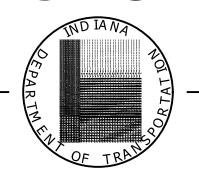
PROJECT	DESIGNATION
1802967	1802967
CONTRACT	BRIDGE FILE
R-41841	SEE BRIDGE PLANS

	CULVERT ASSETS	
DES. NO.	CULVERT ASSET ID	WORK TYPE
T.B.D.	CLV-I 065-006-140.34	REMOVAL
T.B.D.	CLV-I 065-006-120.76	REPLACEMENT
T.B.D.	CLV-I 065-006-0.11	REPLACEMENT
T.B.D.	CV-I 065-006-142.60	REPLACEMENT
T.B.D.	CV-I 065-006-143.70	N/A
T.B.D.	CV-I 065-006-144.10	REPLACEMENT
T.B.D.	CV-I 065-006-144.70	REPLACEMENT
T.B.D.	CV-I 065-006-144.90	REPLACEMENT
T.B.D.	CV-I 065-006-145.60	REPLACEMENT
T.B.D.	CLV-I 065-006-145.76	N/A
T.B.D.	CV-I 065-006-145.94	N/A
T.B.D.	CV-I 065-006-145.95	N/A
T.B.D.	CLV-I 065-006-146.57	REPLACEMENT
T.B.D.	CLV-I 065-006-146.74	REPLACEMENT

# INDIANA DEPARTMENT OF TRANSPORTATION

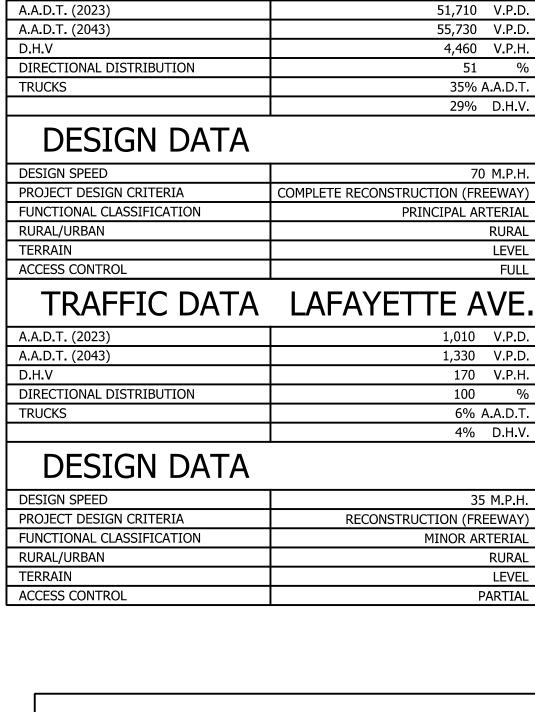


# ROAD PLANS

ROUTE: I-65 FROM: RP 141+00 TO: RP 146+76 PROJECT NO. 1802967 P.E.

R/W (No Right of Way Anticipated)

1802967 CONST.



TRAFFIC DATA

I-65

51 %

70 M.P.H.

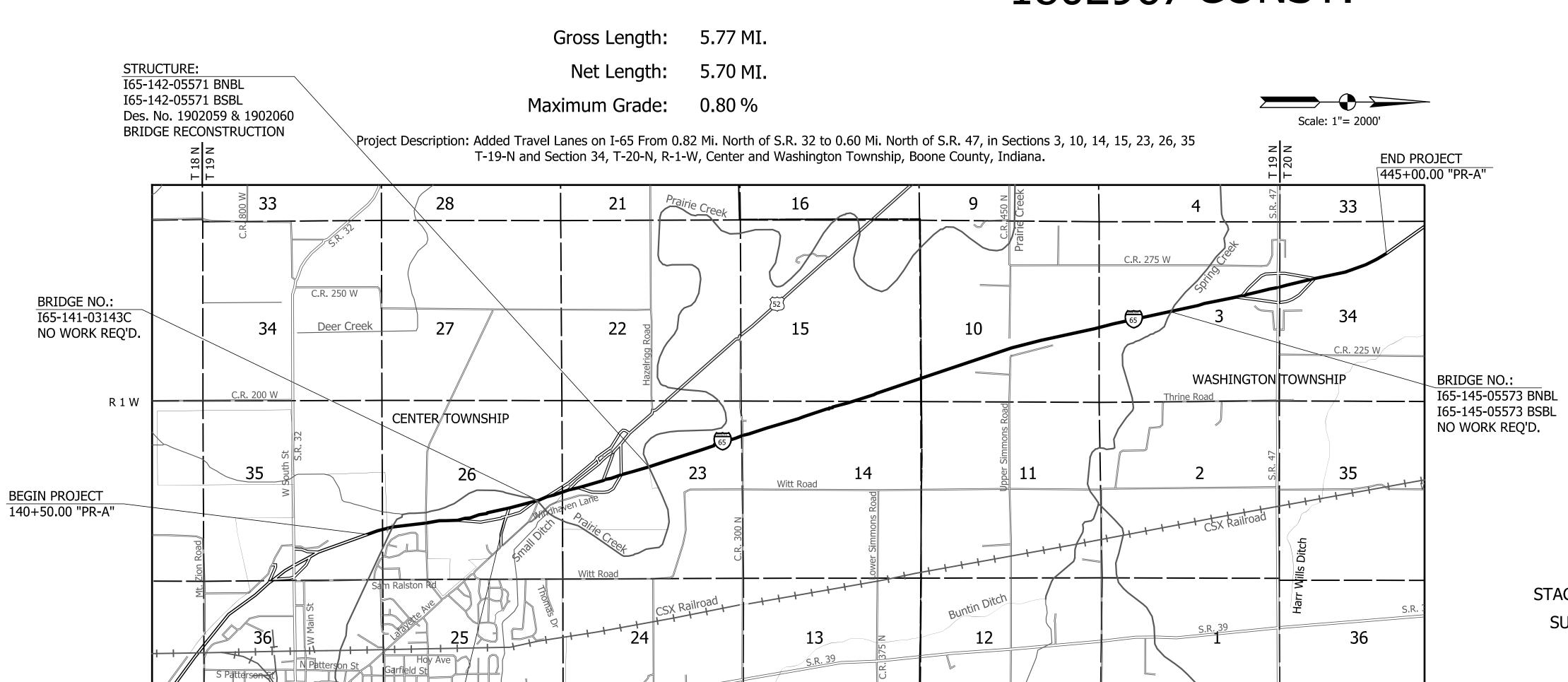
RURAL LEVEL

100 % 6% A.A.D.T. 4% D.H.V.

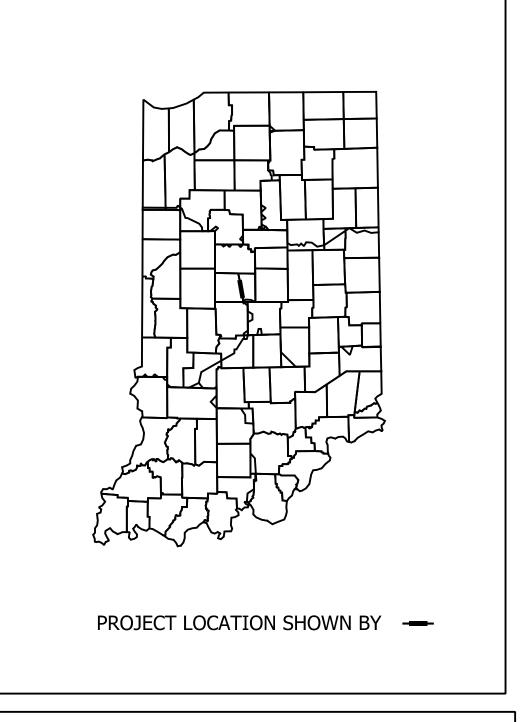
35 M.P.H.

RURAL LEVEL

PARTIAL



**BOONE COUNTY** 



LATITUDE: 40°05'44" N LONGITUDE: 86°30'28" W

STAGE TWO PLANS

SUBMITTED BY: Kenneth R. Olson

**DATE:** 2/21/2020

INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED 2020 TO BE USED WITH THESE PLANS.

	BRI	DGE F	·ILE		
	SEE BR	SEE BRIDGE PLANS			
	DES:	DESIGNATION			
	1	1802967			
SURVEY BOOK	S	HEET	HEETS		
N/A	1	1 of 476			
CONTRACT	PROJECT				
R-41841	1802967				



www.structurepoint.com

FEDERAL HIGHWAY ADMINISTRATION U.S. DEPT. OF TRANSPORTATION APPROVED: DIVISION ADMINISTRATOR

BRIDGE NO.:

I65-141-04117D

**BRIDGE REMOVAL** 

PLANS PREPARED BY: (317) 547-5580 PHONE NUMBER American Structurepoint, Inc. APPROVED FOR LETTING: INDIANA DEPARTMENT OF TRANSPORTATION

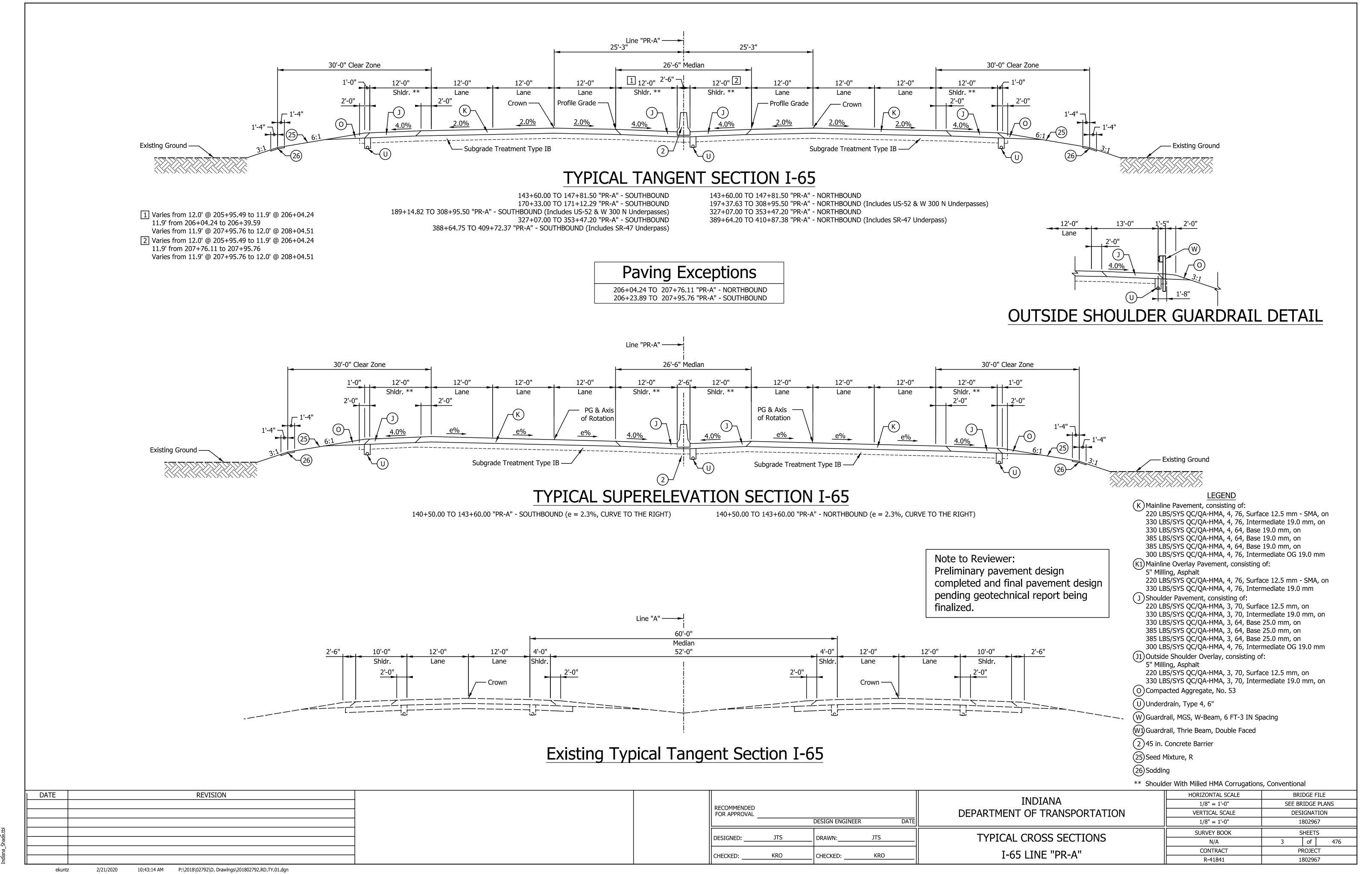
### UTILITIES CABLE Comcast GAS Vectren-Distribution FIBER OPTICS Frontier 2401 Chicago Street 5330 E. 65th St. 2345 E. Main Street Valparaiso, IN 46383 Indianapolis, IN 46220 Danville, IN 46122 (219) 476-5109 (317) 718-3657 (317) 710-0602 Charles McKean William Morris Benjamin Vasquez MCI/Verizon **COMMUNICATIONS SANITARY** 720 W. Henry Street AT&T Lebanon Utilities Indianapolis, IN 46225 116 E. Taylor Street 401 S. Meridian Street (518) 424-3950 Kokomo, IN 46901 Lebanon, IN 46052 Ron Kocienski (765) 454-4054 (765) 978-0506 Curtis Miller Matt Hutton Metronet 3701 Communications Way WATER Lebanon Utilities **ELECTRIC** Evansville, IN 47715 Boone County REMC (812) 213-1378 Korie Nellis 1207 Indianapolis Avenue 401 S. Meridian Street Lebanon, IN 46052 Lebanon, IN 46052 Purdue Light Fiber/Zayo (765) 978-0506 (765) 894-1083 9209 Casltegate Drive Matt Hutton Randy Campbell Indianapolis, IN 46256 (765) 341-1199 Lebanon Utilities Waylon Higgins 401 S. Meridian Street Lebanon, IN 46052 Windstream (765) 978-0506 5020 Smythe Drive Matt Hutton Evansville, IN 47715 (217) 876-7194 . Mark Mills

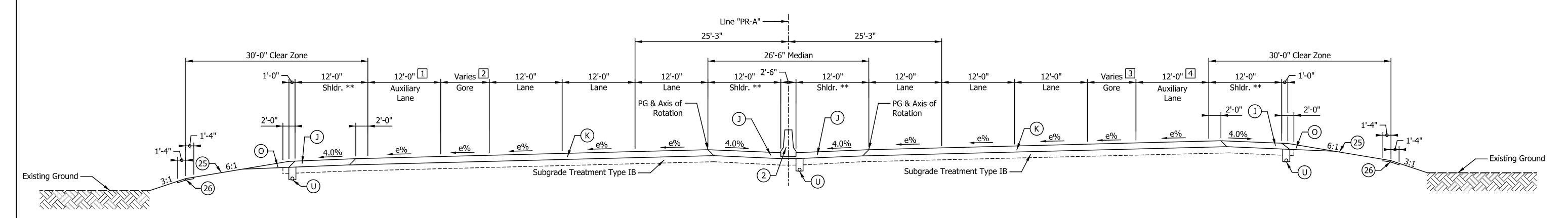
**	All earth shoulders, median areas, and cut and fill slopes shall be plain or mulch seeded except where sodding is specified
	The final cross sections of the grading contract will be the original cross sections of the paving contract. However, partial or complete cross sections shall be taken if necessary to determine the actual excavation quantities.
	The paper relocation will be cross sectioned by the Engineer before construction.
	Existing asphalt pavement located outside the construction limits, between Sta and Sta and Sta, shall be removed as directed.
	The quantity of peat excavation shown on the plans has been estimated on the basis of theoretical cross sections by using treatment of existing fills, treatment by removal, or treatment by displacement, where each treatment applies.
**	All limited access right-of-way (L.A. R/W) is to be fenced with chain link type fence (CLTF) or farm field type fence (FFTF) where specified in the plans.
**	Contractor shall verify existing flowline elevations to set the appropriate sump depth.
$\dashv$	

		REVISIONS
SHEET NO.	DATE	REVISED

	INDEX
SHEET NO.	DRAWING INDEX
1	Title Sheet
2	Index & General Notes
3-6	Typical Cross Sections
7-8	Geometric Tie-Up
9-10	Detour Plans
11-111	Maintenance of Traffic
112-153	Plan & Profiles
154-161	Superelevation Transition Diagrams
162-166	Geometric Layout
167-182	Small Structure General Details
183-184	Modified Storm Sewer Structure Details
185-189	Noise Barrier Details
190	Removal Details
191-207	Proposed Sign Details
208-219	Pavement Marking Details
220-221	Traffic Summary Tables
222-224	I.T.S. Details
225	Summary of Quantities & Approach Table
226-230	Structure Data Tables
231-476	Cross Sections

				TAIDTANIA	HORIZONTAL SCALE	BRIDGE FILE		
COMMENDED				INDIANA	N/A         SEE BRIDGE PLANS           VERTICAL SCALE         DESIGNATION           N/A         1802967           SURVEY BOOK         SHEETS           N/A         2         of         476           CONTRACT         PROJECT	SEE BRIDGE PLANS		
OR APPROVAL				DEPARTMENT OF TRANSPORTATION	VERTICAL SCALE	DESIGNATION		ı
_		DESIGN ENGINEE	R DATE		N/A	1	802967	
CICNED.	ITC	DD AMAIL.	EAV		SURVEY BOOK		SHEETS	
SIGNED:	JTS	DRAWN: EAK	EAK	INDEX AND GENERAL NOTES	N/A	2	of	476
ECKED.	KBO	OUTSULED LABOR	INDEX AND GENERAL NOTES	CONTRACT	PROJECT			
ECKED:	KRO	CHECKED:	KRO		R-41841	1	802967	





1 16' from 415+15.00 to 416+11.55 Varies from 20' @ 416+11.55 to 12' @ 420+11.55 Varies from 12' @ 420+11.55 to 0' @ 423+11.55

2 Varies from 7.9' @ 415+15.00 to 4' @ 416+11.55 0' from 416+11.55 to 423+11.55

3 0' from 160+83.08 to 167+83.08 Varies from 4' @ 167+83.08 to 13.3' @ 170+33.00 0' from 415+15.00 TO 424+17.49 4 Varies from 16' @ 160+83.08 to 12' @ 163+83.08

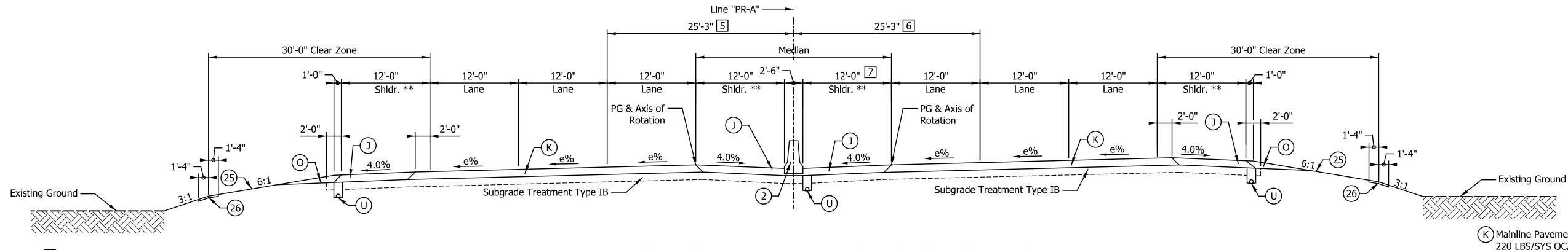
12' from 163+83.08 to 165+83.08 Varies from 12' @ 165+83.08 to 20' @ 167+83.08 16' from 167+83.08 to 170+83.08 Varies from 16' @ 415+15.00 to 12' @ 417+17.49 12' from 417+17.49 to 419+17.49

Varies from 12' @ 417+17.49 to 0' @ 424+17.49

### TYPICAL SUPERELEVATION SECTION I-65

(CURVE TO THE LEFT SHOWN)

163+83.08 TO 170+33.00 "PR-A" - NORTHBOUND (e = 2.3%, CURVE TO THE LEFT) (Includes Collector-Distributor Exit Ramp) 415+15.00 TO 424+17.49 "PR-A" - NORTHBOUND (e = 5.5%, CURVE TO THE LEFT) (Includes SR-47 Entrance Ramp)



5 Varies from 25.3' @ 433+85.53 to 25.4' @ 434+20.18 6 Varies from 25.3' @ 433+85.53 to 26.6' @ 434+20.18 7 Varies from 12' @ 433+85.53 to 13.5' @ 434+20.18

### TYPICAL SUPERELEVATION SECTION I-65

(CURVE TO THE LEFT SHOWN, MIRROR FOR CURVE TO THE RIGHT)

147+81.50 TO 170+33.00 "PR-A" - SOUTHBOUND (e = 3.4%, CURVE TO THE LEFT) 308+95.50 TO 327+07.00 "PR-A" - SOUTHBOUND (e = 2.0%, CURVE TO THE RIGHT) 423+11.55 TO 434+20.18 "PR-A" - SOUTHBOUND (e = 5.5%, CURVE TO THE LEFT)

415+15.00 TO 423+11.55 "PR-A" - SOUTHBOUND (e = 5.5%, CURVE TO THE LEFT) (Includes SR-47 Exit Ramp)

147+81.50 TO 160+83.38 "PR-A" - NORTHBOUND (e = 3.4%, CURVE TO THE LEFT) 308+95.50 TO 327+07.00 "PR-A" - NORTHBOUND (e = 2.0%, CURVE TO THE RIGHT) 424+17.49 TO 434+20.18 "PR-A" - NORTHBOUND (e = 5.5%, CURVE TO THE LEFT)

Note to Reviewer:
Preliminary pavement design
completed and final pavement design
pending geotechnical report being
finalized.

INDIANA

DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

I-65 LINE "PR-A"

Mainline Pavement consisting of:

Mainline Pavement, consisting of:

220 LBS/SYS QC/QA-HMA, 4, 76, Surface 12.5 mm - SMA, on
330 LBS/SYS QC/QA-HMA, 4, 76, Intermediate 19.0 mm, on
330 LBS/SYS QC/QA-HMA, 4, 64, Base 19.0 mm, on
385 LBS/SYS QC/QA-HMA, 4, 64, Base 19.0 mm, on

385 LBS/SYS QC/QA-HMA, 4, 64, Base 19.0 mm, on 300 LBS/SYS QC/QA-HMA, 4, 76, Intermediate OG 19.0 mm

(K1) Mainline Overlay Pavement, consisting of: 5" Milling, Asphalt

220 LBS/SYS QC/QA-HMA, 4, 76, Surface 12.5 mm - SMA, on 330 LBS/SYS QC/QA-HMA, 4, 76, Intermediate 19.0 mm

(J) Shoulder Pavement, consisting of:

220 LBS/SYS QC/QA-HMA, 3, 70, Surface 12.5 mm, on 330 LBS/SYS QC/QA-HMA, 3, 70, Intermediate 19.0 mm, on 330 LBS/SYS QC/QA-HMA, 3, 64, Base 25.0 mm, on 385 LBS/SYS QC/QA-HMA, 3, 64, Base 25.0 mm, on 385 LBS/SYS QC/QA-HMA, 3, 64, Base 25.0 mm, on

300 LBS/SYS QC/QA-HMA, 4, 76, Intermediate OG 19.0 mm
(J1) Outside Shoulder Overlay, consisting of:
5" Milling, Asphalt

220 LBS/SYS QC/QA-HMA, 3, 70, Surface 12.5 mm, on 330 LBS/SYS QC/QA-HMA, 3, 70, Intermediate 19.0 mm, on

O Compacted Aggregate, No. 53

(U)Underdrain, Type 4, 6"

(W) Guardrail, MGS, W-Beam, 6 FT-3 IN Spacing

(W1) Guardrail, Thrie Beam, Double Faced

CONTRACT

R-41841

2)45 in. Concrete Barrier

(25) Seed Mixture, R

(26) Sodding

\*\* Shoulder With Milled HMA Corrugations, Conventional

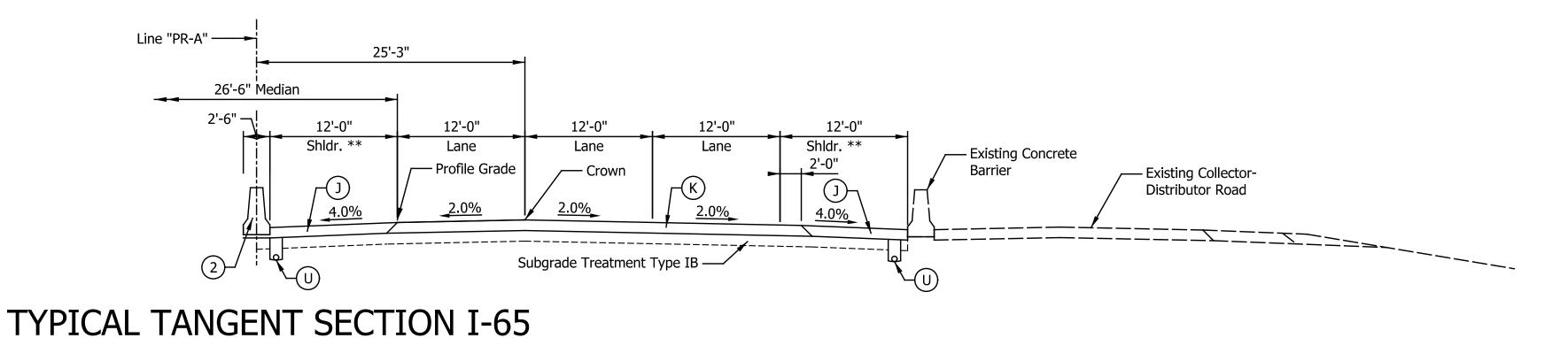
DATE REVISION

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER DAT	Ē
DESIGNED:	JTS	DRAWN:JTS	_
CHECKED:	KRO	CHECKED: KRO	_

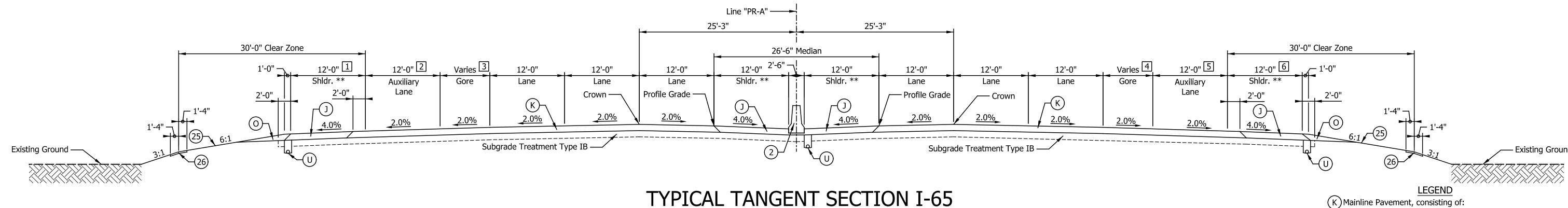
HORIZONTAL SCALE	BRI	DGE F	FILE
1/8" = 1'-0"	SEE BR	IDGE	PLANS
VERTICAL SCALE	DES	[GNA]	ΓΙΟΝ
1/8" = 1'-0"	18	30296	57
SURVEY BOOK	S	HEET	S
N/A	4	of	476

PROJECT

1802967



174+64.97 TO 183+56.38 "PR-A" - NORTHBOUND



- 1 10' from 169+12.29 to 173+12.29 Varies from 10' @ 173+12.29 to 12' @ 176+53.52 Varies from 12' @ 176+53.52 to 10.5' @ 189+14.82 Varies from 12' @ 385+39.09 to 10' @ 387+39.09 10' from 387+39.09 to 388+48.01 Varies from 11.9' @ 409+72.37 to 12' @ 17410+68.13
- 2 16' from 169+12.29 to 173+12.29 Varies from 20' @ 173+12.29 to 12' @ 176+53.52 Varies from 12' @ 180+82.80 to 18' @ 183+82.80 16' from 183+82.80 to 189+14.82 Varies from 12' @ 382+39.09 to 18' @ 385+39.09 16' from 385+39.09 to 386+48.01 16' from 409+72.37 to 415+15.00
- 3 Varies from 12' @ 171+12.29 to 4' @ 173+12.29 0' from 173+12.29 to 183+82.80 Varies from 2' @ 183+82.80 to 20' @ 189+14.82 0' from 381+70.34 to 385+39.09 Varies from 2' @ 385+39.09 to 24.8' @ 388+48.01 Varies from 34.5' @ 409+72.37 to 7.9' @ 415+15.00
- | 4 | Varies from 13' @ 170+33.00 to 19.7' @ 174+64.97 Varies from 19.1' @ 183+56.38 to 2' @ 187+37.38 0' from 187+37.38 to 197+37.63 0' from 381+70.34 to 383+03.31 Varies from 2' @ 383+03.31 to 34.4' @ 389+64.20 Varies from 24.6' @ 410+87.38 to 2' @ 414+17.49 0' from 414+17.49 to 415+15.00

171+01.88 TO 189+14.82 "PR-A" - SOUTHBOUND (Includes US-52 Entrance Ramp) 381+70.34 TO 388+48.01 "PR-A" - SOUTHBOUND (Includes SR-47 Entrance Ramp) 409+72.37 TO 415+15.00 "PR-A" - SOUTHBOUND (Includes SR-47 Exit Ramp)

170+33.00 TO 174+64.97 "PR-A" - NORTHBOUND (Includes Collector-Distributor Exit Ramp) 183+56.38 TO 197+37.63 "PR-A" - NORTHBOUND (Includes Collector-Distributor Entrance Ramp & US-52 Underpass) 381+70.34 TO 389+64.20 "PR-A" - NORTHBOUND (Includes SR-47 Exit Ramp) 410+87.38 TO 415+15.00 "PR-A" - NORTHBOUND (Includes SR-47 Entrance Ramp)

5 16' from 170+33.00 to 172+10.25 Varies from 16' @ 172+10.25 to 13.8' @ 174+64.97 Varies from 14.4' @ 183+56.38 to 16' @ 184+83.19 16' from 184+83.19 to 187+37.38 Varies from 18' @ 187+37.38 to 12' @ 190+37.75 Varies from 12' @ 191+37.75 to 0' @ 197+37.75 Varies from 16.5' @ 381+70.34 to 20' @ 383+03.31 16' from 383+03.31 to 388+68.97 Varies from 16' @ 388+68.97 to 15.9' @ 389+64.20 Varies from 16.4' @ 410+87.38 to 16' @ 412+02.13 16' from 412+02.13 to 414+17.49 Varies from 18' @ 173+12.29 to 16' @ 415+15.00

6 Varies from 12' @ 173+06.73 to 24.3' @ 173+09.23 Varies from 24.3' @ 173+09.23 to 0' @ 174+64.97 Varies from 0' @ 183+56.38 to 30.9' @ 184+80.42 Varies from 30.9' @ 184+80.42 to 10' @ 184+82.29 Varies from 10' @ 184+82.29 to 12' @ 187+37.38 Varies from 12' @ 386+03.31 to 10' @ 387+03.31 Varies from 10' @ 387+03.31 to 9.9' @ 389+64.20 Varies from 9.9' @ 410+87.38 to 10' @ 412+17.59 Varies from 10' @ 412+17.59 to 12' @ 414+17.59

Note to Reviewer: Preliminary pavement design completed and final pavement design pending geotechnical report being

finalized.

<u>LEGEND</u> (K) Mainline Pavement, consisting of: 220 LBS/SYS QC/QA-HMA, 4, 76, Surface 12.5 mm - SMA, on 330 LBS/SYS QC/QA-HMA, 4, 76, Intermediate 19.0 mm, on 330 LBS/SYS QC/QA-HMA, 4, 64, Base 19.0 mm, on 385 LBS/SYS QC/QA-HMA, 4, 64, Base 19.0 mm, on 385 LBS/SYS QC/QA-HMA, 4, 64, Base 19.0 mm, on 300 LBS/SYS QC/QA-HMA, 4, 76, Intermediate OG 19.0 mm

(K1) Mainline Overlay Pavement, consisting of: 5" Milling, Asphalt

220 LBS/SYS QC/QA-HMA, 4, 76, Surface 12.5 mm - SMA, on 330 LBS/SYS QC/QA-HMA, 4, 76, Intermediate 19.0 mm

( J ) Shoulder Pavement, consisting of: 220 LBS/SYS QC/QA-HMA, 3, 70, Surface 12.5 mm, on 330 LBS/SYS QC/QA-HMA, 3, 70, Intermediate 19.0 mm, on 330 LBS/SYS QC/QA-HMA, 3, 64, Base 25.0 mm, on 385 LBS/SYS QC/QA-HMA, 3, 64, Base 25.0 mm, on 385 LBS/SYS QC/QA-HMA, 3, 64, Base 25.0 mm, on 300 LBS/SYS QC/QA-HMA, 4, 76, Intermediate OG 19.0 mm

(J1)Outside Shoulder Overlay, consisting of: 5" Milling, Asphalt 220 LBS/SYS QC/QA-HMA, 3, 70, Surface 12.5 mm, on 330 LBS/SYS QC/QA-HMA, 3, 70, Intermediate 19.0 mm, on

(O)Compacted Aggregate, No. 53

(U)Underdrain, Type 4, 6"

(W)Guardrail, MGS, W-Beam, 6 FT-3 IN Spacing

(W1) Guardrail, Thrie Beam, Double Faced

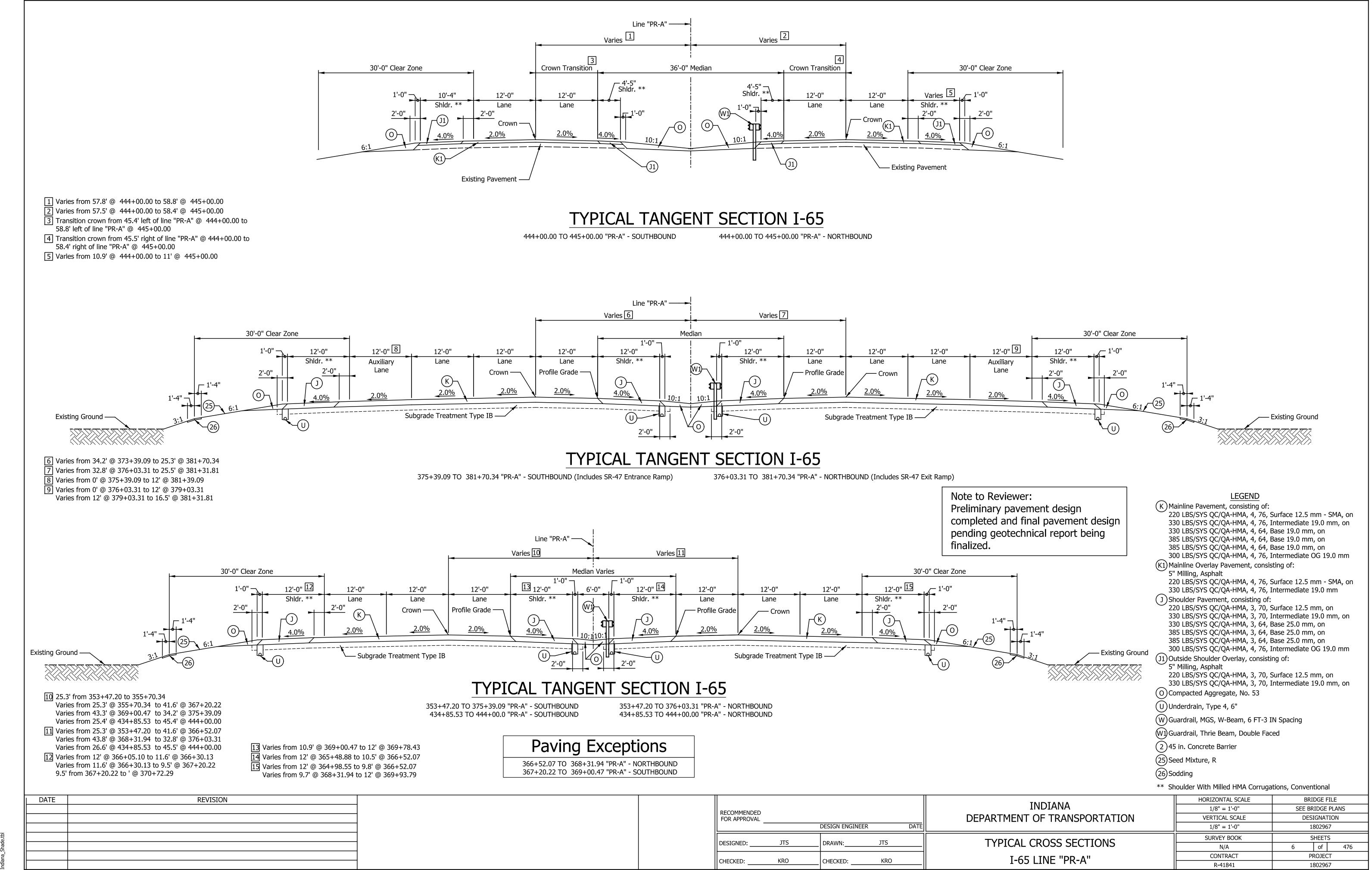
(2)45 in. Concrete Barrier

(25) Seed Mixture, R

(26) Sodding

\*\* Shoulder With Milled HMA Corrugations, Conventional

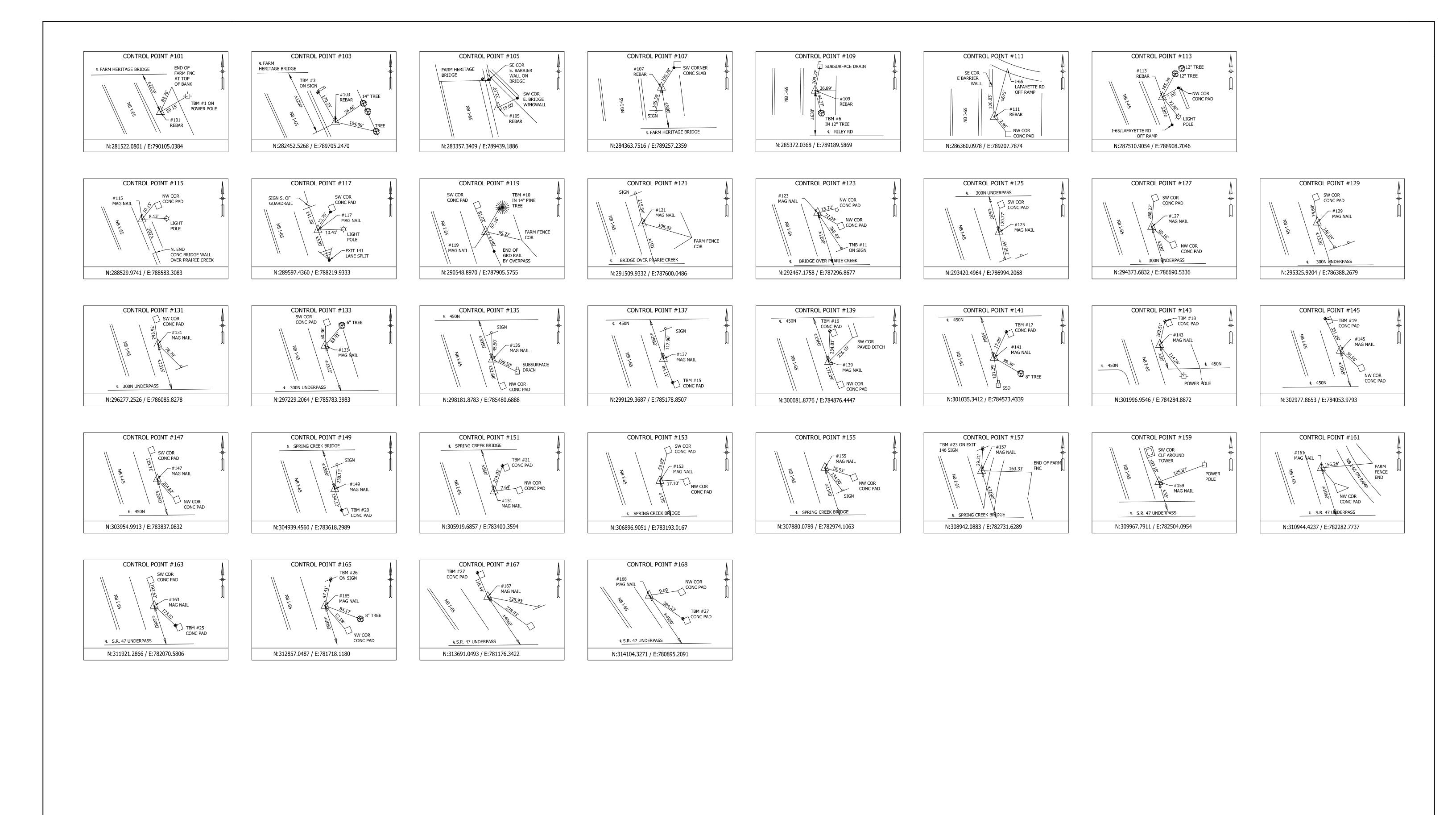
DATE REVISION				INDIANA	HORIZONTAL SCALE	BRIDGE FILE
	RECOMMENDED	=n			1/8" = 1'-0"	SEE BRIDGE PLANS
	FOR APPROVAL	AL		DEPARTMENT OF TRANSPORTATION	VERTICAL SCALE	DESIGNATION
		DESIGN EN	NGINEER DATE		1/8" = 1'-0"	1802967
	DECICNED.	ITC DDAMAN	1TC	TYPICAL CROSS SECTIONS	SURVEY BOOK	SHEETS
	DESIGNED:	DRAWN:	313	TIPICAL CRUSS SECTIONS	N/A	5 of 476
	CHECKED	KRO CHECKED:	): KRO	I-65 LINE "PR-A"	CONTRACT	PROJECT
	CHECKED:	CHECKED:	o; <u>nru</u>	I-OO LINE PR-A	R-41841	1802967



ekuntz

2/21/2020

P:\2018\02792\D. Drawings\201802792.RD.TY.04.dgn



RECOMMENDED

DATE

ekuntz

2/21/2020

10:43:17 AM P:\2018\02792\D. Drawings\201802792.RD.GE.01.dgn

**REVISION** 

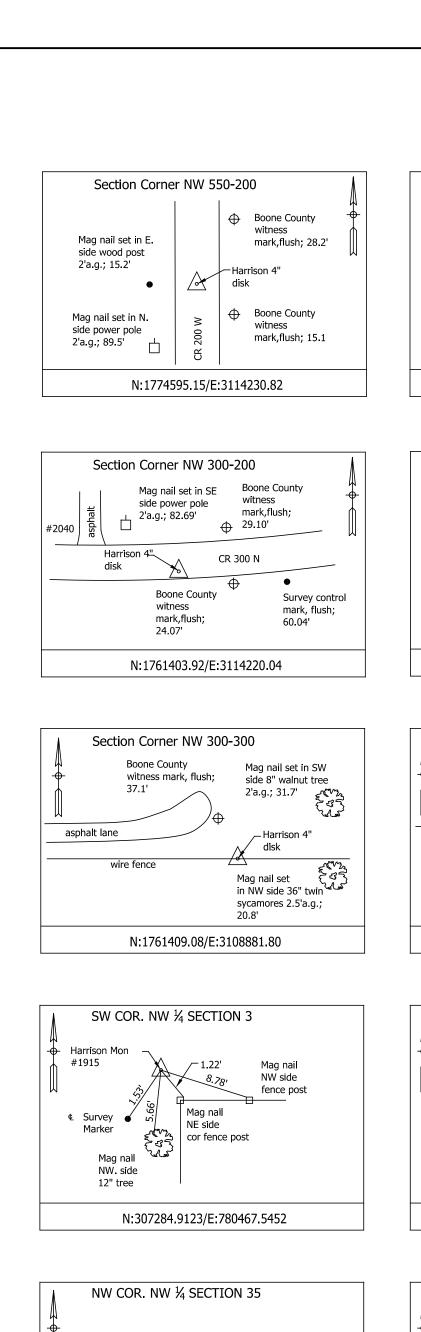
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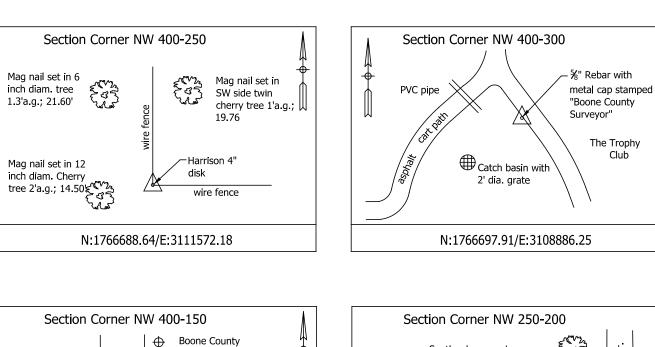
HORIZONTAL SCALE

N/A

**BRIDGE FILE** 

SEE BRIDGE PLANS





witness

Harrison 4"

Mag nail set in E.

Mag nail set in N.

side wood post,

2'a.g., 73.94'

#1916

Mag nail

Fence post

E side

side wood post,

2'a.g., 35.84'

wire fence

mark,flush; 31.8'

Boone County

mark,flush; 30.6'

Mag nail set in

N:1766778.10/E:3116826.22

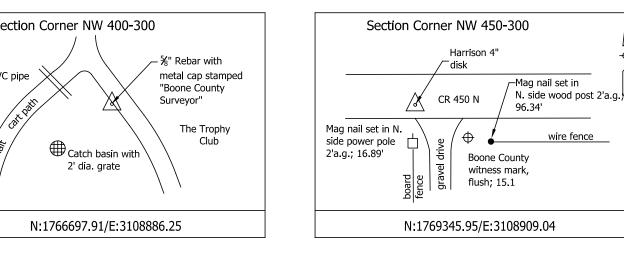
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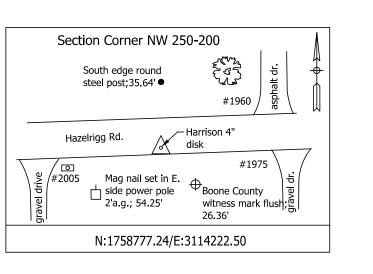
N:312576.7400/E:780467.9411

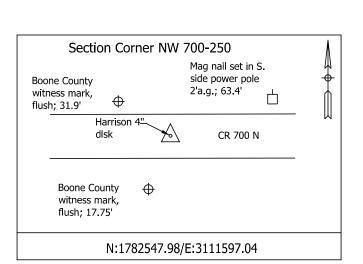
SW COR. NW ¼ SECTION 34

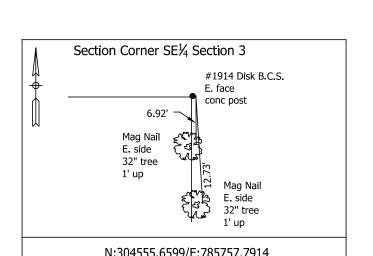
N.W. side power

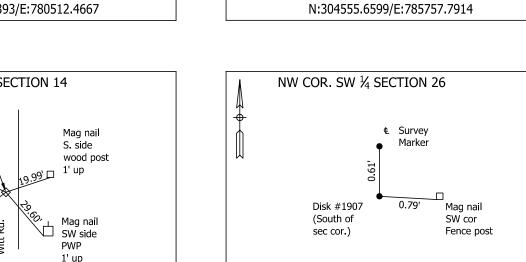
pole 2'a.g., 161.9'

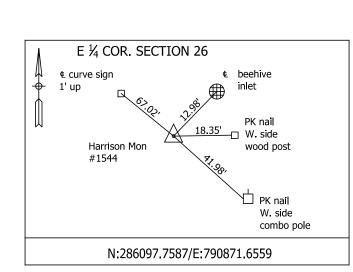


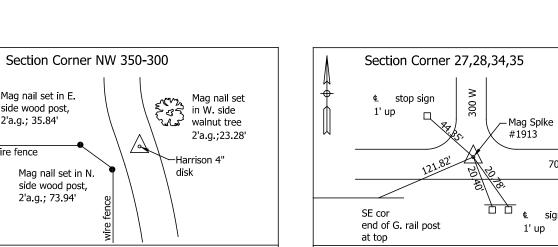


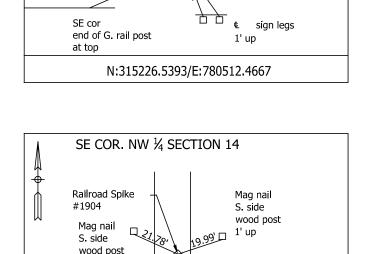


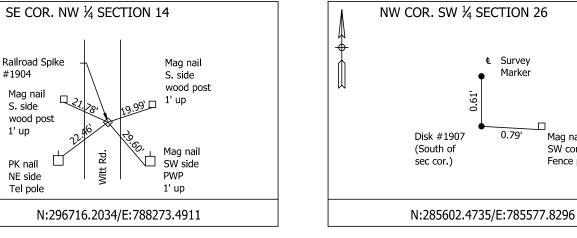




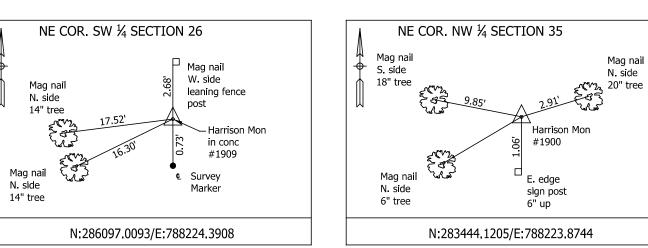


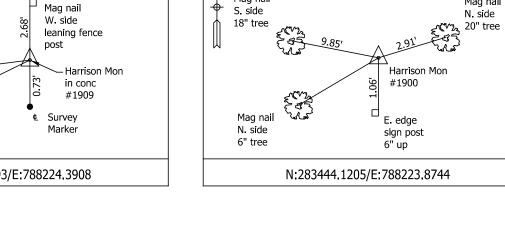


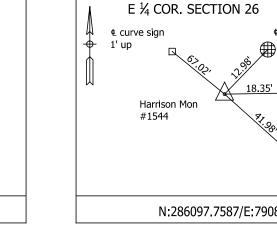




700 N







CHISELED "X" ON THE NW BOLT OF THE WEST OF THE "REST AREA 1.5 MILES" SIGN LOCATED ±70' E OF THE & OF NB I-65 AND ±700' S OF MILE MARKER 146.6. ELEV:893.55

ELEV:922.44

TBM #3

ELEV:933.33

ELEV:953.03

ELEV:929.01

ELEV: 915.79

ELEV:926.78

ELEV:924.33

ELEV:924.65

ELEV:912.37

€ OF 300N.

ELEV: 918.07

MARKER 143.2 SIGN.

MARKER 143.6 SIGN. ELEV:919.32

MARKER 143.8 SIGN.

MARKER 144.0 SIGN.

MARKER 144.2 SIGN.

MARKER 144.4 SIGN. ELEV:903.72

MARKER 144.6 SIGN.

MARKER 145.4 SIGN. ELEV:891.54

MARKER 145.4 SIGN. ELEV:889.07

ELEV:899.60

TBM #21

ELEV:913.42

ELEV: 909.73

ELEV:906.76

ELEV:924.79

AND THE 100 NE TURNAROUND.

THE NB I-65 BRIDGE OVER RAMP.

CHISELED SQUARE ON THE S SIDE OF THE E CONC WALL OF THE NB

I-65 BRIDGE OVER PRAIRIE CREEK AND FARM HERITAGE TRAIL.

CHISELED "X" ON THE NW BOLT OF THE W POST OF THE "FOR TRUCKS AND VEHICLES WITH TRAILERS" SIGN LOCATED ±65' WEST

OF THE & OF NB I-65 AND ±400'N OF FARM HERITAGE TRAIL.

MAG SPIKE IN THE SW SIDE OF A 12" TREE LOCATED ±65' E OF THE

€ OF NB I-65 AND ±550' N OFF THE EXTENDED € OF RILEY ROAD

CHISELED SQUARE ON THE CENTER OF THE HEADWALL LOCATED

±35' S OF THE LAFAYETTE ROAD EXIT SIGN AND ±90' E OF THE € OF

CHISELED SQUARE ON THE W SIDE OF THE CONCRETE FOR EXIT 141

RAILROAD SPIKE IN THE NW SIDE OF A 12" PINE LOCATED ±65' E OF THE & OF NB I-65 AND ±250' N FLY OVER THE BRIDGE FOR SR 52.

CHISELED "X" ON THE NW BOLT OF THE WEST POST OF THE "FOR

TRUCKS AND VEHICLES WITH TRAILERS" SIGN LOCATED ±65' E OF

THE & OF NB I-65 AND ±1300' N FLY OVER THE BRIDGE FOR SR 52.

CHISELED SQUARE ON THE NW CORNER OF A GRATED BOX END

SECTION LOCATED ±66' E OF THE & OF NB I-65 AND ±100' S OF THE

CHISELED SQUARE ON THE NW CORNER OF A SUB SURFACE DRAIN

CHISELED SQUARE ON THE NW CORNER OF A SUB SURFACE DRAIN LOCATED ±65' E OF THE & OF NB I-65 AND ±600' S OF THE MILE

CHISELED SQUARE ON THE NW CORNER OF A SUB SURFACE DRAIN

CHISELED SQUARE ON THE NW CORNER OF A SUB SURFACE DRAIN

CHISELED SQUARE ON THE NW CORNER OF A SUB SURFACE DRAIN LOCATED ±60' E OF THE & OF NB I-65 AND ±125' S OF THE MILE

CHISELED SQUARE ON THE NW CORNER OF A SUB SURFACE DRAIN LOCATED ±60' E OF THE & OF NB I-65 AND ±50' S OF THE MILE

CHISELED SQUARE ON THE NW SIDE OF A SUB SURFACE DRAIN

LOCATED ±60' E OF THE & OF NB I-65 AND ±30' N OF THE MILE

CHISELED SQUARE ON THE NW CORNER OF A SUB SURFACE DRAIN

CHISELED SQUARE ON THE NW CORNER OF A SUB SURFACE DRAIN

CHISELED SQUARE ON THE NW CORNER OF A SUB SURFACE DRAIN

LOCATED ±60' E OF THE & OF NB I-65 AND ±200' S OF THE MILE

LOCATED ±60' E OF THE & OF NB I-65 AND ±150' S OF THE MILE

LOCATED ±65' E OF THE & OF NB I-65 AND ±250' S OF THE EXIT

LOCATED ±65' E OF THE & OF NB I-65 AND ±15' N OF THE MILE

LOCATED ±65' E OF THE & OF NB I-65 AND ±175' S OF THE MILE

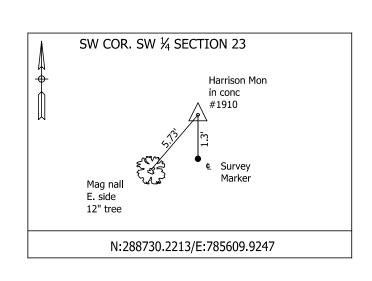
LOCATED ±60' E OF THE & OF NB I-65 AND ±300' S OF THE MILE

AND I-65N OVERHEAD SIGN LOCATED ON THE E SIDE OF I-65 AT

CHISELED SQUARE ON THE NW CORNER OF A SUB SURFACE DRAIN LOCATED ±65' E OF THE & OF NB I-65 AND ±300' N OF THE MILE

RRS SW SIDE OF CP#3869 LOCATED +/- 20' NE OF & LAFAYETTE AVE. & 40' S OF ENTRANCE TO KISE ESTATES. ELEV:925.20

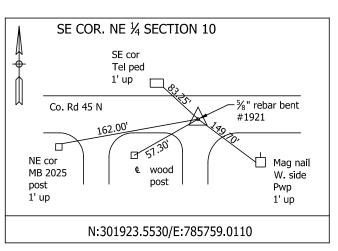
CHISELED "X" ON THE NW BOLT OF NORTH POST FOR EXIT LEFT 141 ON S. SIDE OF U.S. 52 RAMP FOR I-65 SOUTH. ELEV 927 72



N:283439.0468/E:785579.6248

Harrison Mon

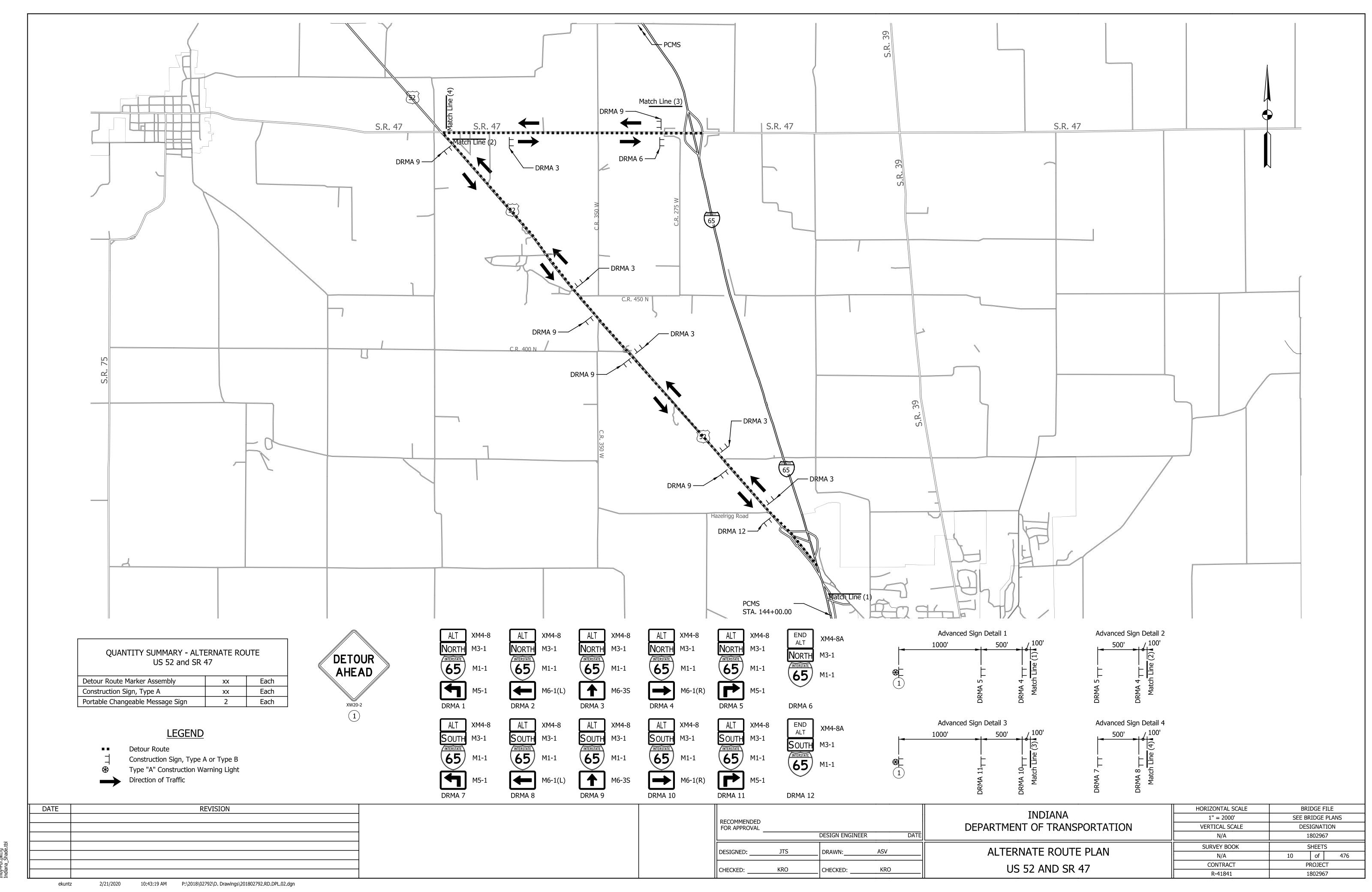
#1908



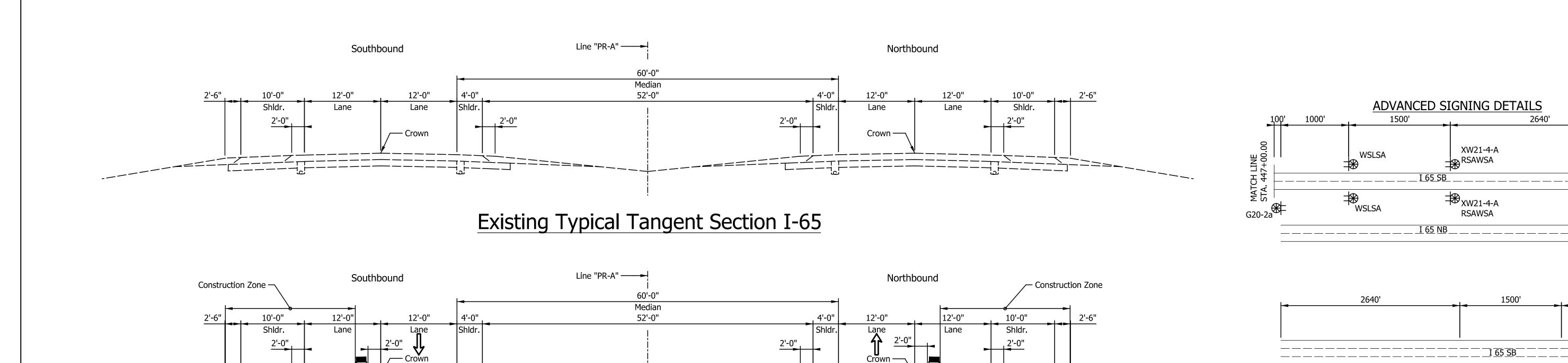
CHISELED "X" ON THE NW BOLT OF THE WEST POST OF THE EXIT 146 SIGN LOCATED BETWEEN NB I-65 AND THE EXIT RAMP. ELEV: 894.77 CHISELED SQUARE ON THE NW CORNER OF A SUB SURFACE DRAIN LOCATED ±60' E OF THE & OF NB I-65 AND ±200' S OF THE MILE MARKER 146.0 SIGN. CHISELED SQUARE ON THE NW CORNER OF A SUB SURFACE DRAIN LOCATED ±60' E OF THE & OF NB I-65 AND ±250' N OF THE MILE MARKER 146.2 SIGN. ELEV:895.82

DATE REVISION HORIZONTAL SCALE BRIDGE FILE INDIANA N/A SEE BRIDGE PLANS RECOMMENDED DEPARTMENT OF TRANSPORTATION VERTICAL SCALE DESIGNATION FOR APPROVAL DESIGN ENGINEER N/A 1802967 SURVEY BOOK SHEETS GEOMETRIC TIE-UP EAK ORAWN: DESIGNED: N/A of 476 CONTRACT PROJECT SECTION CORNERS & TEMPORARY BENCHMARKS KRO CHECKED: CHECKED: R-41841 1802967

- 48 Lft. of Type III A Barricades & Road Closure Sign Assembly, Type 1 Req'd Match Line (1) 24 Lft. of Type III-A Barricades & Ramp Closure Sign Assembly, Type I Req'd Slabtown Road DRMA 6 Match Line (3) Match Line (2) S.R. 32 — DRMA 4 DRMA 3 2 QUANTITY SUMMARY - Full Closure Detour **DETOUR** DETOUR DETOUR DETOUR DETOUR Lafayette Ave. I-65 Southbound Exit Ramp **EXIT END** CLOSED Detour Route Marker Assembly Lafayette Lafayette Lafayette Lafayette Lafayette Advanced Sign Detail 1 Advanced Sign Detail 2 Advanced Sign Detail 3 CLOSED Each Construction Sign, Type A AHEAD Ave. Ave. Ave. Ave. Ave. 300' 72 Lft. Type III-A Barricade **DETOUR** 2 Each Road Closure Sign Assembly Lafayette XW 20-2 Ave. XW 20-3G XW 106-1-A (48"X48") (48"X48") (48"X48") DRMA 1 XM 4-8 DRMA 2 XM 4-8 DRMA 3 XM 4-8 DRMA 4 XM 4-8 DRMA 5 XM 4-8 DRMA 6 XM 4-8A XD 3-1 M 5-1 (L) XD 3-1 M 6-1 (L) XD 3-1 M 6-3 (S) XD 3-1 XD 3-1 M 5-1 (R) XD 3-1 4 **(5) 6** M 6-1 (R) LAFAYETTE AVE EXIT 141 CLOSED **RAMP** ROAD USE SR 32 <u>LEGEND</u> CLOSED CLOSED ■ Detour Route R11-3a Mod. (60"X30") R 11-2 (48"X18") R 11-2 Direction of Traffic Construction Sign, Type A or Type B (48"X18") ★ Type "A" Construction Warning Light Construction Area Ramp Closure Road Closure Sign Assembly, Type 2 Sign Assembly, Type III-A or III-B Barricade <u>в в</u> Туре "В" Construction Warning Light Type 2 DATE REVISION HORIZONTAL SCALE **BRIDGE FILE** INDIANA SEE BRIDGE PLANS 1'' = 1,000'RECOMMENDED DEPARTMENT OF TRANSPORTATION VERTICAL SCALE DESIGNATION FOR APPROVAL DESIGN ENGINEER N/A 1802967 SURVEY BOOK SHEETS **DETOUR PLAN** ASV DRAWN:\_ DESIGNED: of 476 N/A 9 CONTRACT PROJECT LAFAYETTE AVE SB EXIT RAMP CHECKED: \_\_\_ KRO CHECKED: \_ R-41841 1802967 10:43:19 AM P:\2018\02792\D. Drawings\201802792.RD.DPL.01.dgn ekuntz 2/21/2020

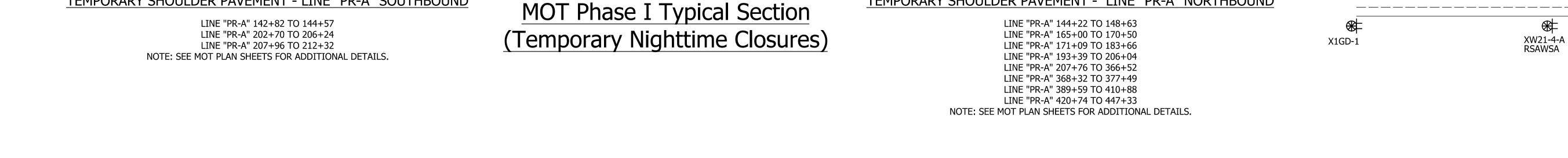


Indy-Pdf.pltcfg



— Standard Drum

TEMPORARY SHOULDER PAVEMENT - LINE "PR-A" NORTHBOUND



### Legend:

HMA FOR TEMPORARY PAVEMENT, TYPE D: Consisting of: 165 lbs/sys, Surface, Type D, on 385 lbs/sys, Intermediate, Type D, on 385 lbs/sys, Base, Type D, on 385 lbs/sys, Base, Type D, on Subgrade Treatment, Type 1C, on Existing Natural Subgrade

### PHASE ONE - General Notes:

Design Speed: Mainline I-65 = 55 mph Design Speed: Interchange Ramps = 50 mph

Design Clear Zone: Mainline I-65 = 24 ft Design Clear Zone: Interchange Ramps = 22 ft

Nightly lane closures of northbound and southbound driving lanes in order to construct the temporary HMA pavement for shoulder strengthening

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TEMPORARY SHOULDER PAVEMENT - LINE "PR-A" SOUTHBOUND

US 52 Ramps: access to remain open for I-65 NB to US 52 WB exit ramp; US 52 EB to I-65 SB entrance ramp

SR 47 Ramps: access to remain open to I-65 NB Exit, Entrance Ramps and I-65 SB Exit, Entrance Ramps

Lafayette Ave. Ramps: access to remain open to I-65 SB Exit and I-65 NB/US 52 WB CD Entrance Ramp

Detour Plan Signage setup for the Alternate Route Plan US 52 and SR 47

SINGLE LANE CLOSURE TIMES					
LANE CLOSURE	MON THURS.	THURS FRI.	SAT.	SAT SUN.	SUN MON.
I-65 NORTHBOUND	9 PM - 6 AM				
I-65 SOUTHBOUND	9 PM - 6 AM				

### LANE CLOSURE TAPER DETAILS XW20-1 XW20-5(L) XW9-2A(R) XW4-2-A(L) XW20-1 XW20-5(L) XW4-2-A(L) XW9-2A(R) 2640' 1500' XW20-5(L) XW9-2A(R) XW4-2-A(L) XW20-1 XW20-5(L) XW9-2A(R) XW4-2-A(L)

X1GD-1

G20-2a

MATCH LINE STA. 105+00.

1000'

WSLSA

WSLSA

XW21-4-A

RSAWSA

		HORIZONTAL SCALE	BRIDO
		INDIANA 1/8" = 1'-0"	SEE BRID
FOR APPROVAL	│ DEPARTME	NT OF TRANSPORTATION VERTICAL SCALE	DES
DESIGN ENGIN	DESIGN ENGINEER DATE	1/8" = 1'-0"	1802967
DECYCNED ITC DRAWN	S DRAMAL ITC BAATRITI	SURVEY BOOK	SHEETS
DESIGNED: DRAWN:	S DRAWN: JIS MAIN I	ENANCE OF TRAFFIC N/A	11 of
CUECKED. KBO CUECKED.	TVDICAL	CECTIONS DUACE I CONTRACT	PROJ
ECKED: CHECKED:	CHECKED: NO ITPICAL	SECTIONS - PHASE I	18



### PHASE I NOTES:

Lane drop tapers shall be within 500-feet of the start of the night time closure work. Left-lane closures shall use the same lane drop length as shown for the right-lane closures. The length of lane closure shall be limited to the anticipated length of shoulder that can be milled/resurfaced on a nightly basis.

DATE	REVISION	

Type "A" Construction Warning Light Type III-A or III-B Barricade

<u>в</u> В Type "B" Construction Warning Light

Flashing Arrow Sign Temporary Traffic Barrier, Type 2 Temporary Traffic Barrier, Type 2, Anchored



Temp. Pavement Marking, Removable, 8 in., White

(5) Temp. Pavement Marking, Removable, 8 in., Yellow T HMA for Temporary Pavement, Type D

Energy Absorbing Terminal, CZ, TL-3

HMA for Temporary

Pavement, Type D

Standard Drum

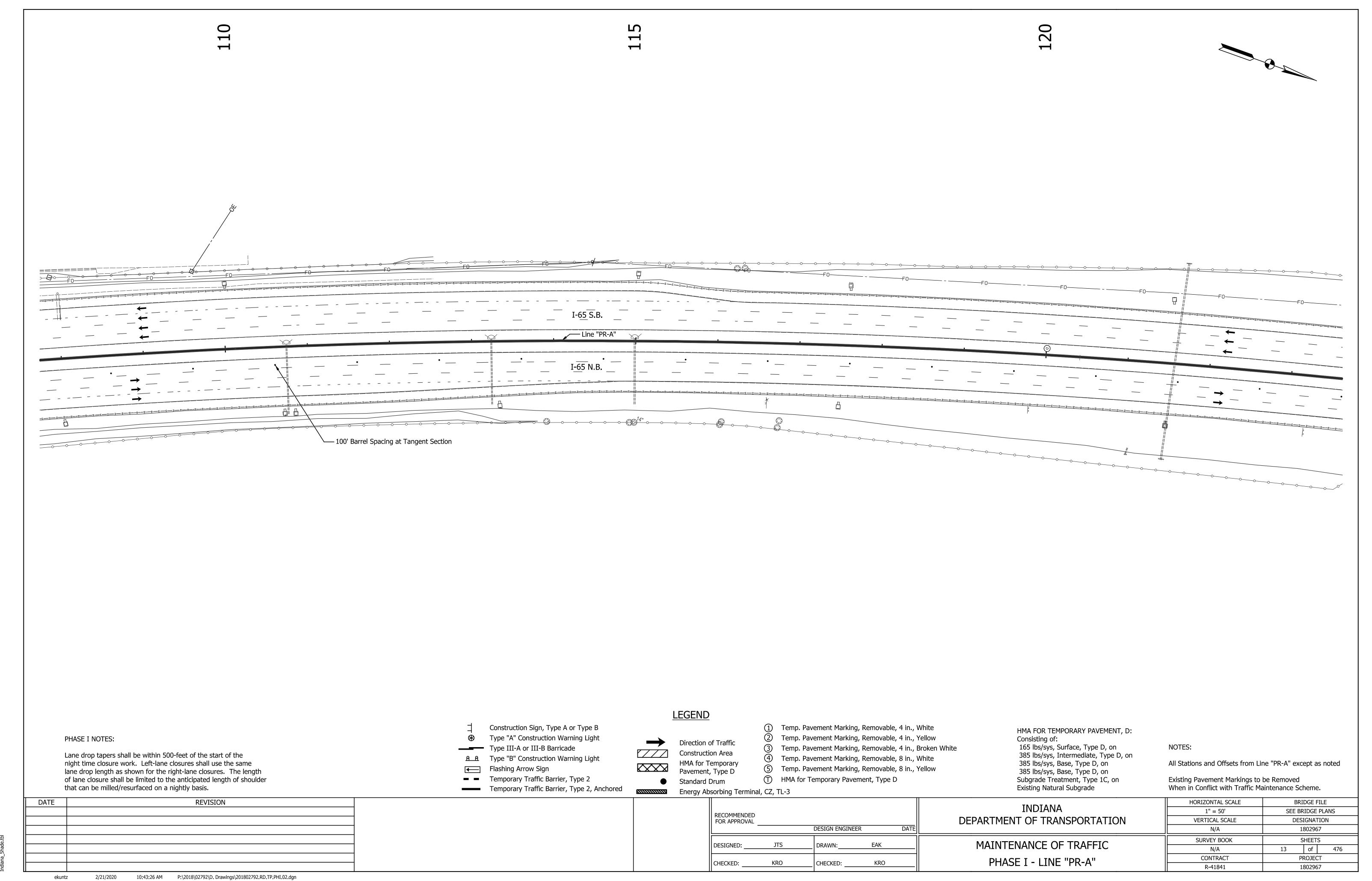
Consisting of:
165 lbs/sys, Surface, Type D, on
385 lbs/sys, Intermediate, Type D, on
385 lbs/sys, Base, Type D, on
385 lbs/sys, Base, Type D, on
Subgrade Treatment, Type 1C, on
Existing Natural Subgrade

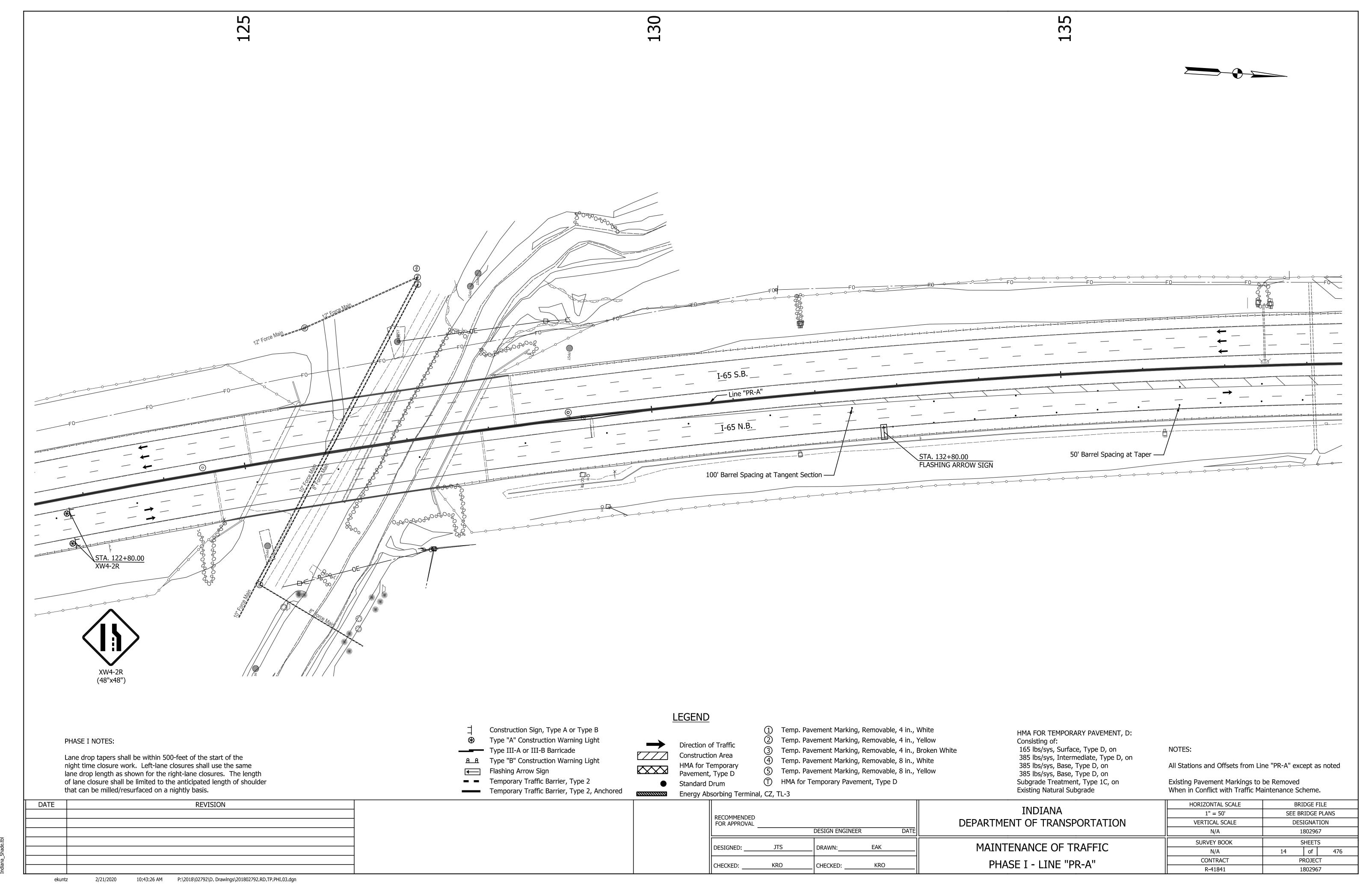
All Stations and Offsets from Line "PR-A" except as noted

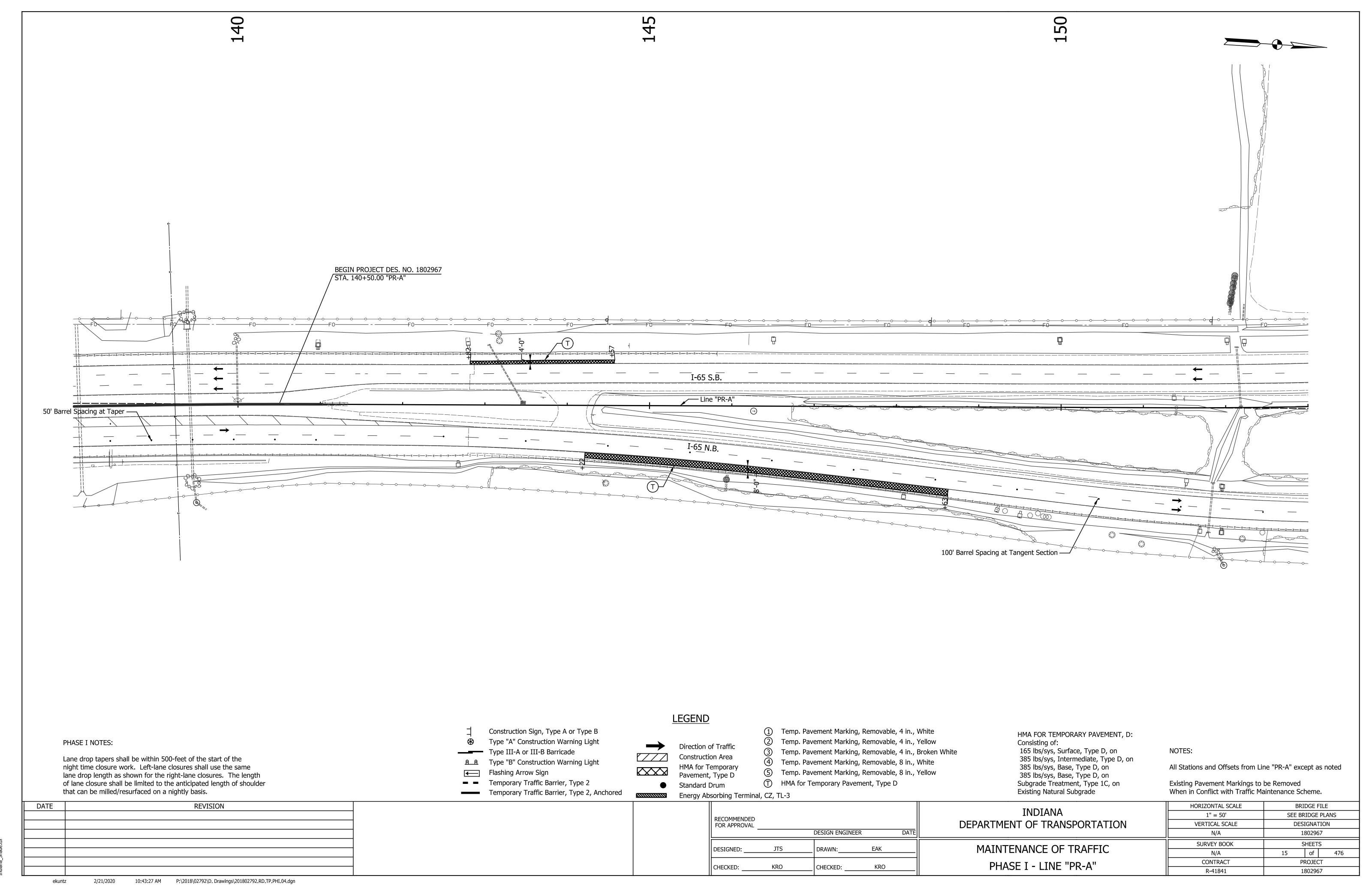
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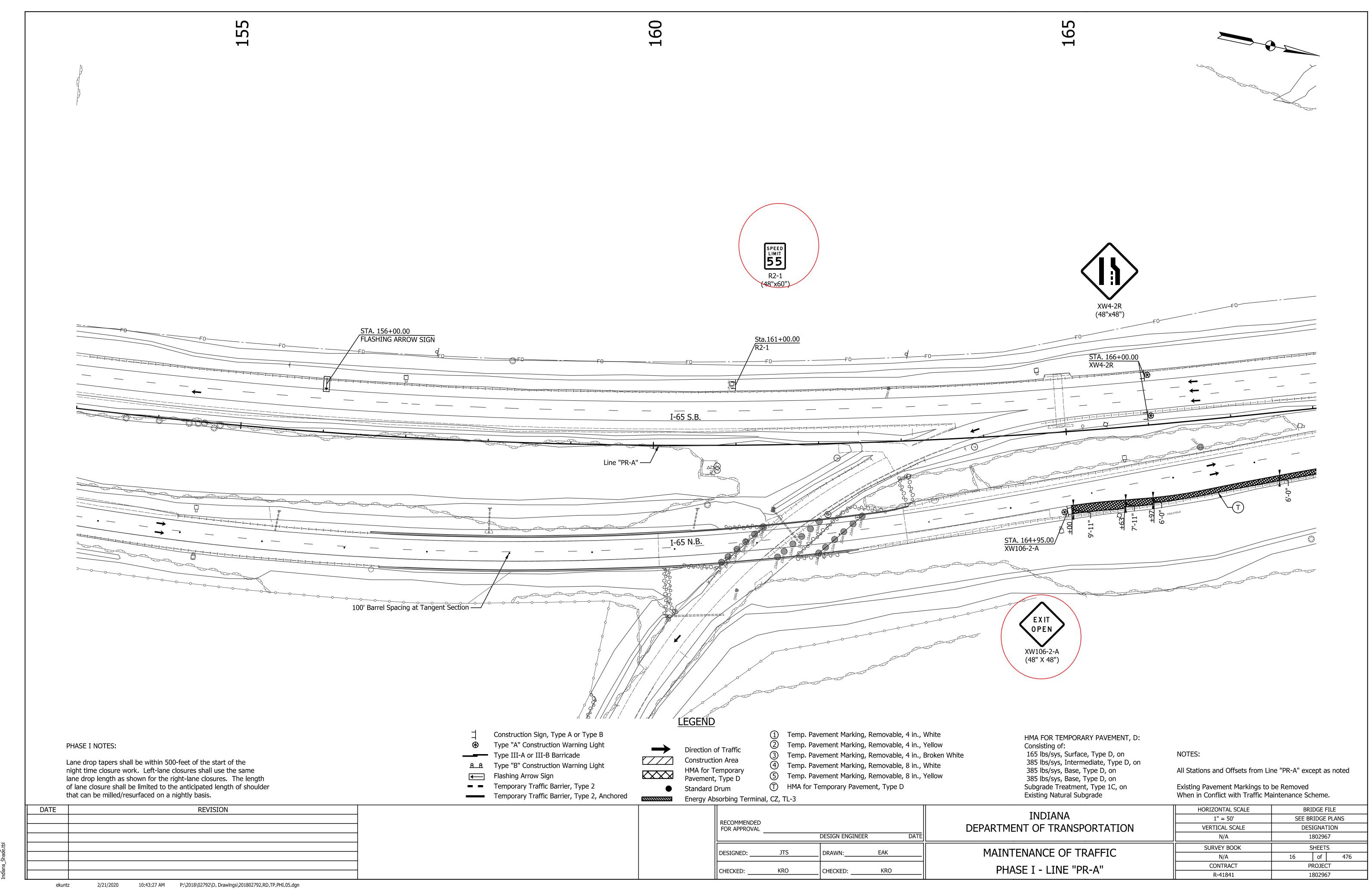
Existing Pavement Markings to be Removed When in Conflict with Traffic Maintenance Scheme.

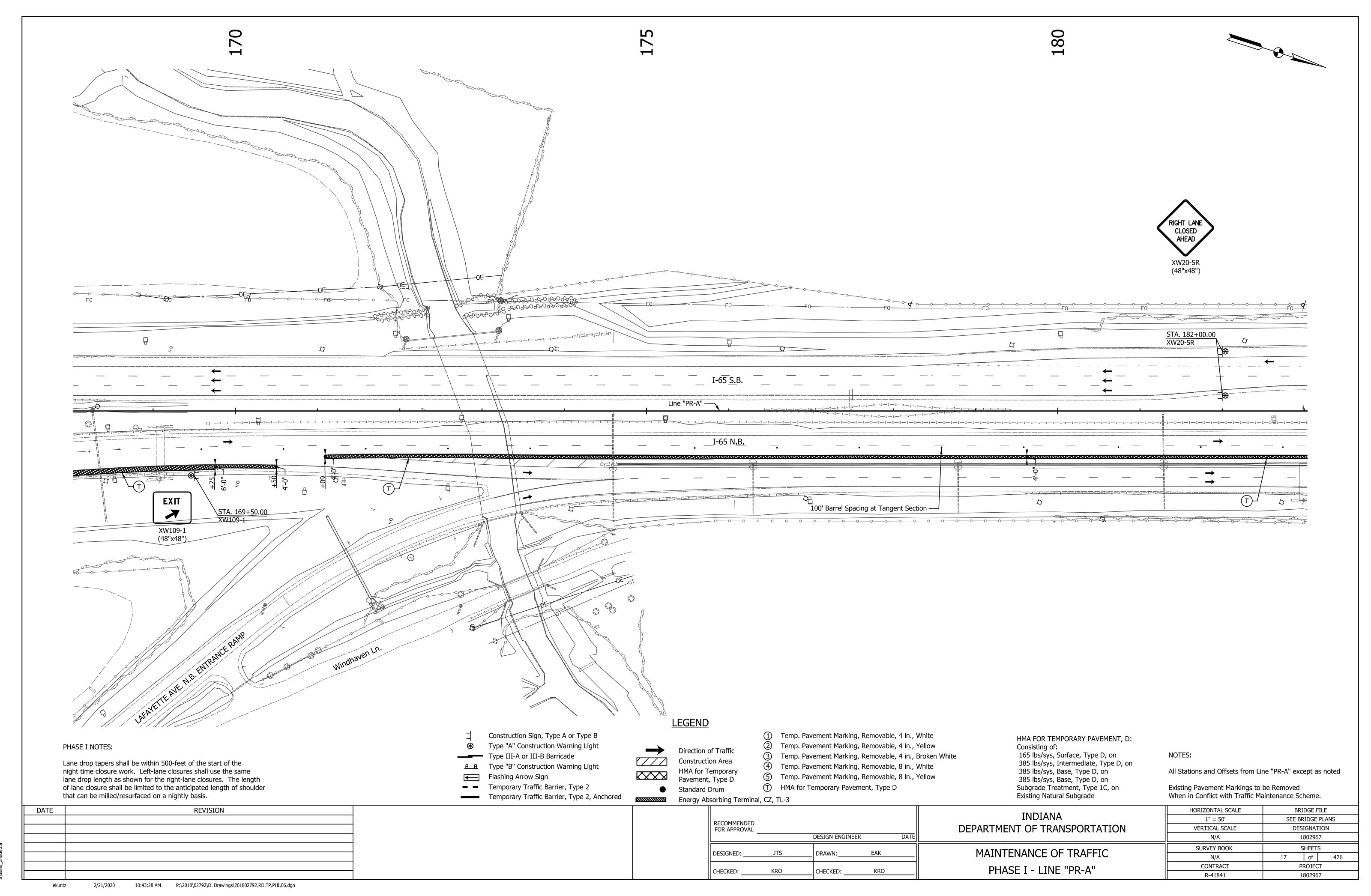
		TNIDTANIA	HORIZONTAL SCALE	BRIDGE FILE	
RECOMMENDED		INDIANA	1" = 50'	SEE BRIDGE PLANS	
FOR APPROVAL		DEPARTMENT OF TRANSPORTATION	VERTICAL SCALE	DESIGNATION	
	DESIGN ENGINEER DATE		N/A	1802967	
DECICNED: ITC	JTS DRAWN: EAK MAINTENANC	MAINTENANCE OF TRAFFIC	SURVEY BOOK	SHEETS	
DESIGNED: JTS		MAINTENANCE OF TRAFFIC	N/A	12 of 476	
CHECKED: KRO	CHECKED. KDO	PHASE I - LINE "PR-A"	CONTRACT	PROJECT	
CHECKED: KRO	KRO CHECKED: KRO		R-41841	1802967	

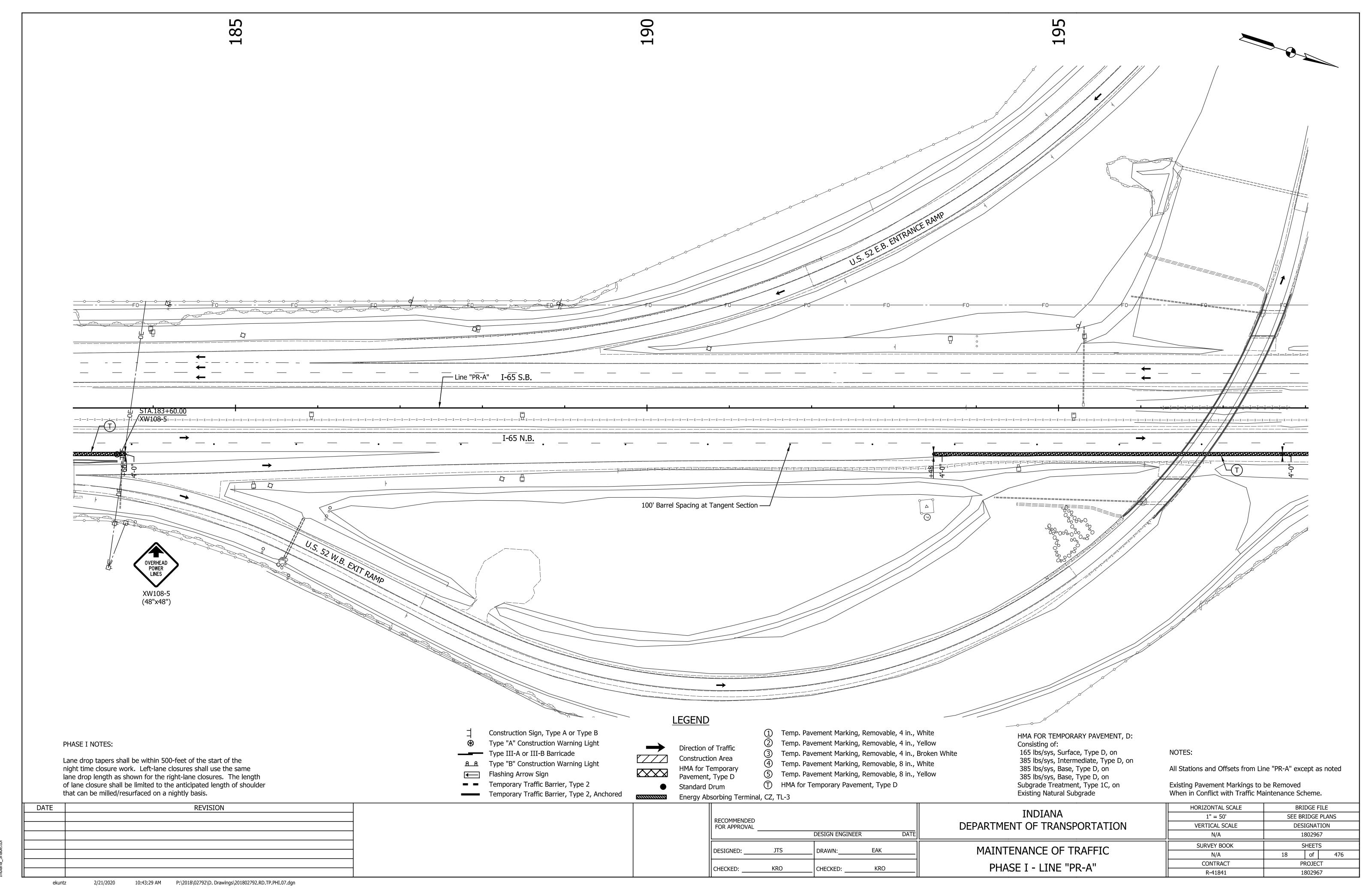


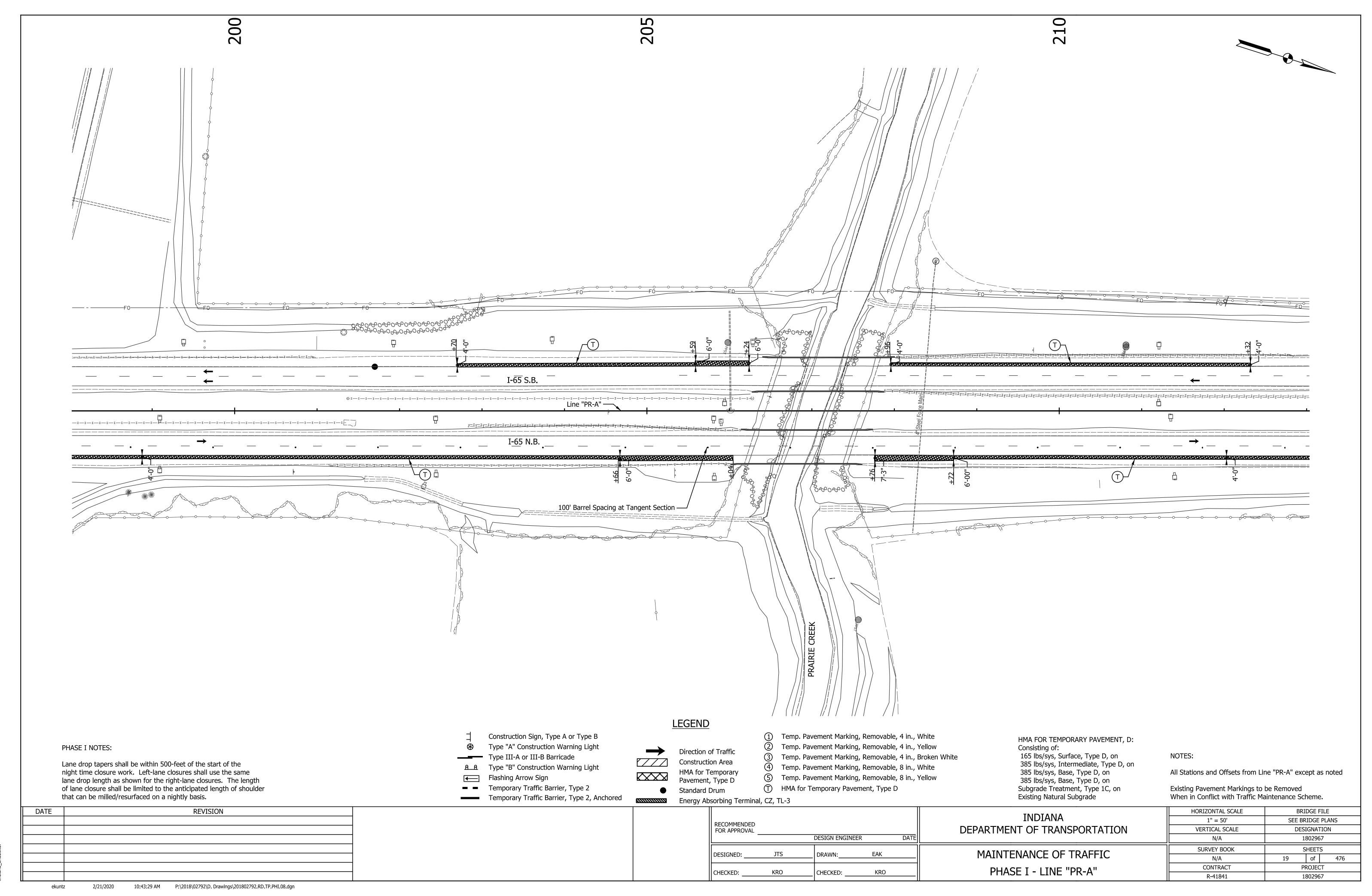


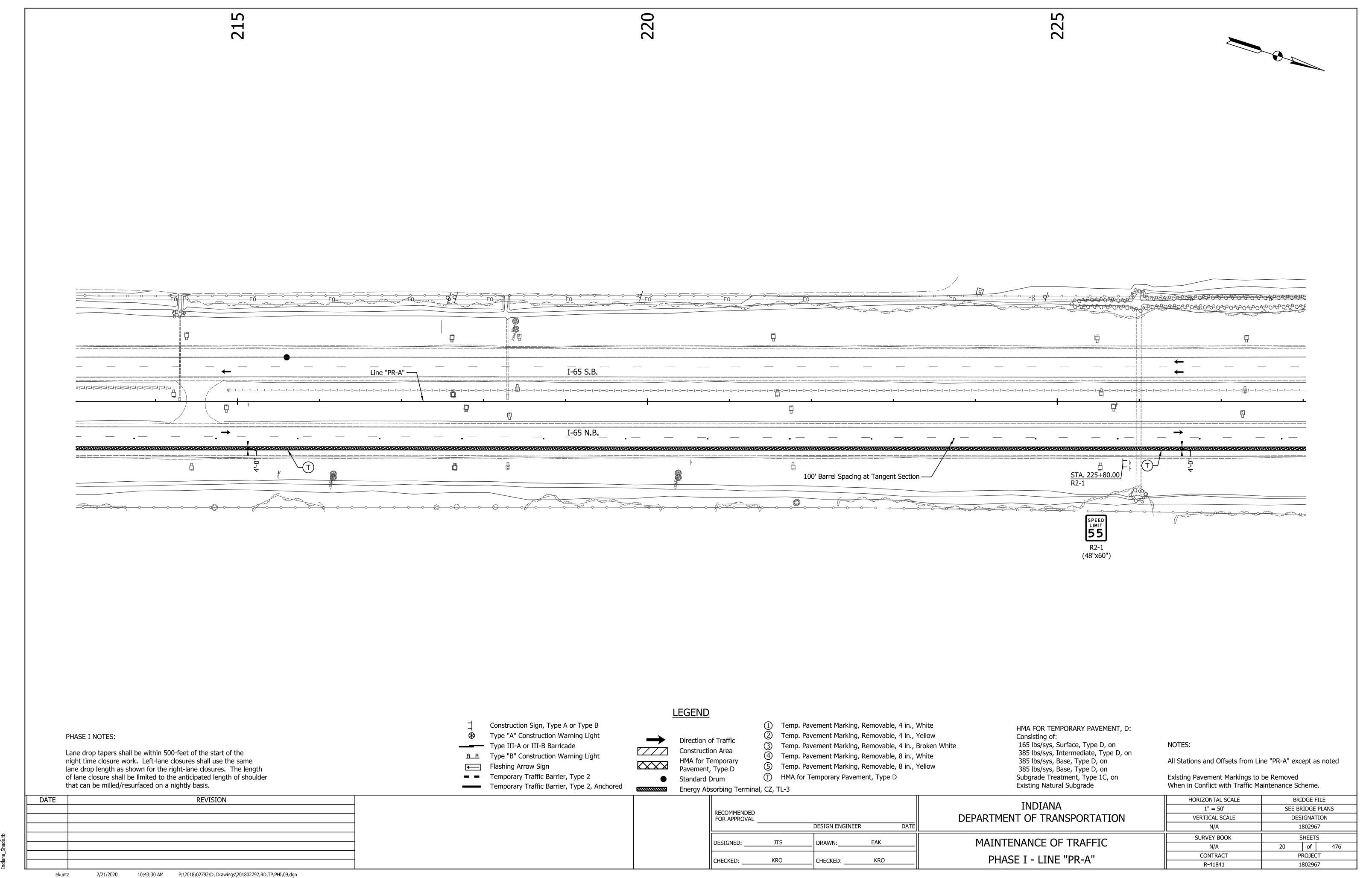


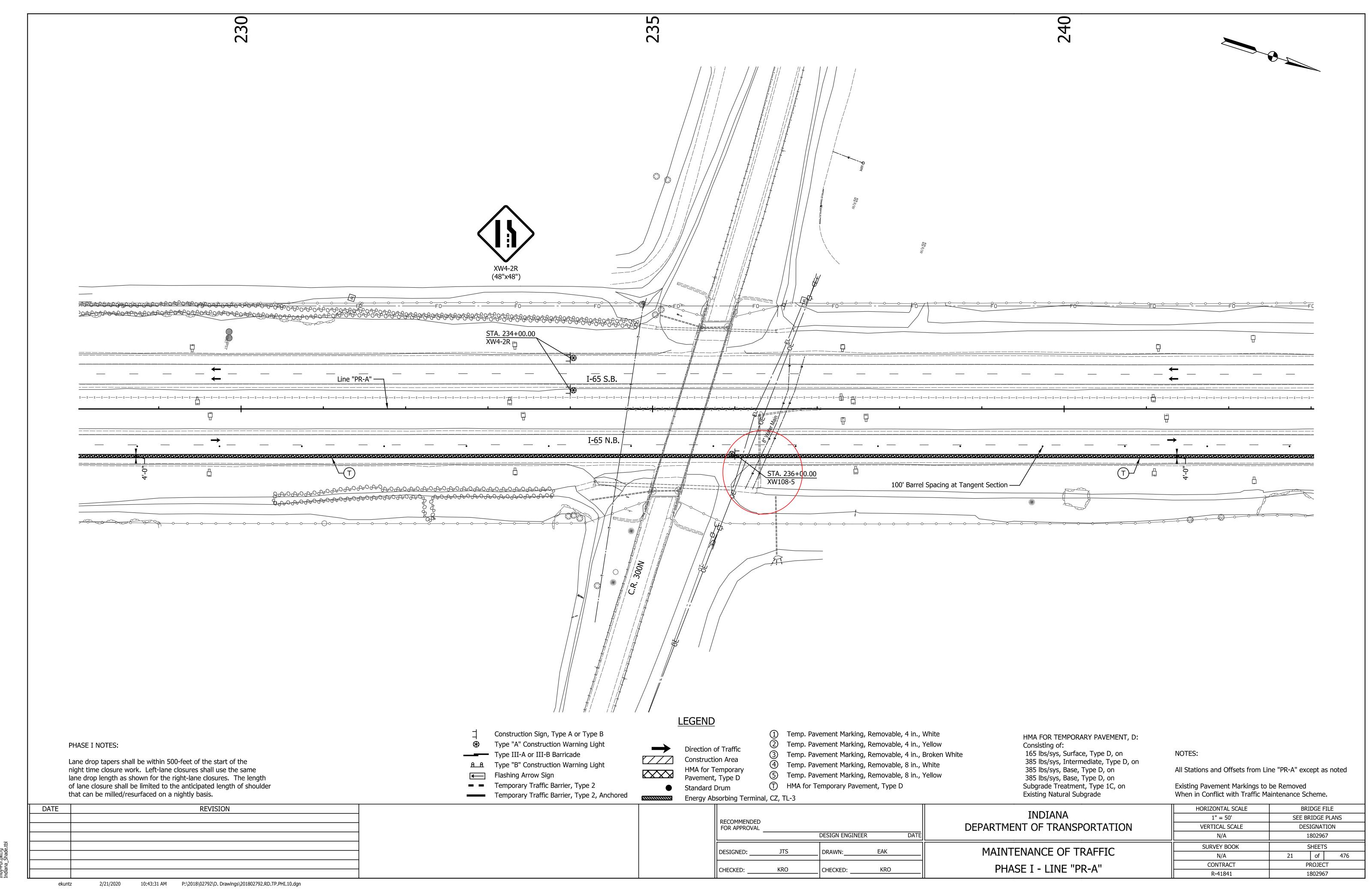


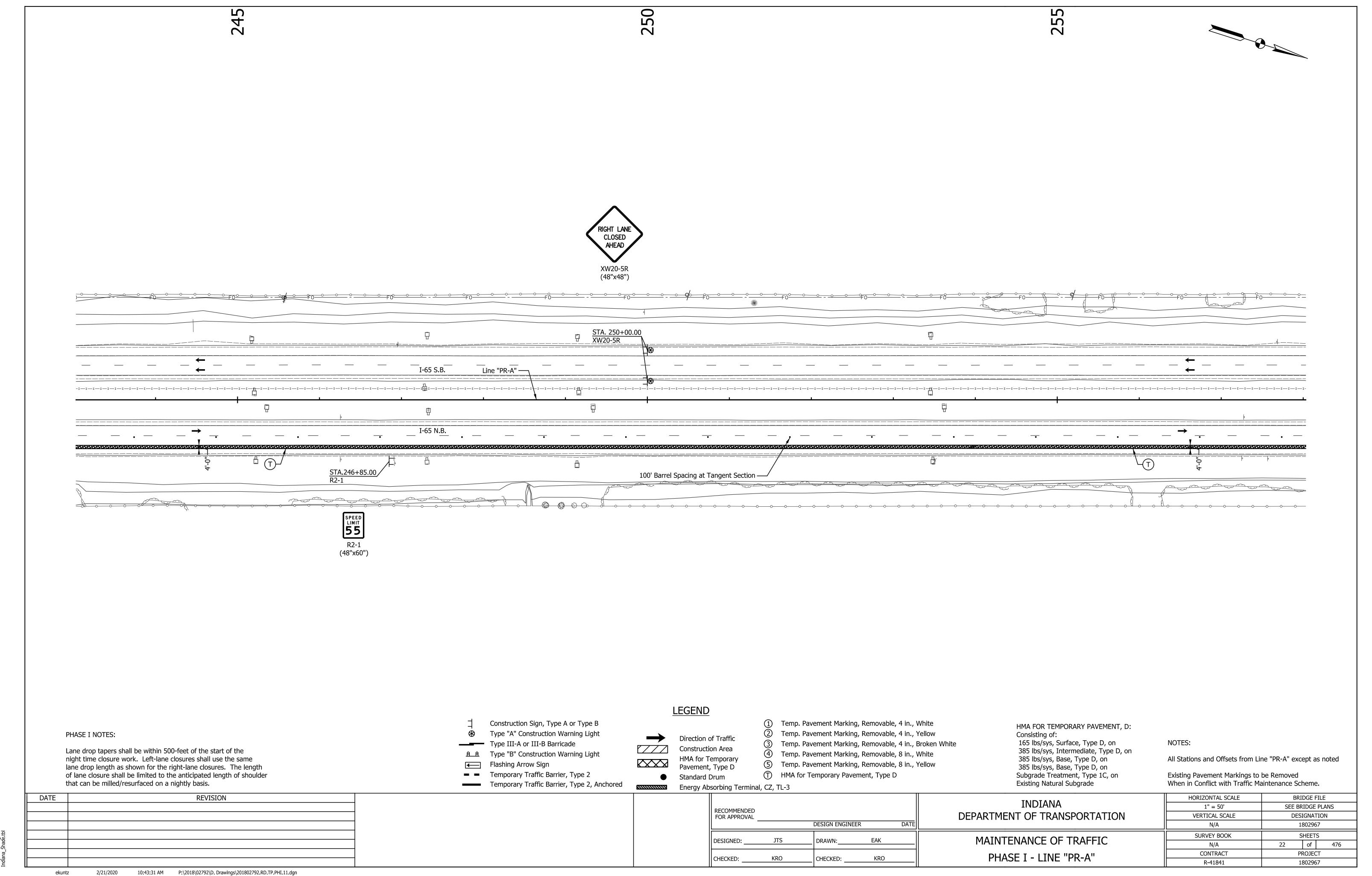


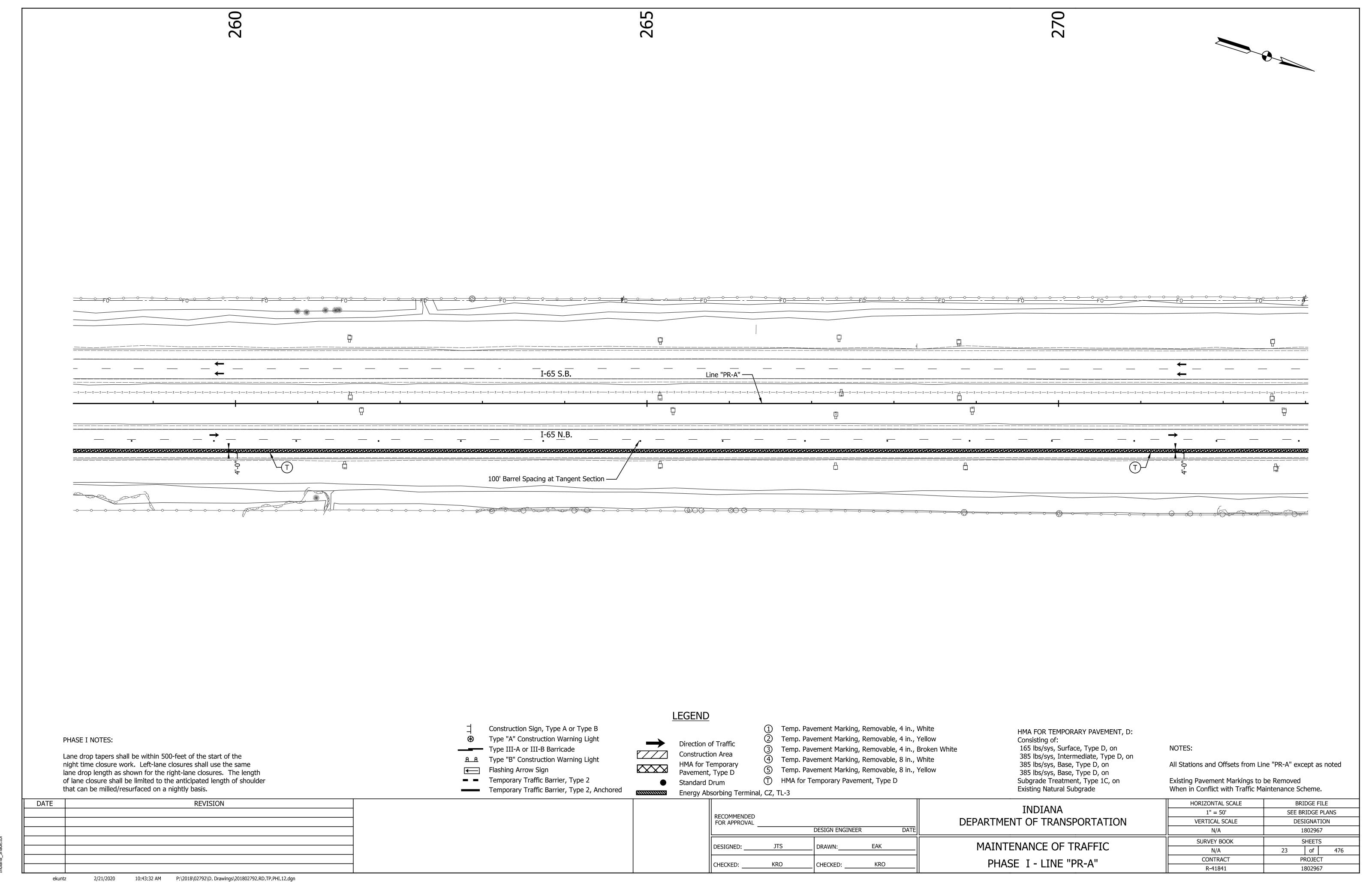


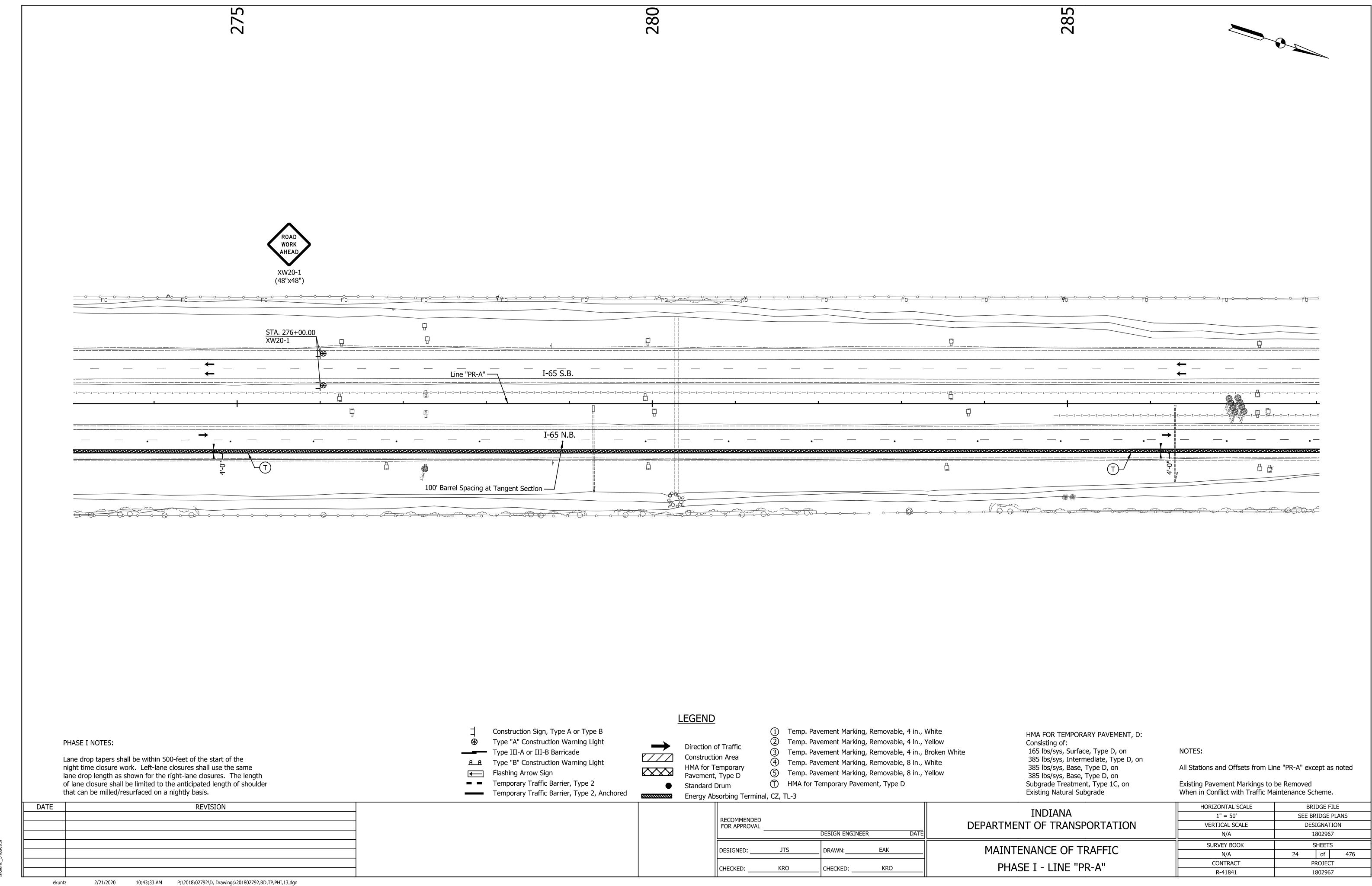






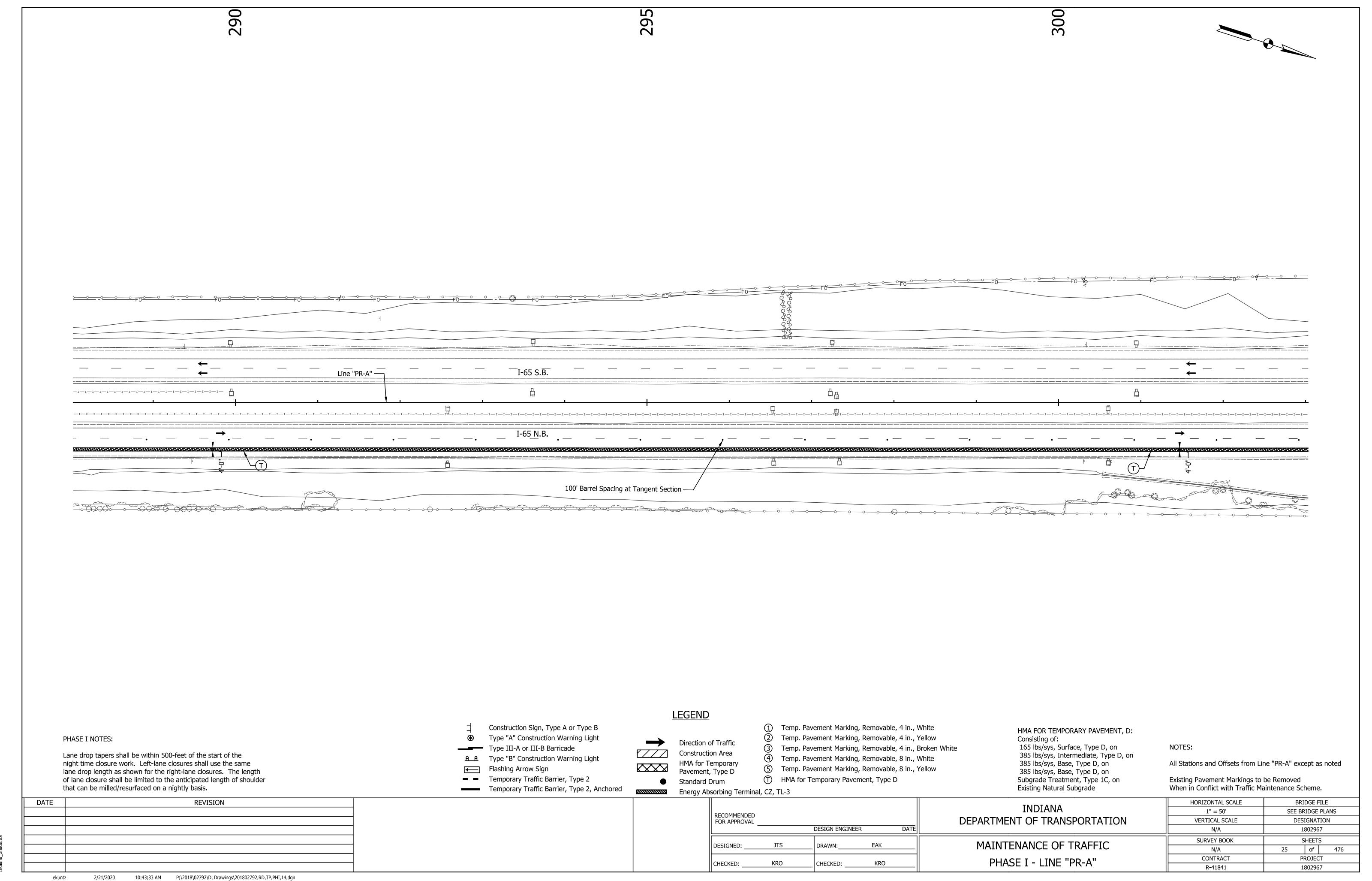


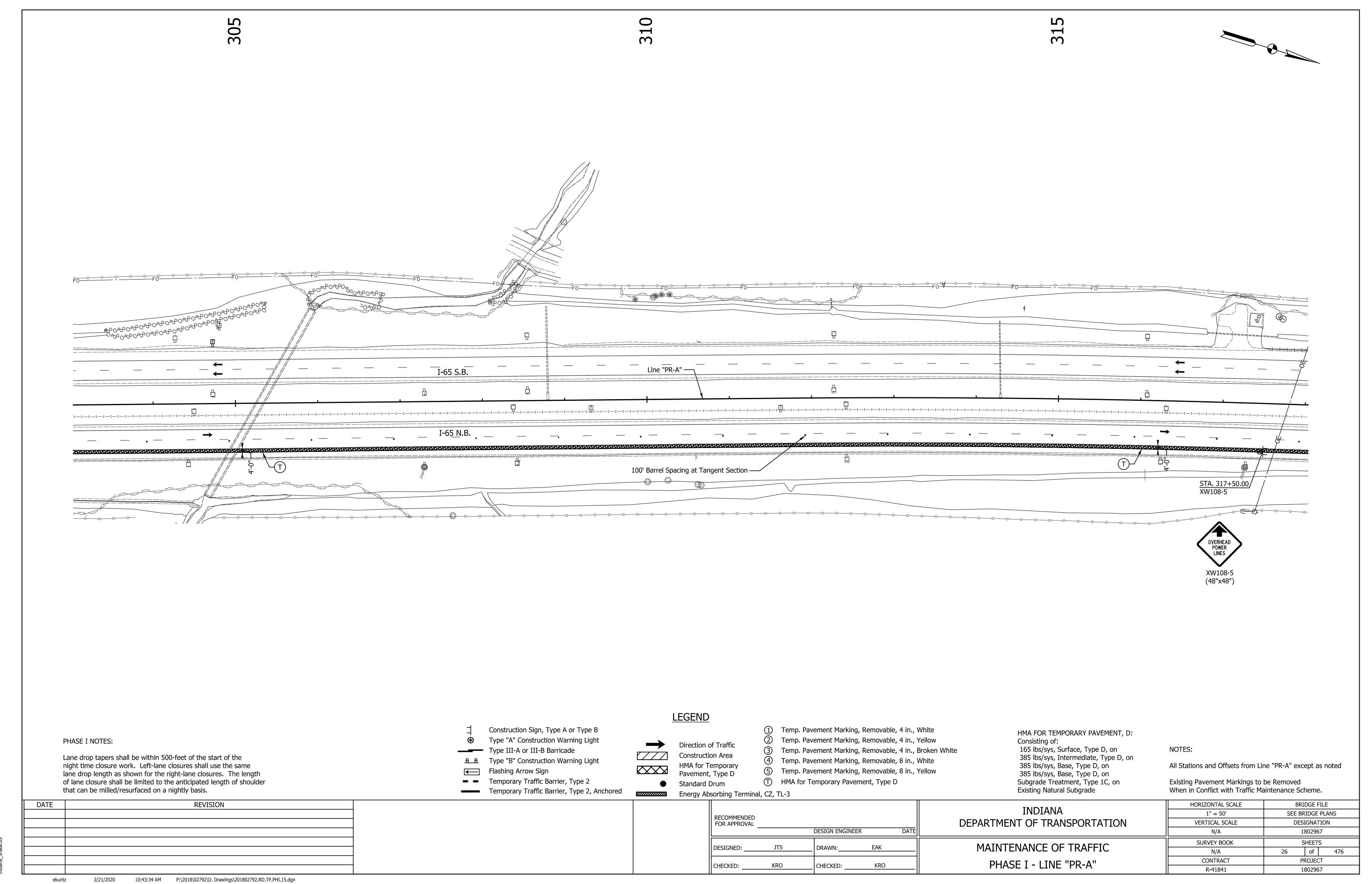


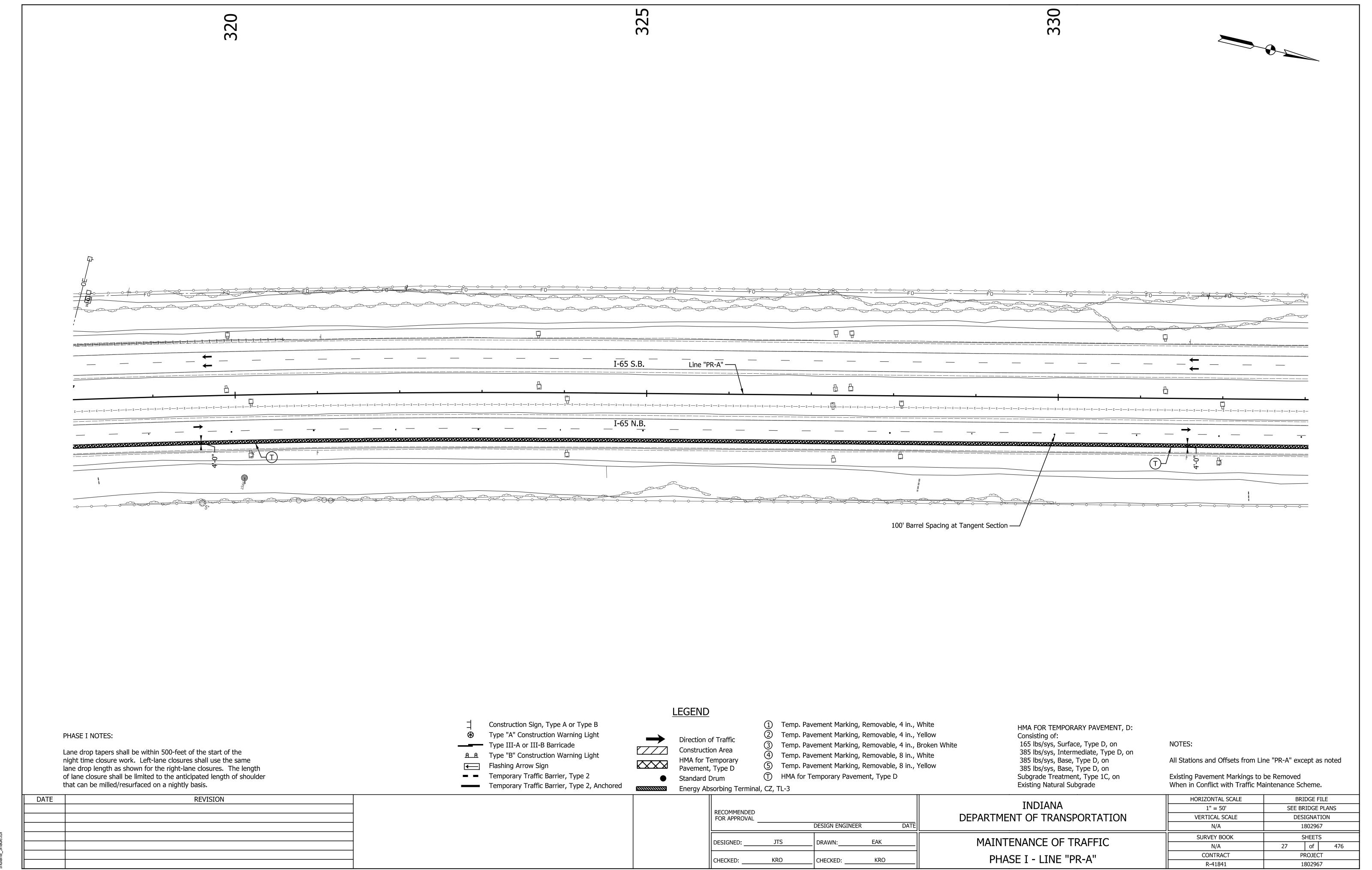


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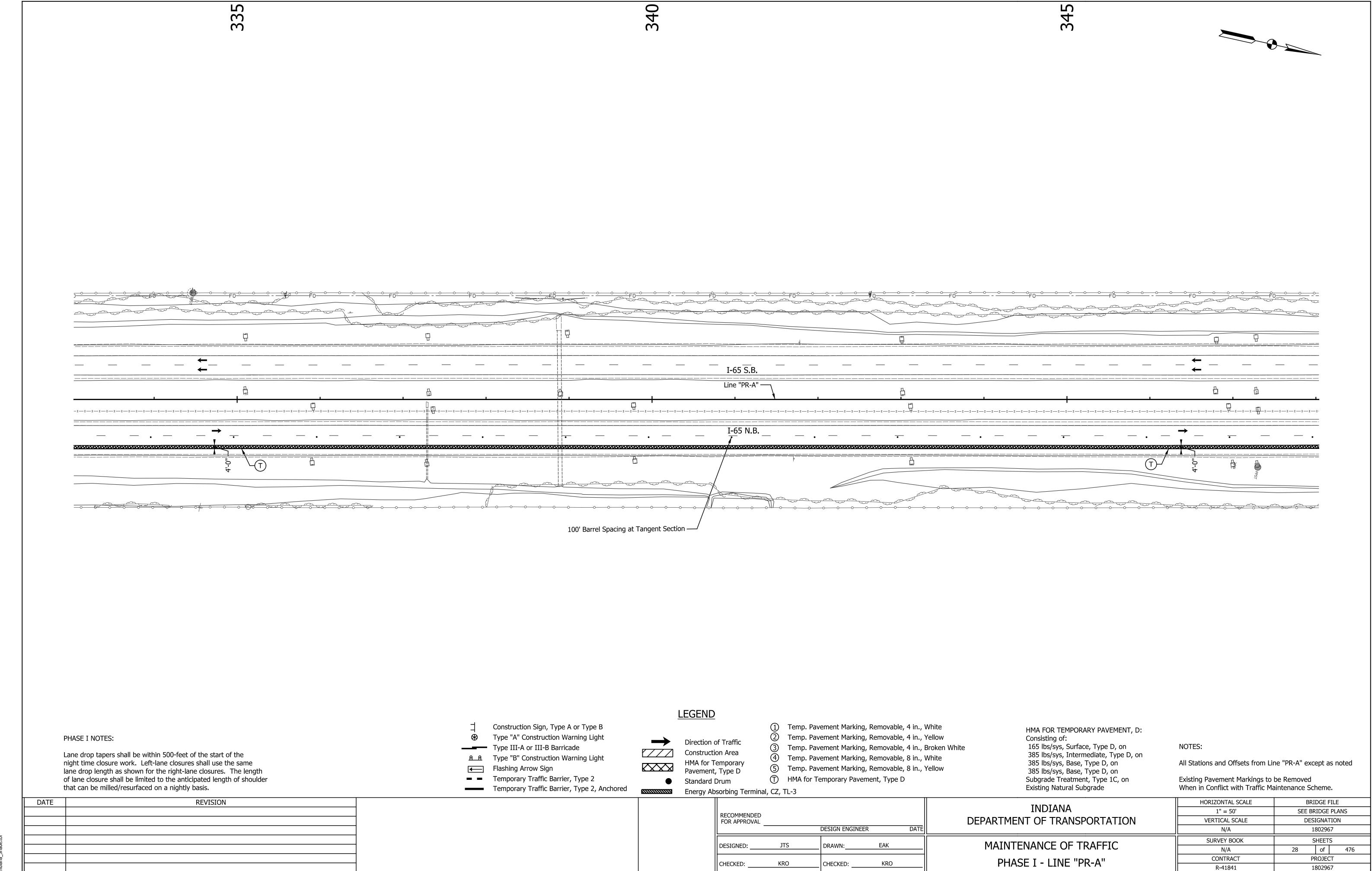






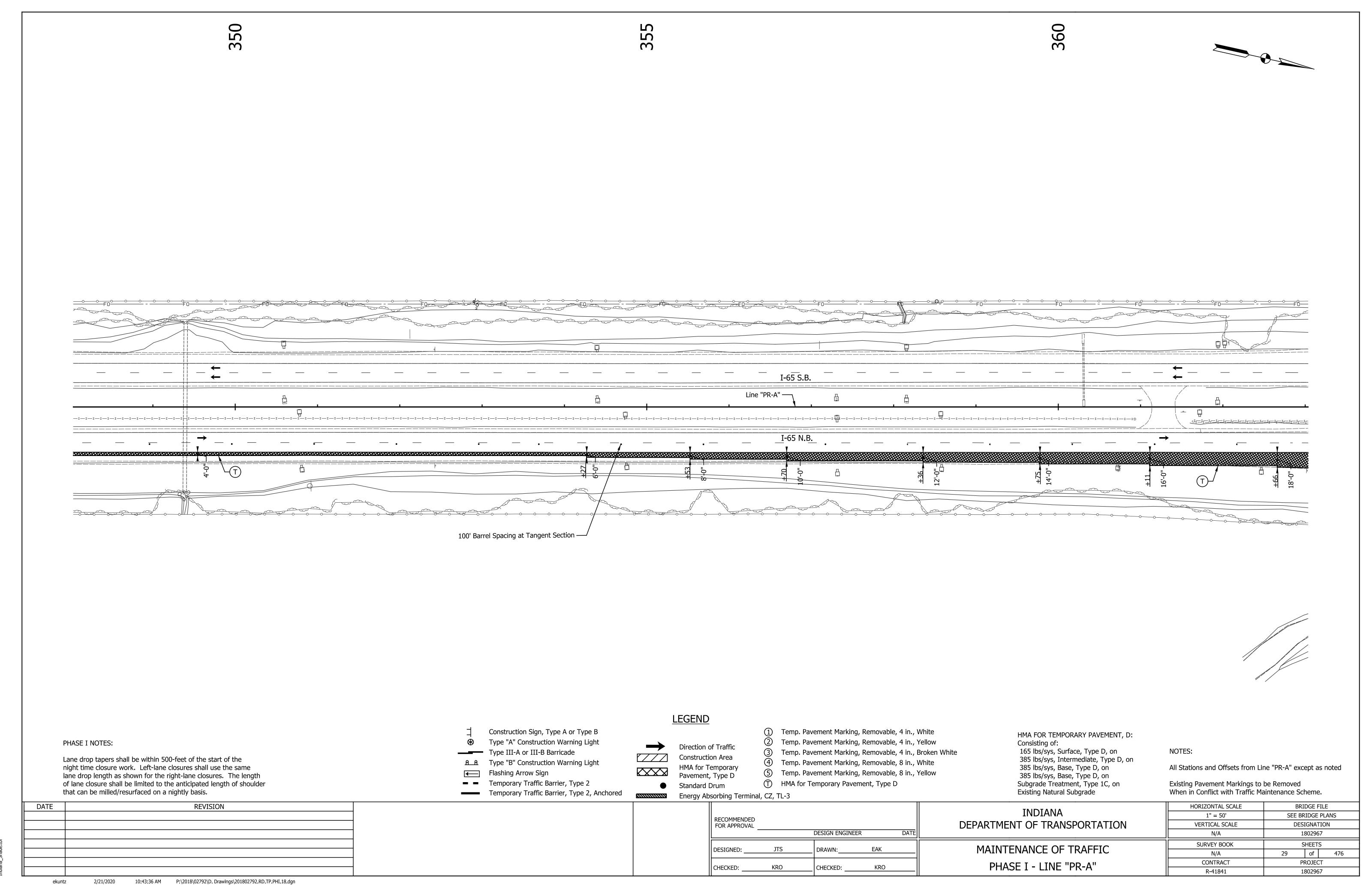
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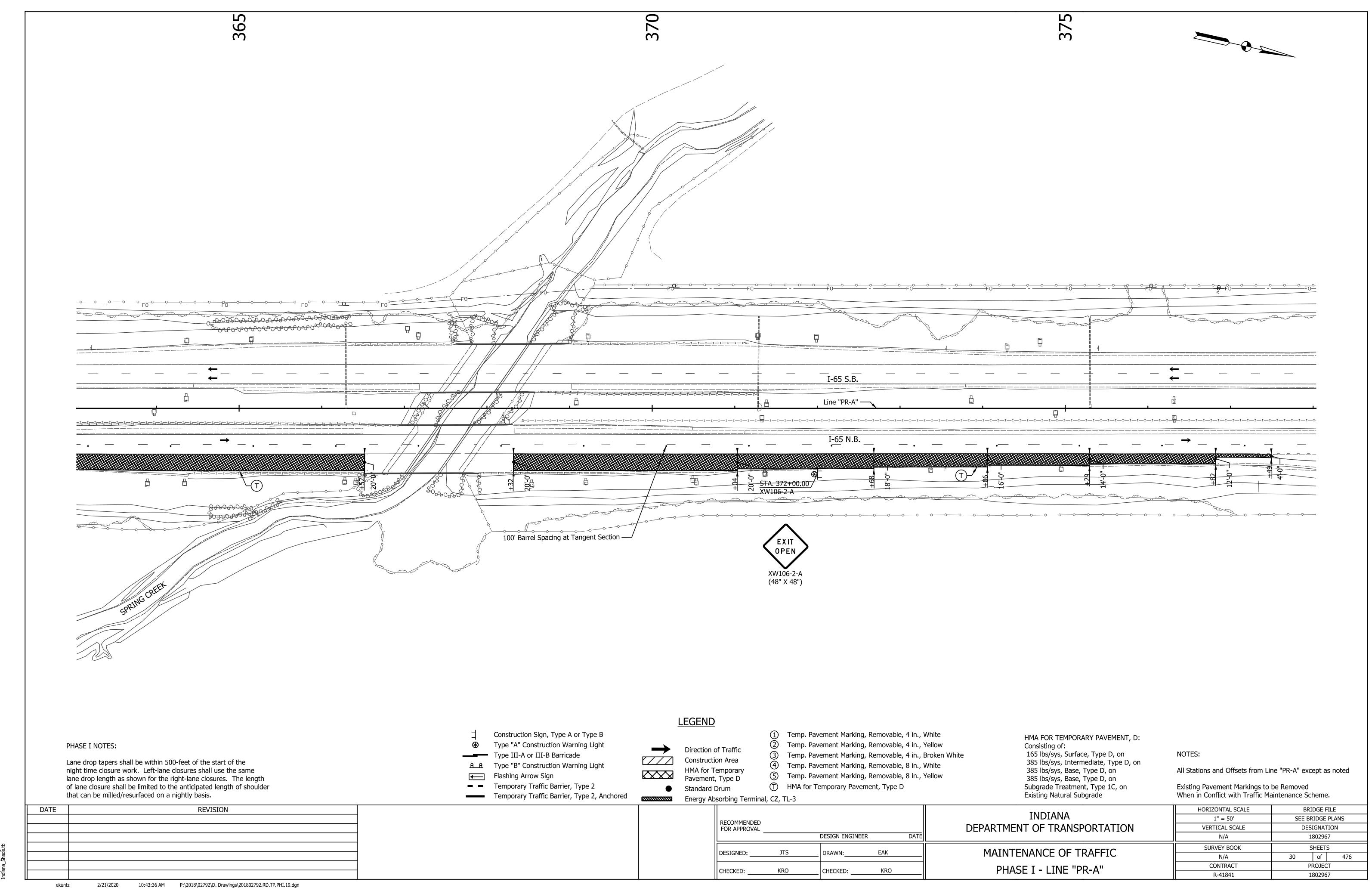
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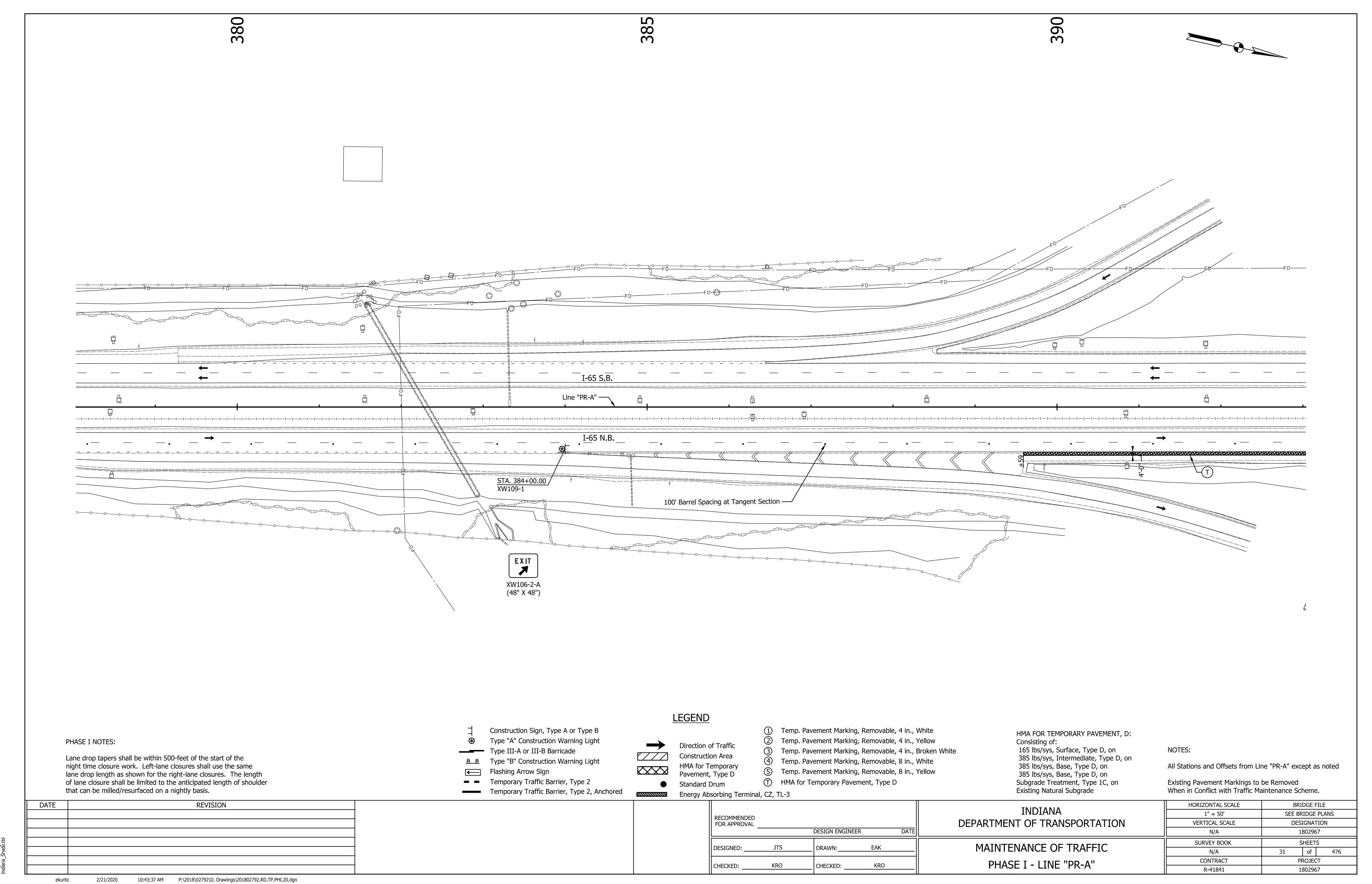


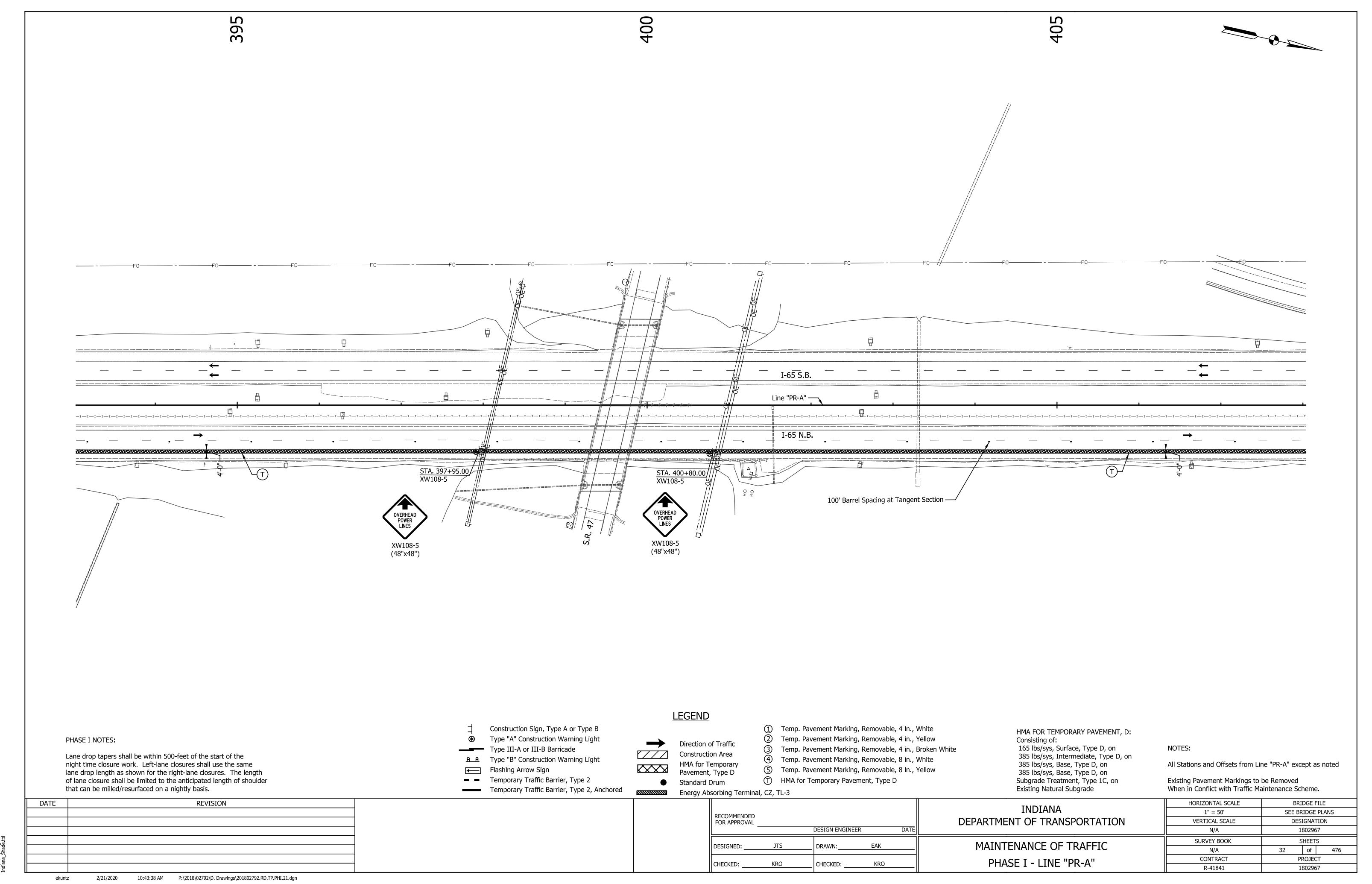
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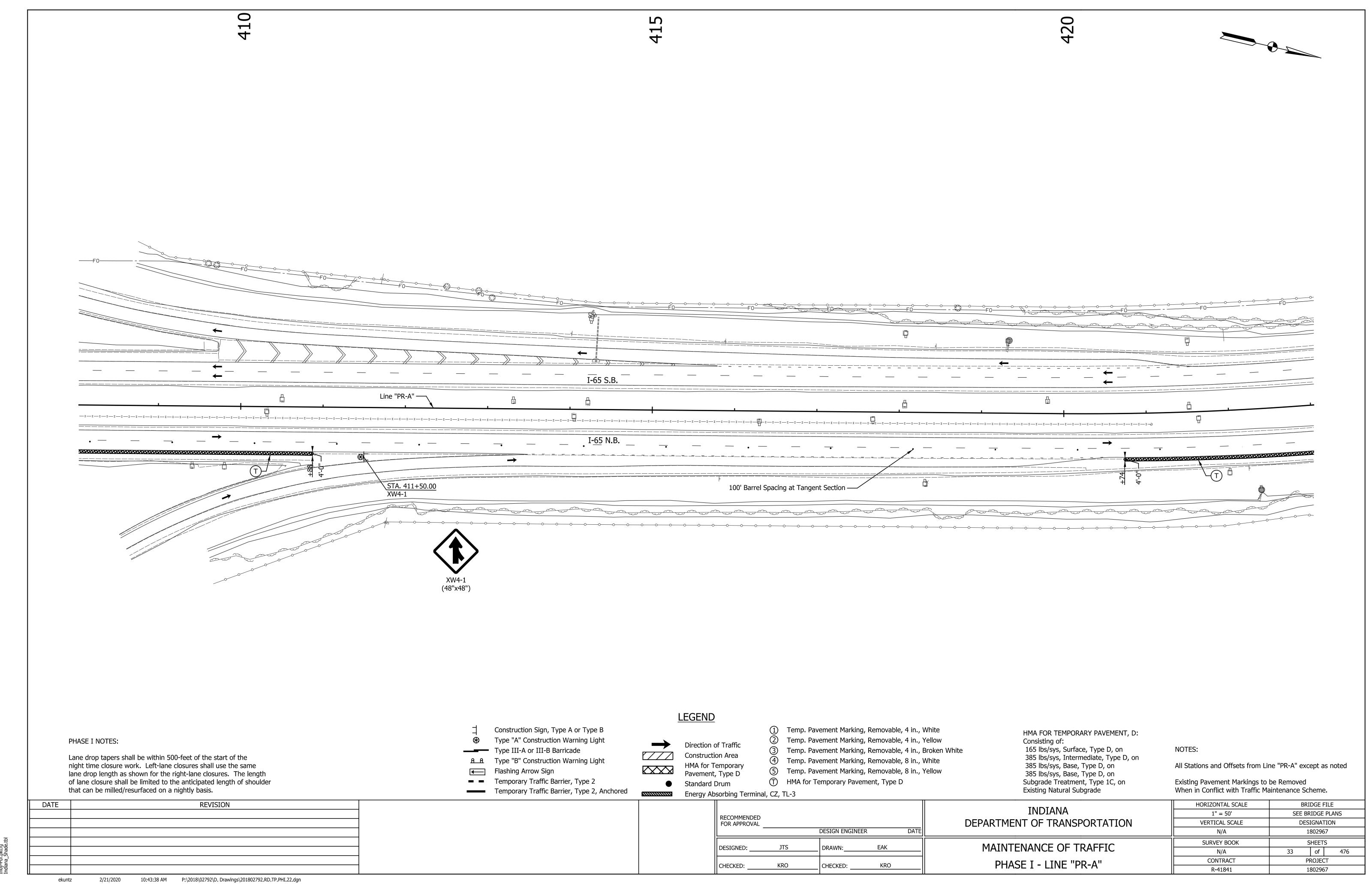
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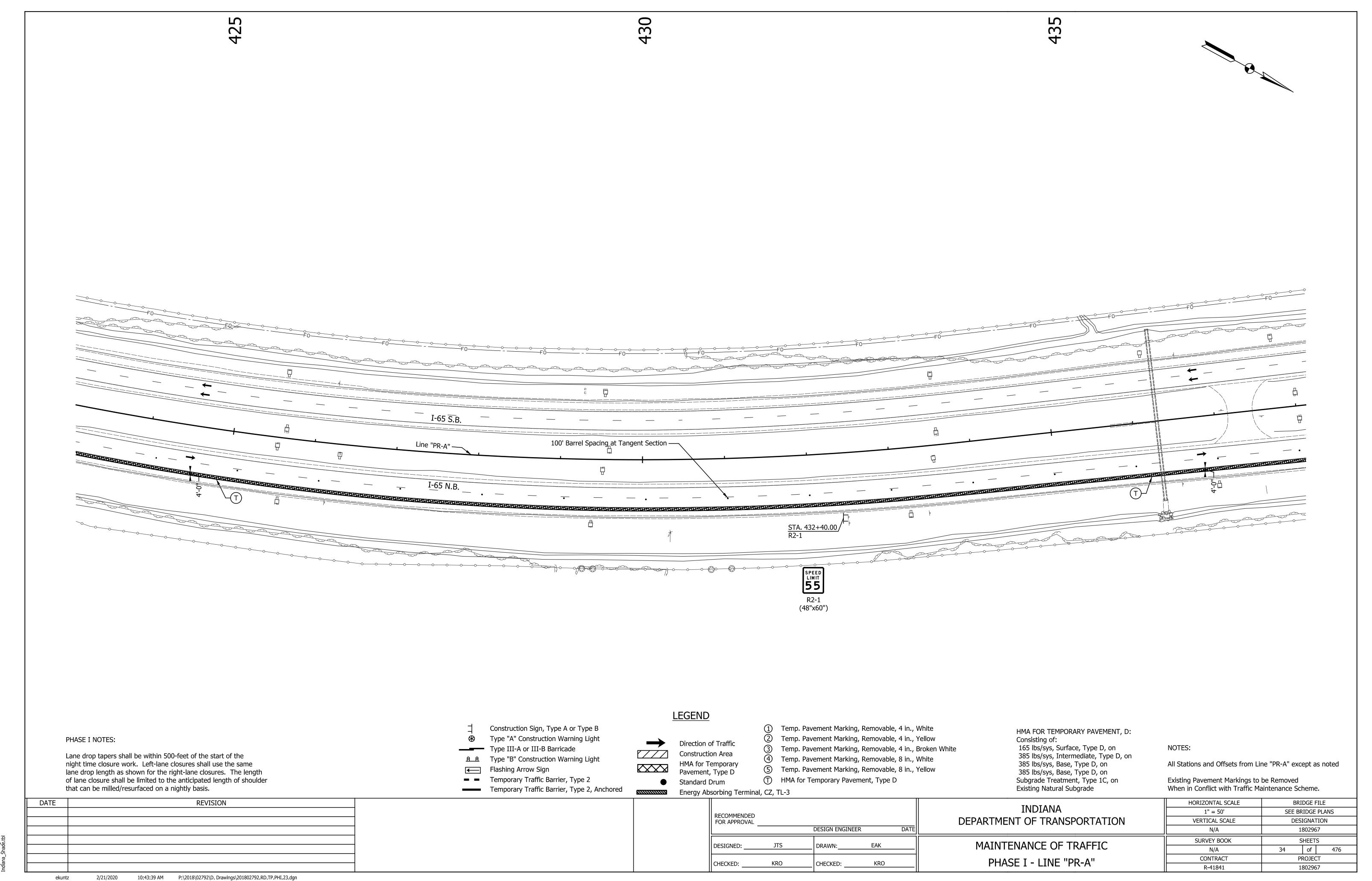


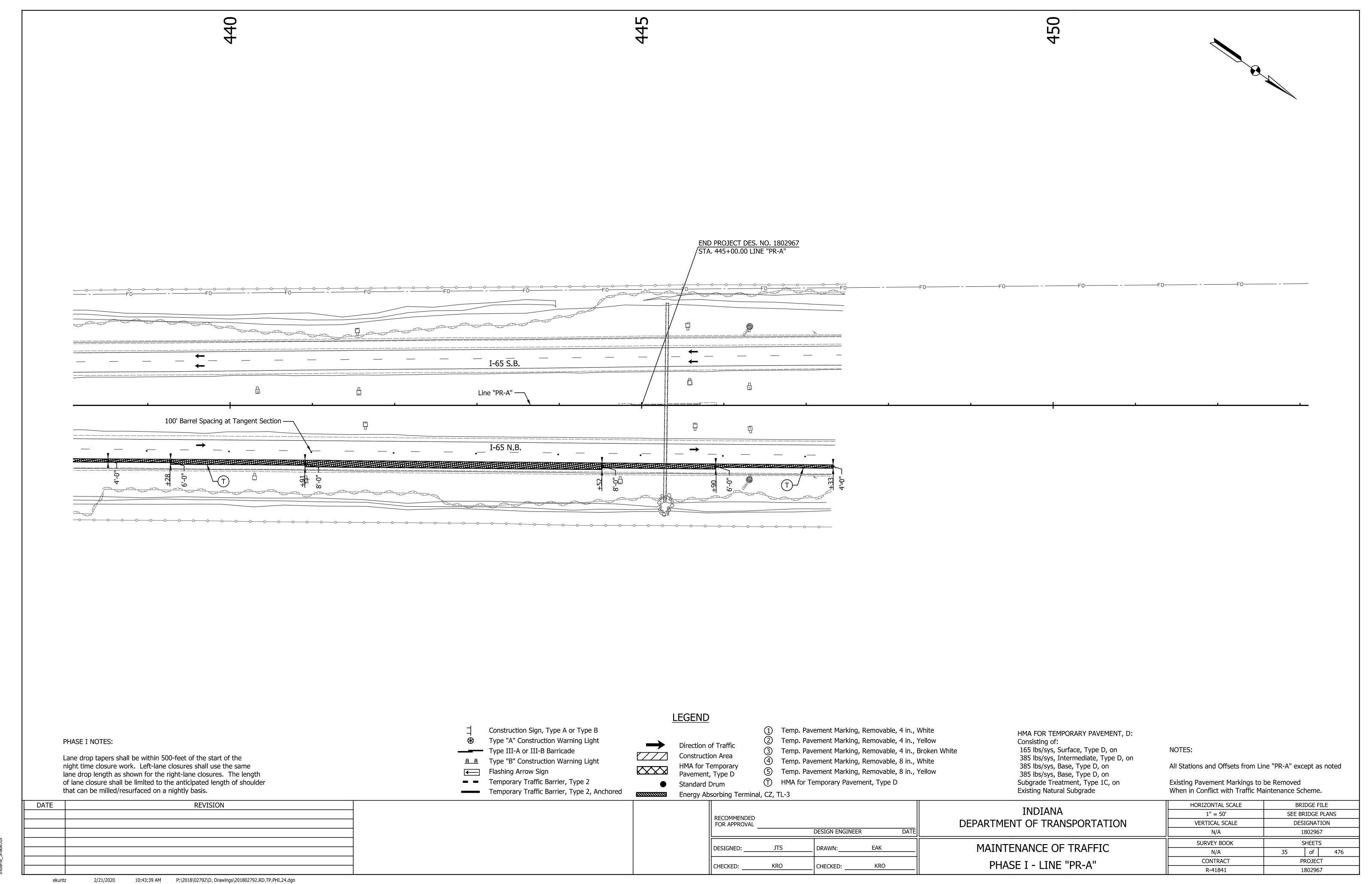


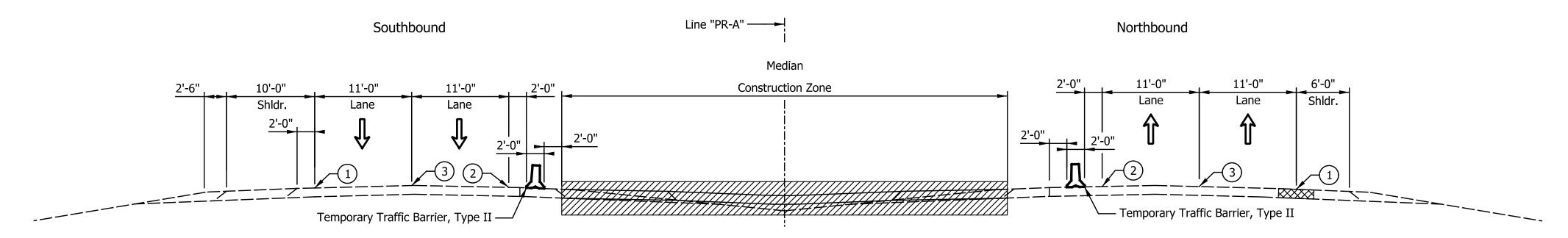








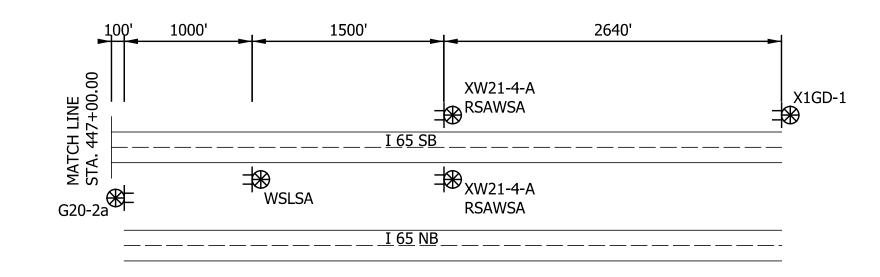


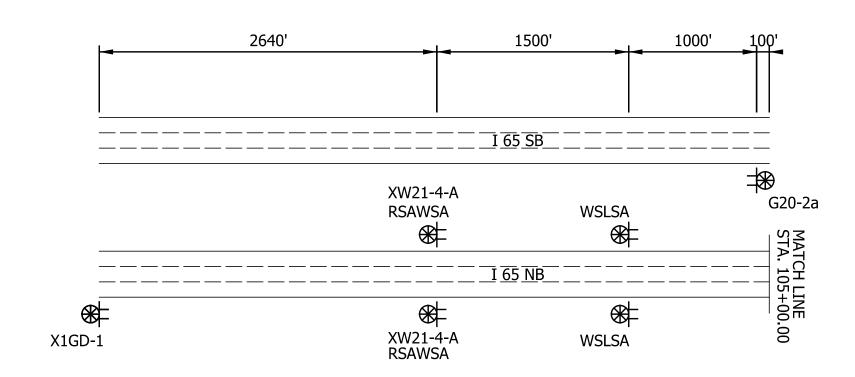


## MOT Phase II Typical Section

# NORTHBOUND LEFT LANE CLOSURE ADVANCE SIGNING 2640' 1500' 1000' 1000' 840' 300' XW20-5(L) XW9-2A(R) XW4-2-A(L) XW20-1 XW20-5(L) XW9-2A(R) XW4-2-A(L) XW20-1 XW20-5(L) XW9-2A(R) XW4-2-A(L)

### **ADVANCED SIGNING DETAILS**





### <u>Legend:</u>

T HMA FOR TEMPORARY PAVEMENT, D: Consisting of: 165 lbs/sys, Surface, Type D, on 385 lbs/sys, Intermediate, Type D, on 385 lbs/sys, Base, Type D, on 385 lbs/sys, Base, Type D, on Subgrade Treatment, Type 1C Existing Natural Subgrade

PHASE TWO - General Notes:

Design Speed: Mainline I-65 = 55 mph Design Speed: Interchange Ramps = 50 mph

Design Clear Zone: Mainline I-65 = 24 ft Design Clear Zone: Interchange Ramps = 22 ft

Two travel lanes maintained in both northbound and southbound direction; Temporary concrete barrier between travel lanes and construction zone; Median shoulder and inside future travel lane constructed in Phase II

US 52 Ramps: access to remain open for I-65 NB to US 52 WB exit ramp; US 52 EB to I-65 SB entrance ramp

SR 47 Ramps: access to remain open to I-65 NB Exit, Entrance Ramps and I-65 SB Exit, Entrance Ramps

Lafayette Ave. Ramps: access to remain open to I-65 NB/US 52 WB CD Entrance Ramp; I-65 SB Exit closed

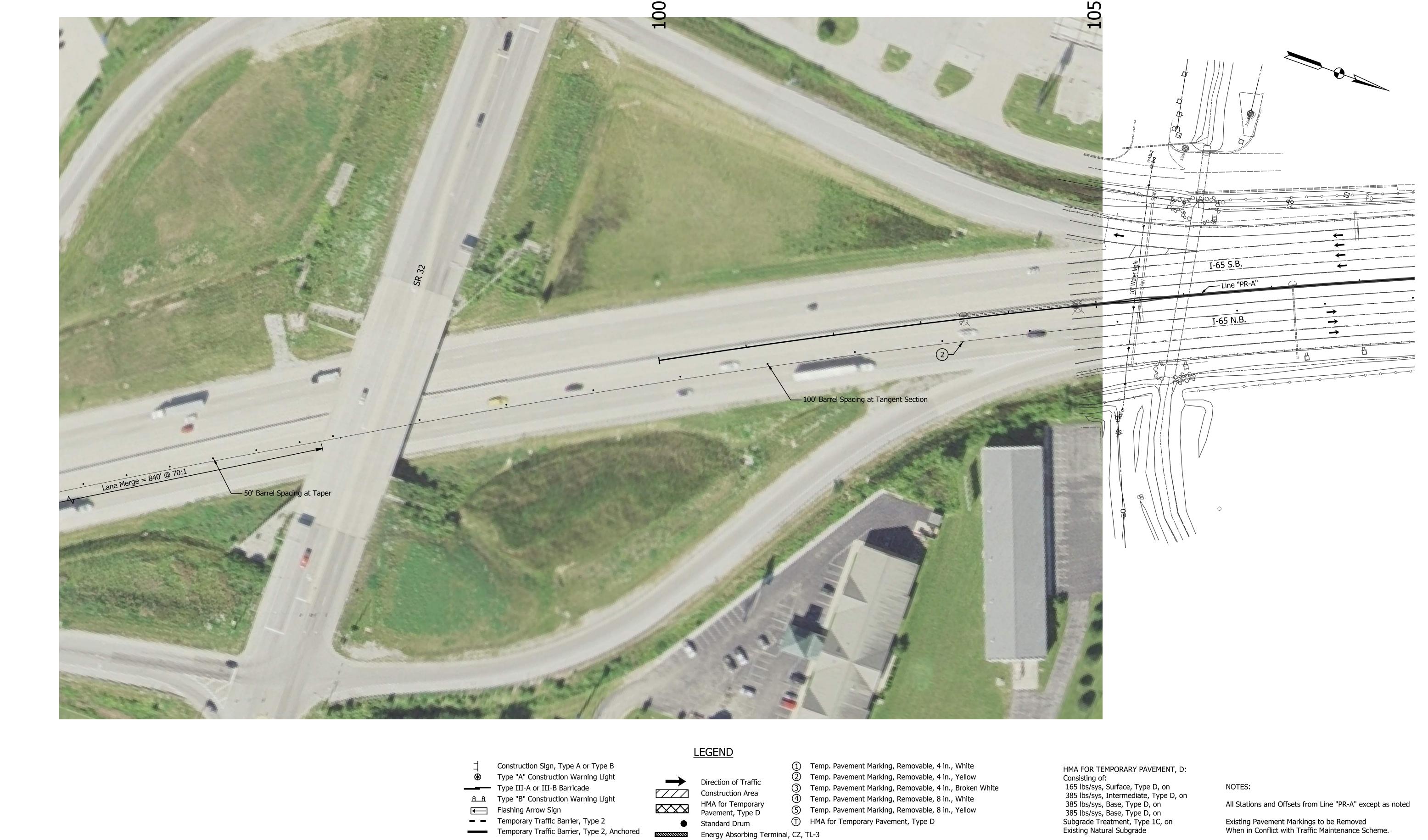
Detour Plan Signage setup for the Lafayette Ave. Exit Ramp Detour Plan Signage setup for the Alternate Detour Plan US 52 and SR 47

DATE	REVISION	

		TAIDTANIA	HORIZONTAL SCALE	BRIDGE FILE
RECOMMENDED FOR APPROVAL DESIGN ENGINEER DATE		INDIANA  DEPARTMENT OF TRANSPORTATION	1/8" = 1'-0"	SEE BRIDGE PLANS
			VERTICAL SCALE	DESIGNATION
			1/8" = 1'-0"	1802967
DESIGNED: JTS	DRAWN: JTS	MAINTENANCE OF TRAFFIC	SURVEY BOOK	SHEETS
DESIGNED: JTS			N/A	36 of 476
CHECKED: KRO	KRO CHECKED: KRO	TYPICAL SECTIONS - PHASE II	CONTRACT	PROJECT
CHECKED. KRO			R-41841	1802967

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DATE

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**REVISION** 

Flashing Arrow Sign Temporary Traffic Barrier, Type 2

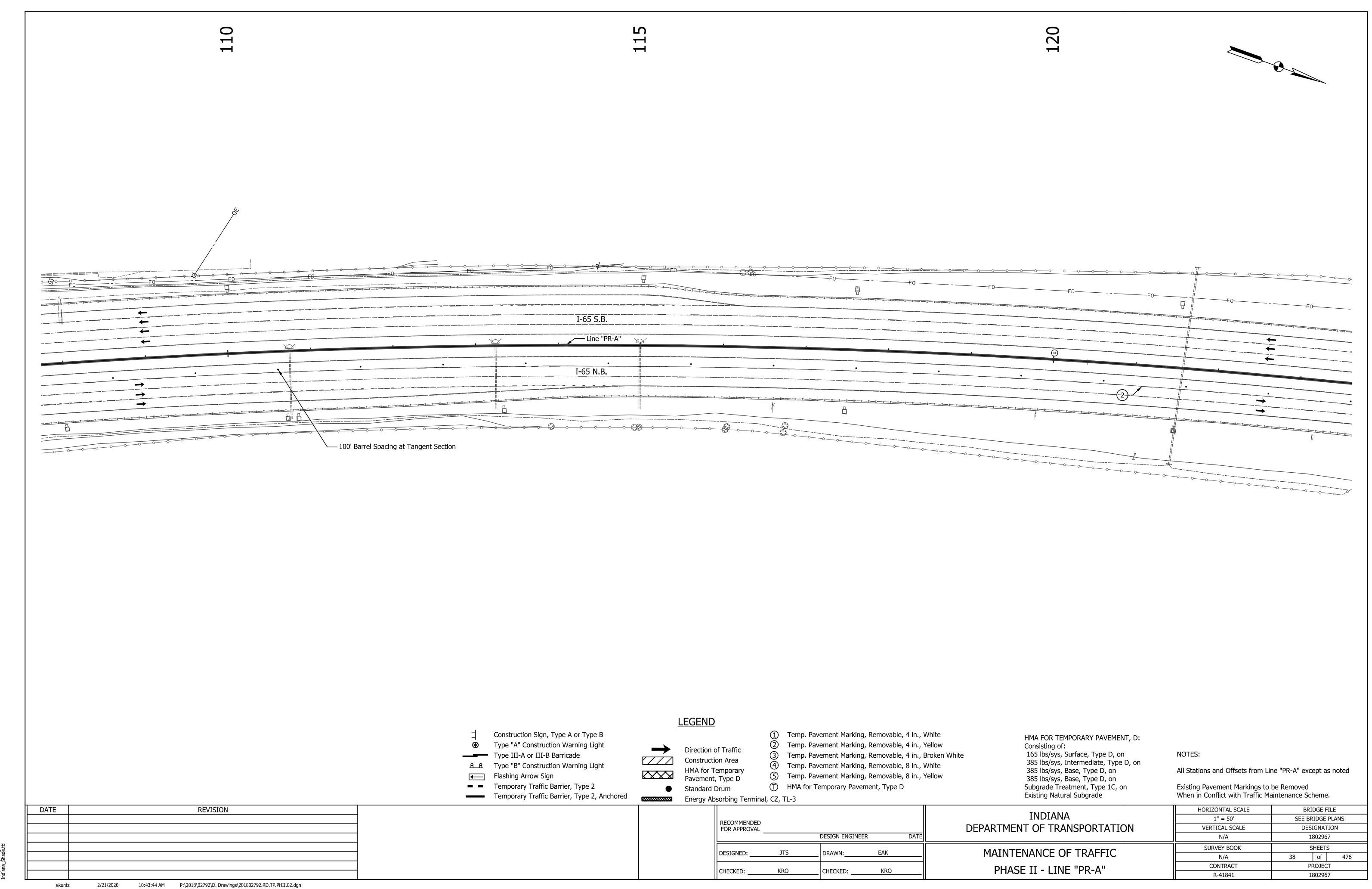
Temporary Traffic Barrier, Type 2, Anchored

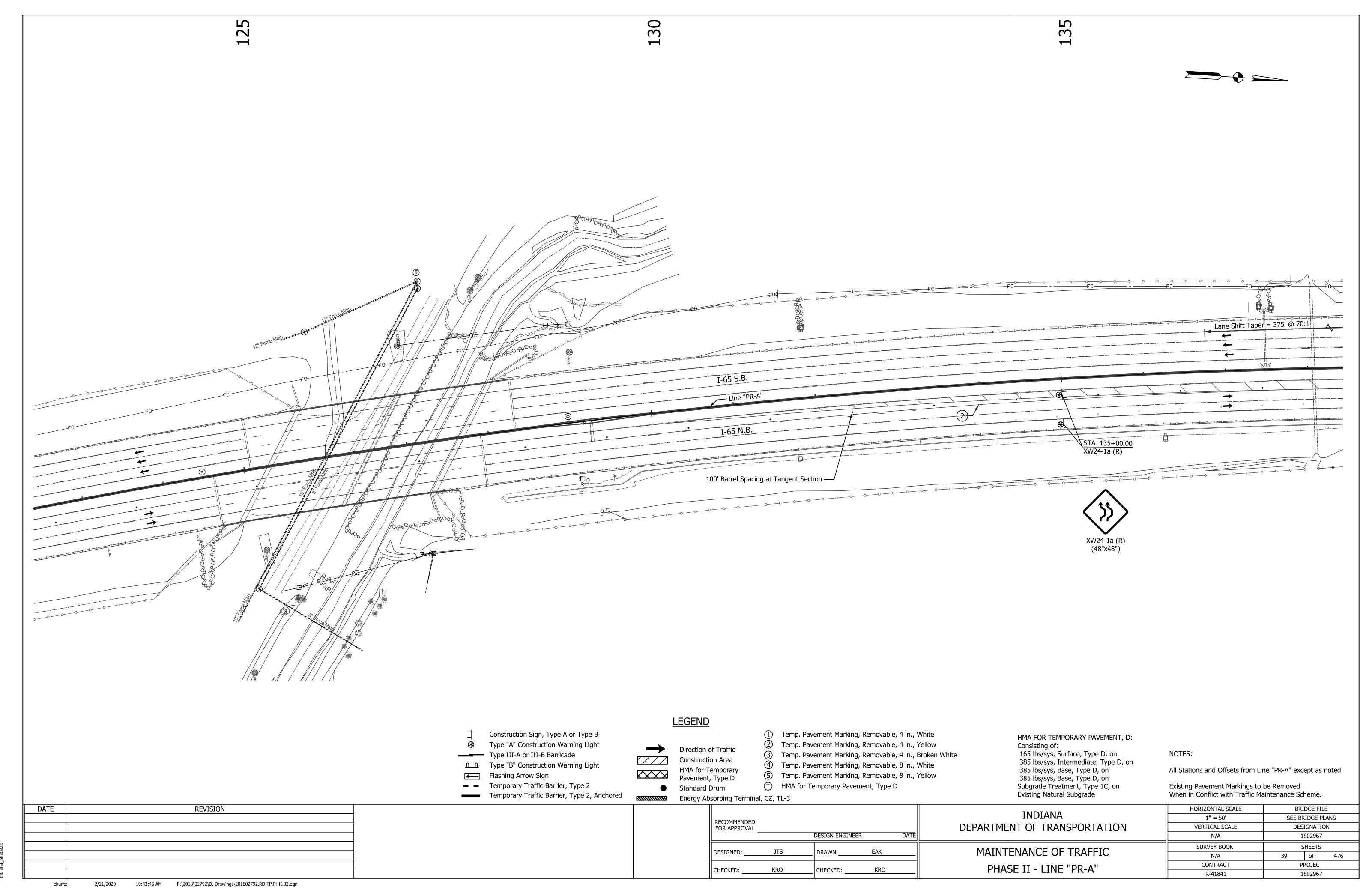
Pavement, Type D Standard Drum

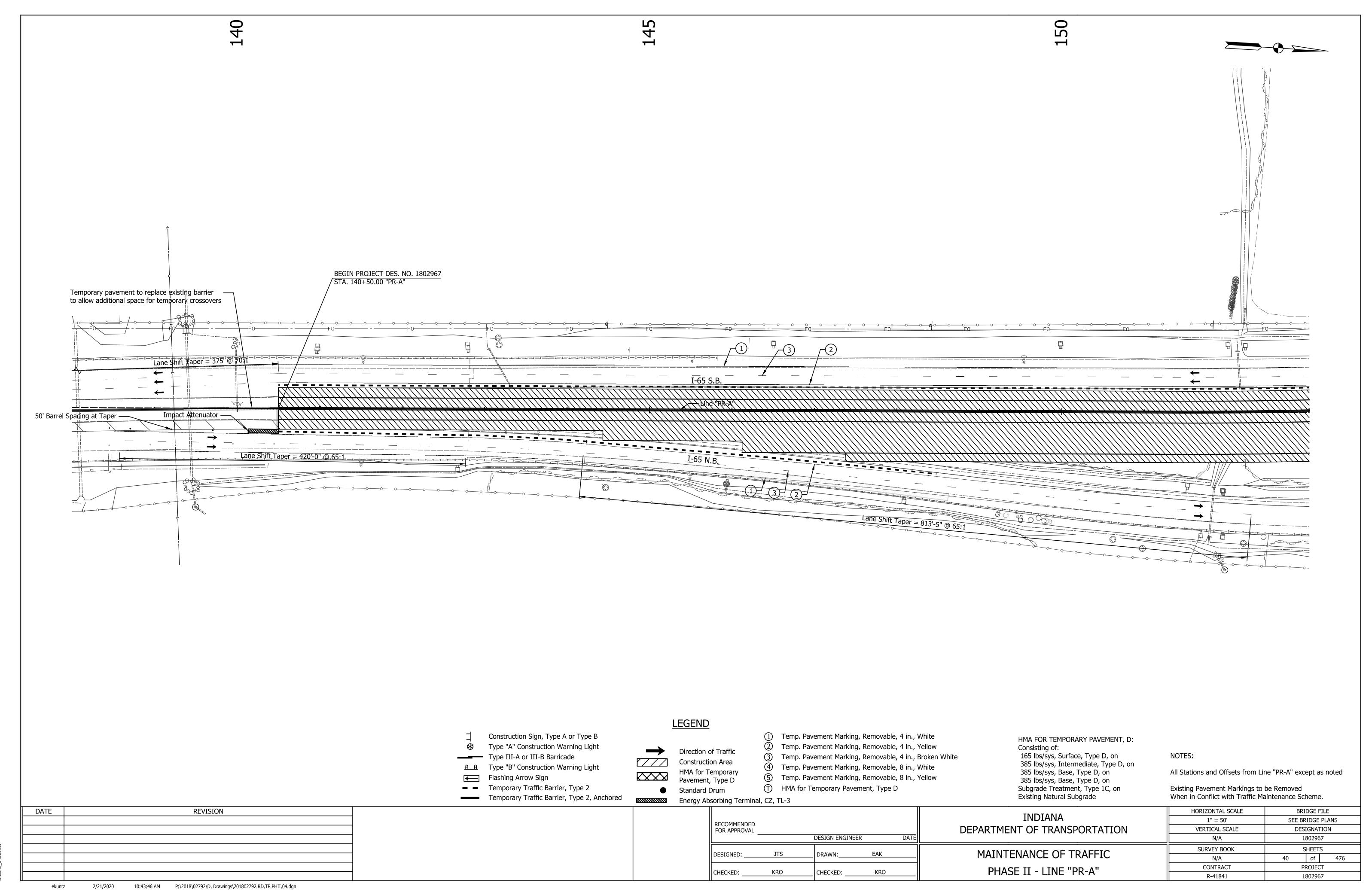
T HMA for Temporary Pavement, Type D Energy Absorbing Terminal, CZ, TL-3

Existing Pavement Markings to be Removed When in Conflict with Traffic Maintenance Scheme.

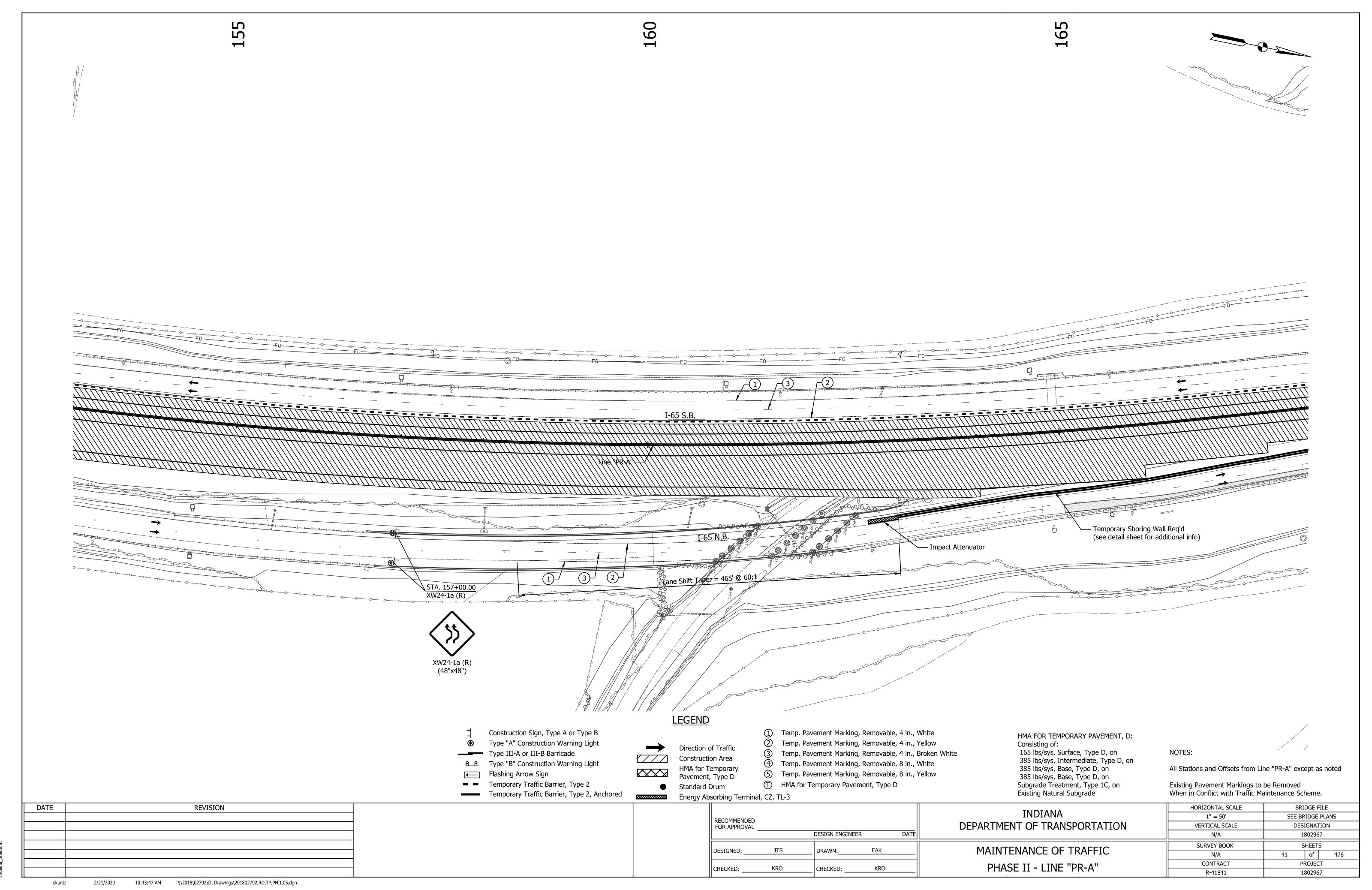
					INDIANA		HORIZONTAL SCALE BRIDGE				
RECOMMEN	DED				DEPARTMENT OF TRANSPORTATION	1" = 50'	SEE BRIDGE PLANS				
FOR APPROV	VAL					VERTICAL SCALE	DESIGNATION				
	•	DESIGN ENGINEER DATE				N/A		1802967			
DESIGNED:	1TC	DRAWN:	EAK	MAINTENANCE OF TRAFFIC	MAINTENANCE OF TRAFFIC	SURVEY BOOK	SHEETS				
	JTS				N/A	37	of	476			
CHECKED:	KDO	CHECKED:	KRO		PHASE II - LINE "PR-A"	CONTRACT	PROJECT				
	KRO					R-41841	1802967				

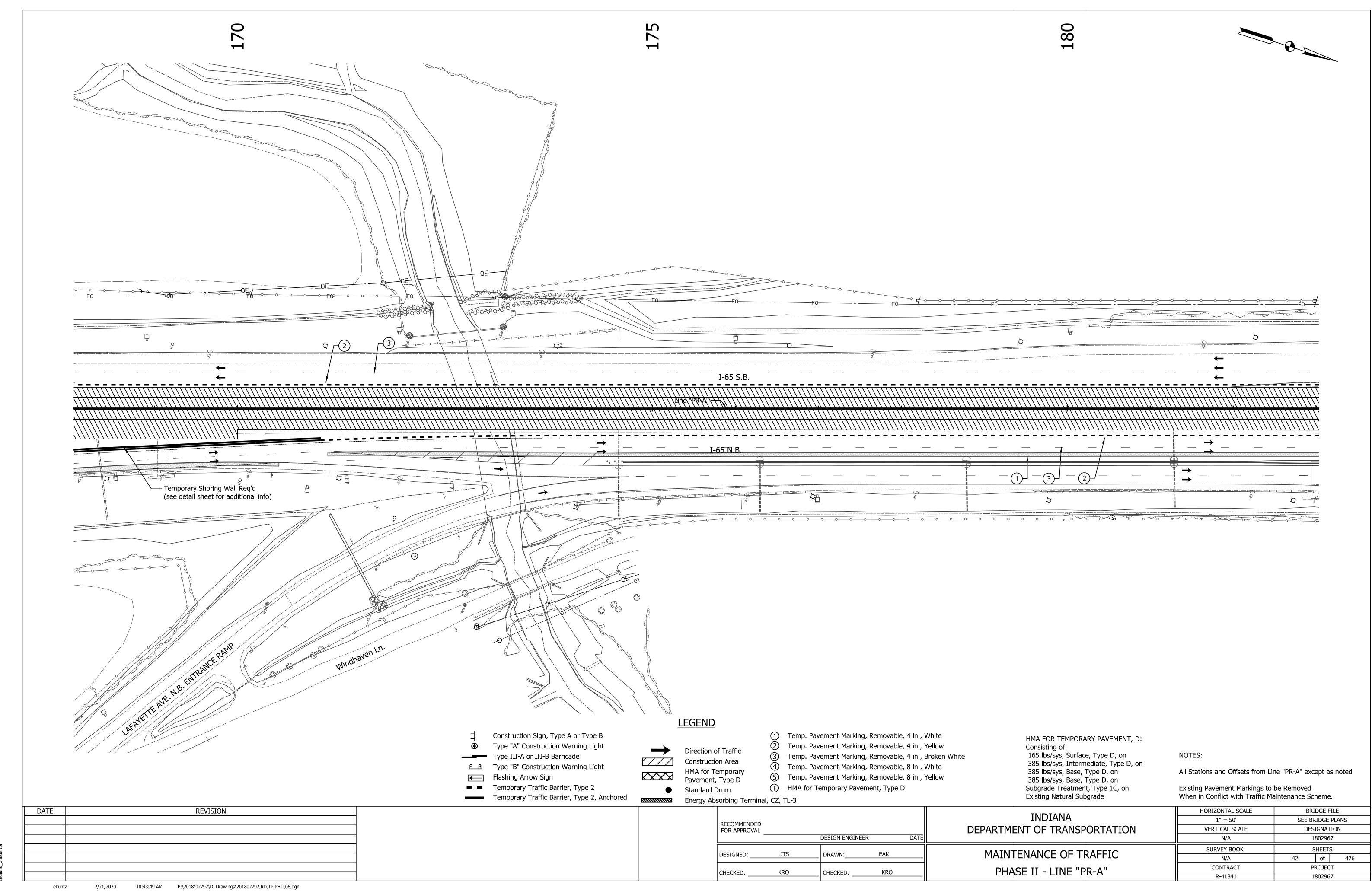


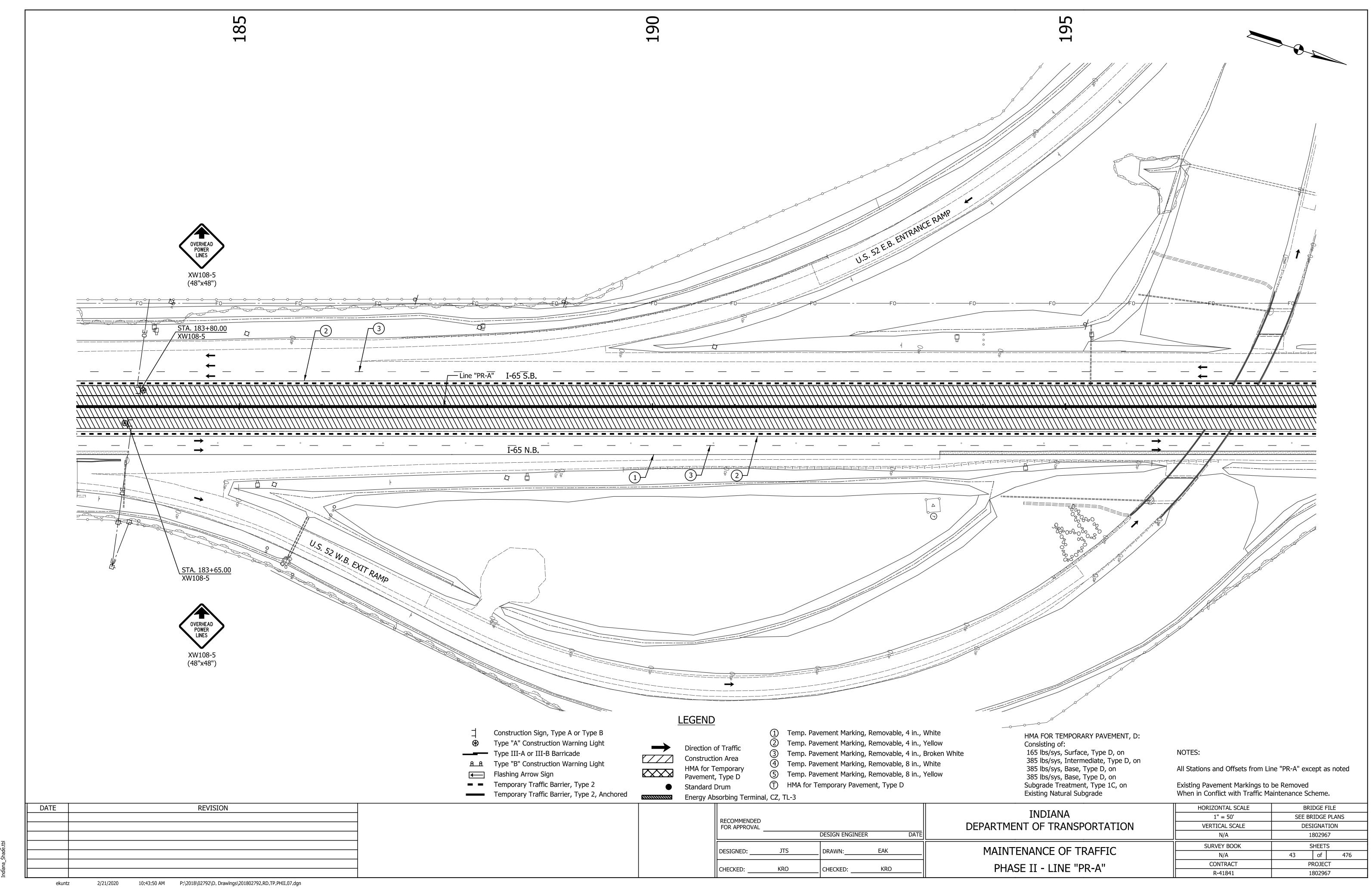


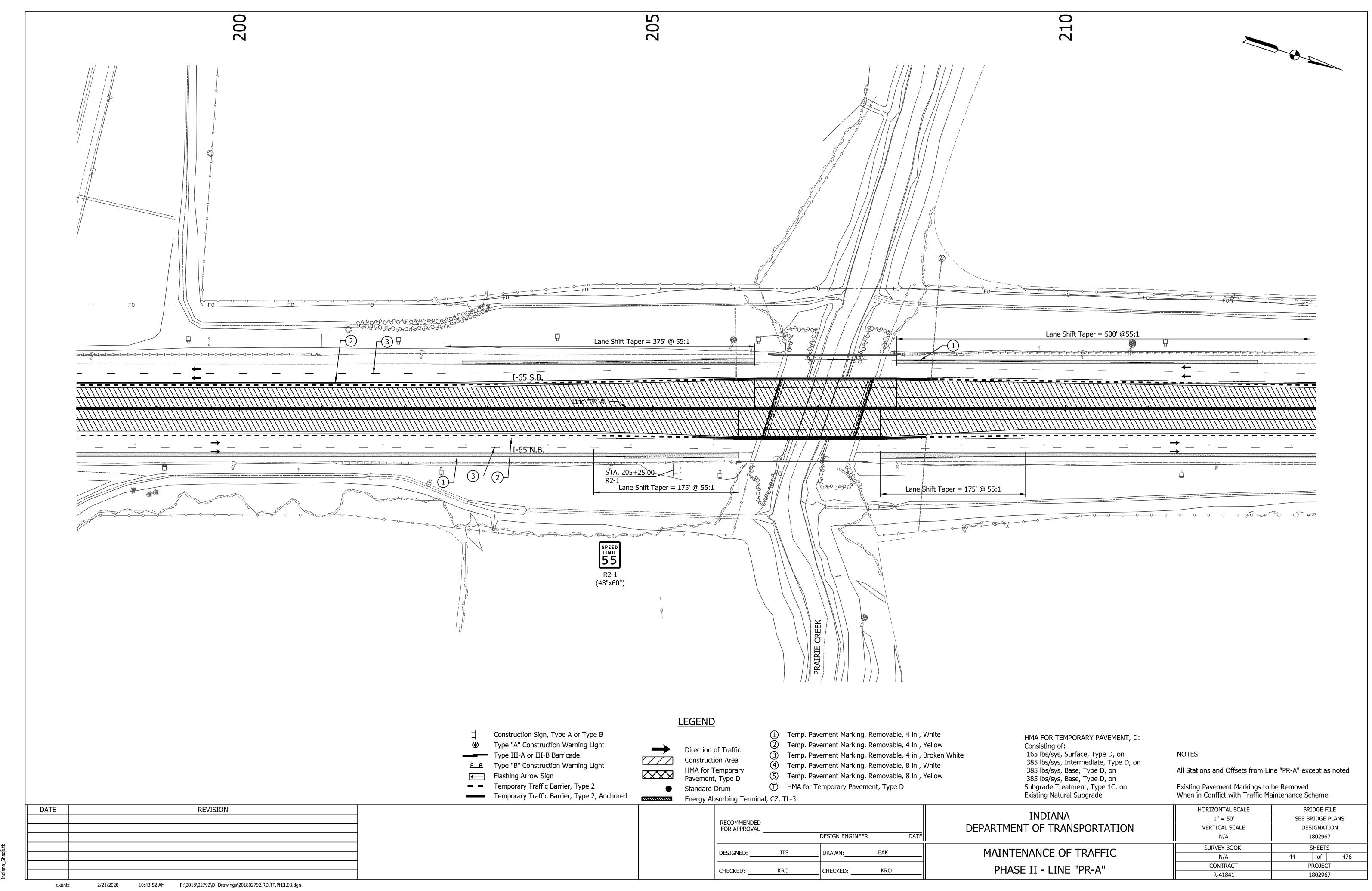


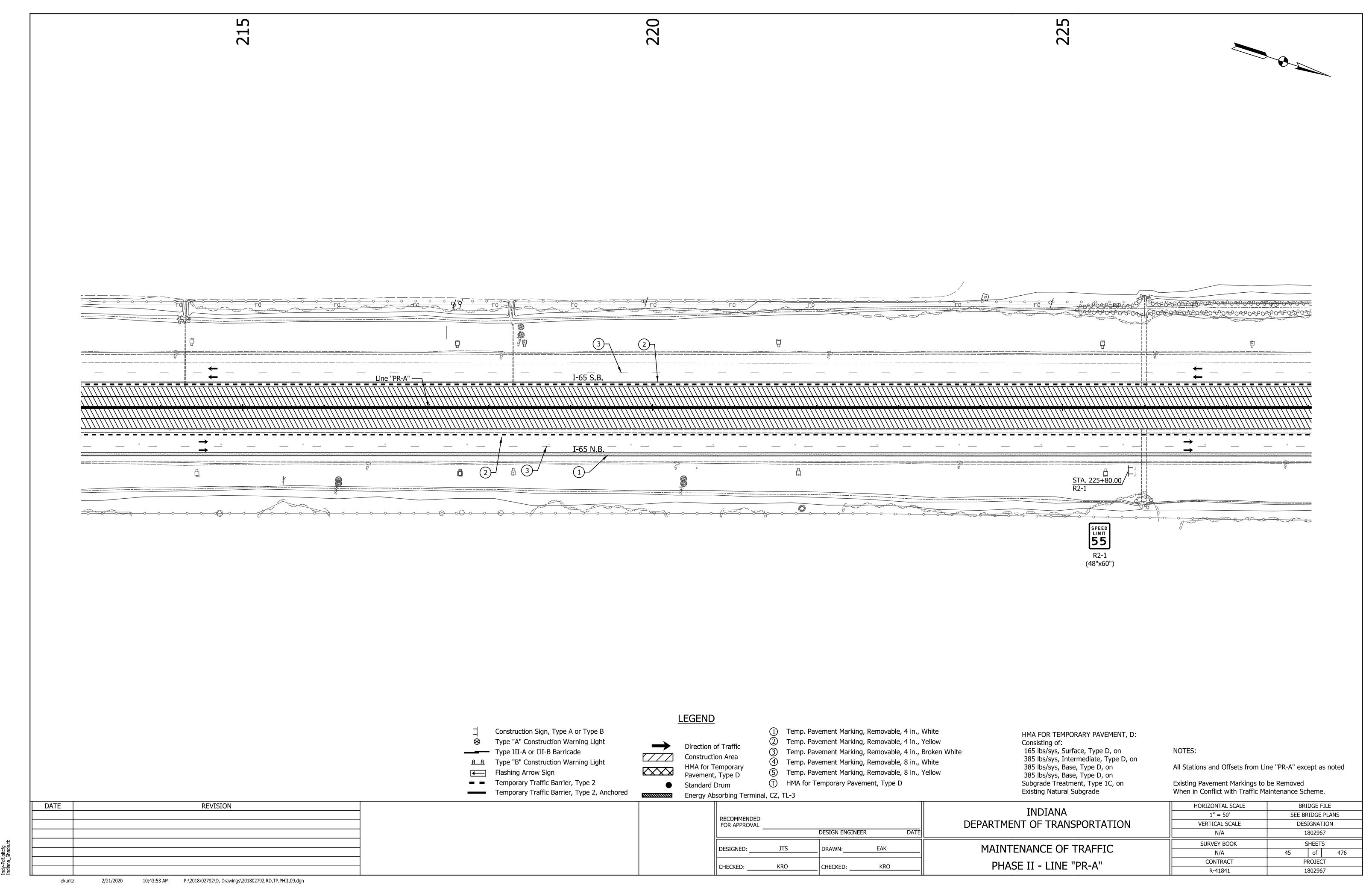
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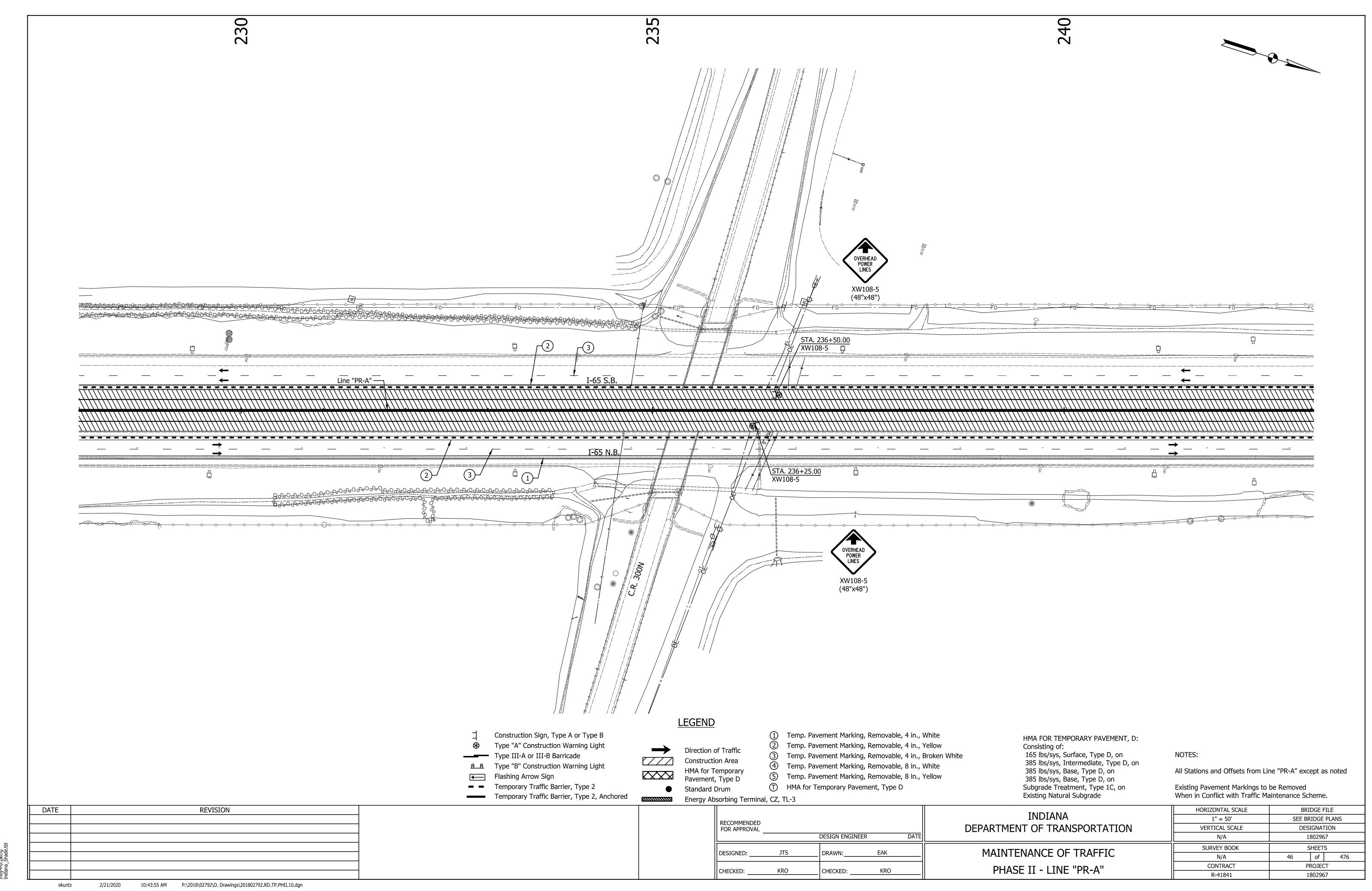


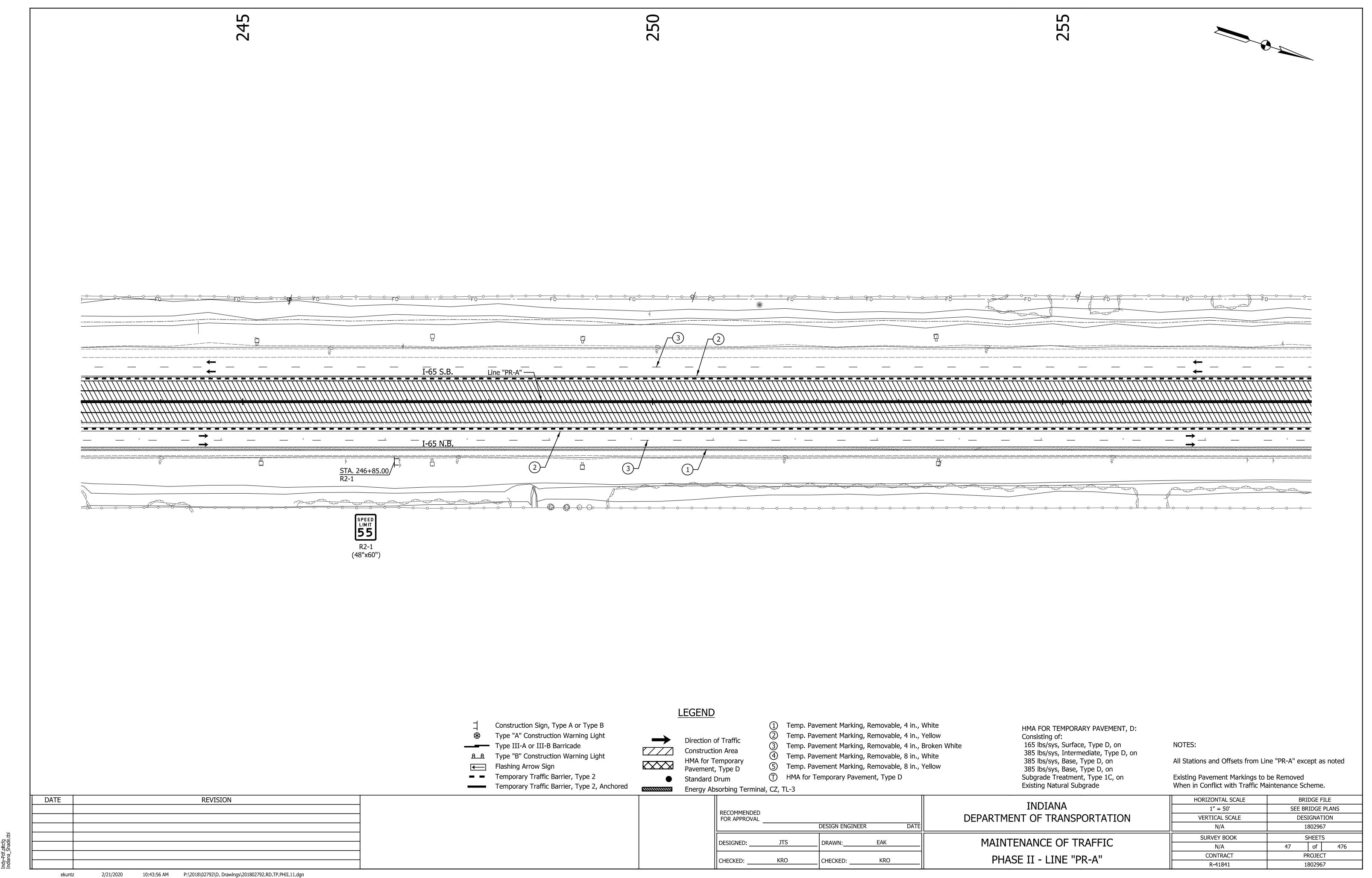


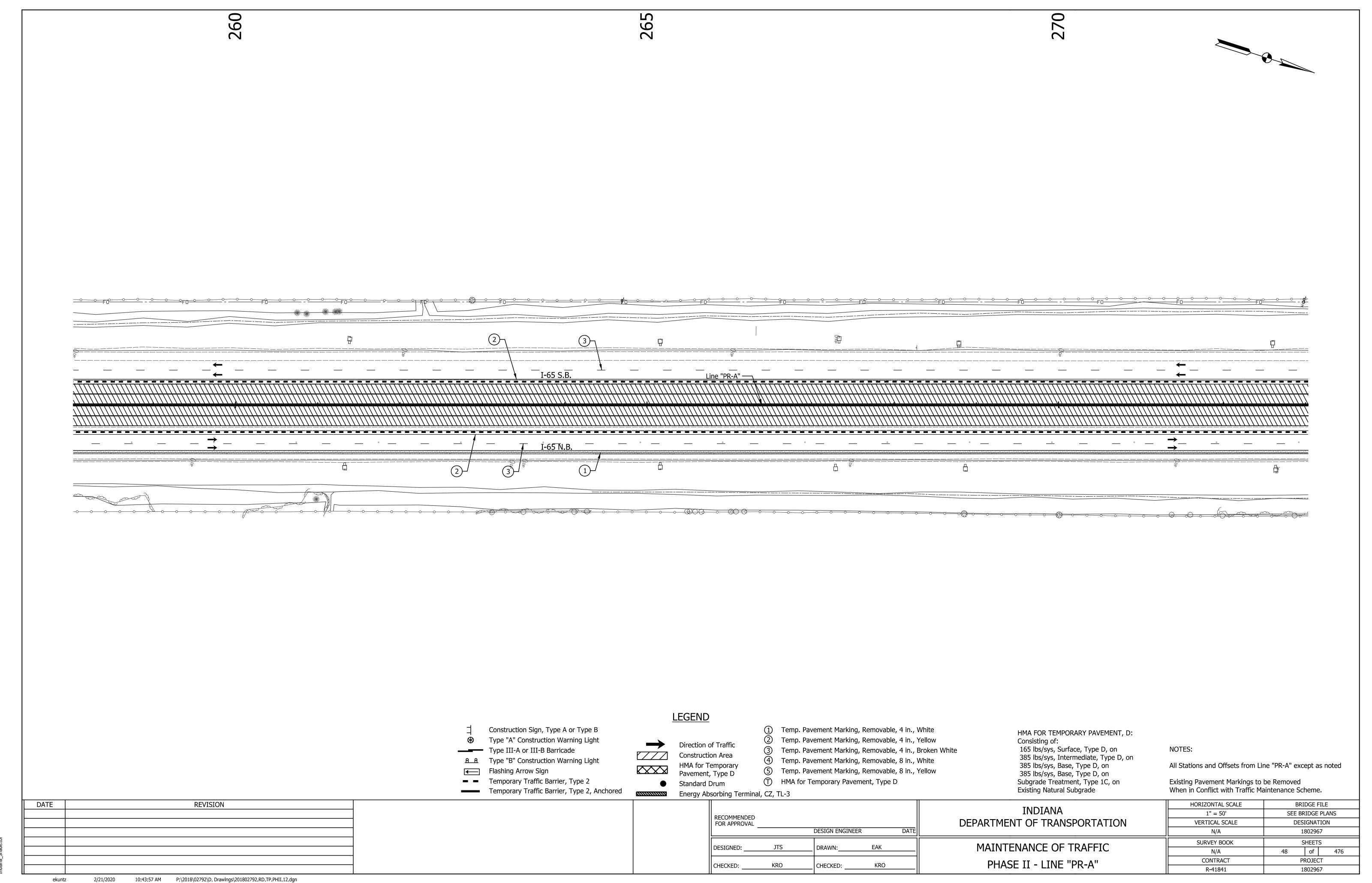


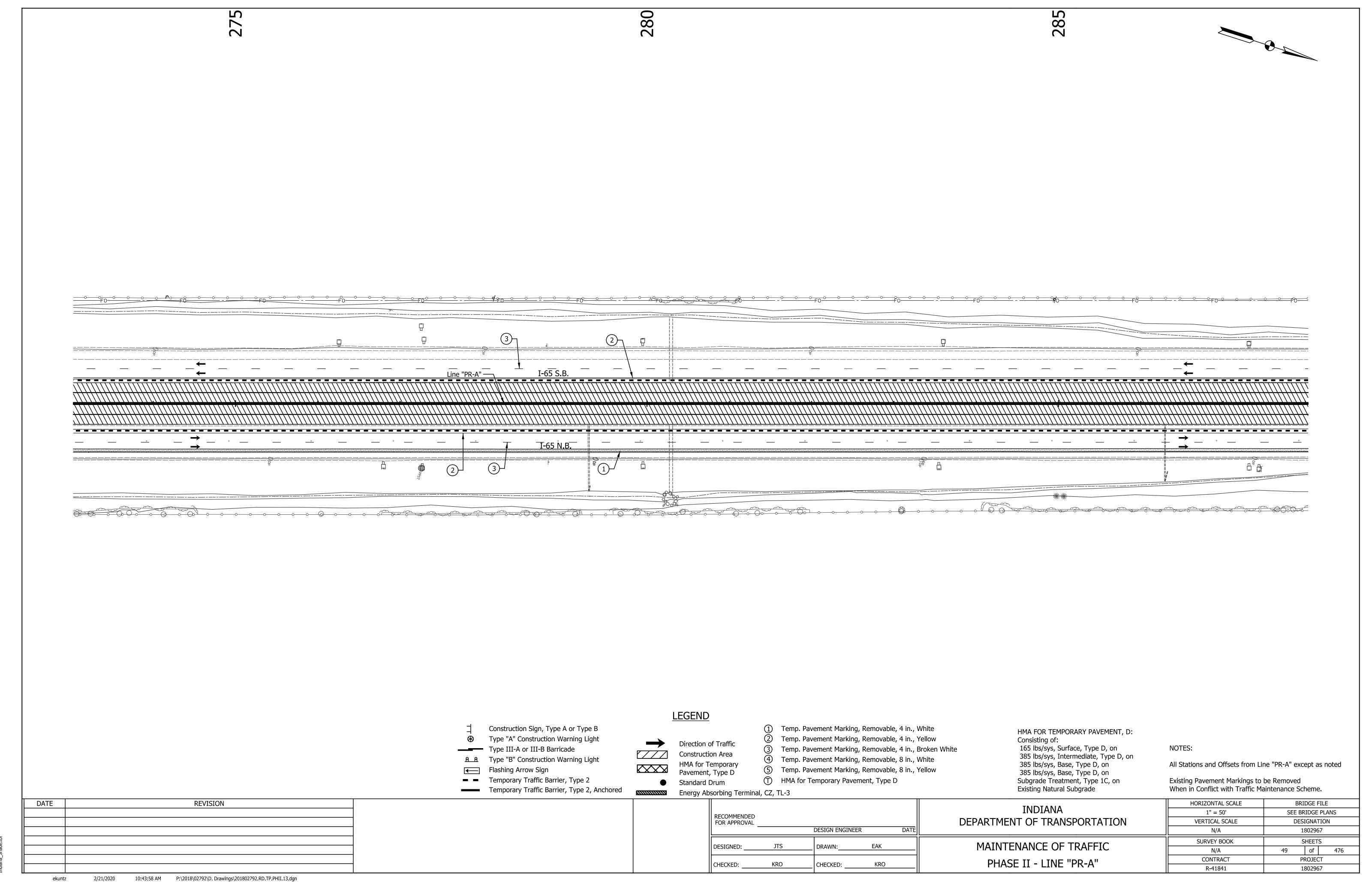


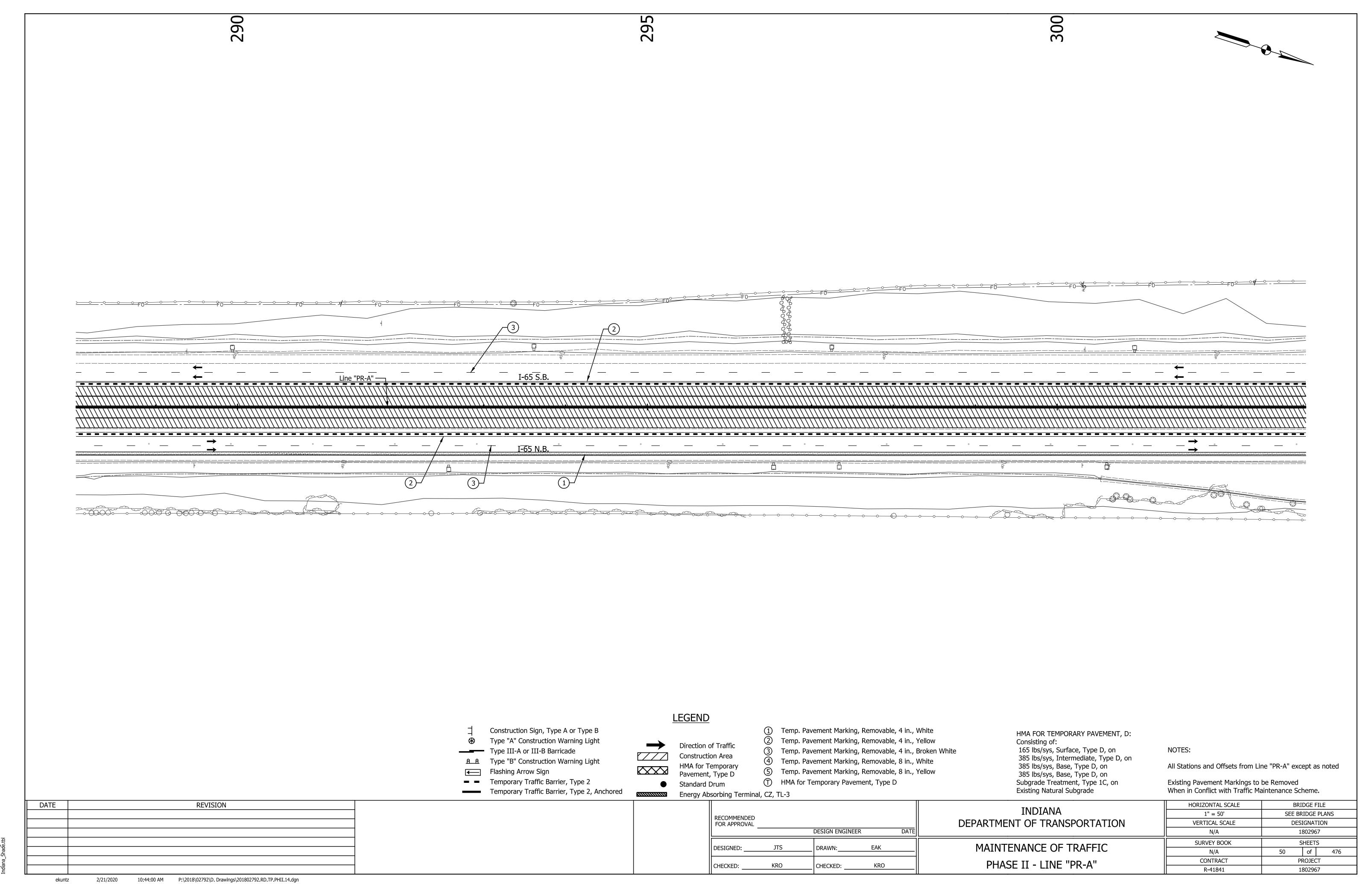


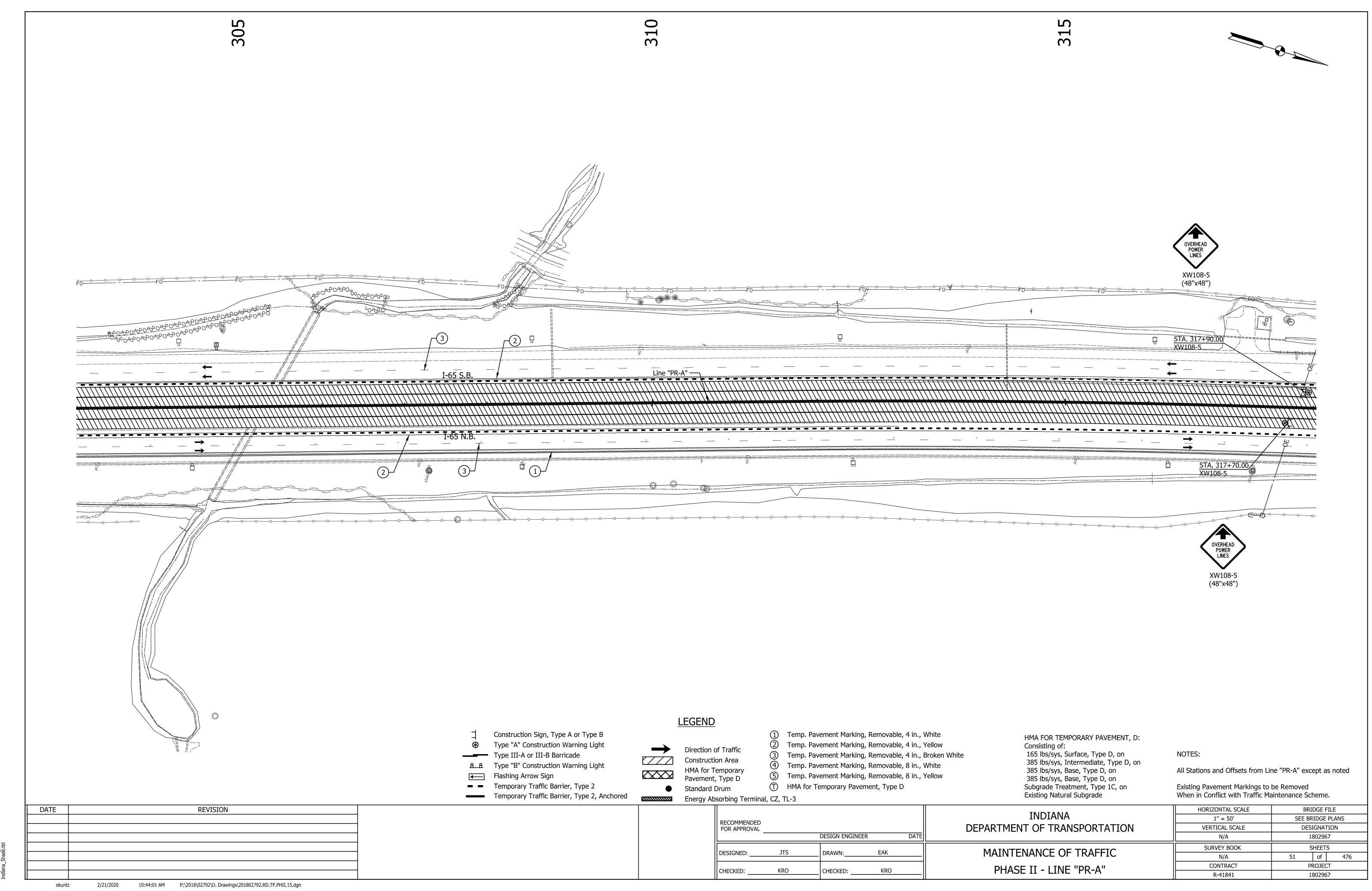


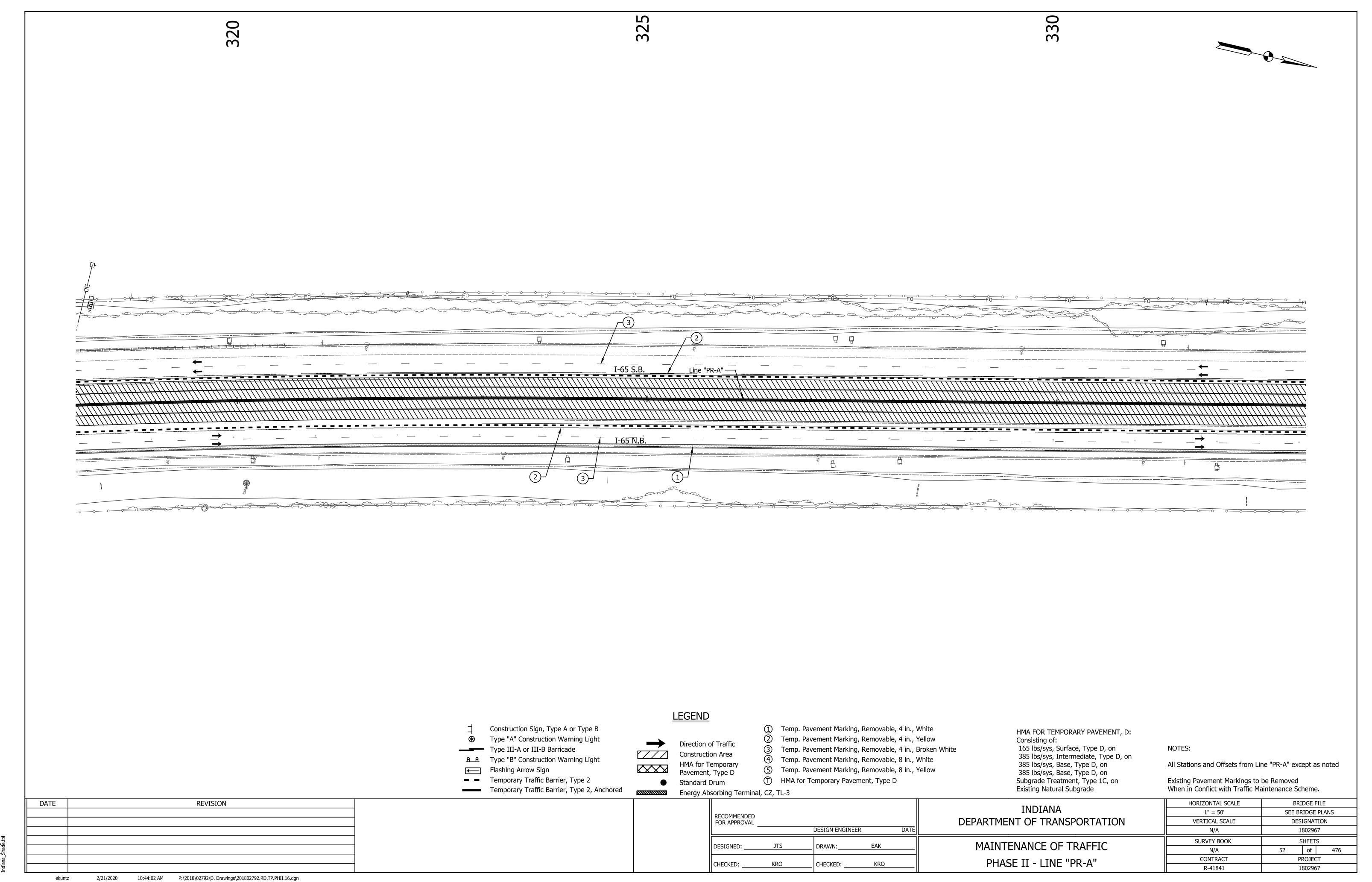


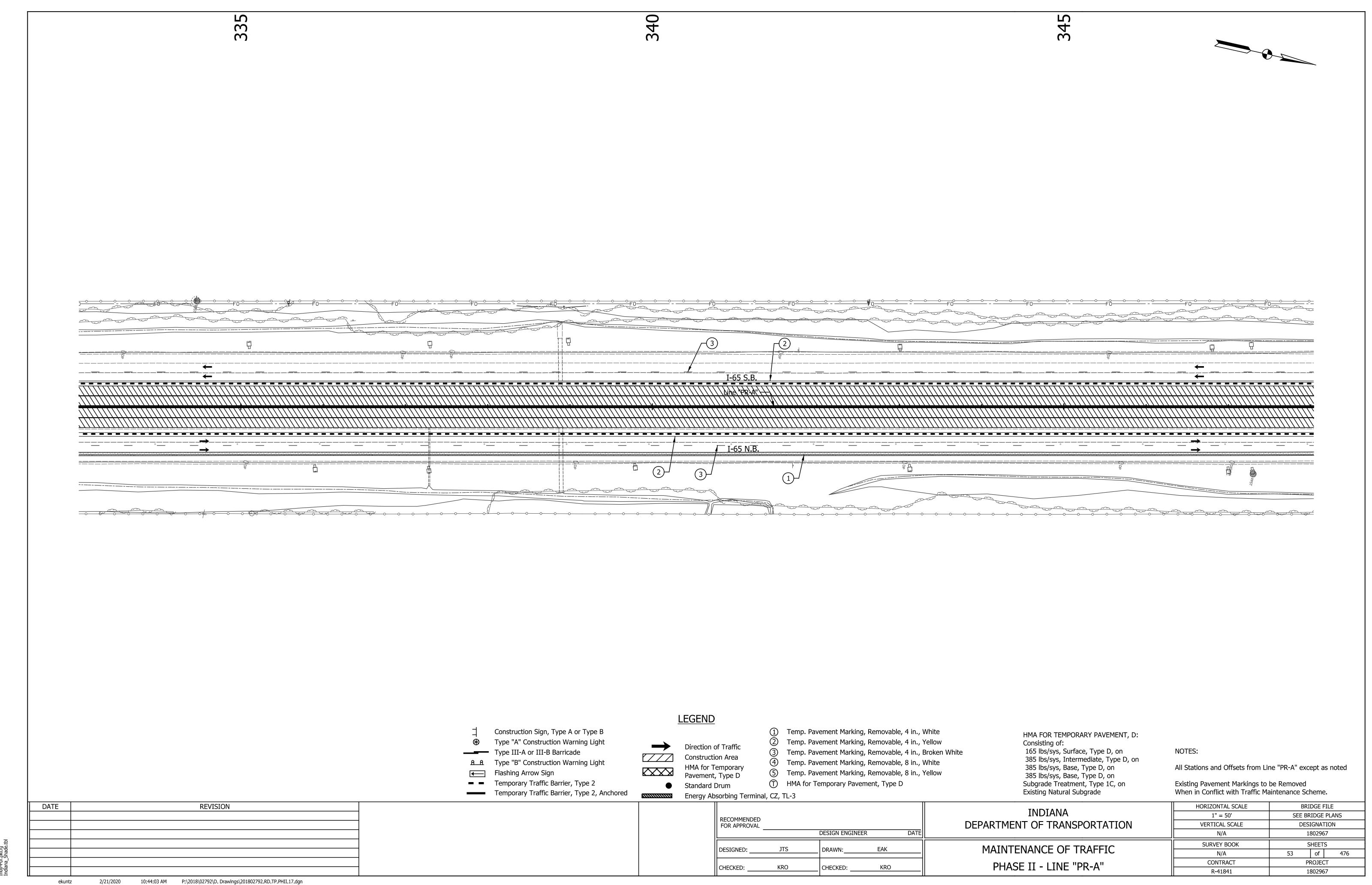


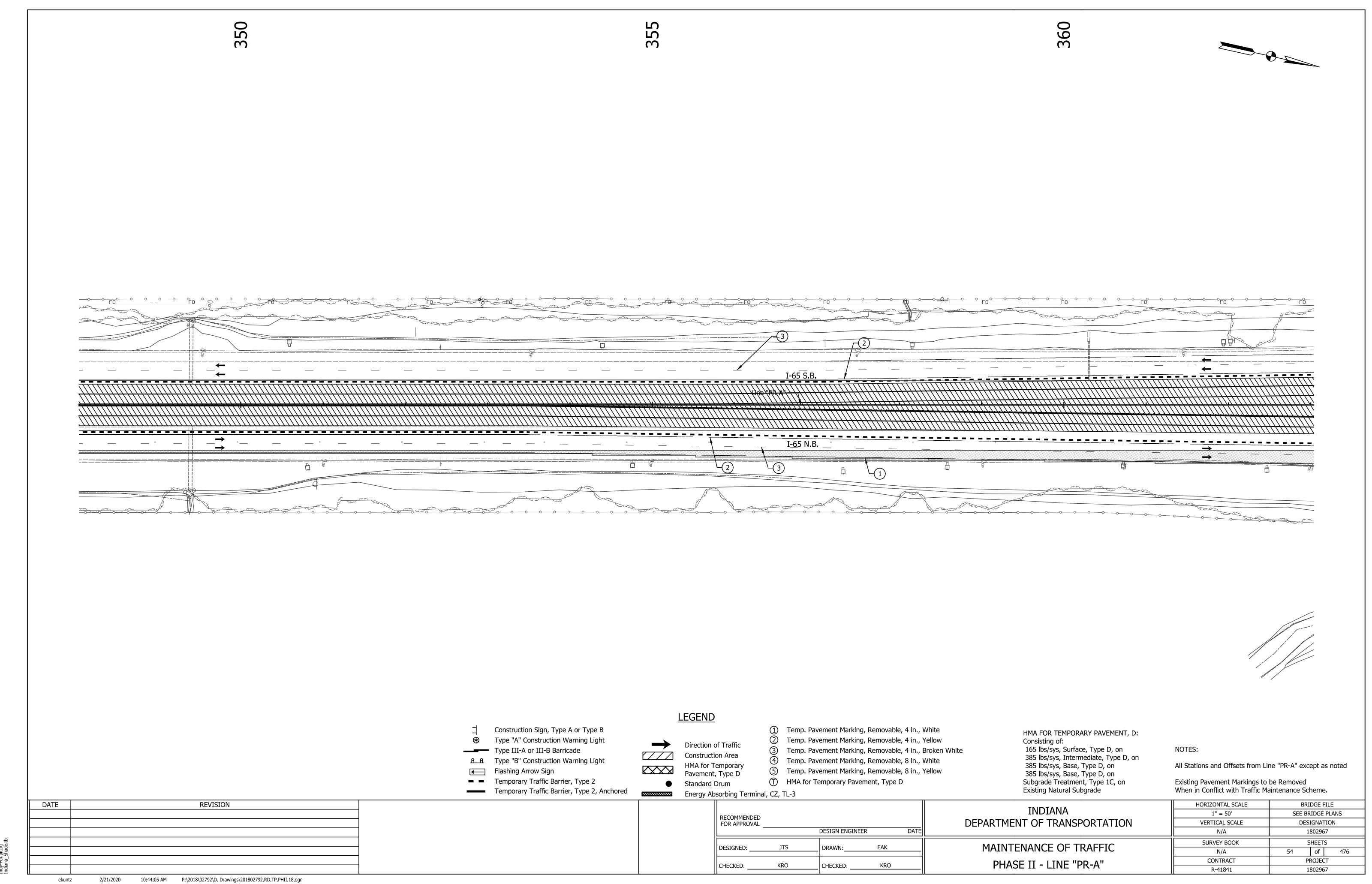


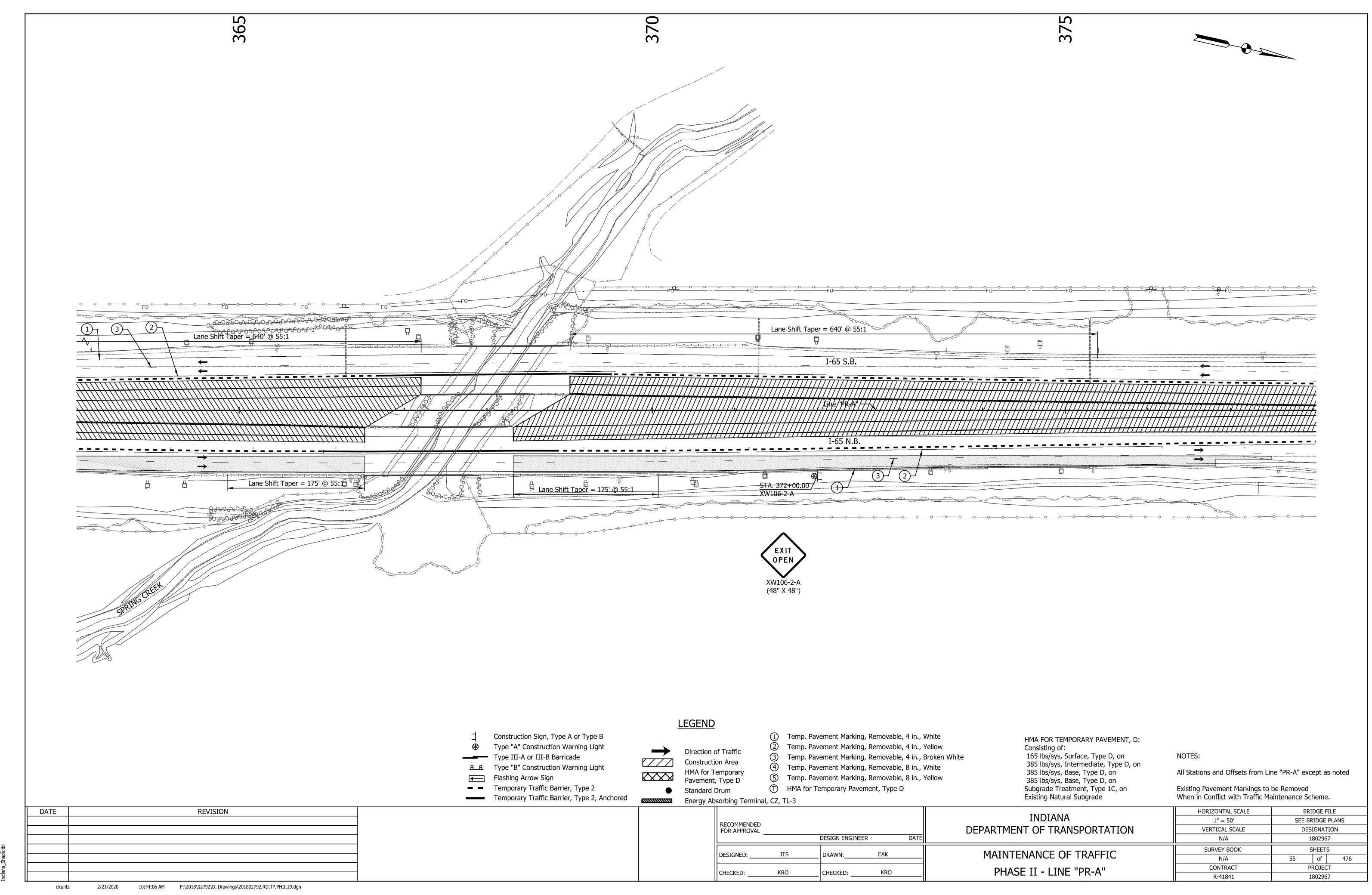


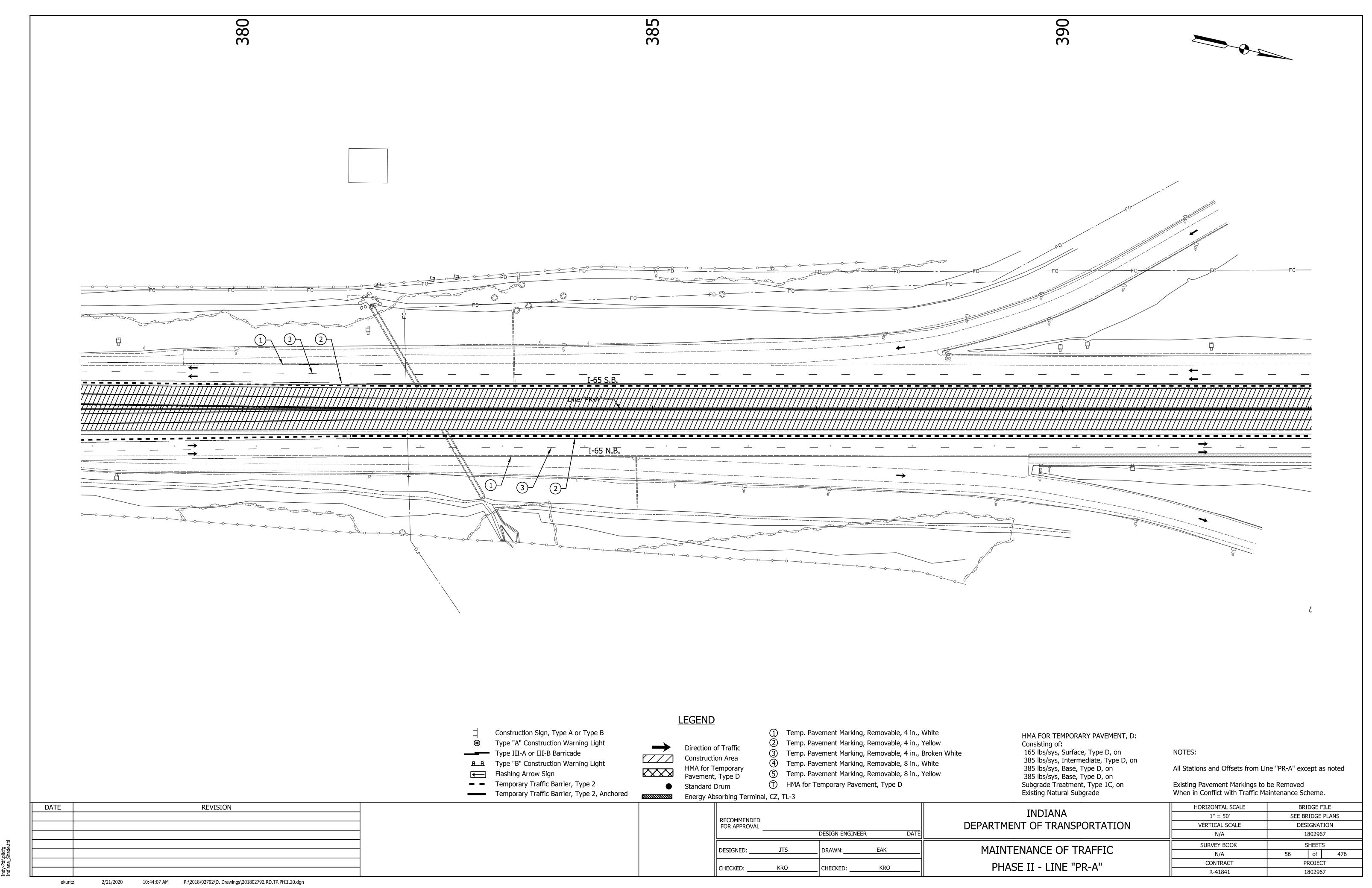


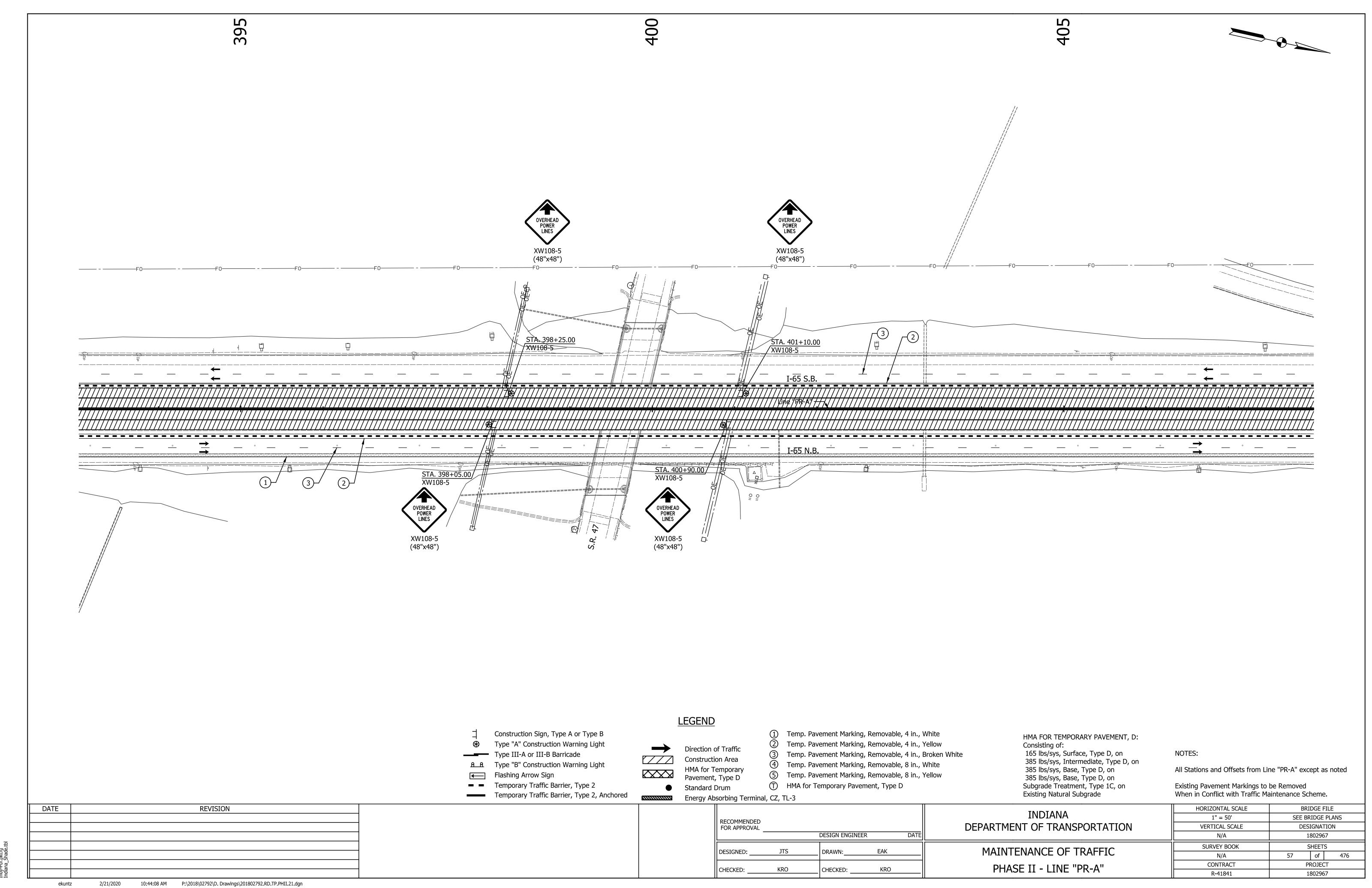


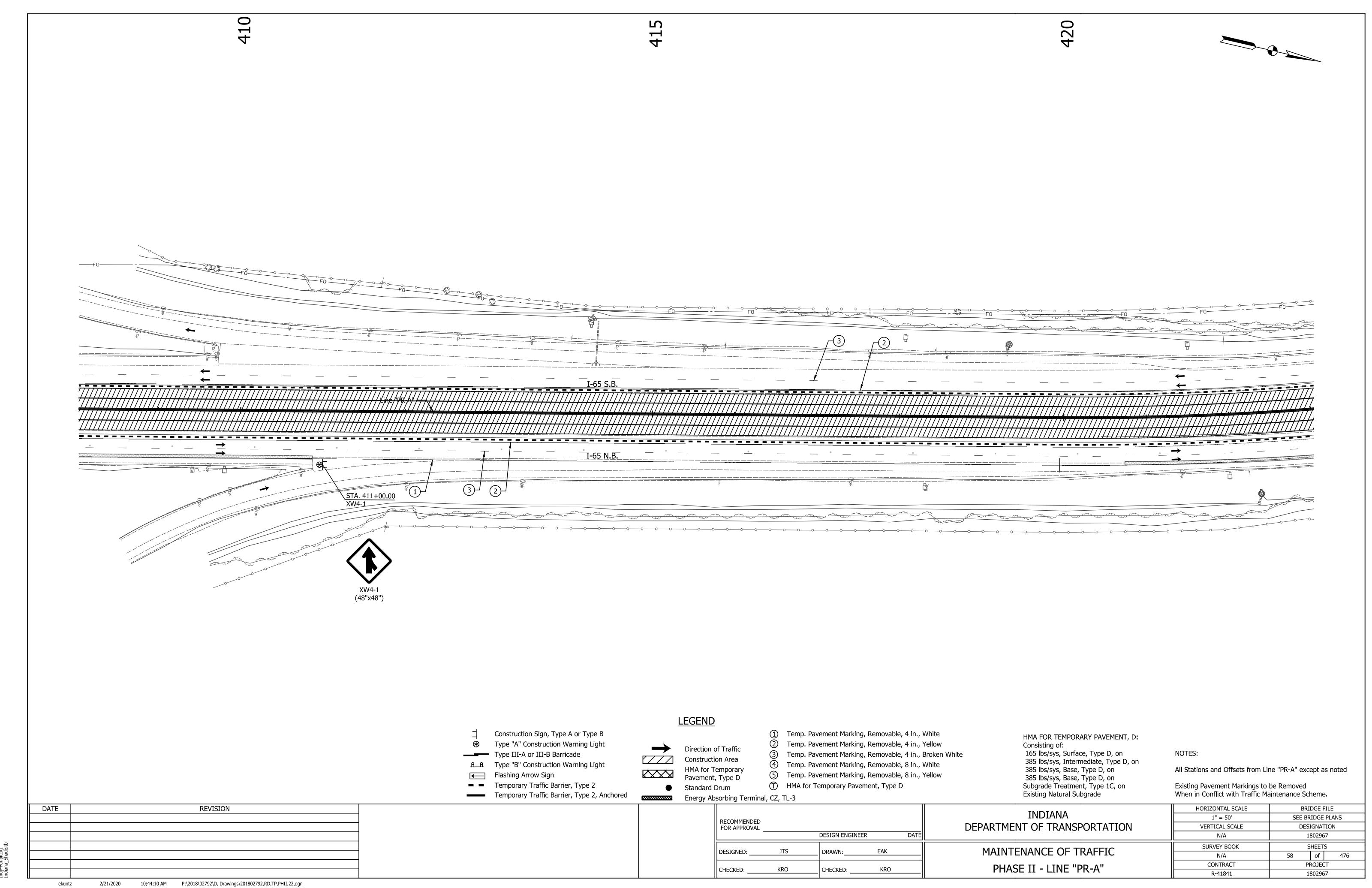


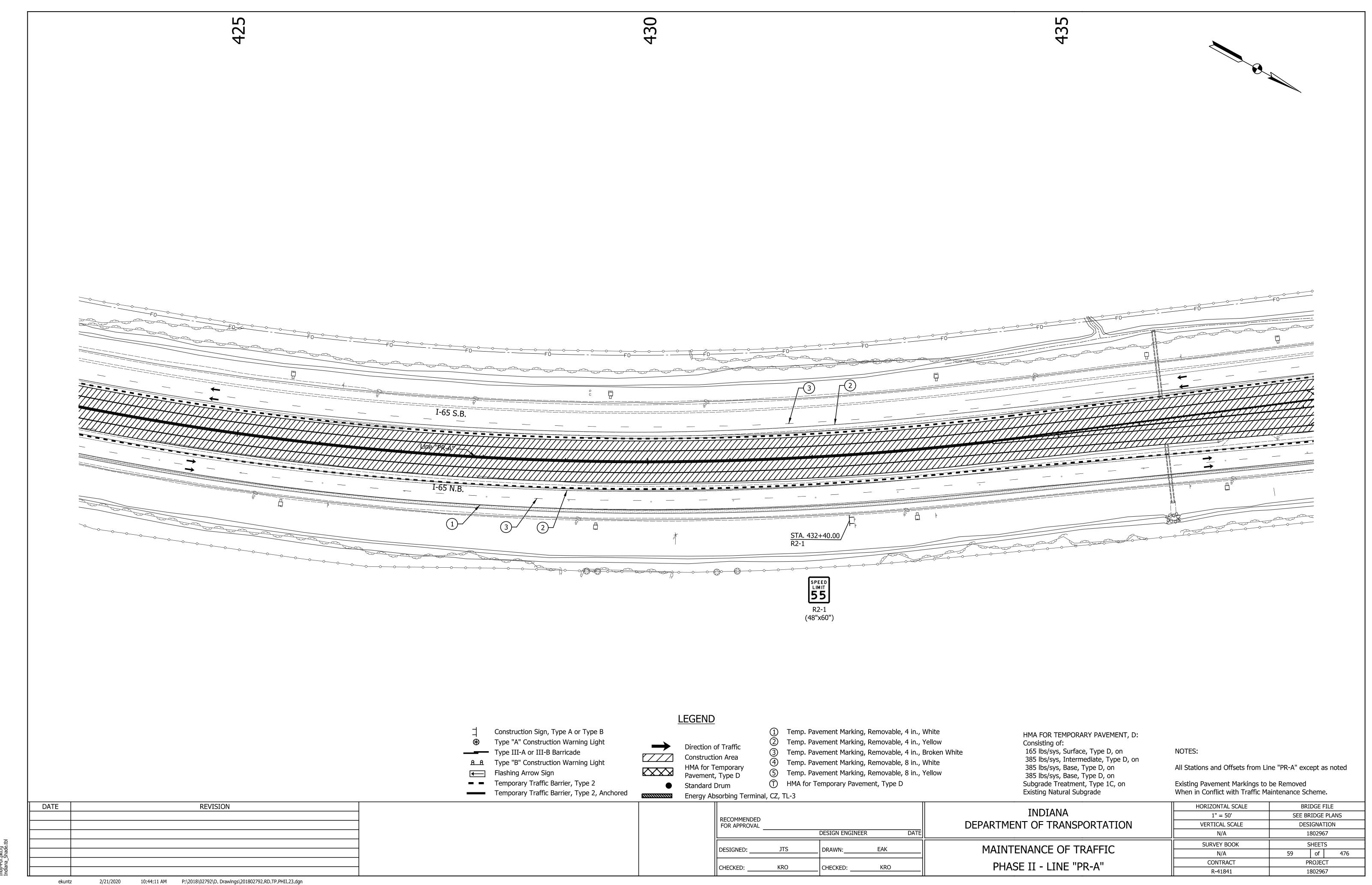


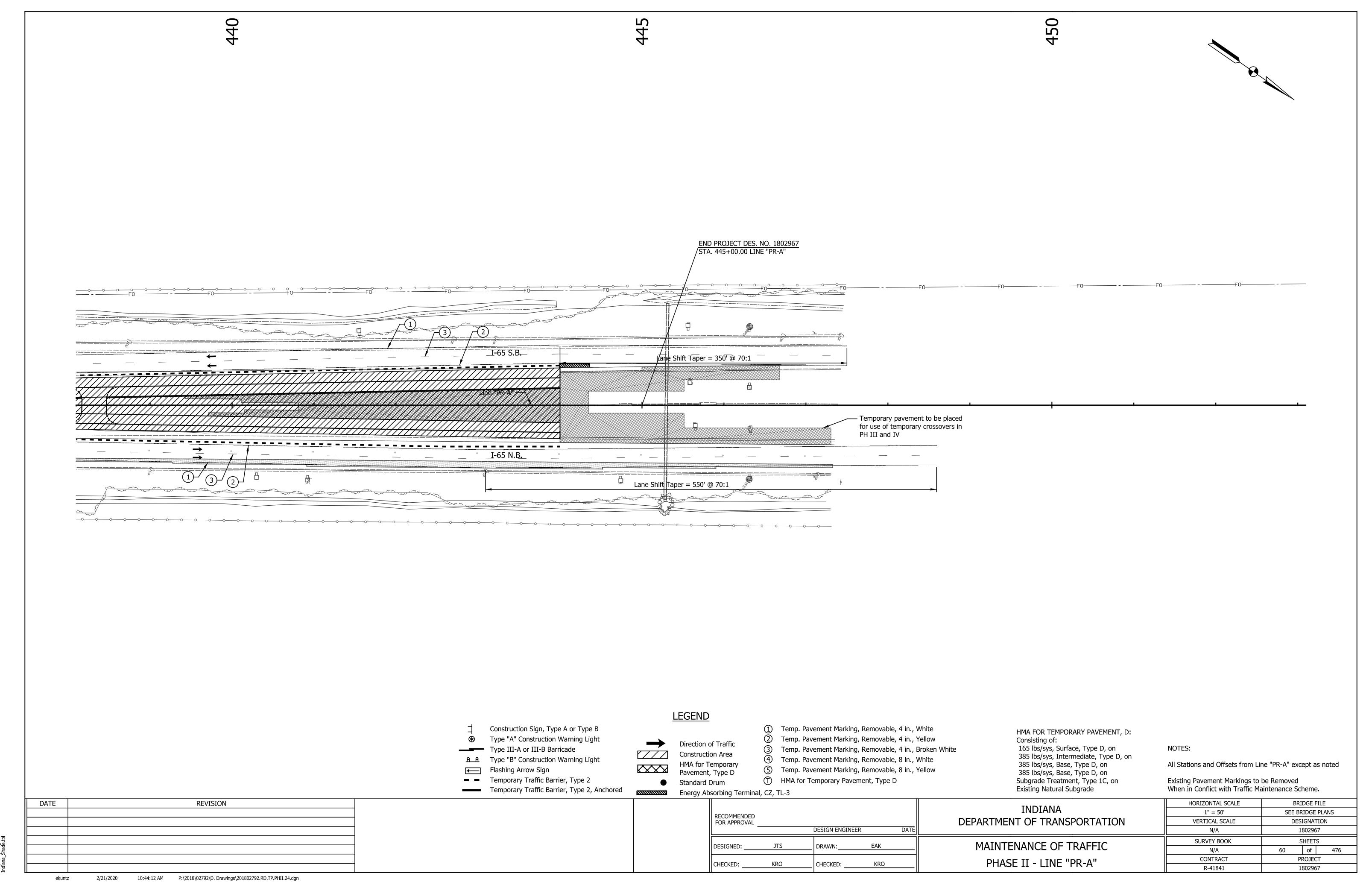


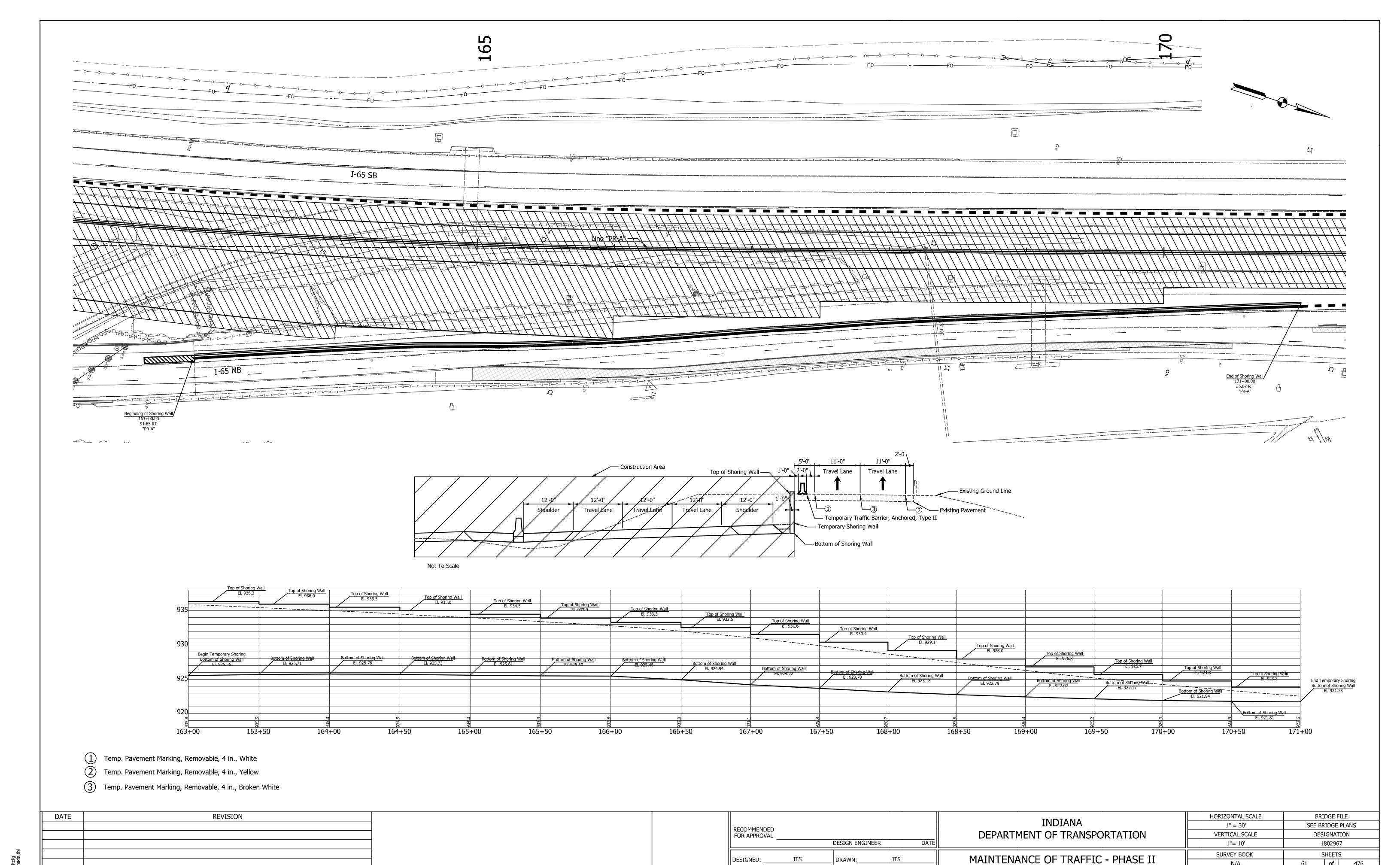












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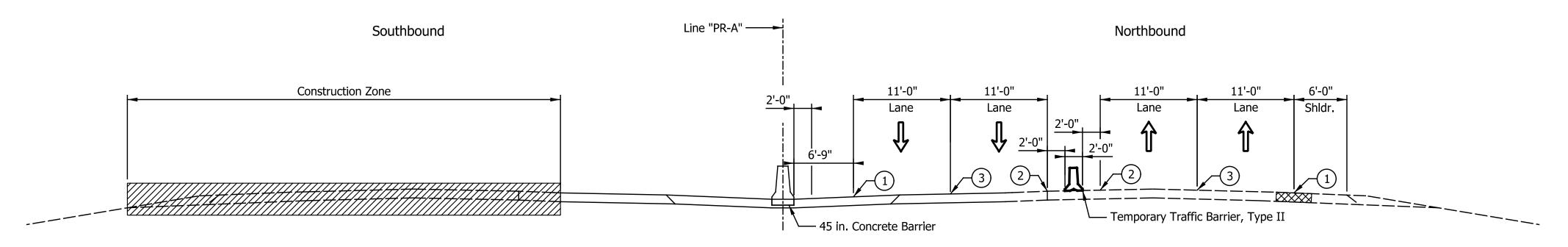
61

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CONTRACT

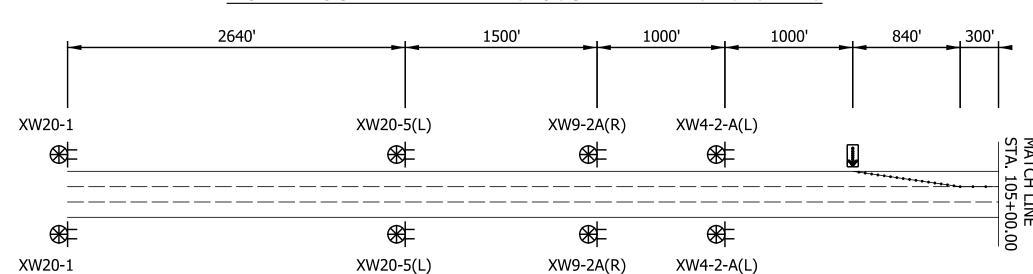
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TEMPORARY SHORING WALL DETAILS

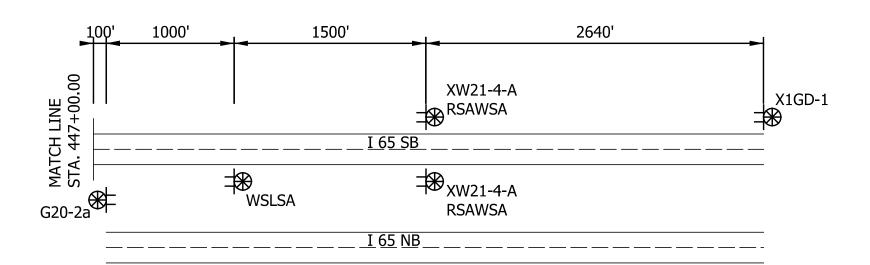


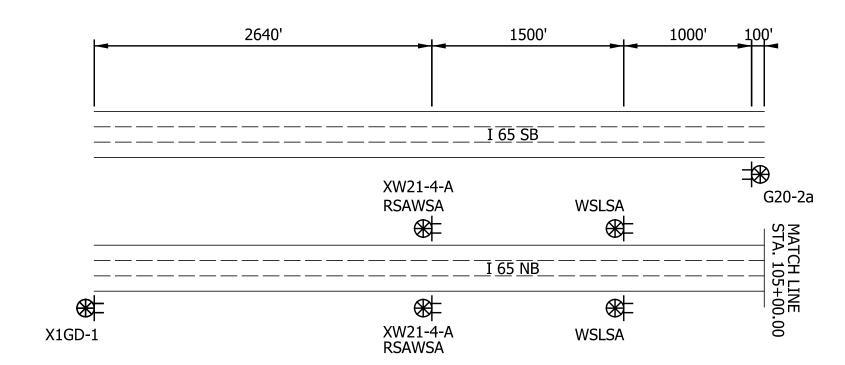
# MOT Phase III Typical Section

### NORTHBOUND LEFT LANE CLOSURE ADVANCE SIGNING



## **ADVANCED SIGNING DETAILS**





T HMA FOR TEMPORARY PAVEMENT, D: Consisting of: 165 lbs/sys, Surface, Type D, on 385 lbs/sys, Intermediate, Type D, on 385 lbs/sys, Base, Type D, on 385 lbs/sys, Base, Type D, on Subgrade Treatment, Type 1C, on Existing Natural Subgrade

#### PHASE THREE - General Notes:

Design Speed: Mainline I-65 = 55 mph Design Speed: Interchange Ramps = 50 mph

Design Clear Zone: Mainline I-65 = 24 ft Design Clear Zone: Interchange Ramps = 22 ft

Two travel lanes maintained in both northbound and southbound direction on east side of centerline "PR-A." Temporary concrete barrier between travel lanes and permanent concrete barrier between travel lanes and construction zone. Southbound middle and outside shoulder lane constructed in Phase III.

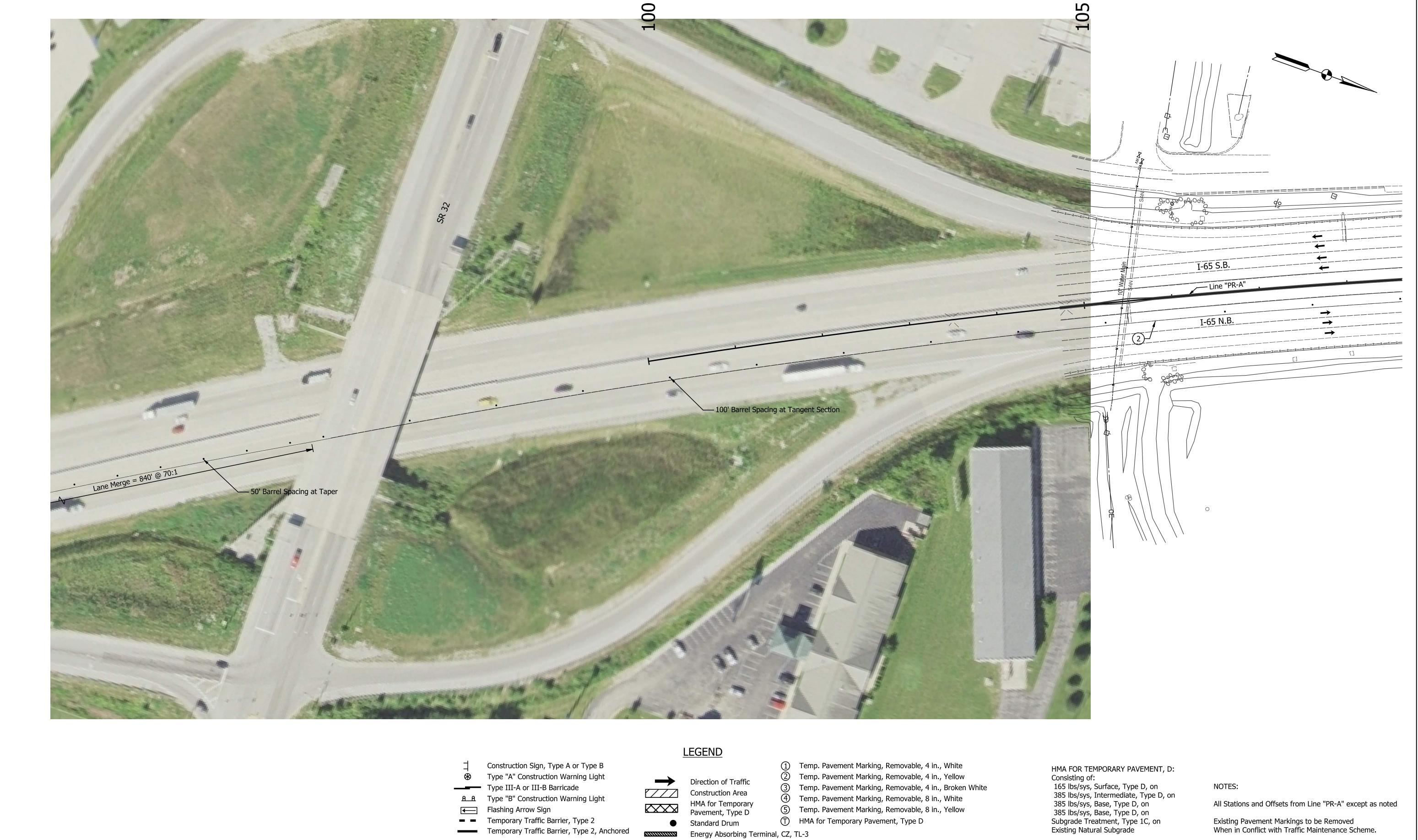
US 52 Ramps: access to remain open for I-65 NB to US 52 WB exit ramp; US 52 EB to I-65 SB entrance ramp will require restrictions to complete construction across ramp

SR 47 Ramps: access to remain open to I-65 NB Exit, Entrance Ramps and I-65 SB Exit; Entrance Ramps will require restrictions to complete construction across ramp

Lafayette Ave. Ramps: access to remain open to I-65 NB/US 52 WB CD Entrance Ramp; I-65 SB Exit closed

Detour Plan Signage setup for the Alternate Route Plan US 52 and SR 47 Detour Plan Signage setup for the Lafayette Ave. Exit Ramp

				_						
					TAIDTANIA	HORIZONTAL SCALE	BRIDGE FILE			
RECOMMENDED					INDIANA	1/8" = 1'-0"	SEE BRIDGE PLANS			
FOR APPROVAL					DEPARTMENT OF TRANSPORTATION	VERTICAL SCALE	DESIGNATION			
_	DESIGN ENGINEER DATE			DATE		1/8" = 1'-0"	1802967			
DESIGNED:	JTS DRAWN:	DD AMAN.	JTS		MAINTENANCE OF TRAFFIC	SURVEY BOOK	SHEETS		5	
		DRAWN:	212			N/A	62	of	476	
CHECKED:	KRO	CHECKED:	KRO		TYPICAL SECTIONS - PHASE III	CONTRACT	PROJECT			
			NRU			R-41841	1802967			



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REVISION

Temporary Traffic Barrier, Type 2, Anchored

Pavement, Type D Standard Drum

T HMA for Temporary Pavement, Type D Energy Absorbing Terminal, CZ, TL-3

Existing Pavement Markings to be Removed When in Conflict with Traffic Maintenance Scheme.

										_	
					TAIDTANIA	HORIZONTAL SCALE	BRIDGE FILE				
RECOMMENDED					INDIANA DEPARTMENT OF TRANSPORTATION	1" = 50'	SEE BRIDGE PLANS				
FOR APPROVAL						VERTICAL SCALE	DESIGNATION				
_		DESIGN ENGINEER DATE				N/A	1802967				
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