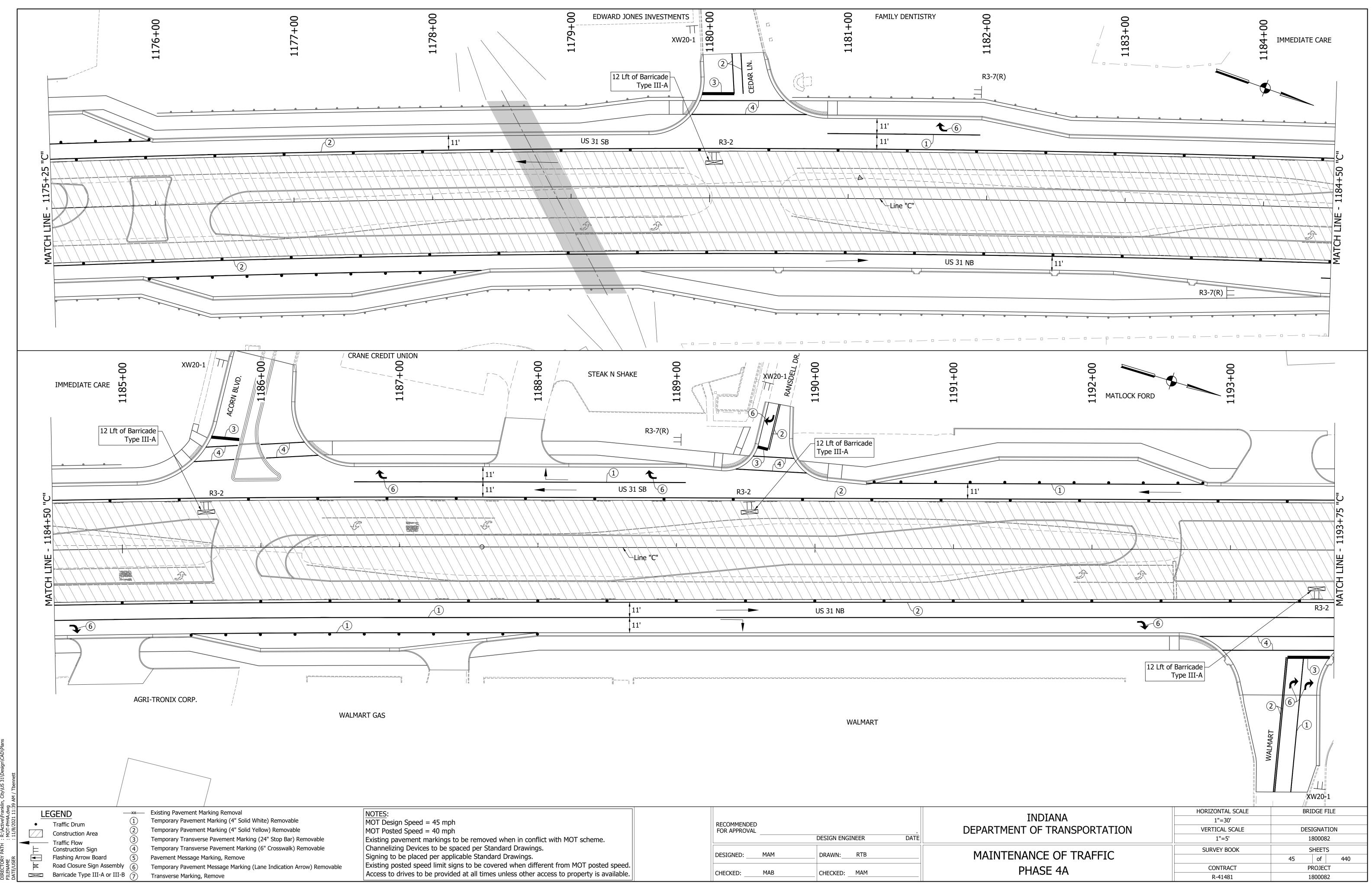


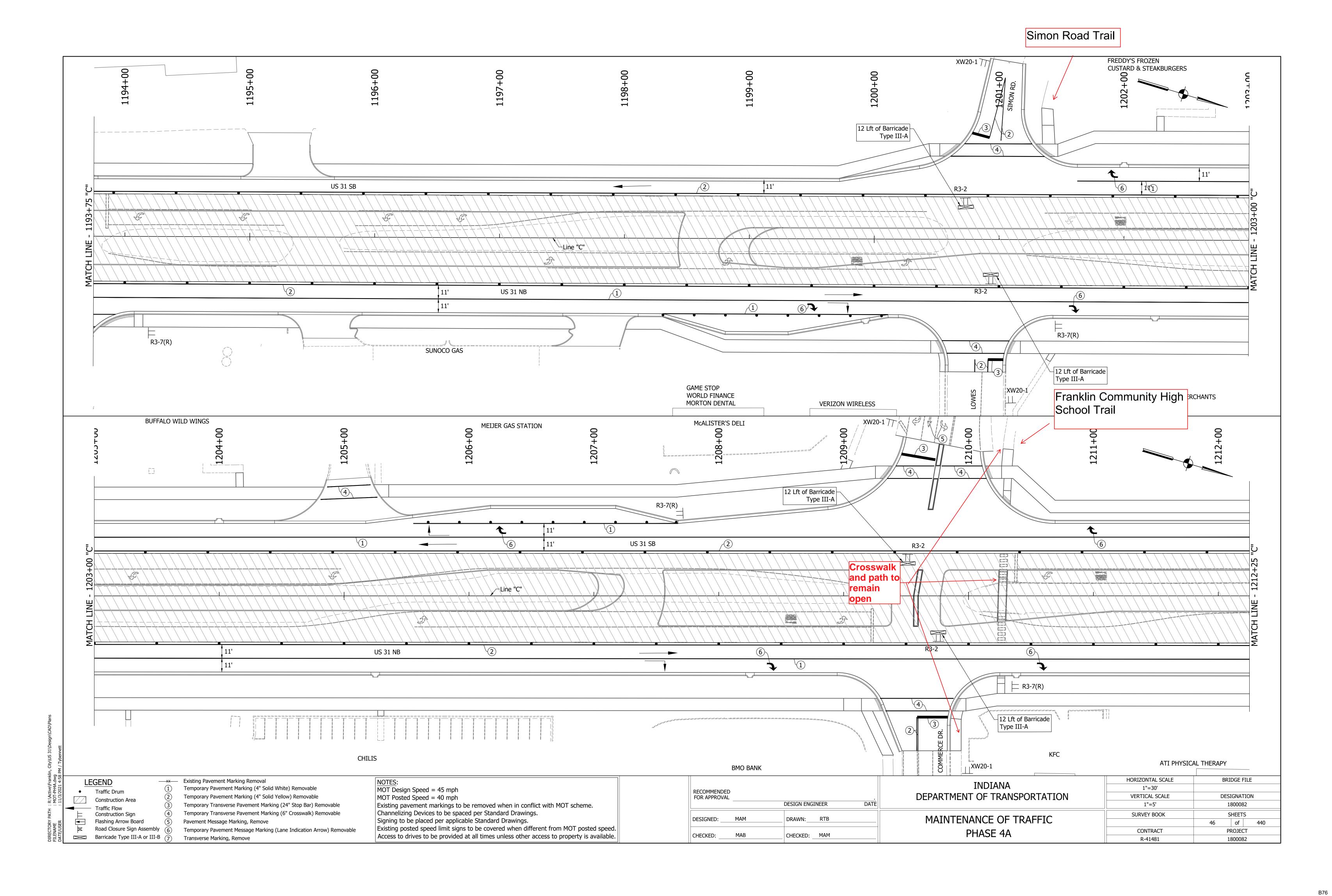
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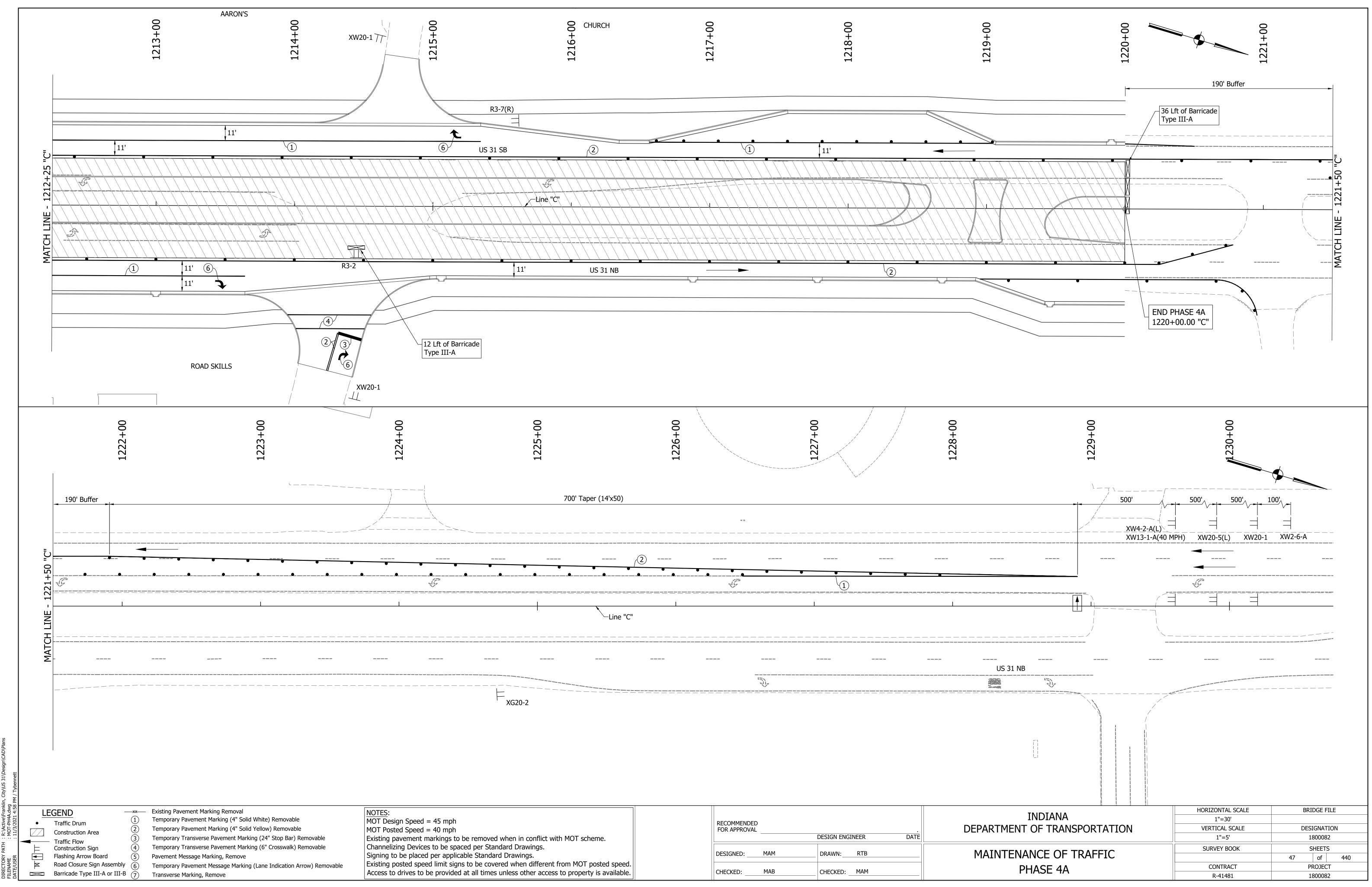




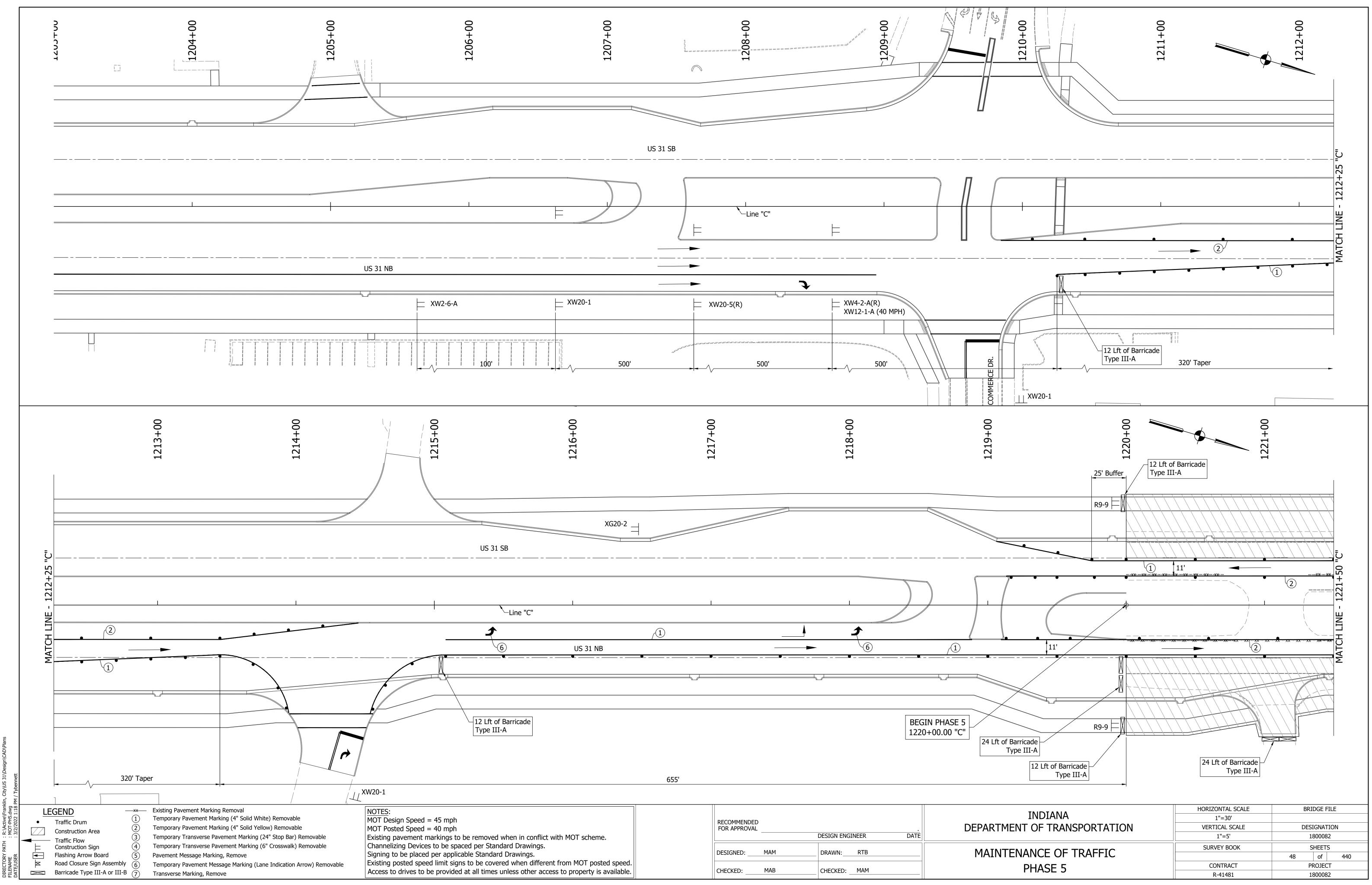
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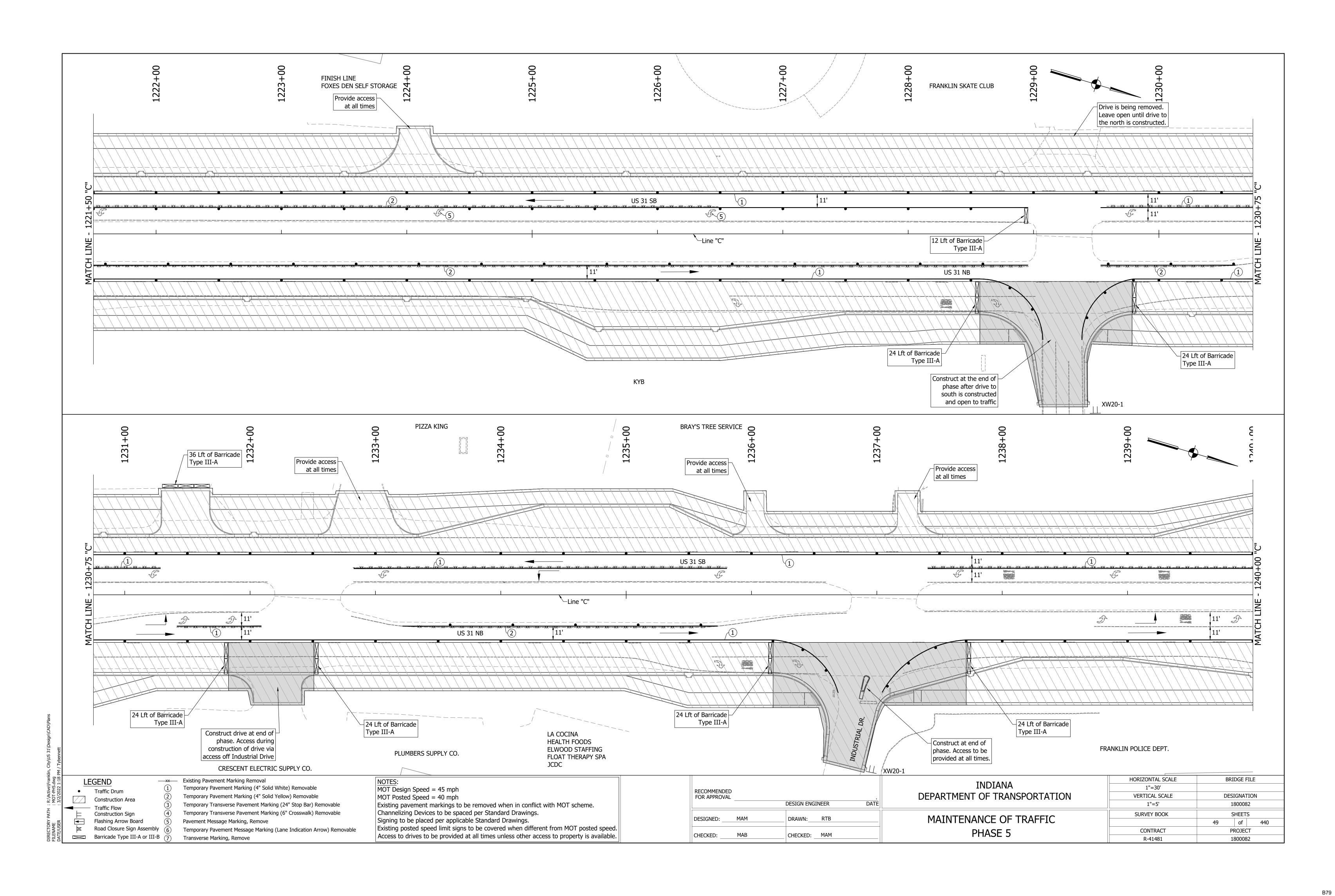


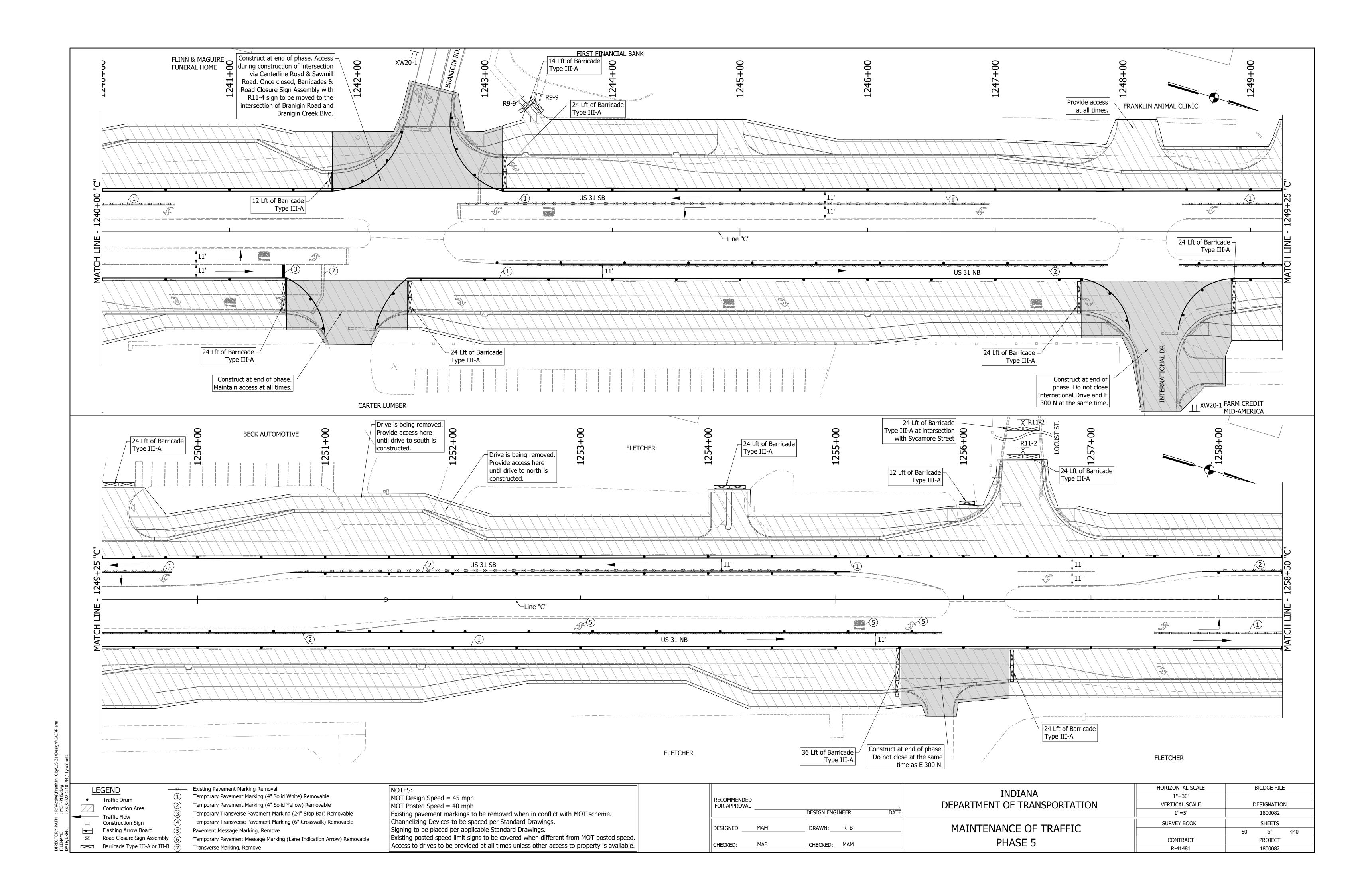


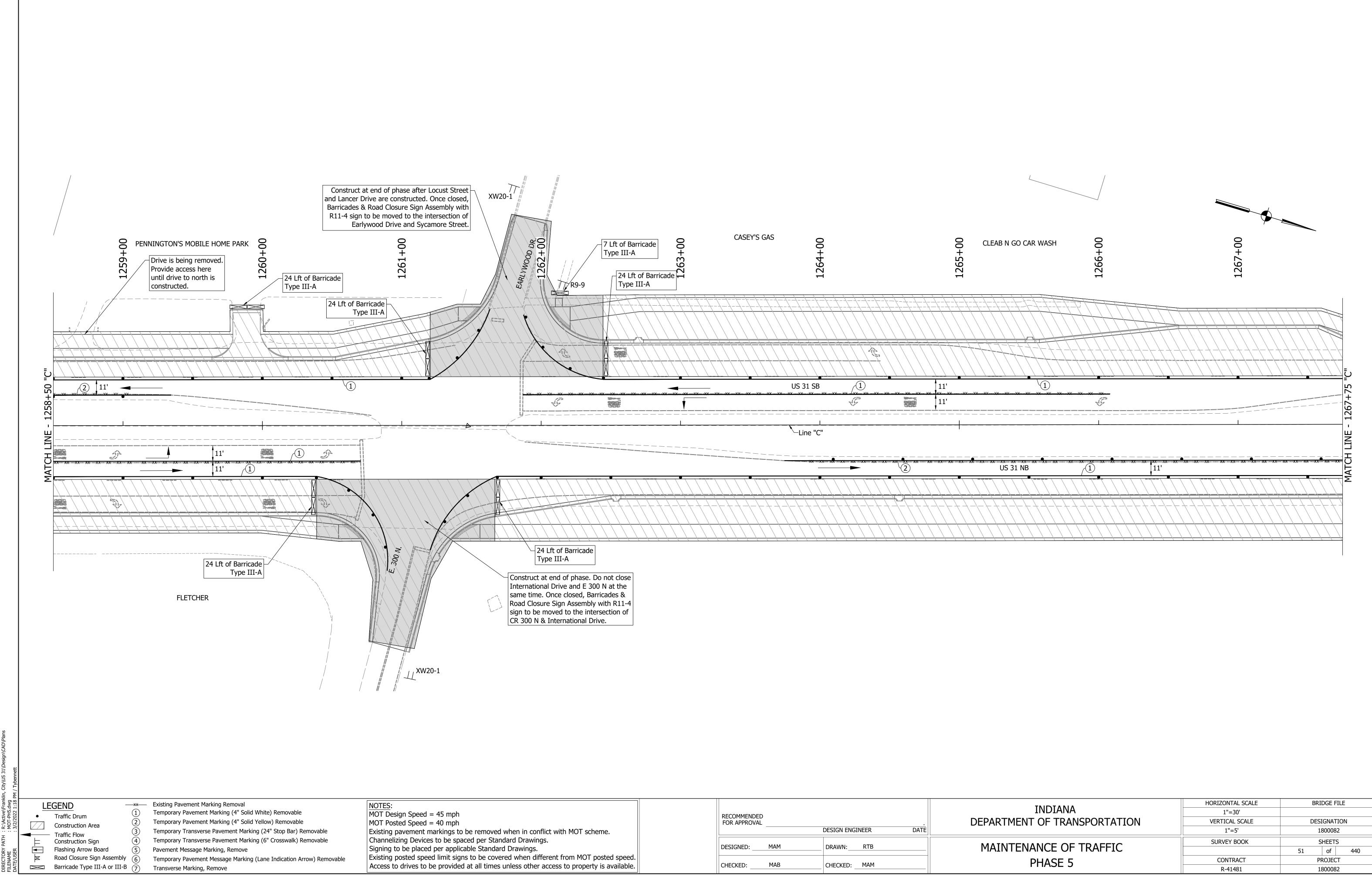


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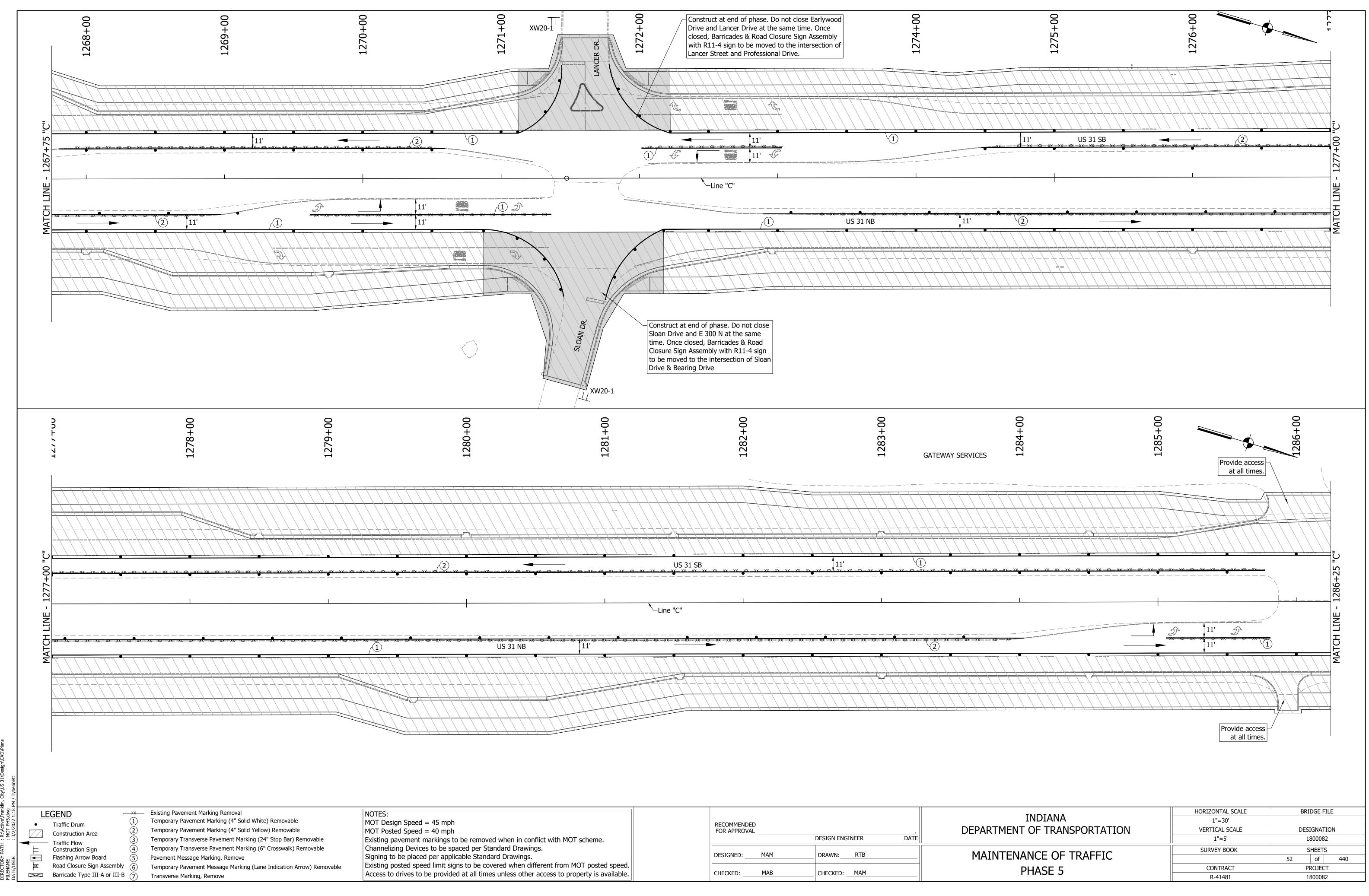




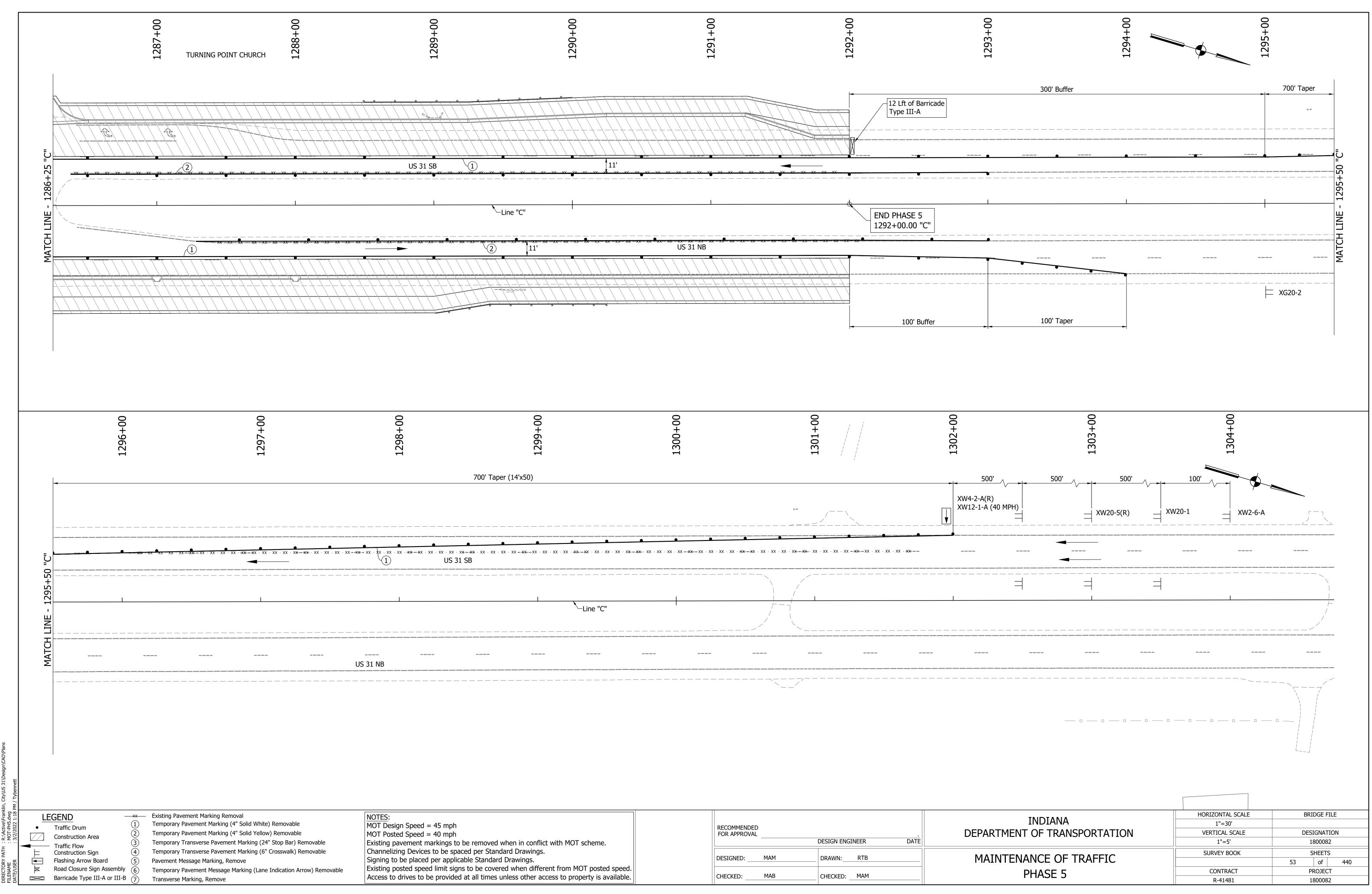




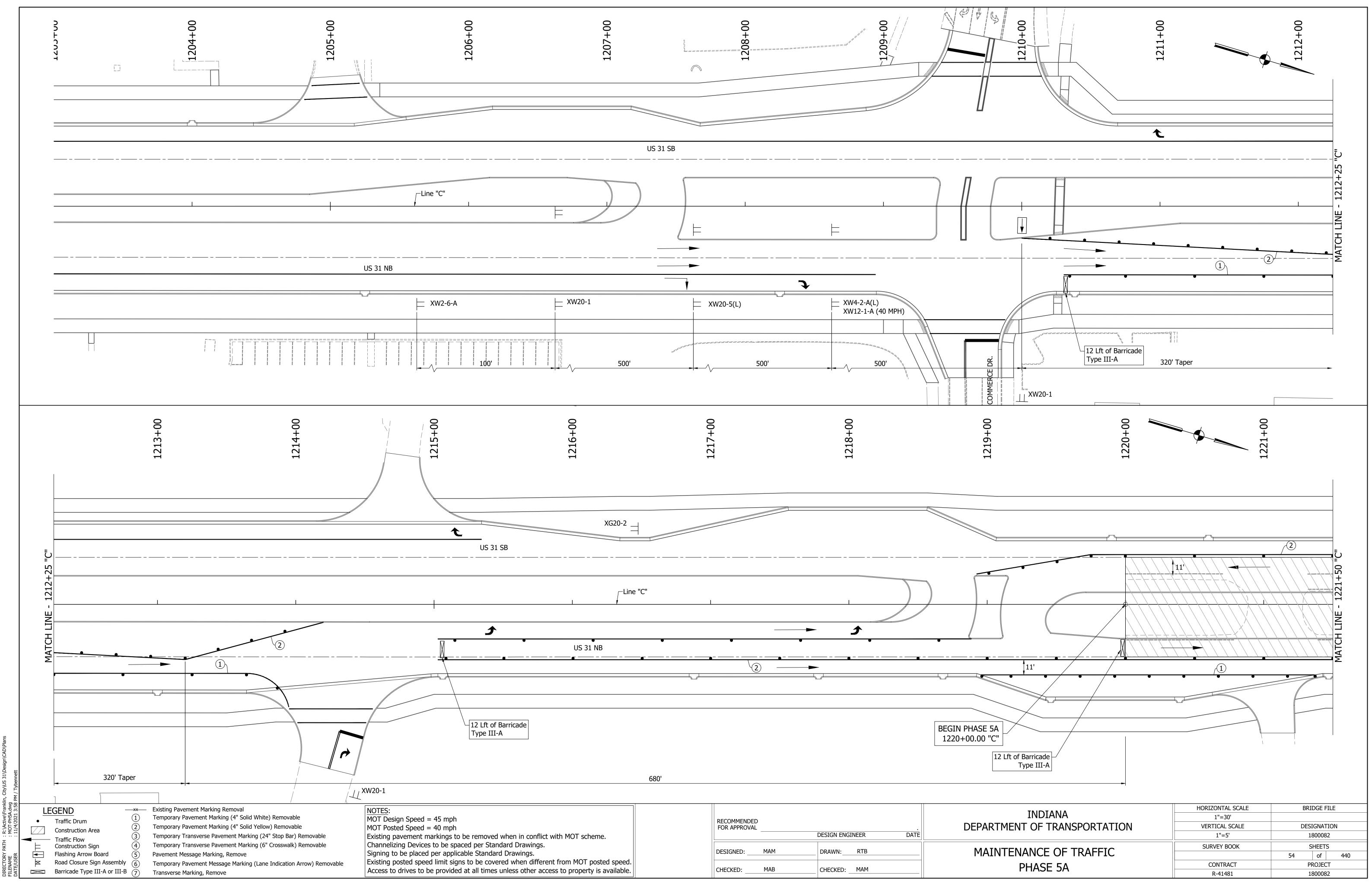
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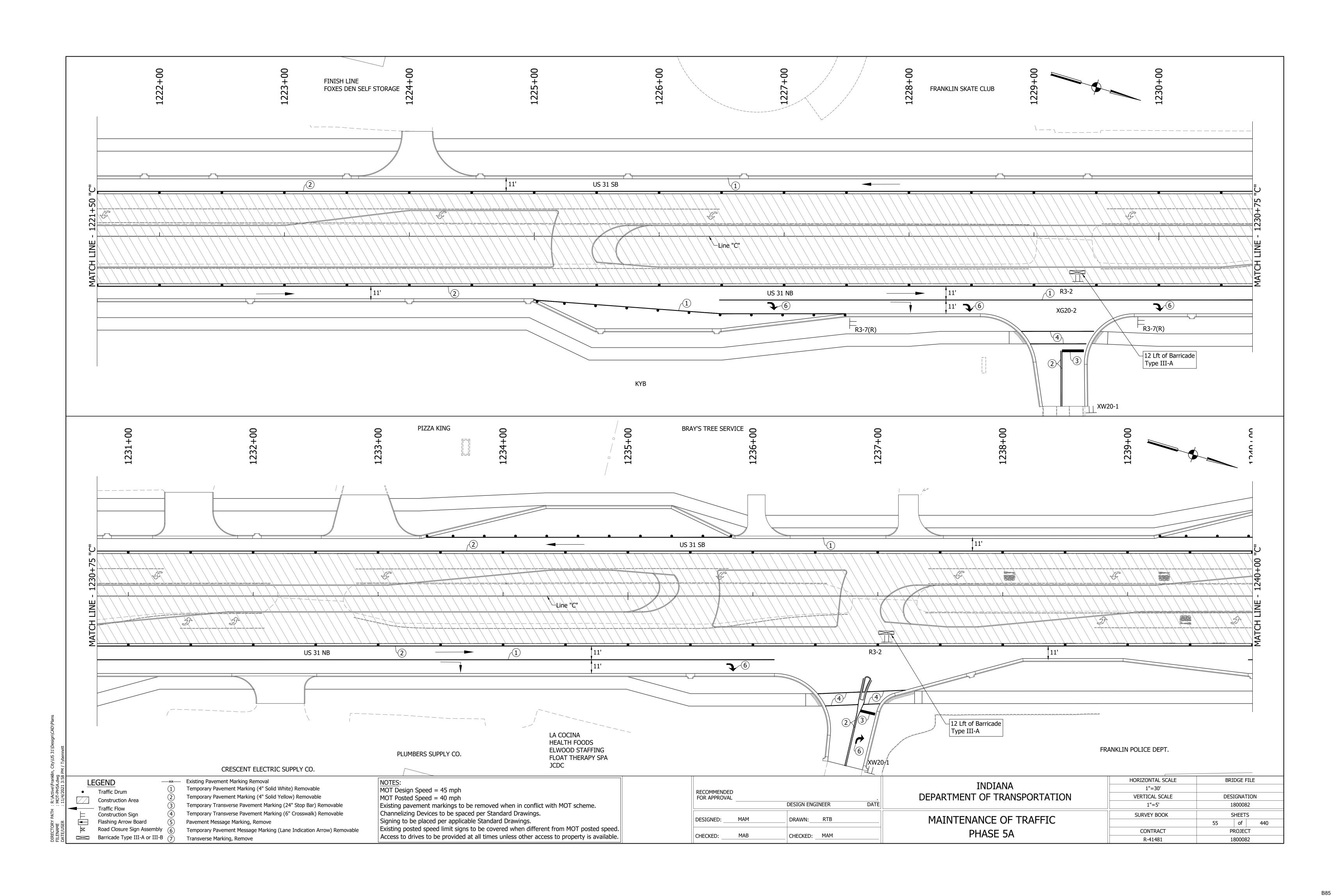


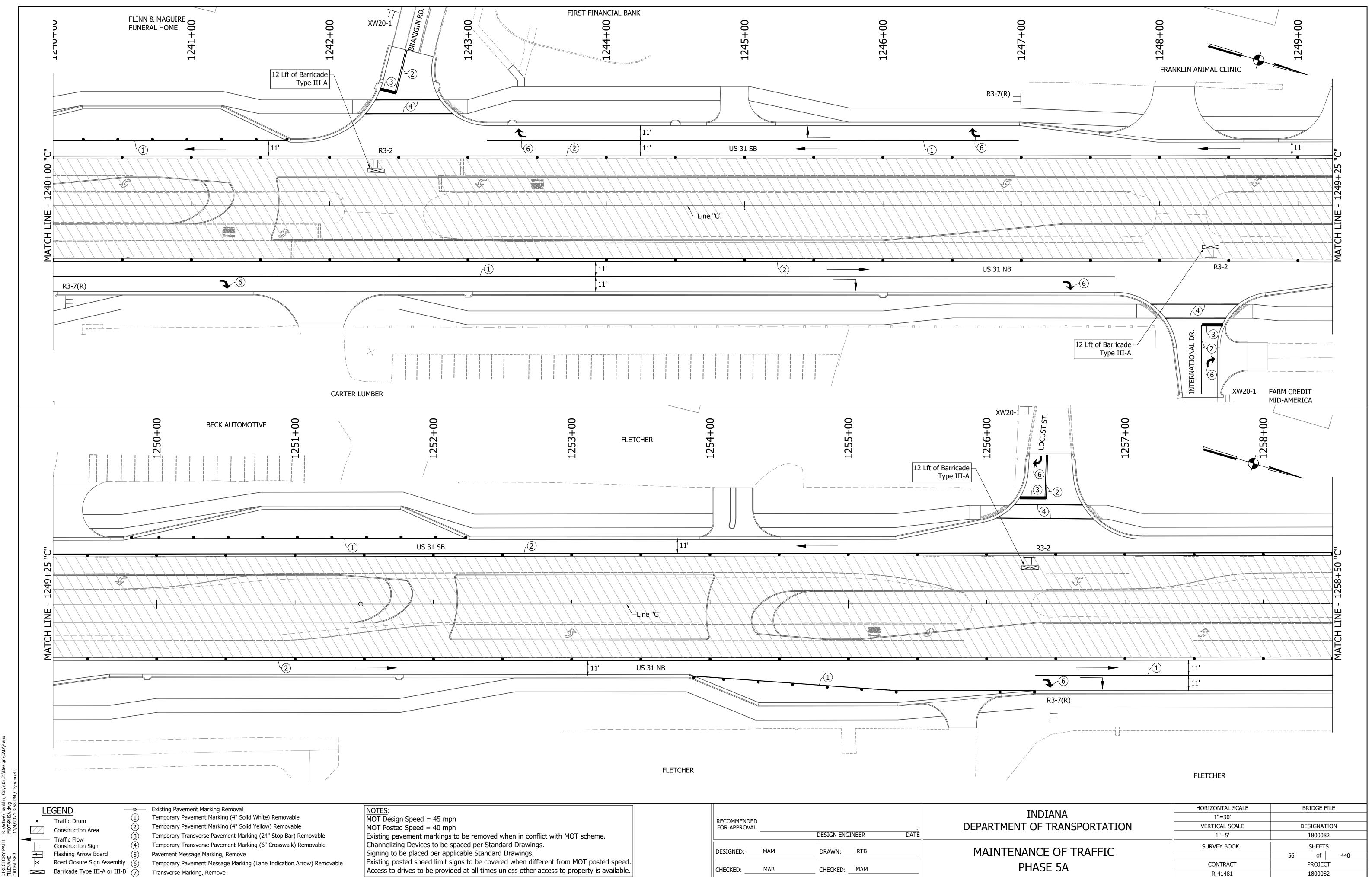
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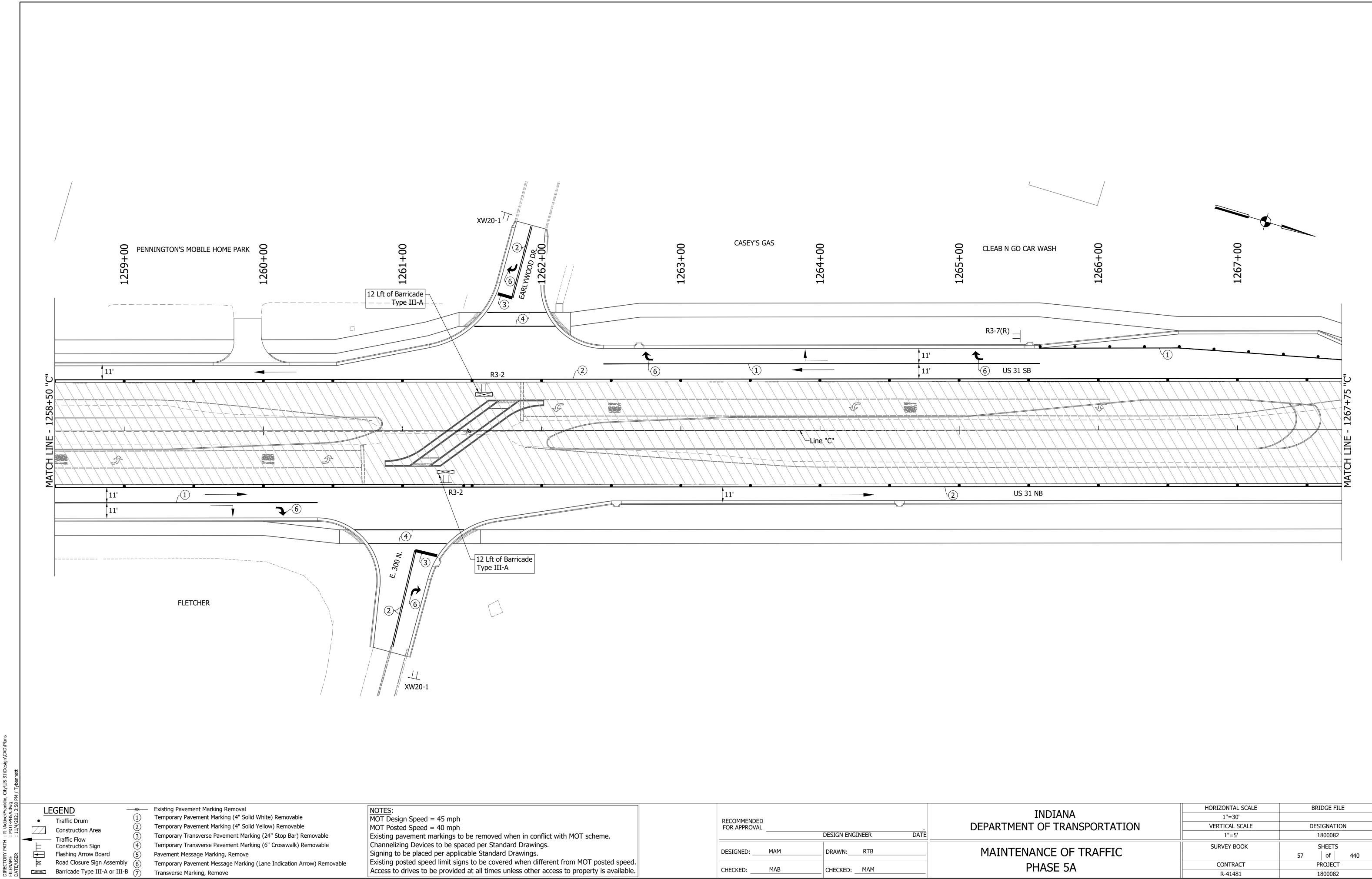
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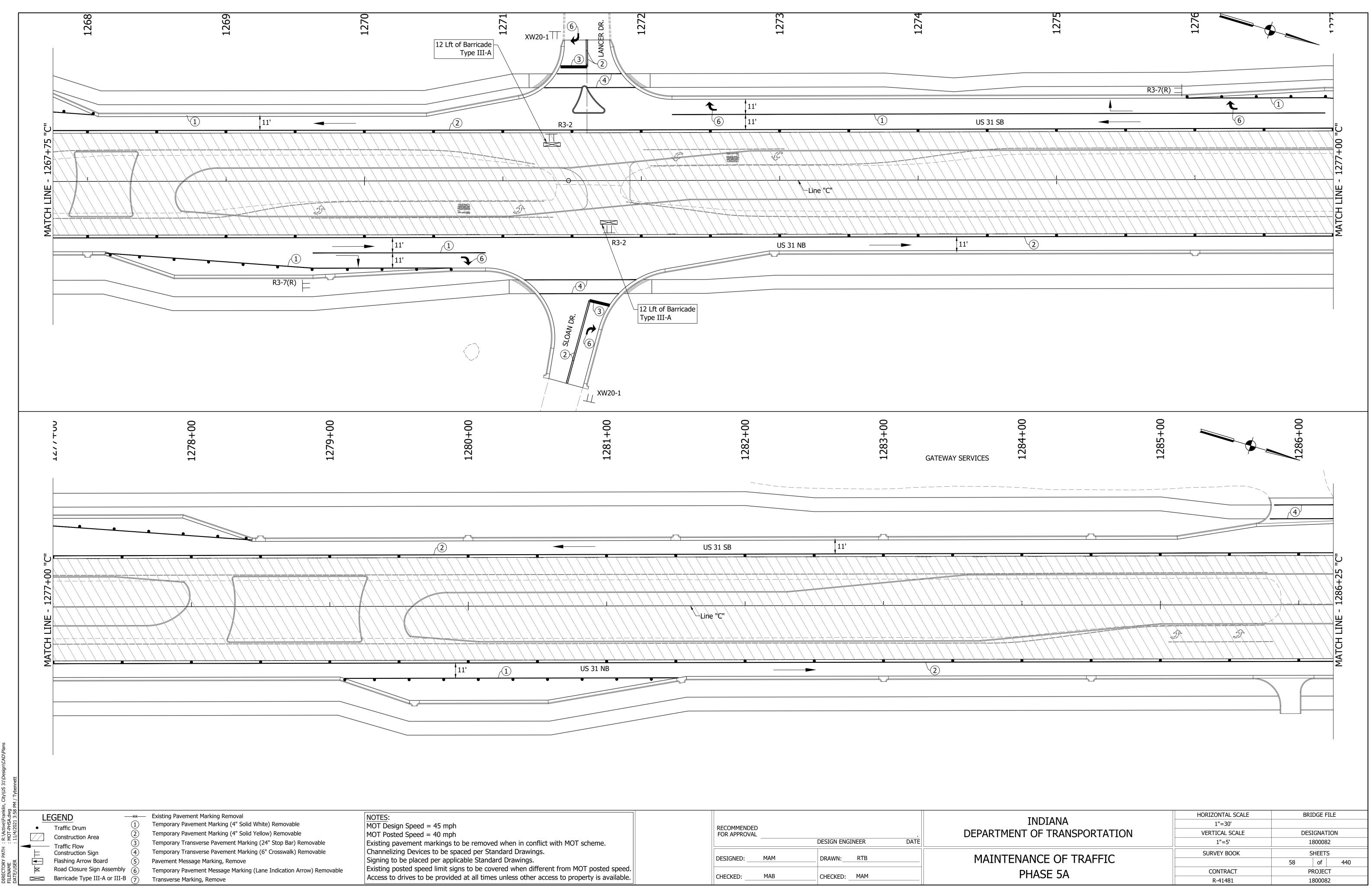




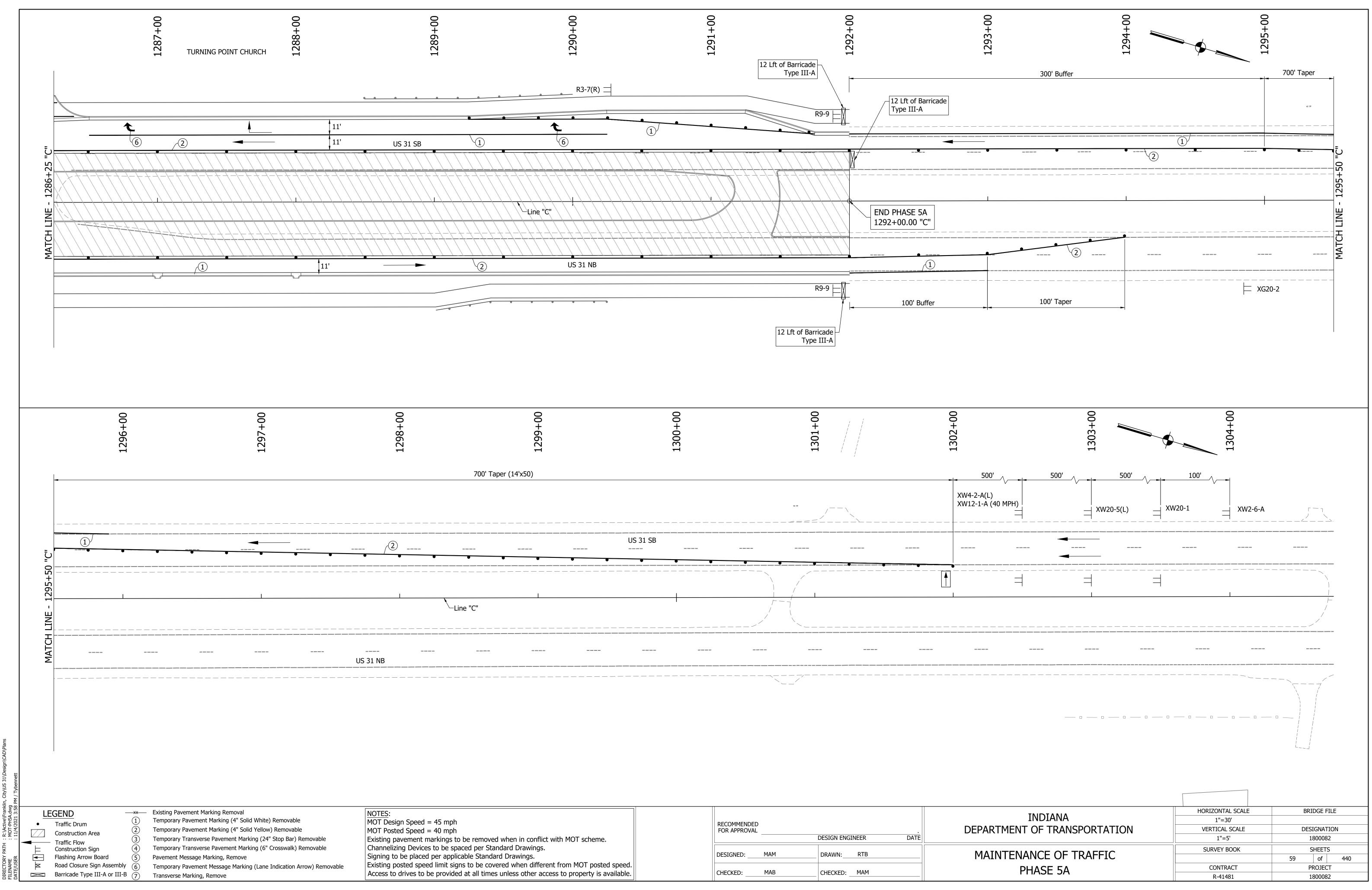
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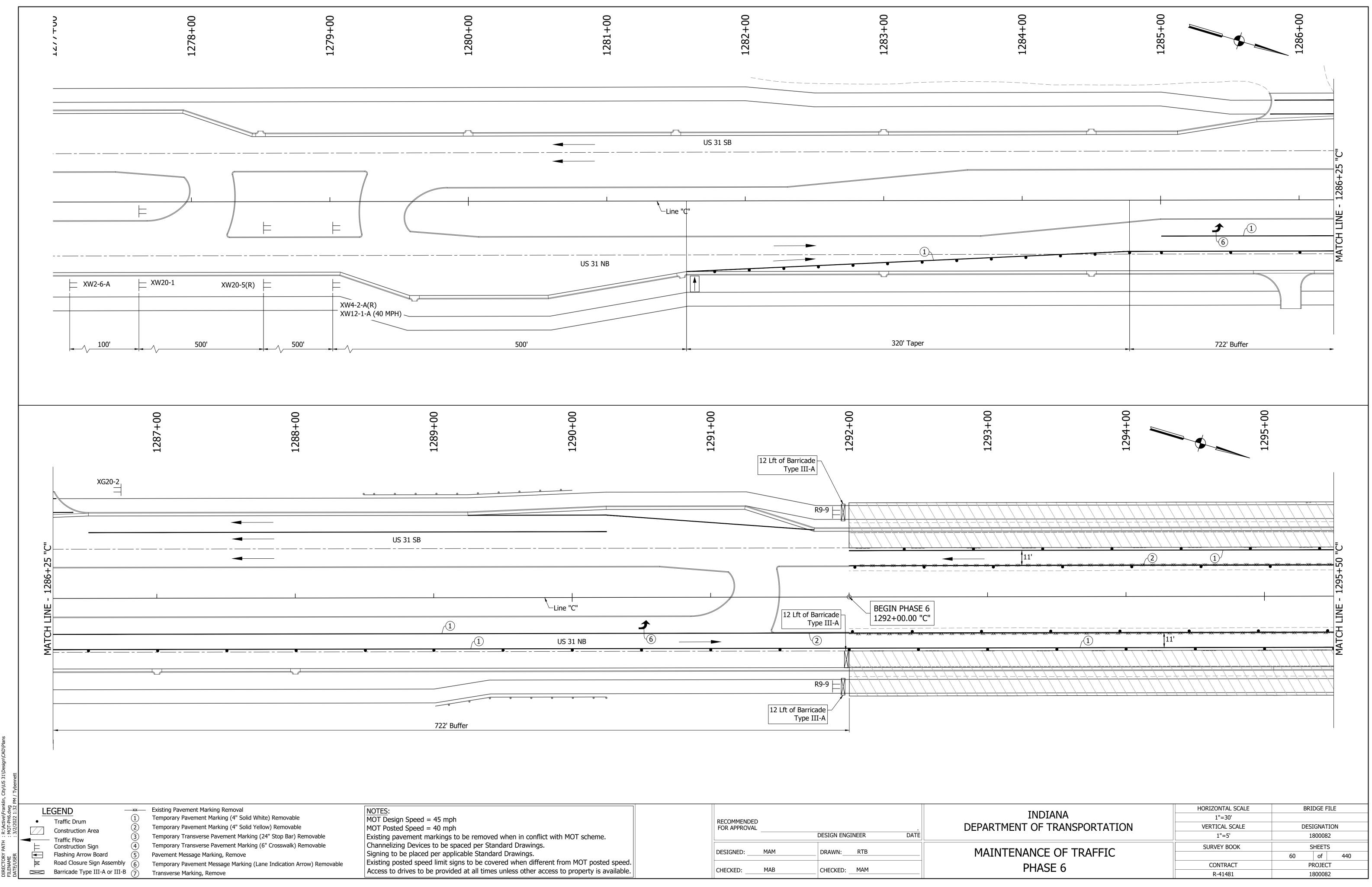
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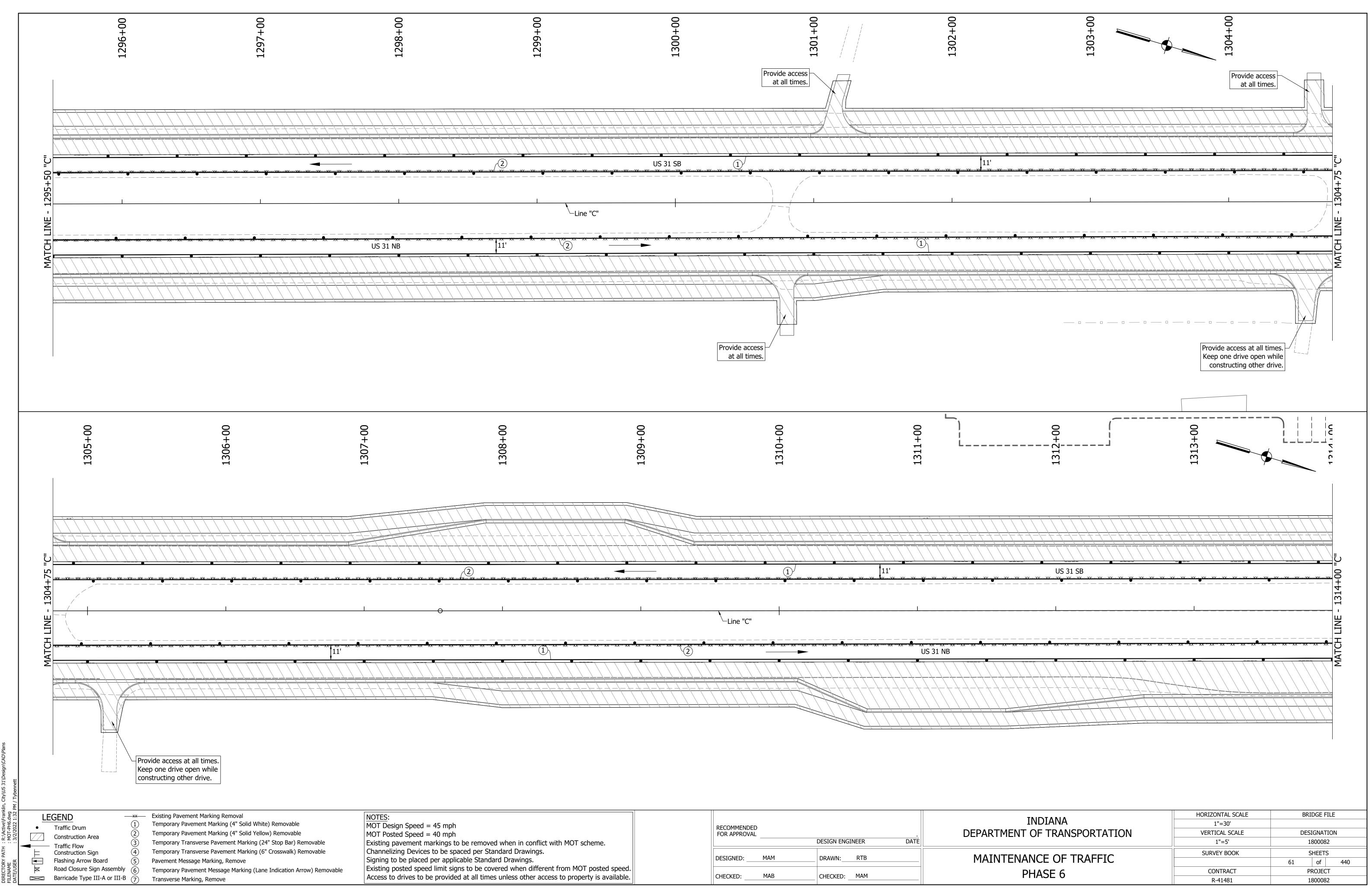
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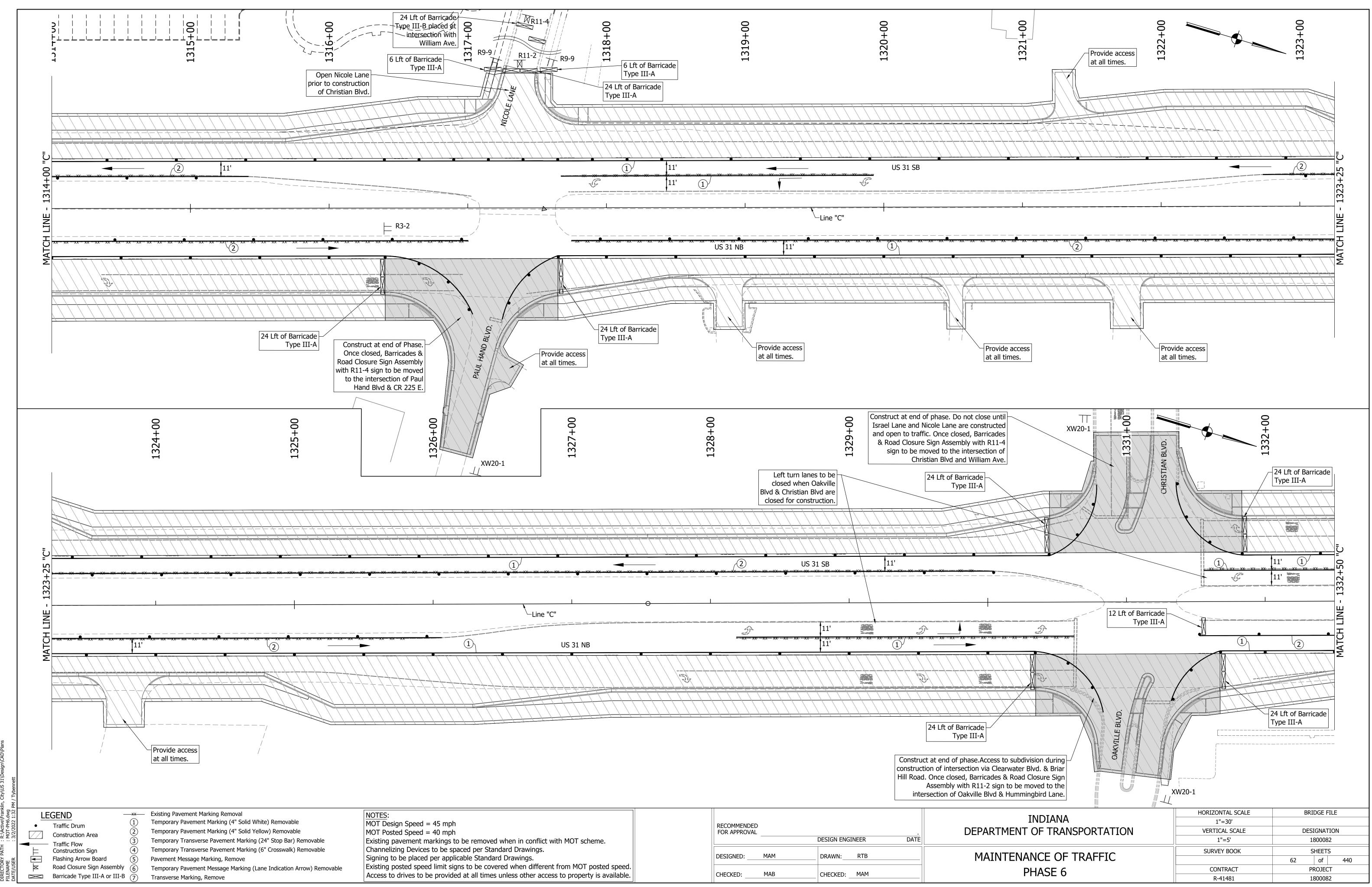
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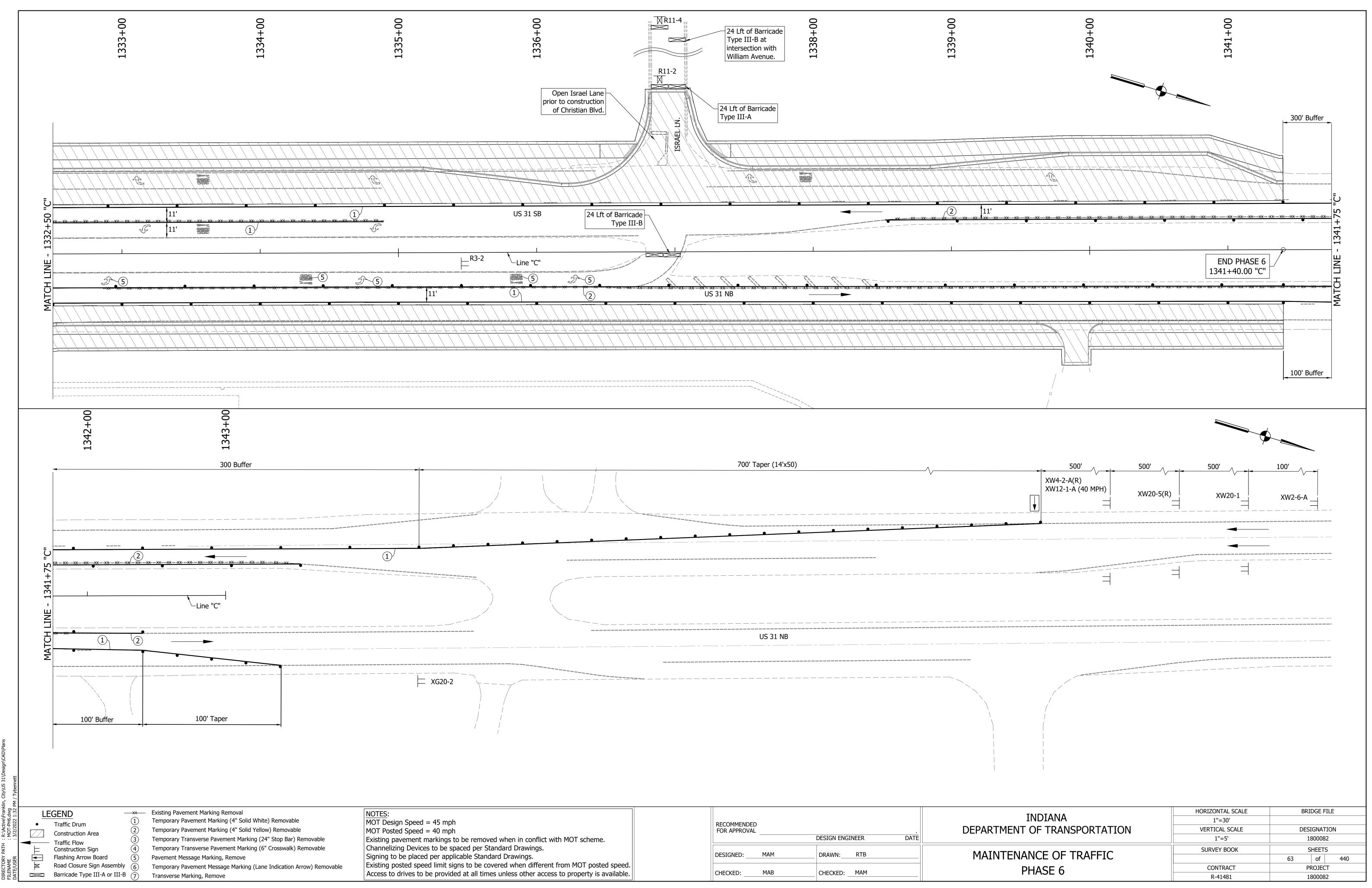
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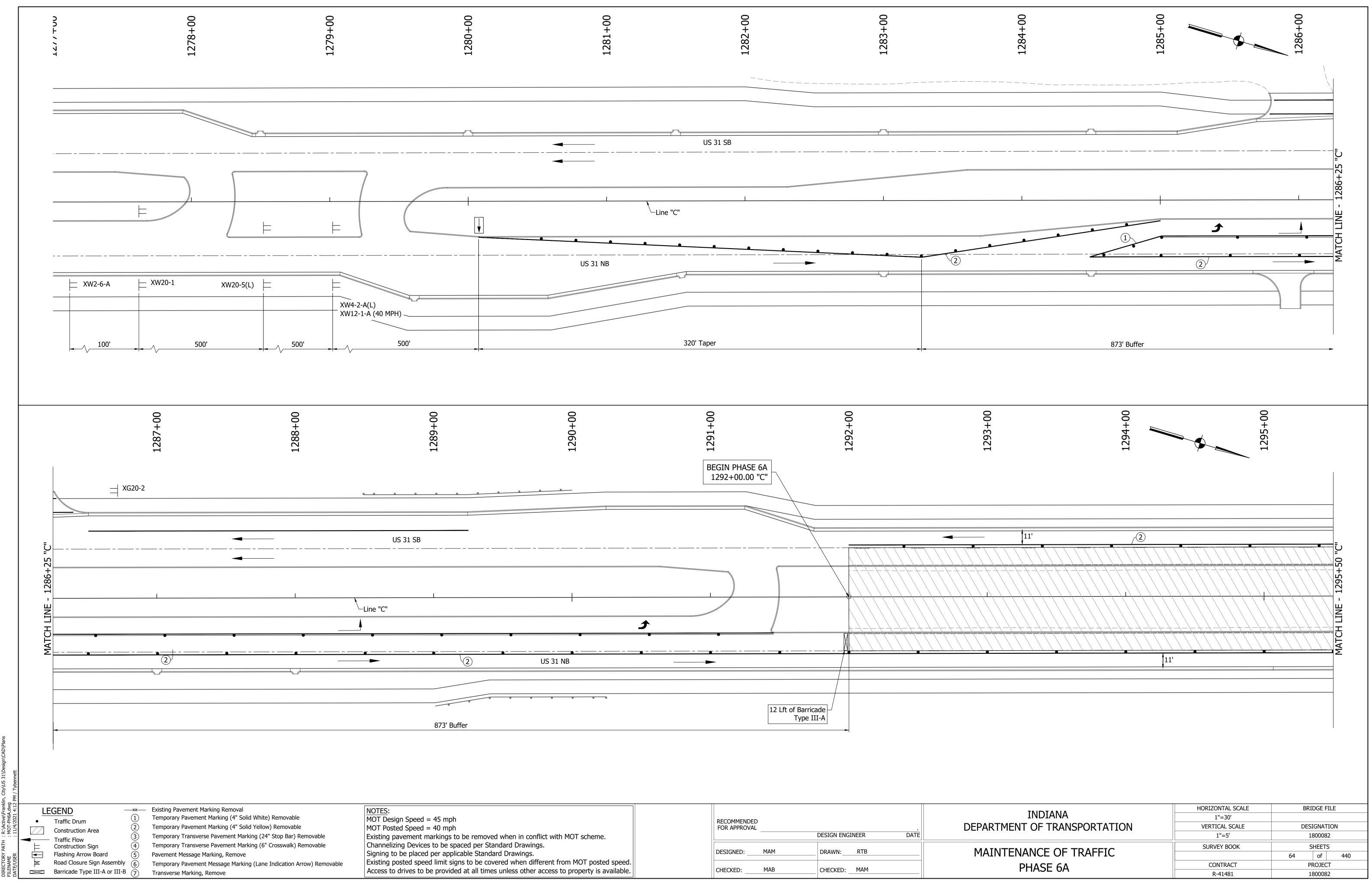
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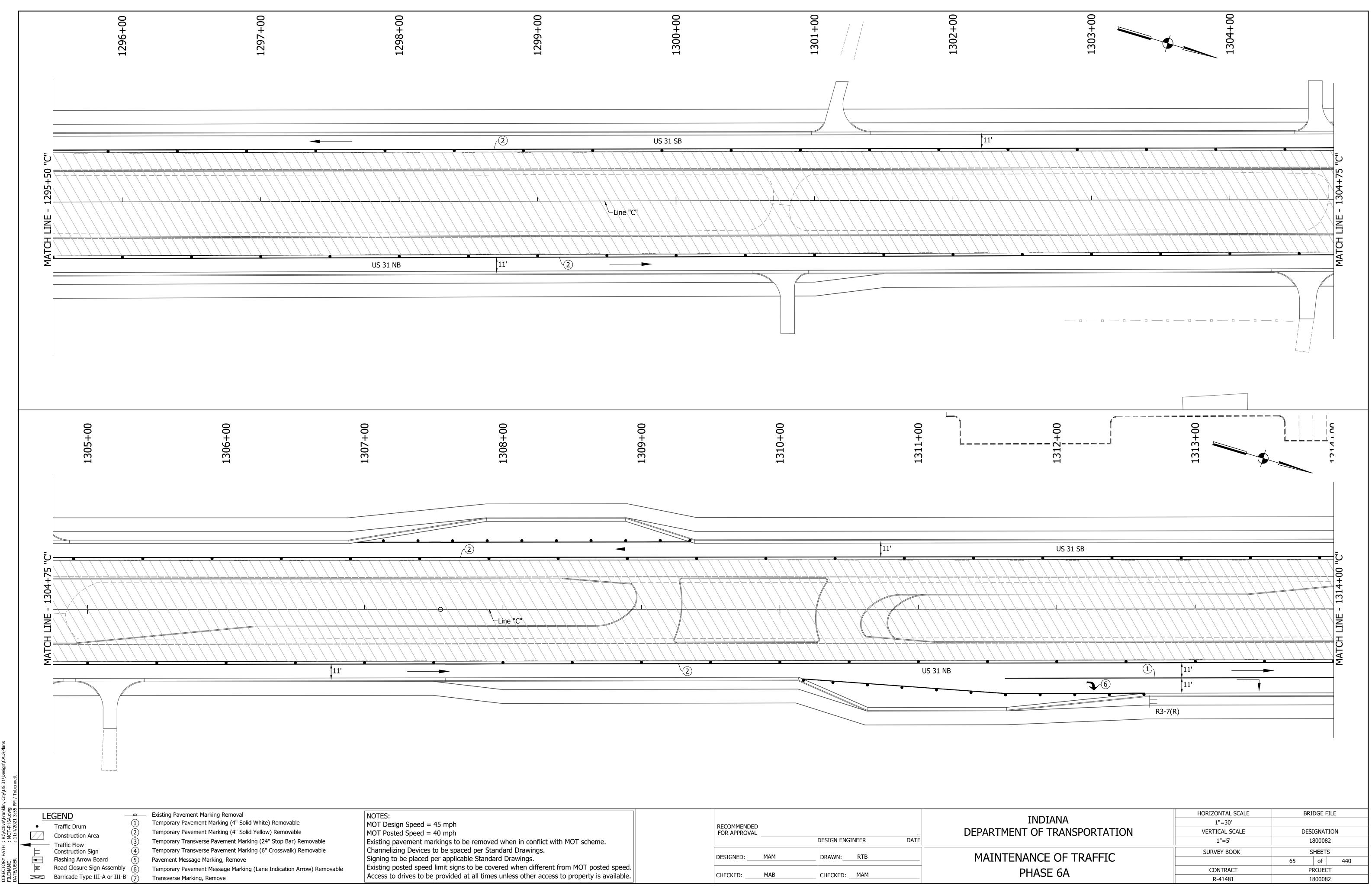
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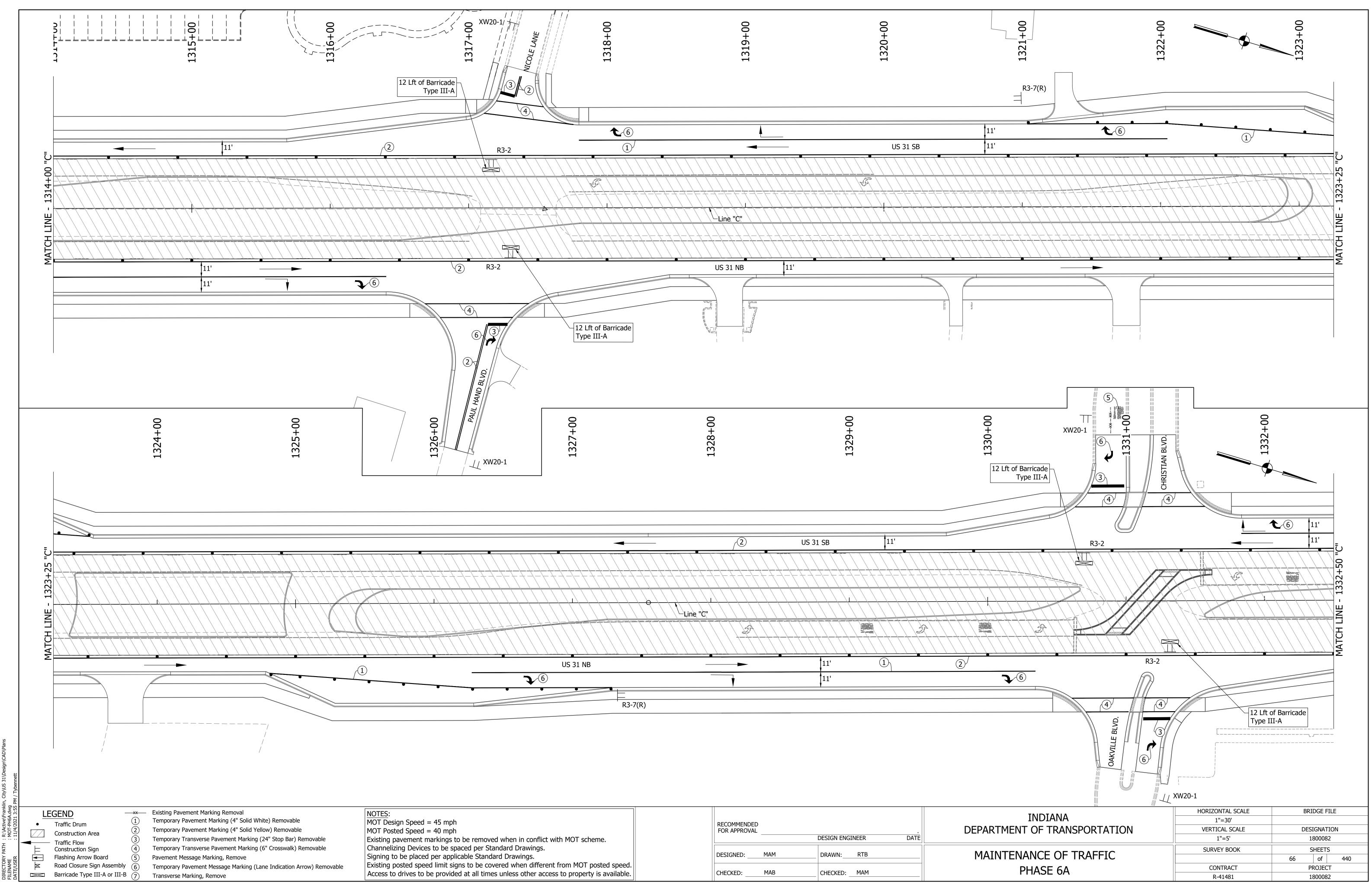
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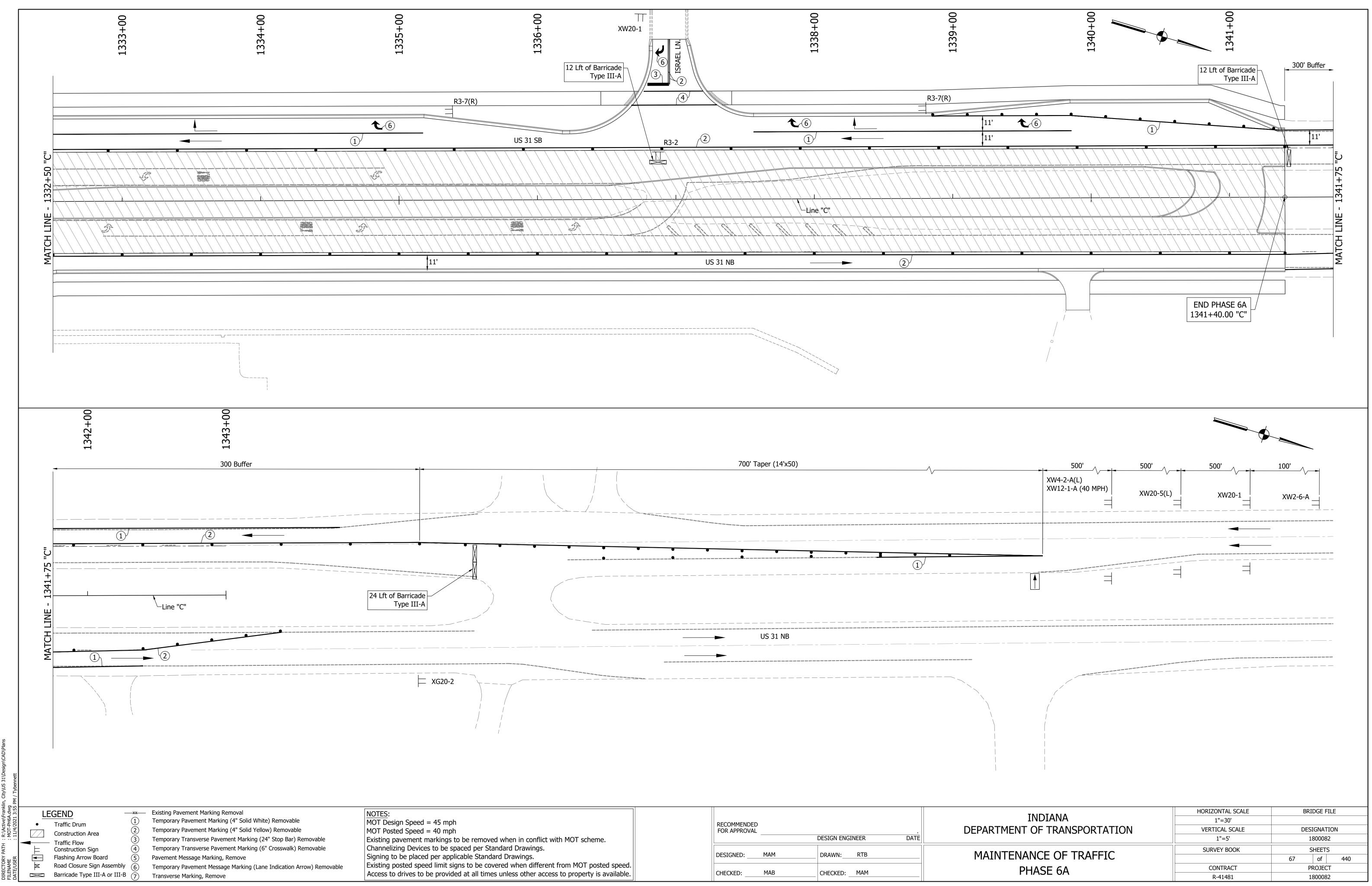
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