

PROJECT 1900049	DESIGNATION 1900049
CONTRACT R-42452	

KIN PROJECT INFORMATION	
DESIGNATION	PROJECT DESCRIPTION
1900050	US 20 From 3.1 Miles East Of SR 39 To A Point 4.85 Miles East Of SR 39 Including Adding A Two-way Left Turn Lane, Improve And Widen Shoulders, Replace Or Add New Pavement Markings.

# INDIANA DEPARTMENT OF TRANSPORTATION



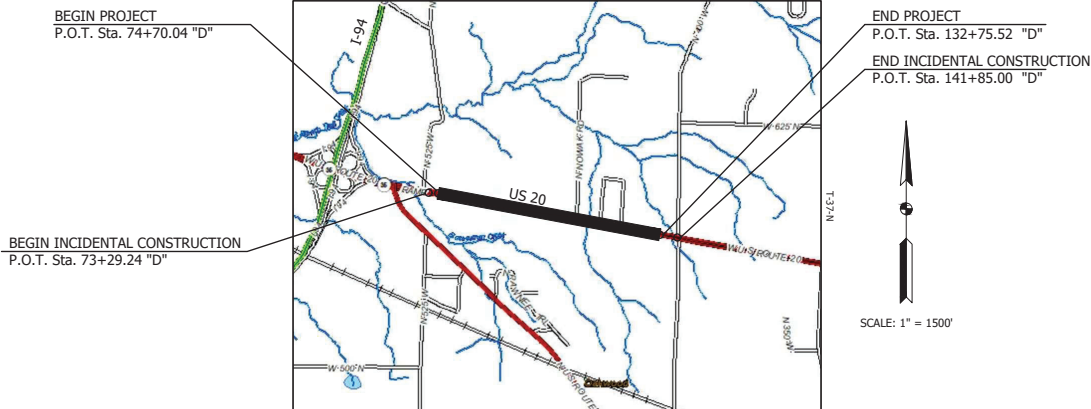
## ROAD PLANS

ROUTE: US 20 FROM: RP 45+40 TO: RP 46+50

PROJECT NO. 1900049 P.E.  
 1900049 R/W  
 1900049 CONST.

Improvements To US 20 From 0.15 Miles East Of US 35 To A Point 1.25 Miles East Of US 35 Including Adding A Two-way Left Turn Lane, Improve And Widen Shoulders, Culvert Improvements, Guardrail Improvements, Replace Or Add New Pavement Markings In Sections 5 & 6, T 37 N., R. 3 W., Springfield Township, LaPorte County, Indiana.

GROSS LENGTH: 1.10 MI.  
 NET LENGTH: 1.10 MI.  
 SCALES:  
 PLAN LONG- 1"=20' HORIZ- 1"=20'  
 TRANS- 1"=20' VERT- 1"=10' MAX. GRADE: 1.46%  
 R-3-W

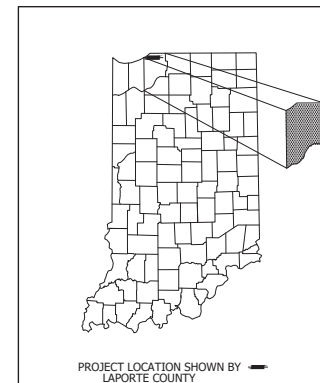


VICINITY MAP  
LAPORTE COUNTY

TRAFFIC DATA		US 20	
A.A.D.T.	(2024)	19,800	V.P.D.
A.A.D.T.	(2044)	23,800	V.P.D.
D.H.V.	(2044)	2,380	V.P.H.
DIRECTIONAL DISTRIBUTION		51/49	%
TRUCKS		35	% A.A.D.T.
		36	% D.H.V.

DESIGN DATA	
DESIGN SPEED	55 MPH
PROJECT DESIGN CRITERIA	3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	OTHER PRINCIPAL ARTERIAL
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	NONE



BEGIN: LATITUDE: 41°41'32"N END: LATITUDE: 41°41'23"N	LONGITUDE: 86°48'01"W LONGITUDE: 86°46'52"W
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HUC: 04040001070010

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

PLANS PREPARED BY: Butler Fairman and Seufert Inc. (317)713-4615  
 CERTIFIED BY: \_\_\_\_\_ DATE \_\_\_\_\_  
 APPROVED FOR LETTING: \_\_\_\_\_ DATE \_\_\_\_\_  
 INDIANA DEPARTMENT OF TRANSPORTATION

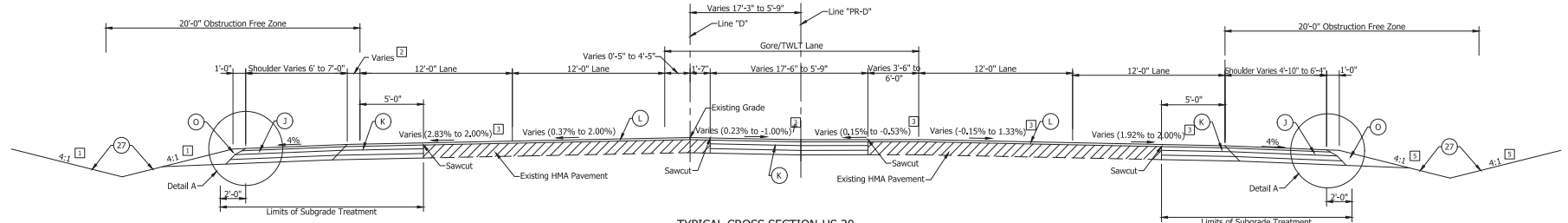
BRIDGE FILE	
DESIGNATION	
1900049	
SURVEY BOOK	SHEET
1	188
PROJECT	
R-42452 1900049	

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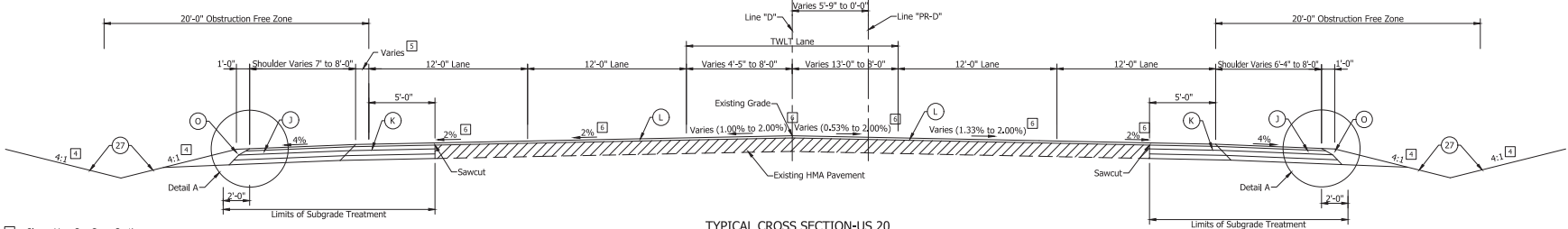


**TYPICAL CROSS SECTION-US 20**

Scale: 1/4" = 1'-0"

Sta. 74+70.04 "D" to Sta. 77+00.68 "D"

- [1] Slopes Vary See Cross Sections
- [2] Varies 4'-0" to 1'-11" From Sta. 74+70.04 "D" to Sta. 77+00.68 "D"
- [3] See Spot Elevation Details

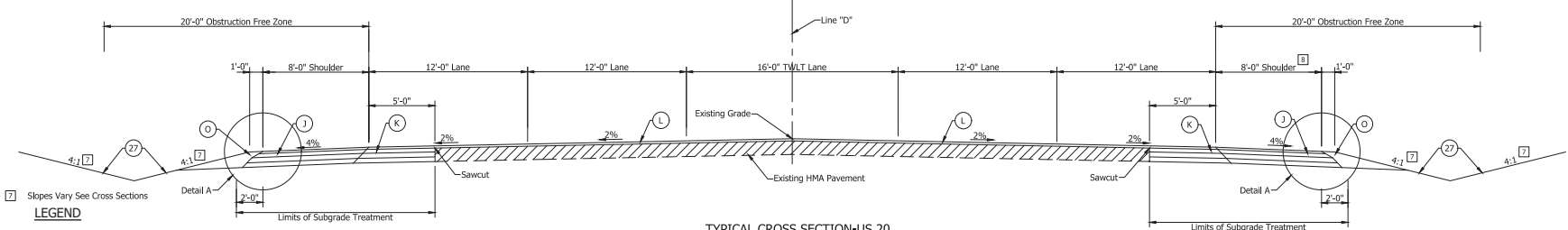


**TYPICAL CROSS SECTION-US 20**

Scale: 1/4" = 1'-0"

Sta. 77+00.68 "D" to Sta. 80+14.50 "D"

- [4] Slopes Vary See Cross Sections
- [5] Varies 1'-11" to 0' From Sta. 77+00.68 "D" to Sta. 79+02.21 "D"
- [6] See Spot Elevation Details



**TYPICAL CROSS SECTION-US 20**

Scale: 1/4" = 1'-0"

Sta. 80+14.50 "D" to Sta. 115+25.00 "D"  
Sta. 121+20.62 "D" to Sta. 127+67.10 "D"

- [7] Slopes Vary See Cross Sections

**LEGEND**

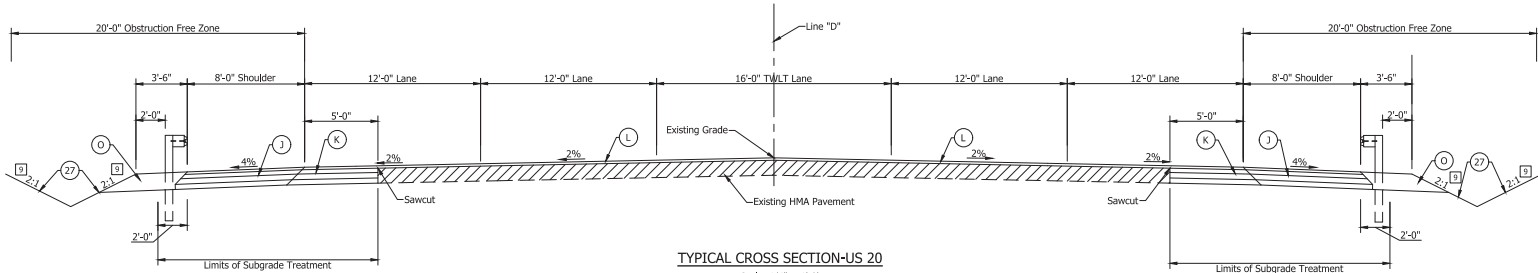
- [K] Widening with HMA, Consisting of 220#/Syd. QC/QA HMA, 4, 76, Surface, 9.5 mm On 385#/Syd. HMA Intermediate, Type D On 1155#/Syd. HMA Base, Type D (Placed in 2 Lifts) On Subgrade Treatment, Type IBC
- [K1] Full Depth HMA, Consisting of 220#/Syd. QC/QA HMA, 4, 76, Surface, 9.5 mm On 385#/Syd. QC/QA HMA, 4, 76 Intermediate, 19.0 mm On 1155#/Syd. QC/QA HMA, 4, 64, Base, 25.0 mm (Placed in 2 Lifts) On Subgrade Treatment, Type IBC
- [L] HMA Mill & Overlay 220#/Syd. QC/QA HMA, 4, 76, Surface, 9.5 mm On 2" Milling, Asphalt
- [L1] HMA Mill & Variable Depth Overlay (See Sheet No. 03) 220#/Syd. QC/QA HMA, 4, 76, Surface, 9.5 mm On Variable Depth QC/QA HMA, 4, 76, Intermediate, 19.0 mm On Variable Depth QC/QA HMA, 4, 64, Base, 25 mm On Milling, Profile
- [J] Full Depth HMA Shoulder, Consisting of 220#/Syd. QC/QA HMA, 3, 64, Surface, 9.5 mm On 385#/Syd. QC/QA HMA, 3, 64 Intermediate, 19.0 mm On 550#/Syd. QC/QA HMA, 4, 64, Base, 25.0 mm On 5.5" of No. 53 Compacted Aggregate On Subgrade Treatment, Type IBC
- [O] Compacted Agg. No. 53
- [27] Seed Mixture, R

NOTE:  
1. Sta. 70+74.04 "D" to Sta. 132+75.52 "D" : Contractor shall install Centerline and Shoulder Rumble Stripes, in accordance with E 606-SHCCG-07 and E 606-SHCCG-10 Standard Drawings, respectively.

- [7] Varies 4'-11" to 8'-0" From Sta. 80+14.50 "D" to Sta. 80+22.46 "D"

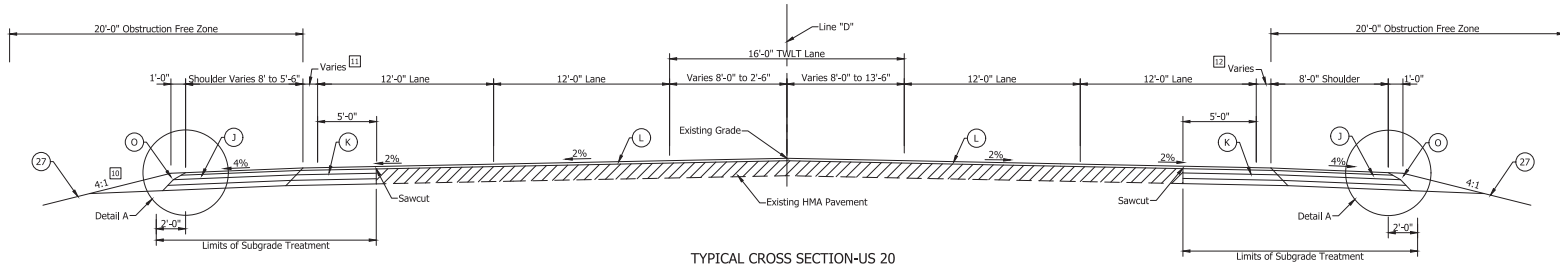
RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE _____ DESIGNED: JWG DRAWN: BKM CHECKED: JCS CHECKED: JWG	<b>INDIANA</b> DEPARTMENT OF TRANSPORTATION  <b>TYPICAL CROSS SECTIONS</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">HORIZONTAL SCALE</td> <td style="width: 50%;">BRIDGE FILE</td> </tr> <tr> <td>As Shown</td> <td>DESIGNATION</td> </tr> <tr> <td>N/A</td> <td>1900049</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEET</td> </tr> <tr> <td></td> <td>3 OF 188</td> </tr> <tr> <td>CONTRACT</td> <td>PROJECT</td> </tr> <tr> <td>R-42452</td> <td>1900049</td> </tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	As Shown	DESIGNATION	N/A	1900049	SURVEY BOOK	SHEET		3 OF 188	CONTRACT	PROJECT	R-42452	1900049
HORIZONTAL SCALE	BRIDGE FILE															
As Shown	DESIGNATION															
N/A	1900049															
SURVEY BOOK	SHEET															
	3 OF 188															
CONTRACT	PROJECT															
R-42452	1900049															

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**TYPICAL CROSS SECTION-US 20**  
Scale: 1/4" = 1'-0"  
Sta. 115+25.00 "D" to Sta. 121+20.62 "D"

Ⓜ Slopes 2:1 (Max) See Cross Sections

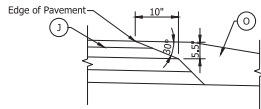


**TYPICAL CROSS SECTION-US 20**  
Scale: 1/4" = 1'-0"  
Sta. 127+67.10 "D" to Sta. 132+75.52 "D"

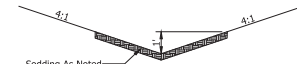
Ⓜ Slopes Vary See Cross Sections

Ⓜ Varies 0' to 2'-0" From Sta. 127+67.10 "D" to Sta. 132+75.52 "D"

Ⓜ Varies 0' to 3'-4" From Sta. 127+67.10 "D" to Sta. 132+75.52 "D" Lt.



**DETAIL A  
MODIFIED SAFETY EDGE**  
Not to Scale



**SODDED DITCH DETAIL**  
Not to Scale

**LEGEND**

- Ⓚ Widening with HMA, Consisting of  
220#/Syd. QC/QA HMA, 4, 76, Surface, 9.5 mm On  
385#/Syd. HMA Intermediate, Type D On  
1155#/Syd. HMA Base, Type D (Placed in 2 Lifts) On  
Subgrade Treatment, Type IBC
- ⓀⓁ Full Depth HMA, Consisting of  
220#/Syd. QC/QA HMA, 4, 76, Surface, 9.5 mm On  
385#/Syd. QC/QA HMA, 4, 76 Intermediate, 19.0 mm On  
1155#/Syd. QC/QA HMA, 4, 64, Base, 25.0 mm (Placed in 2 Lifts) On  
Subgrade Treatment, Type IBC
- Ⓛ HMA Mill & Overlay  
220#/Syd. QC/QA HMA, 4, 76, Surface, 9.5 mm On  
2" Milling, Asphalt
- ⓁⓁ HMA Mill & Variable Depth Overlay (See Sheet No. 03)  
220#/Syd. QC/QA HMA, 4, 76, Surface, 9.5 mm On  
Variable Depth QC/QA HMA, 4, 76, Intermediate, 19.0 mm On  
Variable Depth QC/QA HMA, 4, 64, Base, 25 mm On  
Milling, Profile
- Ⓛ Full Depth HMA Shoulder, Consisting of  
220#/Syd. QC/QA HMA, 3, 64, Surface, 9.5 mm On  
385#/Syd. QC/QA HMA, 3, 64 Intermediate, 19.0 mm On  
550#/Syd. QC/QA HMA, 4, 64, Base, 25.0 mm On  
5.5" of No. 53 Compacted Aggregate On  
Subgrade Treatment, Type IBC
- Ⓞ Compacted Agg. No. 53
- Ⓞ Seed Mixture, R

**NOTE:**

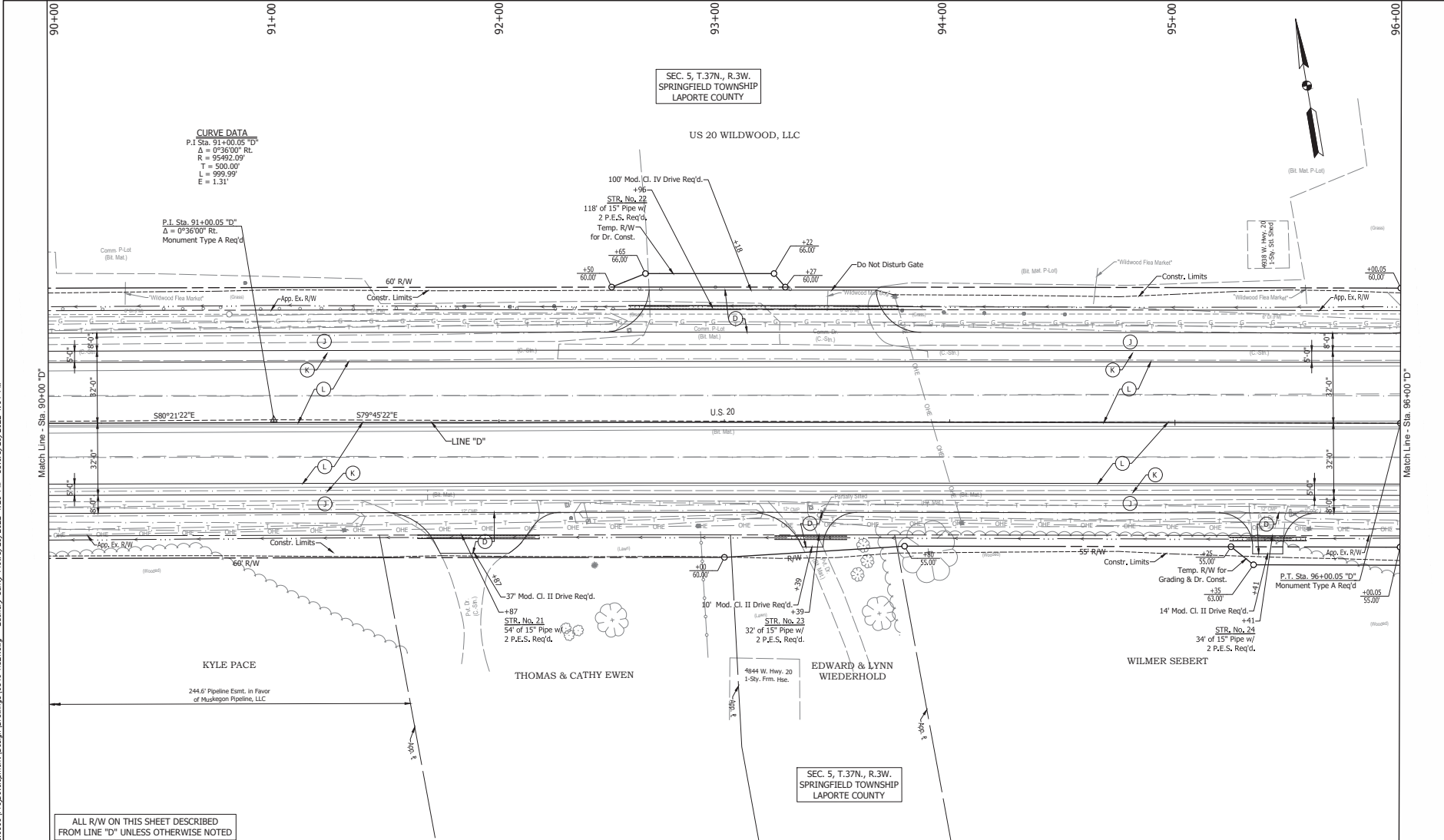
1. Sta. 70+74.04 "D" to Sta. 132+75.52 "D" : Contractor shall install Centerline and Shoulder Rumble Stripes, in accordance with E 606-SHCG-07 and E 606-SHCG-10 Standard Drawings, respectively.
2. See Plan and Profile Sheets for Guardrail Information.

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE _____ DESIGNED: _____ JWG _____ DRAWN: _____ BKM _____ CHECKED: _____ JCS _____ CHECKED: _____ JWG _____	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>  <b>TYPICAL CROSS SECTIONS</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">HORIZONTAL SCALE</td> <td style="width: 50%;">BRIDGE FILE</td> </tr> <tr> <td>As Shown</td> <td>DESIGNATION</td> </tr> <tr> <td>N/A</td> <td>1900049</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEET</td> </tr> <tr> <td>4</td> <td>188</td> </tr> <tr> <td>CONTRACT</td> <td>PROJECT</td> </tr> <tr> <td>R-42452</td> <td>1900049</td> </tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	As Shown	DESIGNATION	N/A	1900049	SURVEY BOOK	SHEET	4	188	CONTRACT	PROJECT	R-42452	1900049
HORIZONTAL SCALE	BRIDGE FILE															
As Shown	DESIGNATION															
N/A	1900049															
SURVEY BOOK	SHEET															
4	188															
CONTRACT	PROJECT															
R-42452	1900049															

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BPS NO.

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- LEGEND**
- (D) HMA FOR APPROACHES, TYPE B (SEE TYPICAL SECTIONS)
  - (J) FULL DEPTH HMA SHOULDER (SEE TYPICAL SECTIONS)
  - (K) WIDENING HMA PAVEMENT, TYPE D (SEE TYPICAL SECTIONS)
  - (L) MILL & OVERLAY EXISTING PAVEMENT (SEE TYPICAL SECTIONS)

RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER	DATE
DESIGNED: JWG	DRAWN: JMT		
CHECKED: JCS	CHECKED: JWG		

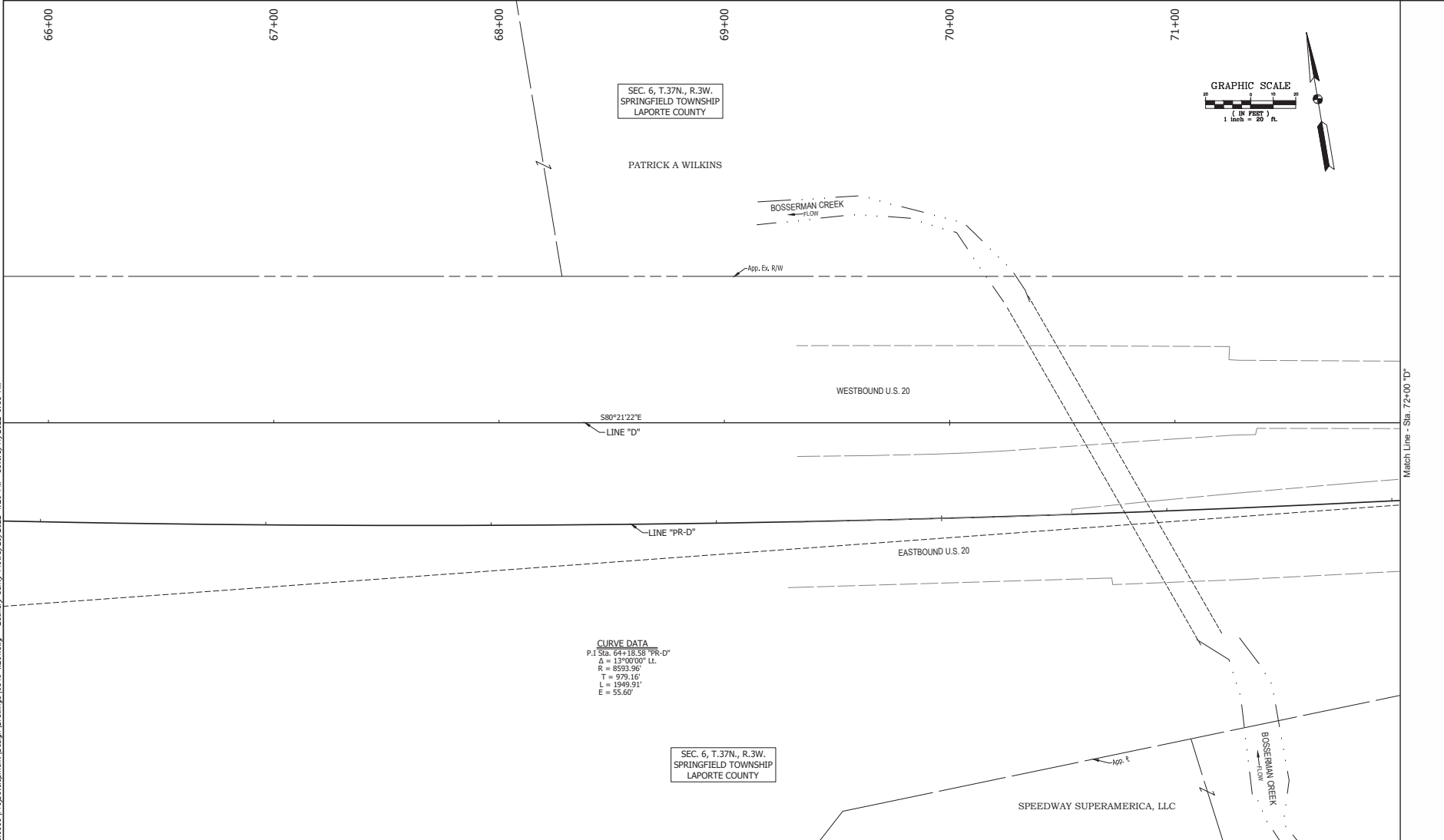
**INDIANA**  
DEPARTMENT OF TRANSPORTATION

**CONSTRUCTION DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION
N/A	1900049
SURVEY BOOK	SHEET
	5 OF 1
CONTRACT	PROJECT
R-42452	1900049

05-6000

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**CURVE DATA**  
 P.I. Sta. 64+18.58 "PR-D"  
 Δ = 13°00'00" Lt.  
 R = 8593.96'  
 T = 973.16'  
 L = 1949.91'  
 E = 55.60'

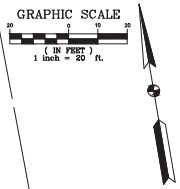
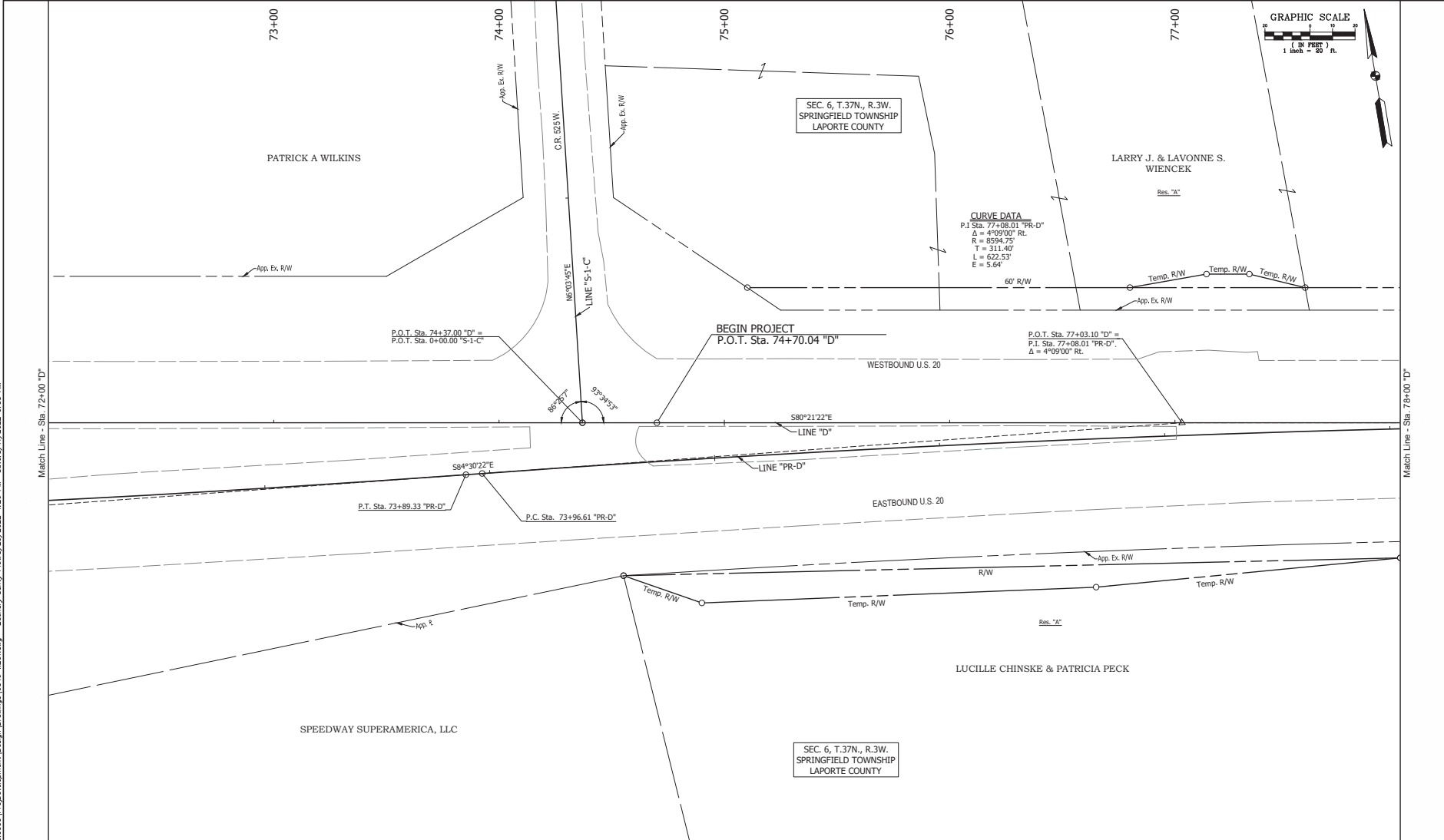
SEC. 6, T. 37N., R. 3W.  
SPRINGFIELD TOWNSHIP  
LAPORTE COUNTY

RECOMMENDED FOR APPROVAL:	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: EKG	DRAWN: RJM		VERTICAL SCALE	DESIGNATION
	CHECKED: MAW	CHECKED: EKG		N/A	1900049
PLAT NO. 1			SURVEY BOOK	SHEET	
			CONTRACT	5	188
			R-42452	PROJECT	1900049

05-6000

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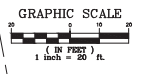
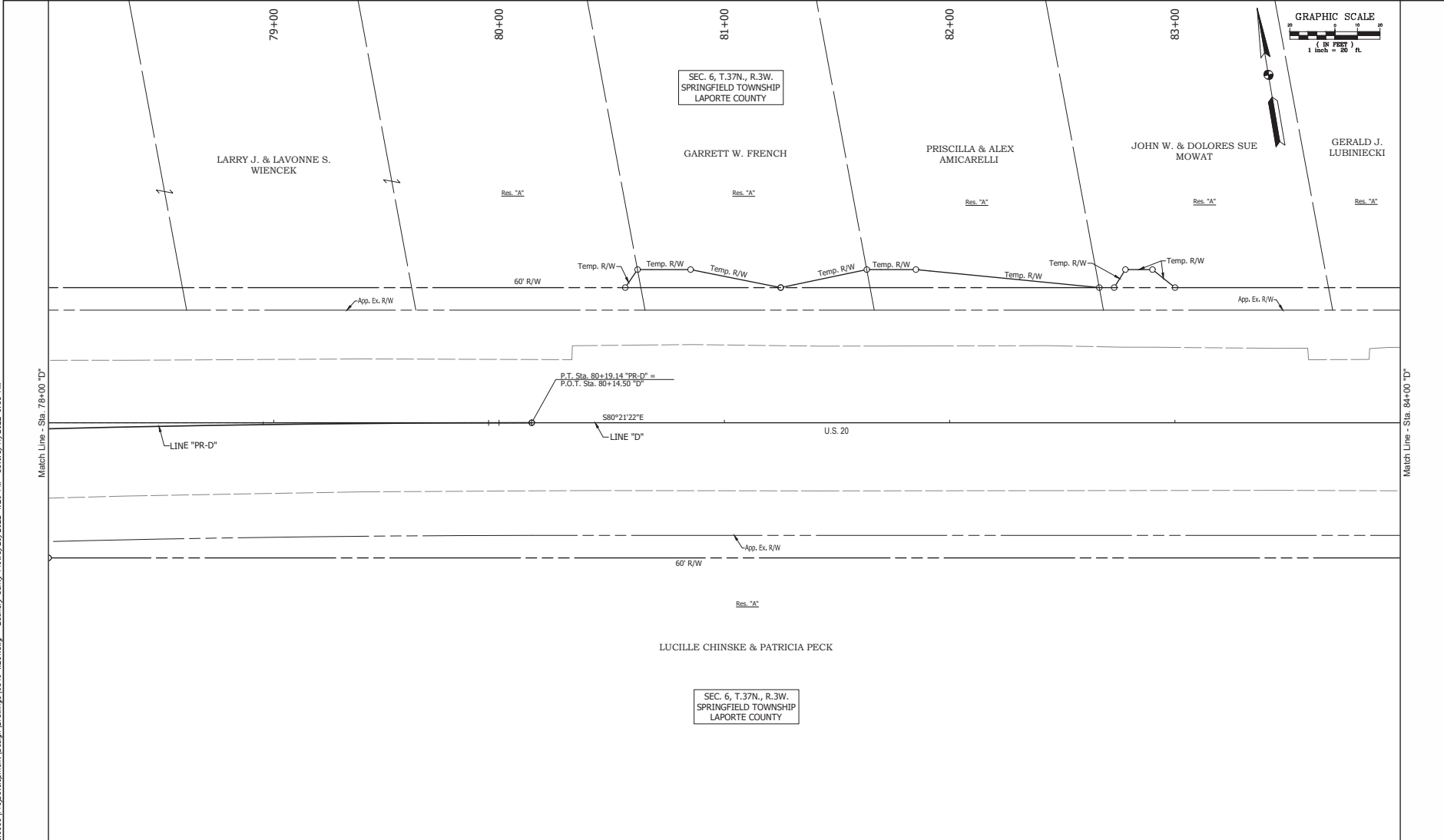
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**CURVE DATA**  
 P.I. Sta. 77+06.01 "PR-D"  
 $\Delta = 4^{\circ}09'00"$  Rt.  
 R = 8594.75'  
 T = 311.40'  
 L = 622.53'  
 E = 5.64'

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE _____ DESIGNED: EKG DRAWN: RJM CHECKED: MAW CHECKED: EKG	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>  <b>PLAT NO. 1</b>		HORIZONTAL SCALE 1" = 30' VERTICAL SCALE N/A	BRIDGE FILE DESIGNATION 1900049
			SURVEY BOOK 6	SHEET 188
			CONTRACT R-42452	PROJECT 1900049

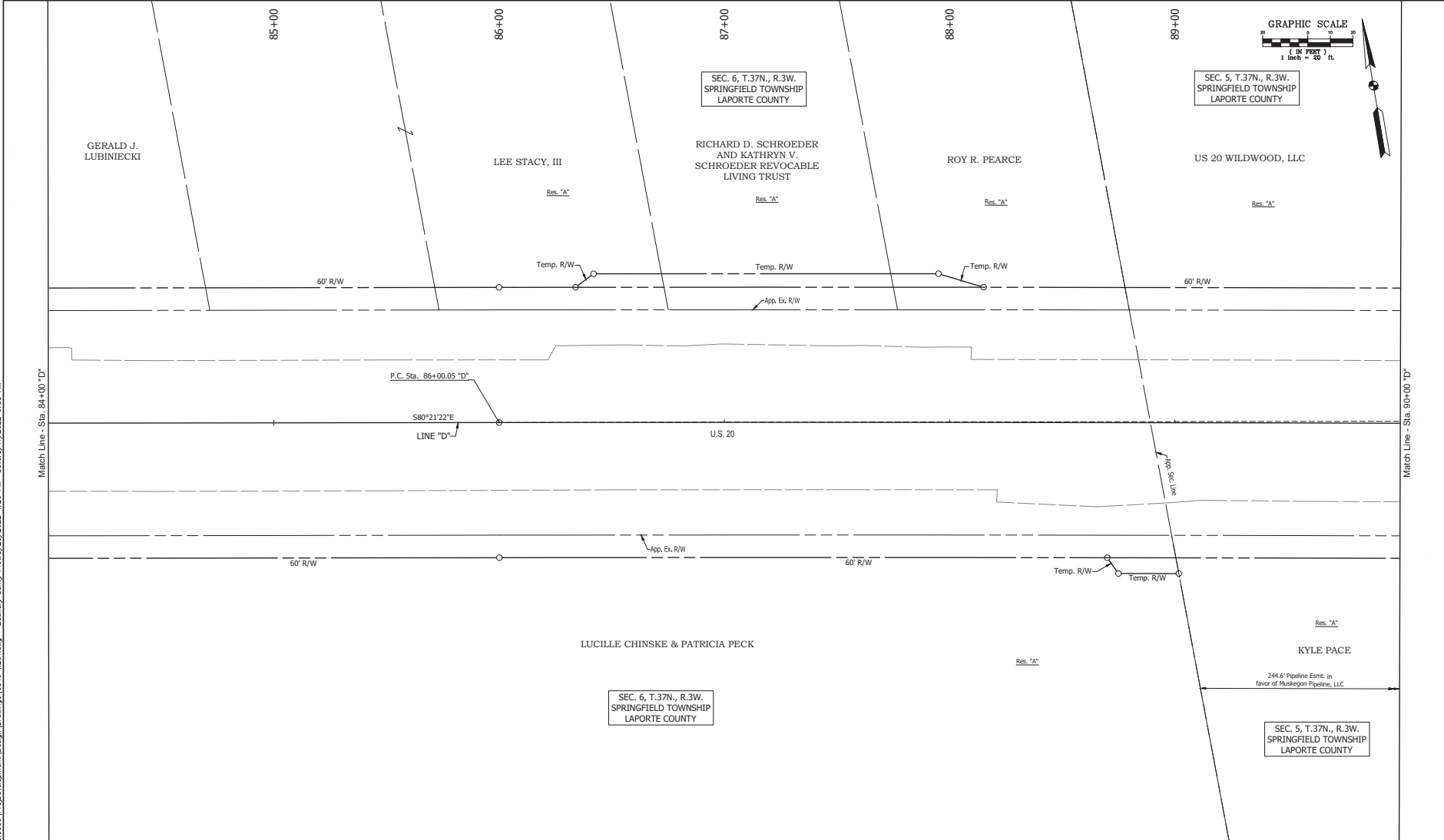
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RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE _____ DESIGNED: EKG DRAWN: RJM CHECKED: MAW CHECKED: EKG	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>  <b>PLAT NO. 1</b>		HORIZONTAL SCALE 1" = 30' VERTICAL SCALE N/A	BRIDGE FILE DESIGNATION 1900049
			SURVEY BOOK 7	SHEET 188
			CONTRACT R-42452	PROJECT 1900049
				IPR NO. 05-6000



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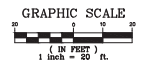
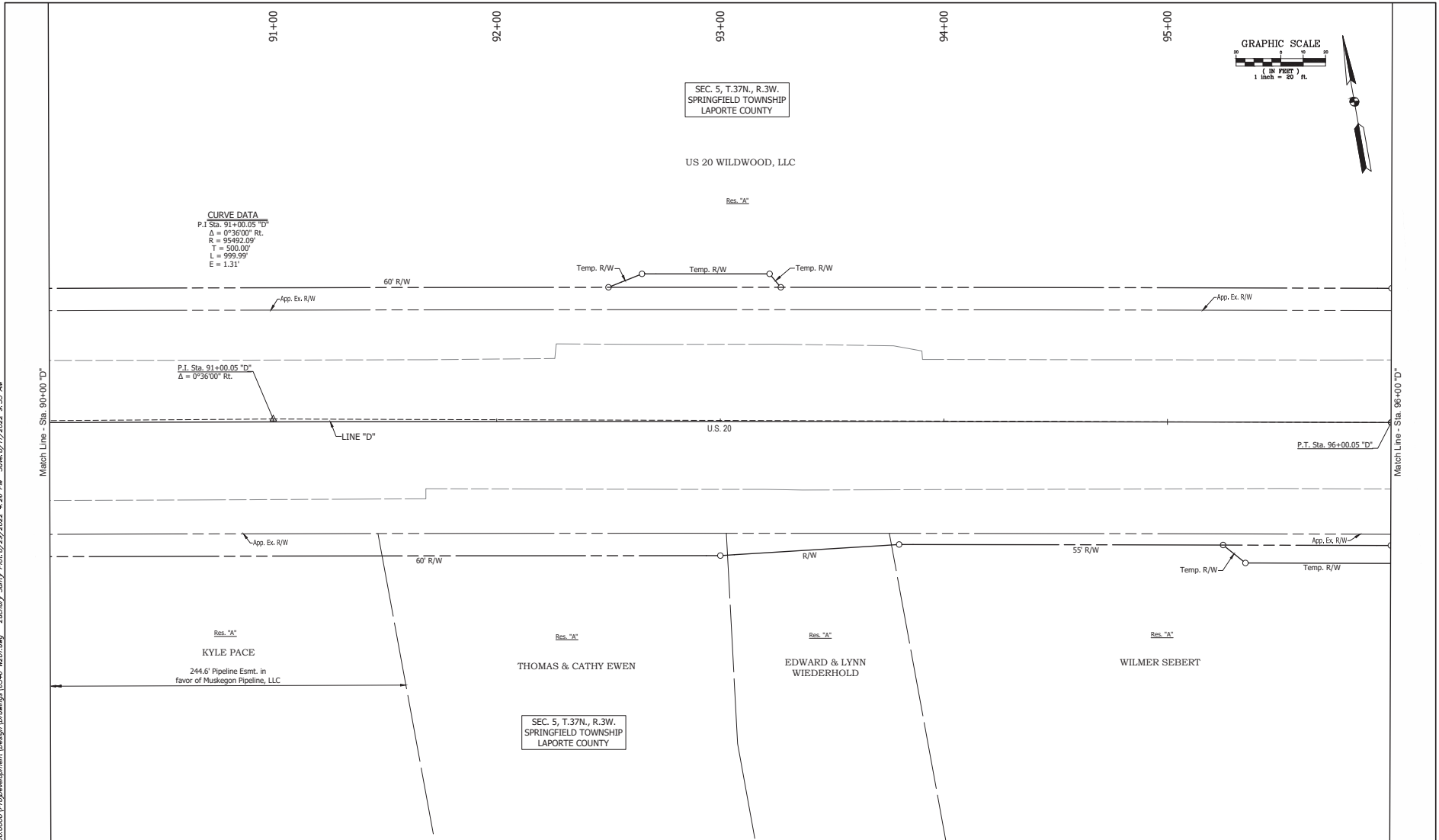


RECOMMENDED FOR APPROVAL: _____		DESIGN ENGINEER		DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
DESIGNED: EKG	DRAWN: RJM				PLAT NO. 1		1" = 30'	N/A
CHECKED: MAW	CHECKED: EKG						VERTICAL SCALE	DESIGNATION
							N/A	1900049
							SURVEY BOOK	SHEET
							8	188
							CONTRACT	PROJECT
							R-42452	1900049

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SEC. 5, T.37N., R.3W.  
SPRINGFIELD TOWNSHIP  
LAPORTE COUNTY

US 20 WILDWOOD, LLC

**CURVE DATA**  
P.I. Sta. 91+00.05 'D'  
 $\Delta = 0^\circ 36' 00''$  Rt.  
R = 95492.09'  
T = 500.00'  
L = 999.99'  
E = 1.31'

P.I. Sta. 91+00.05 'D'  
 $\Delta = 0^\circ 36' 00''$  Rt.

Match Line - Sta. 90+00 'D'

Match Line - Sta. 96+00 'D'

Res. 'A'  
KYLE PACE  
244.6' Pipeline Esmt. in favor of Muskegon Pipeline, LLC

Res. 'A'  
THOMAS & CATHY EWEN

Res. 'A'  
EDWARD & LYNN WIEDERHOLD

Res. 'A'  
WILMER SEBERT

SEC. 5, T.37N., R.3W.  
SPRINGFIELD TOWNSHIP  
LAPORTE COUNTY

RECOMMENDED FOR APPROVAL: _____		DESIGN ENGINEER	DATE
DESIGNED: EKG	DRAWN: RJM		
CHECKED: MAW	CHECKED: EKG		

INDIANA  
DEPARTMENT OF TRANSPORTATION

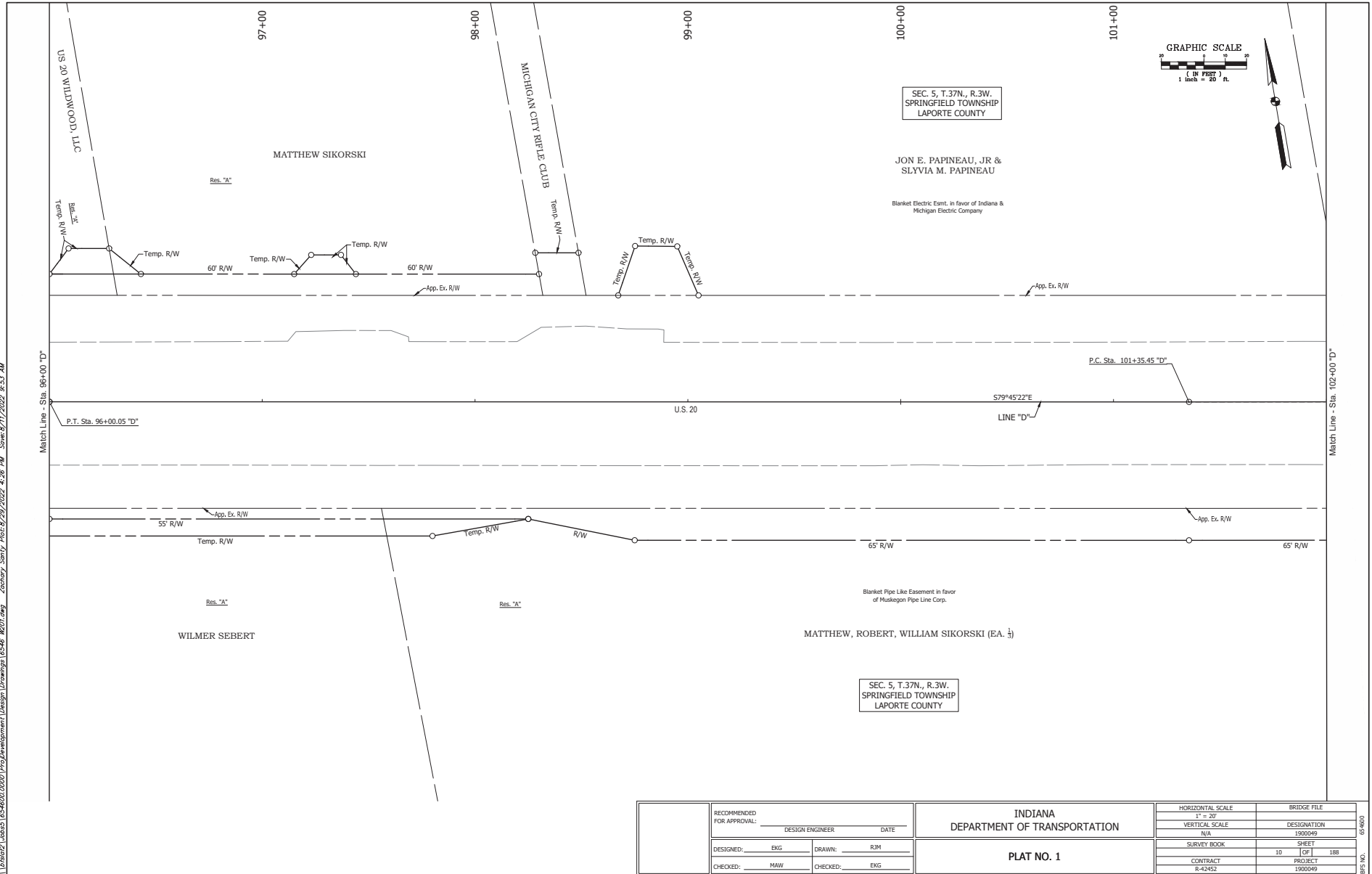
**PLAT NO. 1**

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	DESIGNATION
VERTICAL SCALE	1900049
N/A	SHEET
SURVEY BOOK	9 OF 188
CONTRACT	PROJECT
R-42452	1900049

05-6000

05-6000

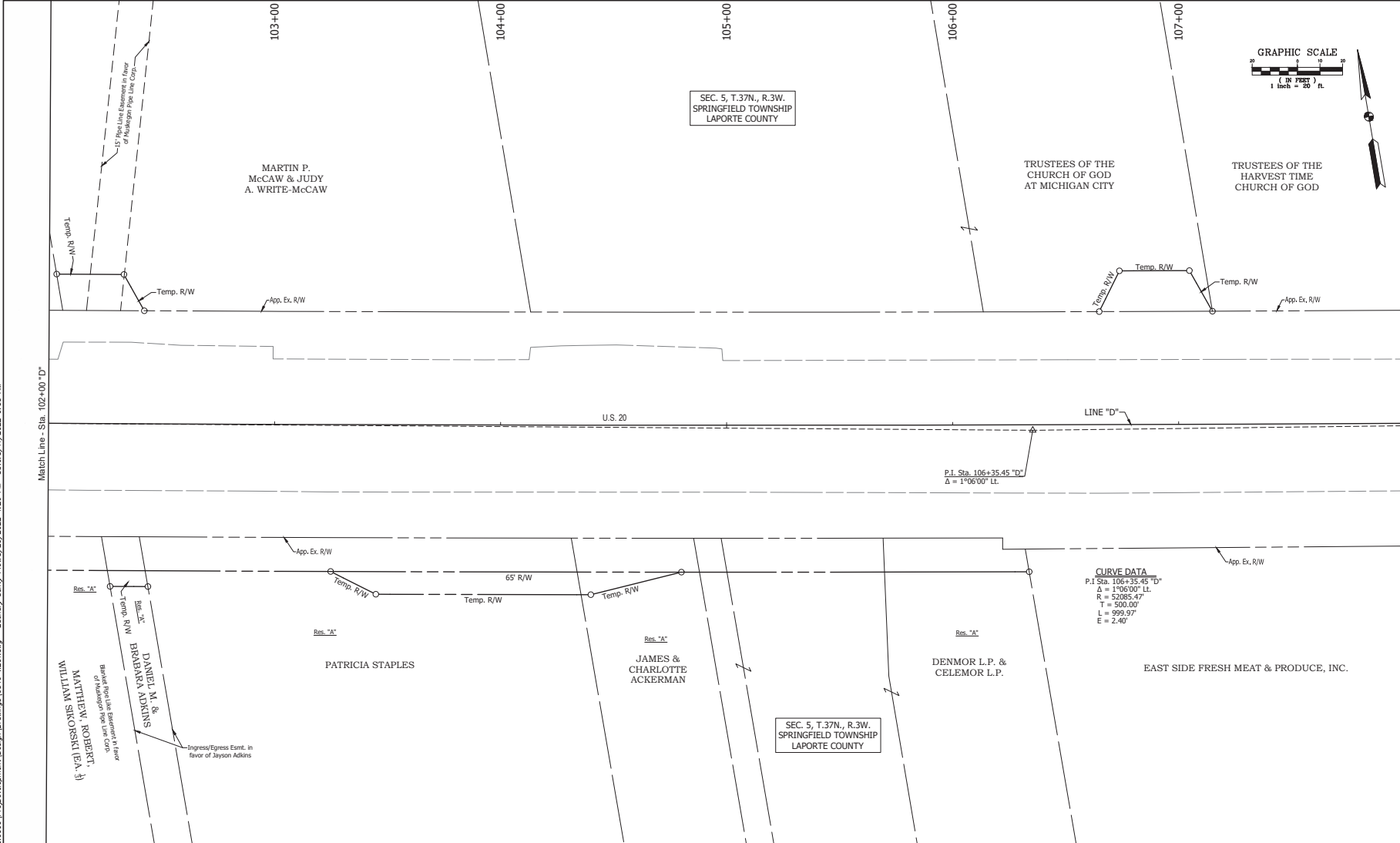
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RECOMMENDED FOR APPROVAL:	DESIGN ENGINEER	DATE	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: EKG	DRAWN: RJM	VERTICAL SCALE	DESIGNATION
CHECKED: MAW	CHECKED: EKG		N/A	1900049
INDIANA DEPARTMENT OF TRANSPORTATION			SURVEY BOOK	SHEET
			CONTRACT R-42452	PROJECT 1900049
PLAT NO. 1			10	188

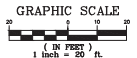
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SEC. 5, T.37N., R.3W.  
SPRINGFIELD TOWNSHIP  
LAPORTE COUNTY

SEC. 5, T.37N., R.3W.  
SPRINGFIELD TOWNSHIP  
LAPORTE COUNTY



RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER	DATE
DESIGNED: EKG	DRAWN: RJM		
CHECKED: MAW	CHECKED: EKG		

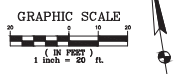
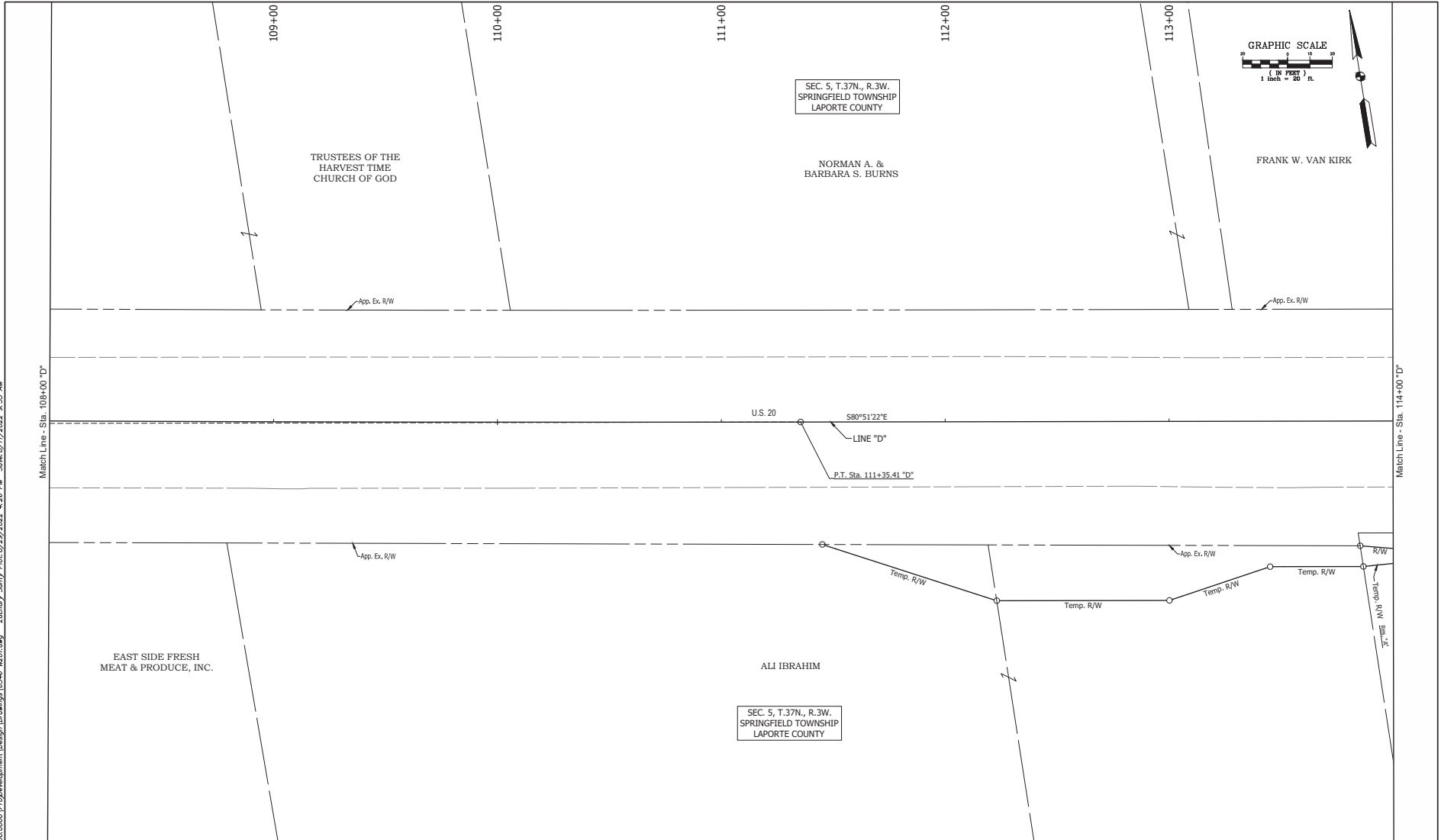
INDIANA  
DEPARTMENT OF TRANSPORTATION

**PLAT NO. 1**

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	1900049
SURVEY BOOK	SHEET
	11 OF 188
CONTRACT	PROJECT
R-42452	1900049

05-6000

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SEC. 5, T.37N., R.3W.  
SPRINGFIELD TOWNSHIP  
LAPORTE COUNTY

NORMAN A. &  
BARBARA S. BURNS

FRANK W. VAN KIRK

TRUSTEES OF THE  
HARVEST TIME  
CHURCH OF GOD

EAST SIDE FRESH  
MEAT & PRODUCE, INC.

ALI IBRAHIM

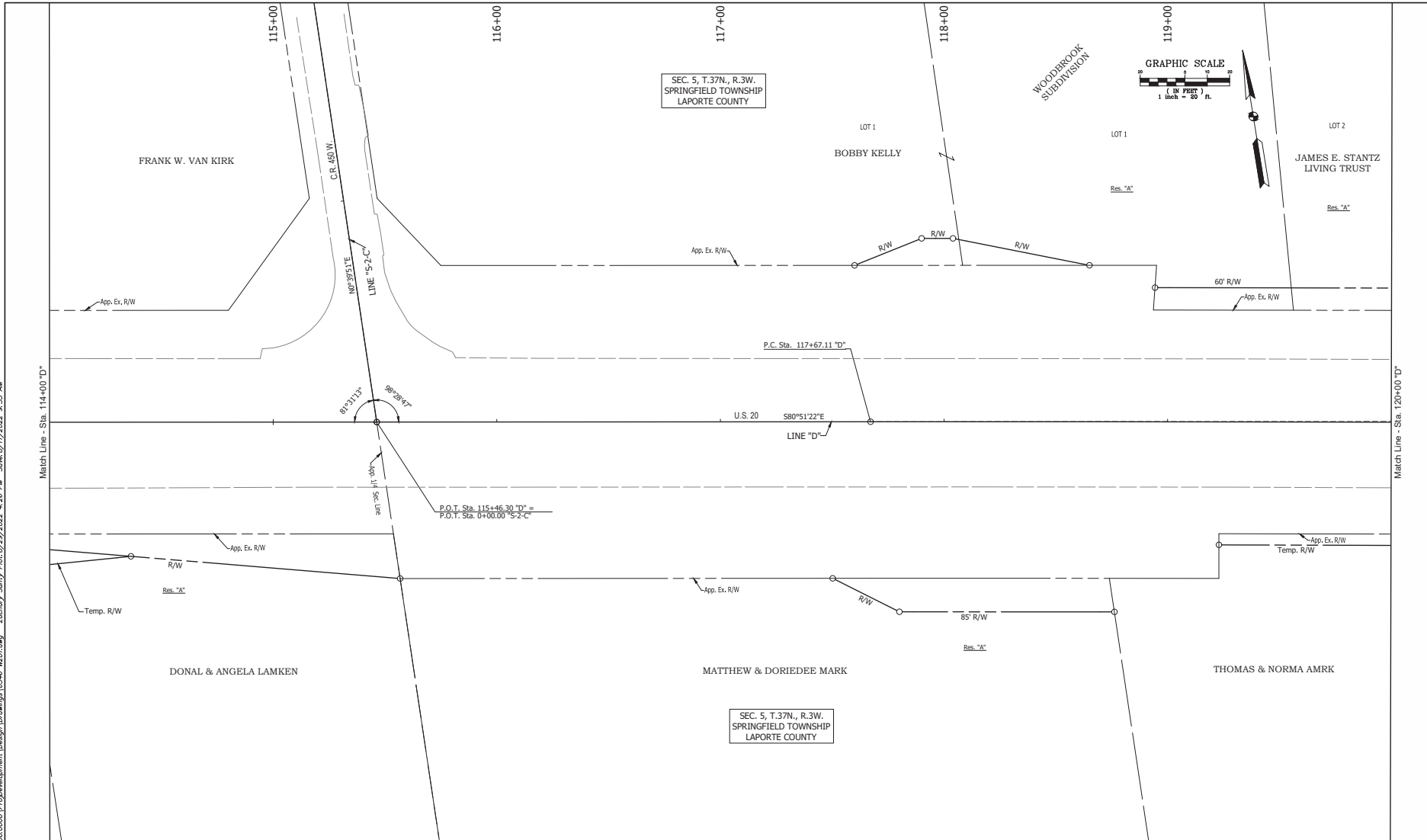
SEC. 5, T.37N., R.3W.  
SPRINGFIELD TOWNSHIP  
LAPORTE COUNTY

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE _____ DESIGNED: EKG DRAWN: RJM CHECKED: MAW CHECKED: EKG	<b>INDIANA</b> <b>DEPARTMENT OF TRANSPORTATION</b>		HORIZONTAL SCALE 1" = 30'	BRIDGE FILE DESIGNATION 1900049
	<b>PLAT NO. 1</b>		SURVEY BOOK 12	SHEET 188
			CONTRACT R-42452	PROJECT 1900049

05-6000

05-6000

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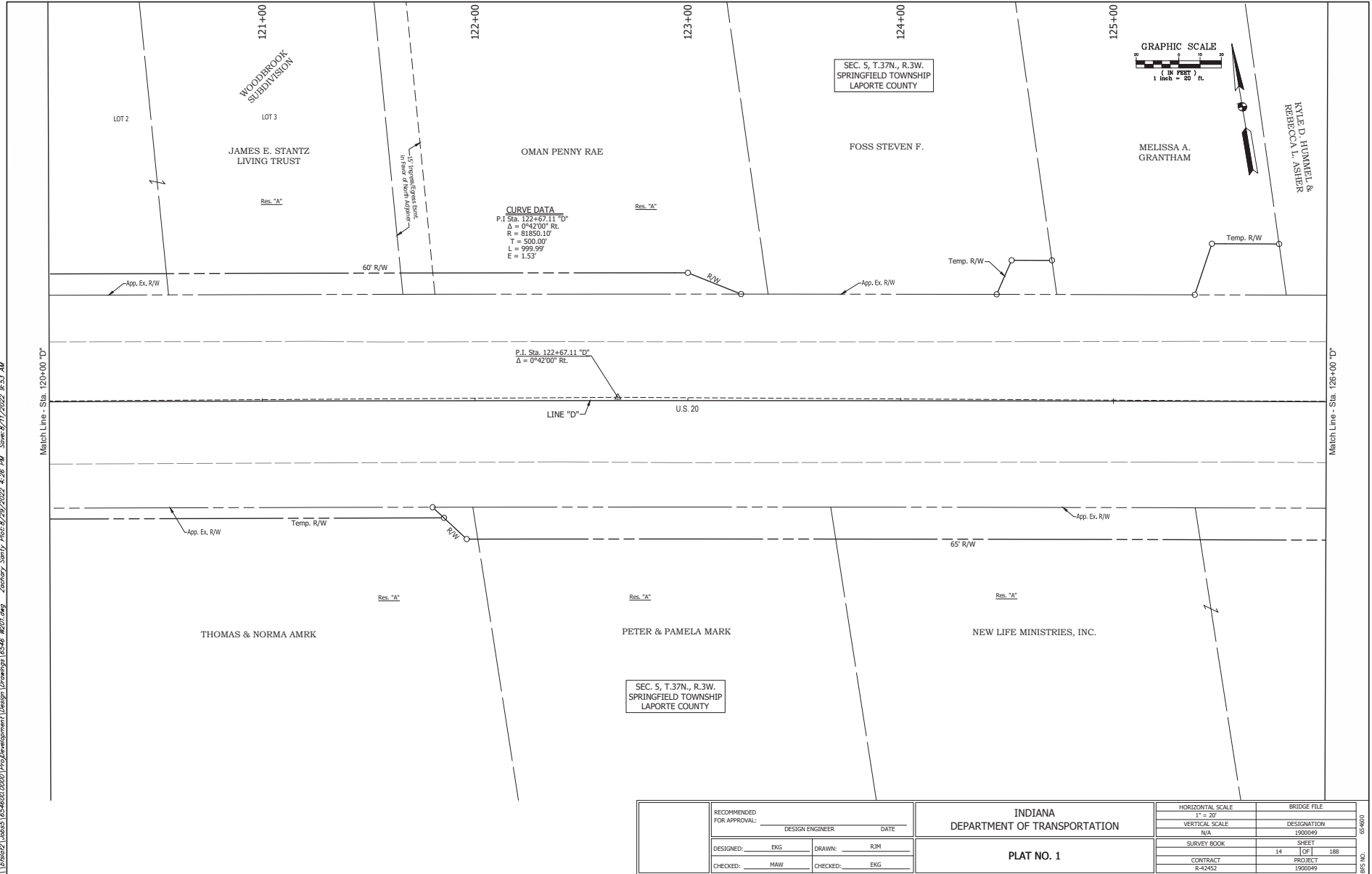


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CHECKED: MAW	CHECKED: EKG	PLAT NO. 1		CONTRACT R-42452		PROJECT 1900049	

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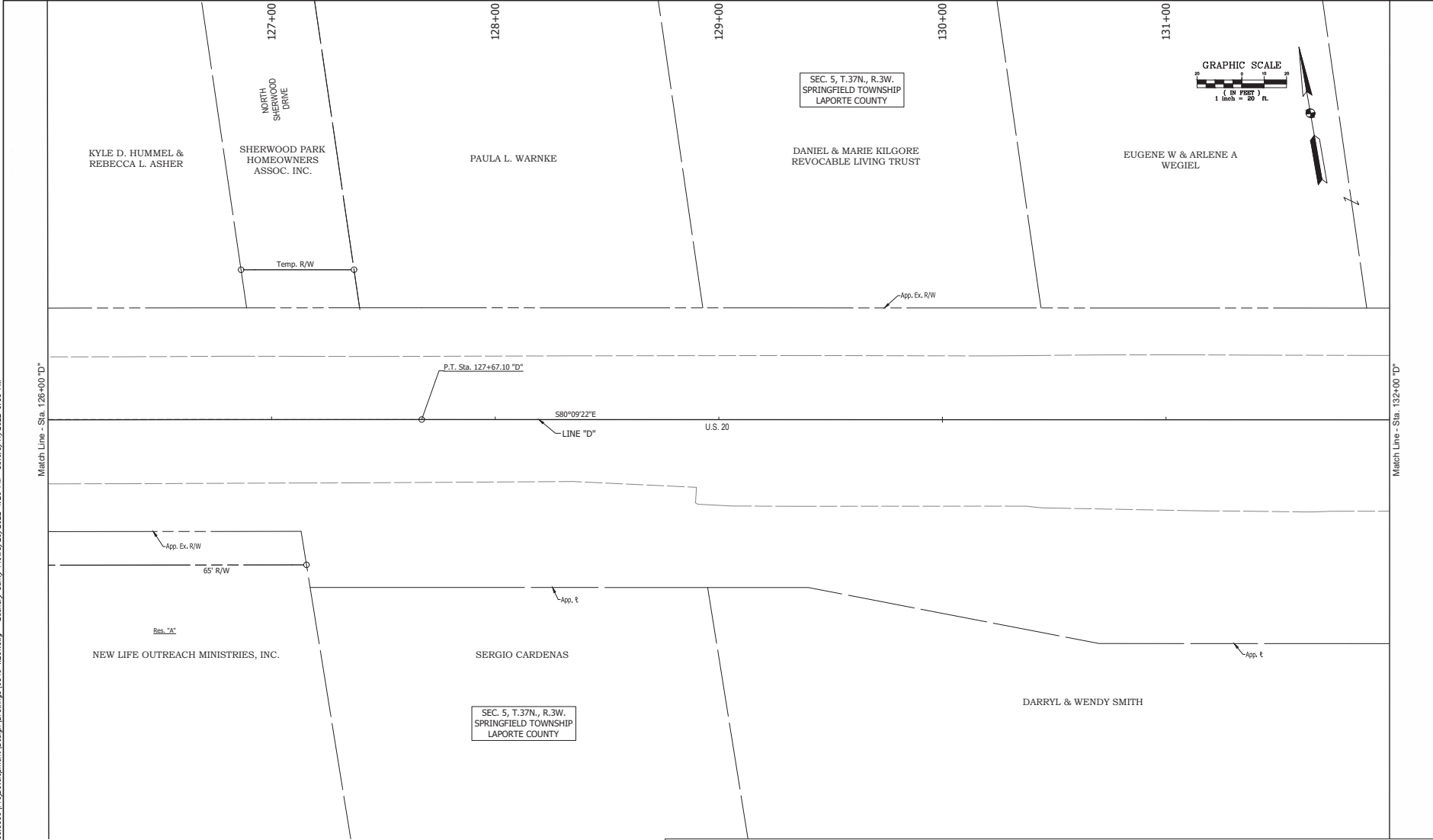


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DESIGNED: EKG		DRAWN: RJM			PLAT NO. 1		1" = 30'		DESIGNATION	
CHECKED: MAW		CHECKED: EKG					N/A		1900049	
							SURVEY BOOK		SHEET	
							14		188	
							CONTRACT		PROJECT	
							R-42452		1900049	

05-6000

05-6000

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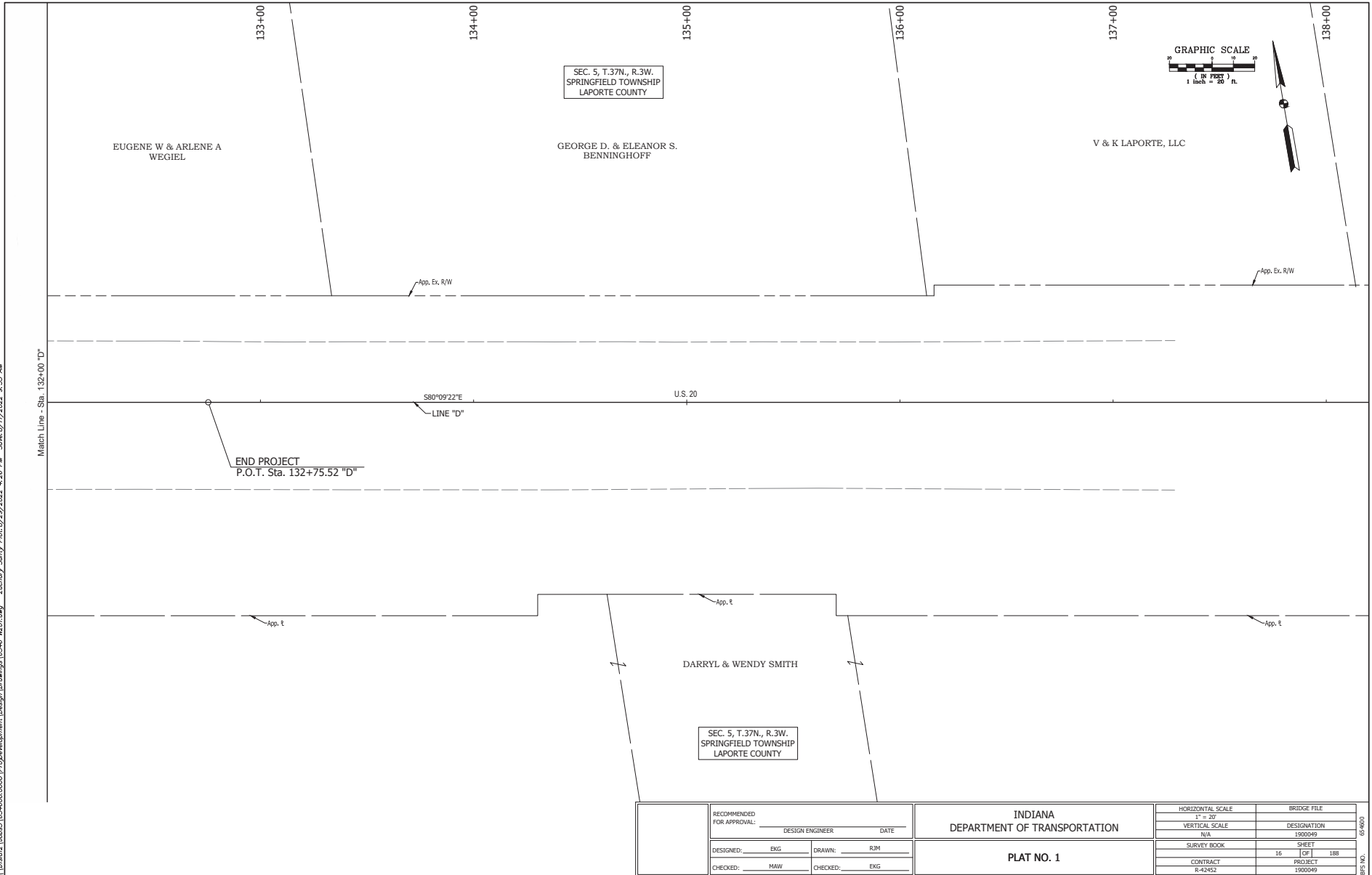


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DESIGNED: EKG	DATE:	PLAT NO. 1		1" = 30'	DESIGNATION		
CHECKED: MAW	CHECKED: EKG			N/A	1900049		
				SURVEY BOOK		SHEET	
				15		188	
				CONTRACT		PROJECT	
				R-42452		1900049	

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BPS NO.



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SEC. 5, T. 37N., R. 3W.  
SPRINGFIELD TOWNSHIP  
LAPORTE COUNTY

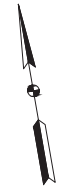
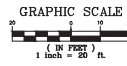
EUGENE W & ARLENE A  
WEGIEL

GEORGE D. & ELEANOR S.  
BENNINGHOFF

V & K LAPORTE, LLC

DARRYL & WENDY SMITH

SEC. 5, T. 37N., R. 3W.  
SPRINGFIELD TOWNSHIP  
LAPORTE COUNTY



Match Line - Sta. 132+00 "D"

END PROJECT  
P.O.T. Sta. 132+75.52 "D"

S80°09'22"E  
LINE "D"

U.S. 20

App. t

App. t

App. t

App. Ex. R/W

App. Ex. R/W

RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER	DATE
DESIGNED: EKG	DRAWN: RJM		
CHECKED: MAW	CHECKED: EKG		

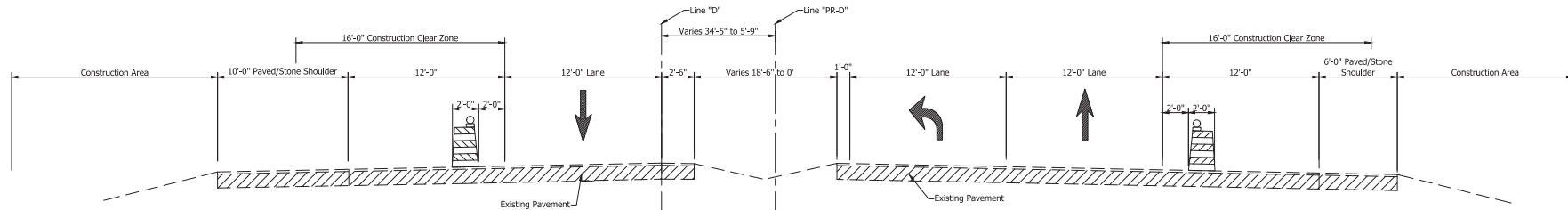
INDIANA DEPARTMENT OF TRANSPORTATION	
<b>PLAT NO. 1</b>	

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	DESIGNATION
VERTICAL SCALE	1900049
N/A	
SURVEY BOOK	SHEET
16	188
CONTRACT	PROJECT
R-42452	1900049

05-6000

05-6000

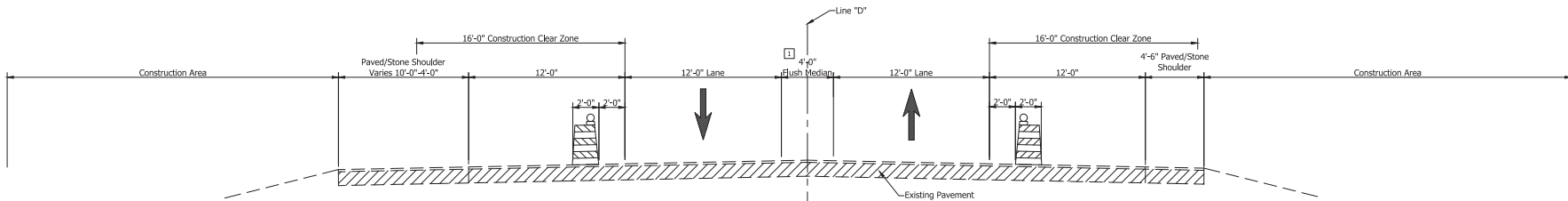
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TYPICAL CROSS SECTION M.O.T. PHASE 1

Scale: 1/4" = 1'-0"

Sta. 72+26.76 "D" to Sta. 77+00.68 "D"

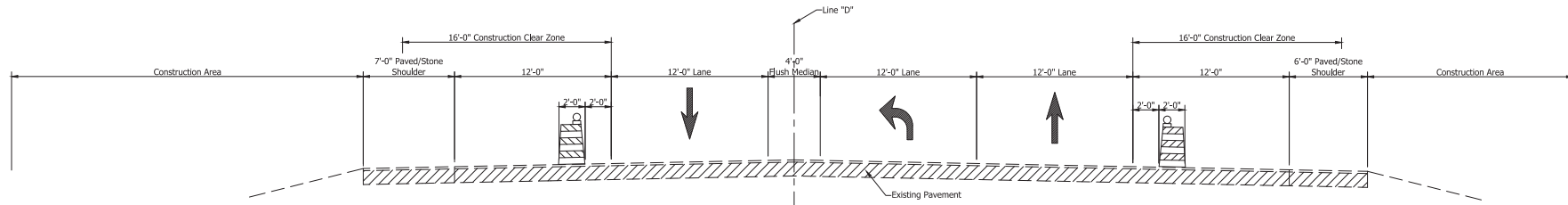


TYPICAL CROSS SECTION M.O.T. PHASE 1

Scale: 1/4" = 1'-0"

Sta. 77+00.68 "D" to Sta. 132+26.82 "D"

□ Varies 9'-6" to 4'-0"  
From Sta. 77+00.68 "D" to Sta. 80+14.50 "D"  
Varies 4'-0" to 15'-0"  
From Sta. 127+6710 "D" to Sta. 132+26.82 "D"



TYPICAL CROSS SECTION M.O.T. PHASE 1

Scale: 1/4" = 1'-0"

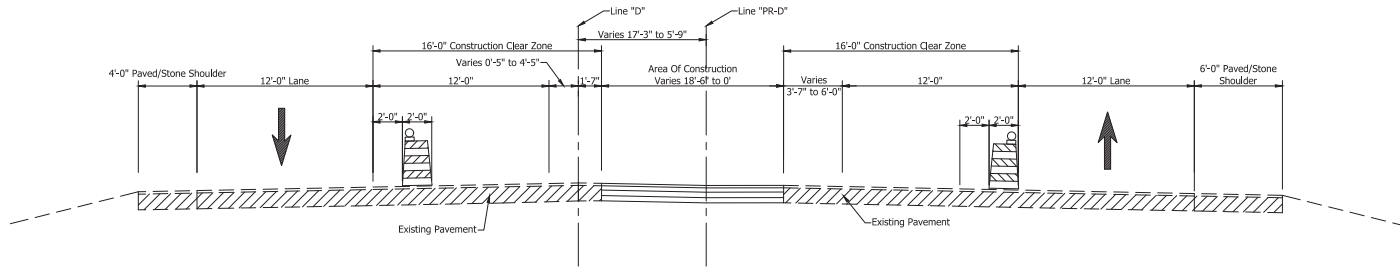
Sta. 132+26.82 "D" to Sta. 141+84.76 "D"

RECOMMENDED FOR APPROVAL: DESIGN ENGINEER: _____ DATE: _____ DESIGNED: JWG DRAWN: DRM CHECKED: JCS CHECKED: JWG	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			As Shown	DESIGNATION
			N/A	1900049
			SURVEY BOOK	SHEET 188
		CONTRACT	PROJECT	
		R-42452	1900049	

05-6000

BPS NO.

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**TYPICAL CROSS SECTION M.O.T. PHASE 2**

Scale: 1/4" = 1'-0"

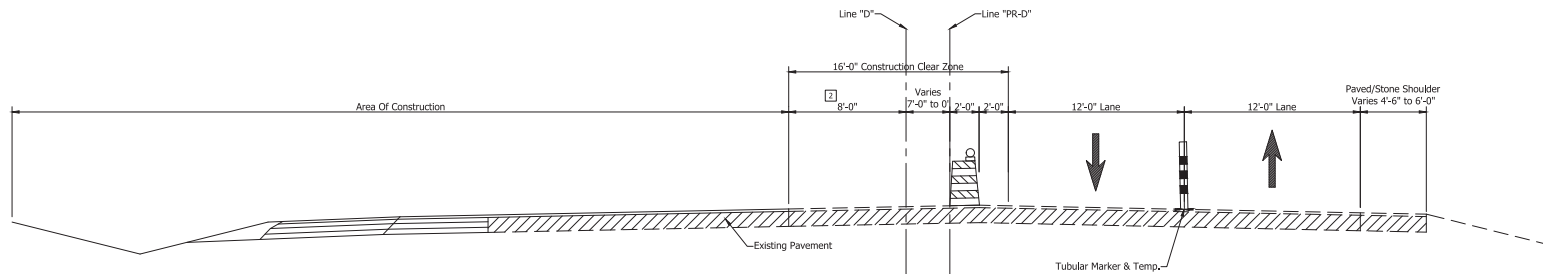
Sta. 74+70.04 "D" to Sta. 77+00.66 "D"

RECOMMENDED FOR APPROVAL:	DESIGN ENGINEER	DATE	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: JWG	DRAWN: DRM	As Shown	DESIGNATION
	CHECKED: JCS	CHECKED: JWG	N/A	1900049
INDIANA DEPARTMENT OF TRANSPORTATION			SURVEY BOOK	SHEET
			18	188
			CONTRACT R-42452	PROJECT 1900049

05-6000

EPS NO.

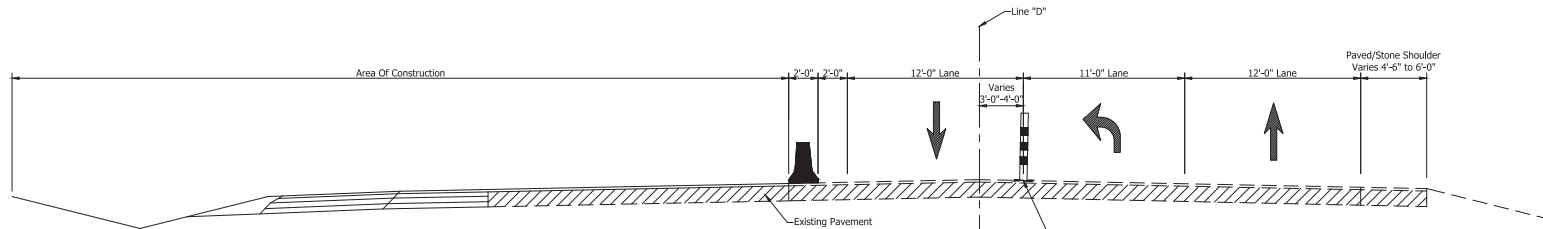
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Varies 4'-0" to 8'-0"  
From Sta. 76+68.06 "D" to Sta. 80+14.50 "D"

**TYPICAL CROSS SECTION M.O.T. PHASE 3**

Scale: 1/4" = 1'-0"  
Sta. 76+68.06 "D" to Sta. 109+11.98 "D"  
Sta. 126+54.12 "D" to Sta. 132+75.52 "D"



**TYPICAL CROSS SECTION M.O.T. PHASE 3**

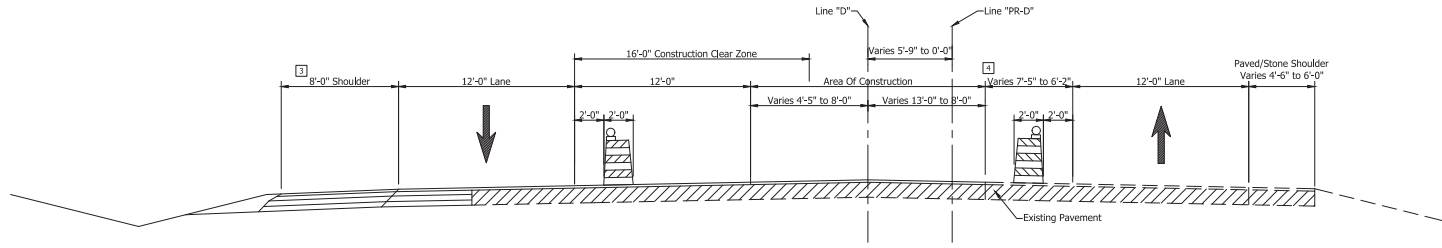
Scale: 1/4" = 1'-0"  
Sta. 109+11.98 "D" to Sta. 126+54.12 "D"

RECOMMENDED FOR APPROVAL: DESIGN ENGINEER _____ DATE _____ DESIGNED: JWG DRAWN: DRM CHECKED: JCS CHECKED: JWG	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>		HORIZONTAL SCALE	BRIDGE FILE
			As Shown	
			VERTICAL SCALE	DESIGNATION
			N/A	1900049
		<b>MAINTENANCE OF TRAFFIC TYPICAL CROSS SECTIONS</b>		SURVEY BOOK
				19
				PROJECT
				1900049

05-6000

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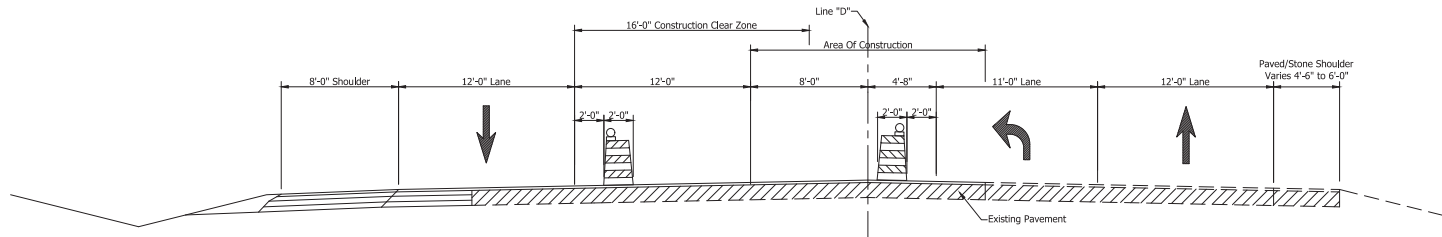


[1] Varies 7'-0" to 8'-0"  
 From Sta. 77+00.68 "D" to Sta. 80+14.50 "D"  
 Varies 8'-0" to 5'-6"  
 From Sta. 127+67.10 "D" to Sta. 132+75.52 "D"

**TYPICAL CROSS SECTION M.O.T. PHASE 4**

Scale: 1/4" = 1'-0"  
 Sta. 77+00.68 "D" to Sta. 112+51.78 "D"  
 Sta. 127+23.40 "D" to Sta. 132+75.52 "D"

[2] Varies 5'-9" to 13'-7"  
 From Sta. 127+23.40 "D" to Sta. 132+75.52 "D"



**TYPICAL CROSS SECTION M.O.T. PHASE 4**

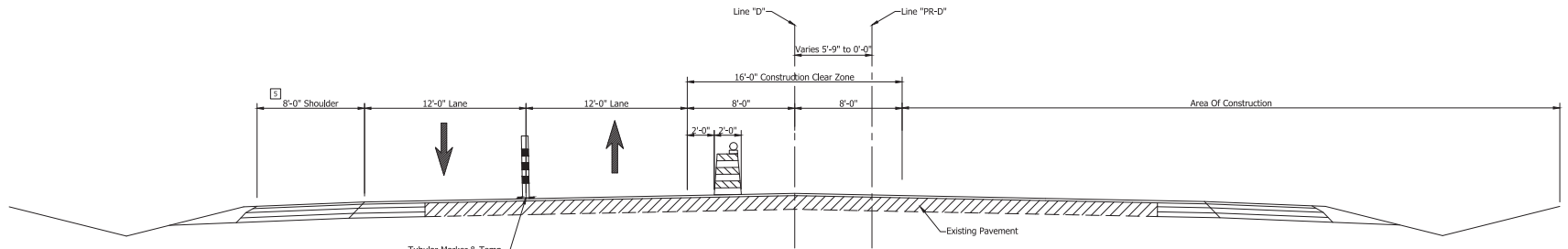
Scale: 1/4" = 1'-0"  
 Sta. 112+51.78 "D" to Sta. 127+23.40 "D"

RECOMMENDED FOR APPROVAL: DESIGN ENGINEER _____ DATE _____ DESIGNED: JWG DRAWN: DRM CHECKED: JCS CHECKED: JWG	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>		HORIZONTAL SCALE	BRIDGE FILE
			As Shown	DESIGNATION
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			SURVEY BOOK	SHEET
		CONTRACT	20	188
		R-42452	PROJECT	1900049

05-6000

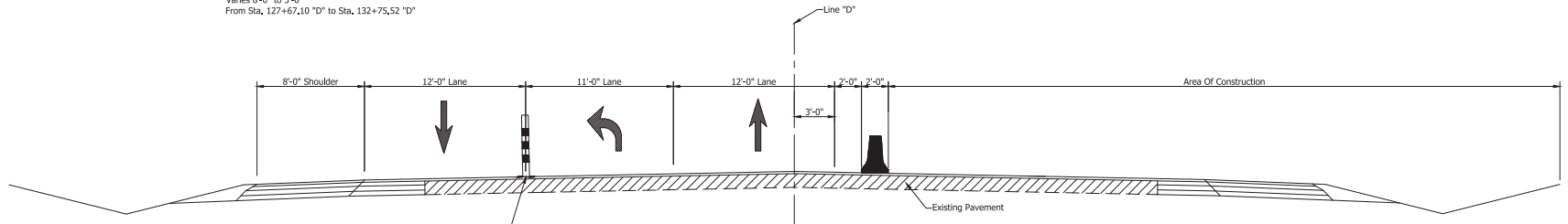
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5 Varies 6'-0" to 7'-0"  
 From Sta. 74+70.04 "D" to Sta. 77+00.68 "D"  
 Varies 7'-0" to 8'-0"  
 From Sta. 77+00.68 "D" to Sta. 80+14.50 "D"  
 Varies 8'-0" to 5'-6"  
 From Sta. 127+67.10 "D" to Sta. 132+75.52 "D"

**TYPICAL CROSS SECTION M.O.T. PHASE 5**  
 Scale: 1/4" = 1'-0"  
 Sta. 76+66.00 "D" to Sta. 109+14.90 "D"  
 Sta. 126+56.02 "D" to Sta. 132+75.52 "D"



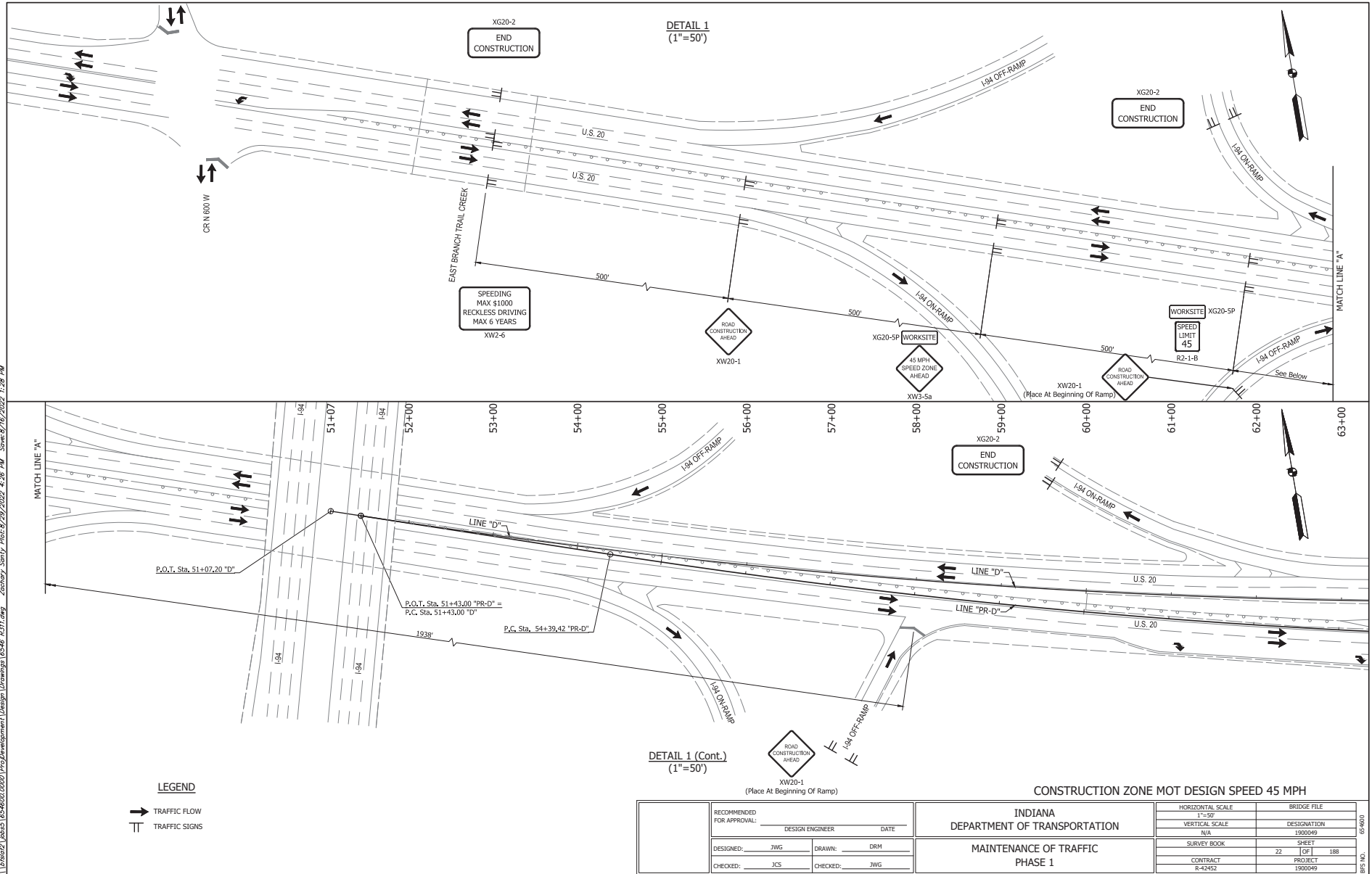
**TYPICAL CROSS SECTION M.O.T. PHASE 5**  
 Scale: 1/4" = 1'-0"  
 Sta. 109+14.90 "D" to Sta. 126+56.02 "D"

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER      DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			As Shown	DESIGNATION
	DESIGNED: JWG	DRAWN: DRM	N/A	1900049
CHECKED: JCS	CHECKED: JWG	MAINTENANCE OF TRAFFIC TYPICAL CROSS SECTIONS		SURVEY BOOK      SHEET 21      188 CONTRACT      PROJECT R-42452      1900049

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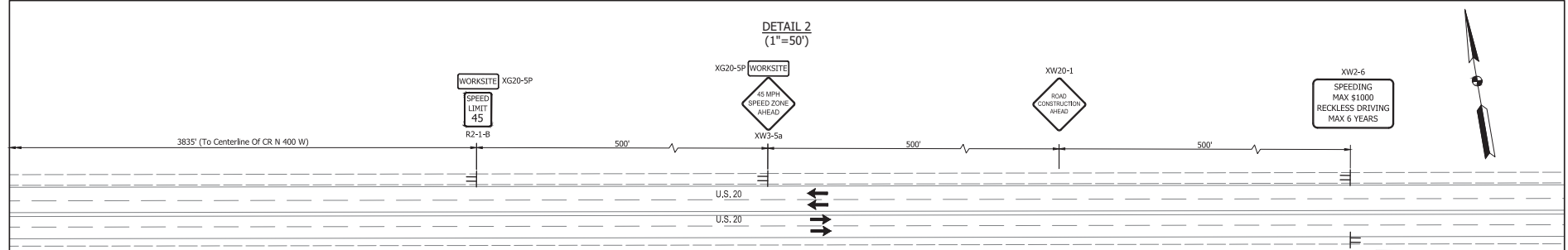
**LEGEND**

- TRAFFIC FLOW
- ⏏ TRAFFIC SIGNS

**CONSTRUCTION ZONE MOT DESIGN SPEED 45 MPH**

RECOMMENDED FOR APPROVAL: DESIGN ENGINEER: _____ DATE: _____ DESIGNED: JWG DRAWN: DRM CHECKED: JCS CHECKED: JWG	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>  <b>MAINTENANCE OF TRAFFIC PHASE 1</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: small;">HORIZONTAL SCALE</td> <td style="font-size: small;">BRIDGE FILE</td> </tr> <tr> <td style="font-size: small;">1"=50'</td> <td style="font-size: small;">DESIGNATION</td> </tr> <tr> <td style="font-size: small;">N/A</td> <td style="font-size: small;">1900049</td> </tr> <tr> <td style="font-size: small;">SURVEY BOOK</td> <td style="font-size: small;">SHEET</td> </tr> <tr> <td style="font-size: small;">22</td> <td style="font-size: small;">1 OF 1 188</td> </tr> <tr> <td style="font-size: small;">CONTRACT</td> <td style="font-size: small;">PROJECT</td> </tr> <tr> <td style="font-size: small;">R-42452</td> <td style="font-size: small;">1900049</td> </tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	1"=50'	DESIGNATION	N/A	1900049	SURVEY BOOK	SHEET	22	1 OF 1 188	CONTRACT	PROJECT	R-42452	1900049
HORIZONTAL SCALE	BRIDGE FILE															
1"=50'	DESIGNATION															
N/A	1900049															
SURVEY BOOK	SHEET															
22	1 OF 1 188															
CONTRACT	PROJECT															
R-42452	1900049															

05-6000



Portable Changeable Message Signs

The PCMS will be installed and operational a minimum of seven days and a maximum of fourteen days prior to the start of work. The proposed PCMS message sequence to be used is given below:

Location A: East of CR 600 W intersection, for the eastbound motorists  
Location B: 500-ft east of CR 300 W intersection, for the westbound motorists

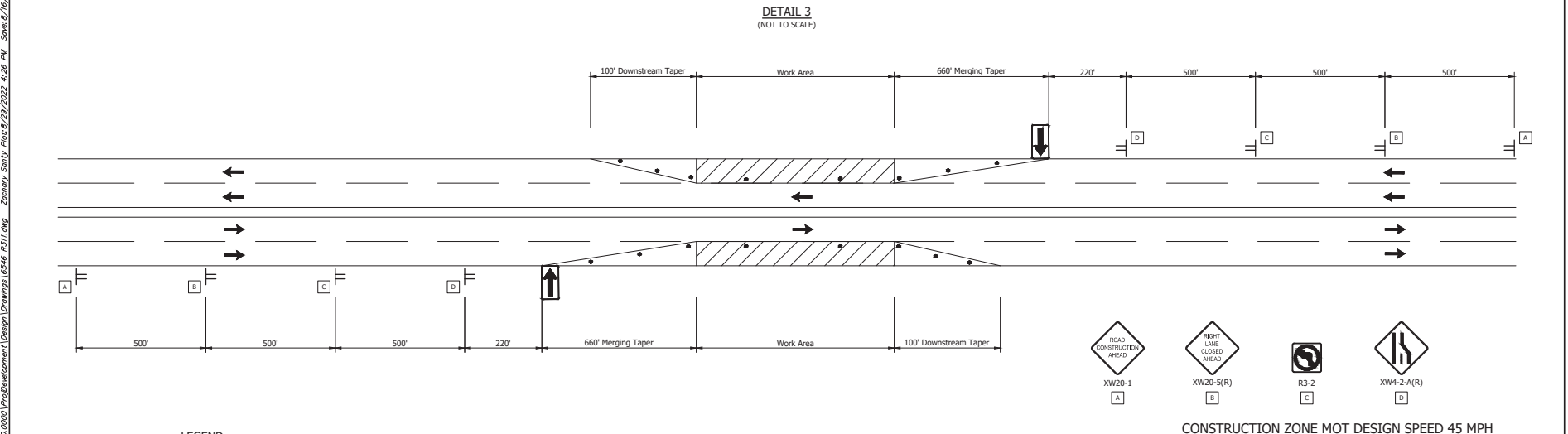
ADVANCE NOTICE FOR ROAD WORK		NOTICE FOR ROAD WORK	
US 20 EXPECT DELAYS	ON OR AFTER MON ##	RD WORK NEXT 3 MILES	WORKZONE SLOW TO 45 MPH
SEQUENCE 1	SEQUENCE 2	SEQUENCE 1	SEQUENCE 2

Sequence of Operations

- Phase 1 - Clear R/W for utility relocations along US 20 and install trenchless pipes.
- Place maintenance of traffic devices and signage to maintain one lane of traffic in each direction of travel on the existing inside lanes of US 20 during working hours.
  - Remove and salvage existing speed limit signs within construction limits. Place worksite and construction speed limit signs at the location of the existing speed limit signs.
  - Construct and maintain erosion control measures for Erosion Control Phase 1 activities.
  - Perform clearing Right-of-Way for utility relocations and proposed roadway improvements on the north and south sides of US 20.
  - Maintain ingress and egress to all properties at all times.

General Notes:

- Distances shown are typical except minimum distances may be varied based on field conditions at the authorization of the engineer.
- The spacing of channelizing devices shall be 50 ft.
- The spacing of channelizing devices on tapers shall be every 45 ft.
- The Arrow Board shall be placed at a distance of L/3 from the beginning of the taper, where L is the merge taper length.
- For temporary lane closures during daylight hours tubular markers may be used in lieu of drums.
- Temporary pavement markings shall not be required for temporary daylight lane closures.



LEGEND

- TRAFFIC FLOW
- CHANNELIZING DEVICE
- TRAFFIC SIGNS
- ARROW BOARD

NOTE:

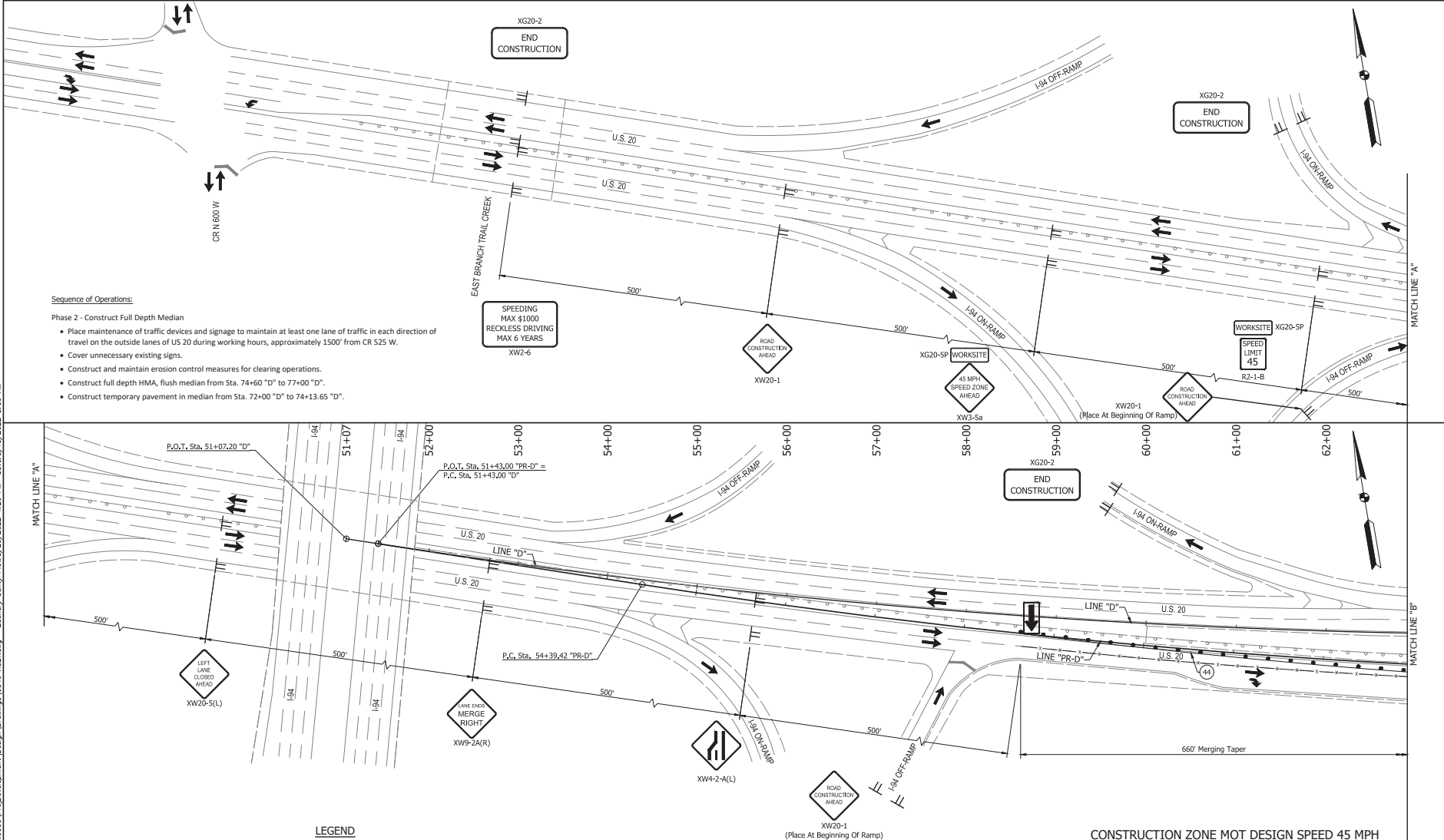
- Detail 3 Includes The Sign Requirements For The Area Of Construction. The Contractor Shall Provide The Engineer With The Length And Locations Of The Areas Of Construction For Maintenance Of Traffic Phase 1 Prior To Placing Signs For This Phase.

RECOMMENDED FOR APPROVAL: DESIGN ENGINEER: _____ DATE: _____	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
DESIGNED: JWG DRAWN: DRM		VERTICAL SCALE N/A	DESIGNATION I900049
CHECKED: JCS CHECKED: JWG		MAINTENANCE OF TRAFFIC PHASE 1	
			SHEET 23 OF 188
			PROJECT 1900049

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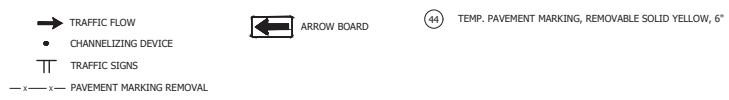
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**Sequence of Operations:**

**Phase 2 - Construct Full Depth Median**

- Place maintenance of traffic devices and signage to maintain at least one lane of traffic in each direction of travel on the outside lanes of US 20 during working hours, approximately 1500' from CR 525 W.
- Cover unnecessary existing signs.
- Construct and maintain erosion control measures for clearing operations.
- Construct full depth HMA, flush median from Sta. 74+60 "D" to 77+00 "D".
- Construct temporary pavement in median from Sta. 72+00 "D" to 74+13.65 "D".



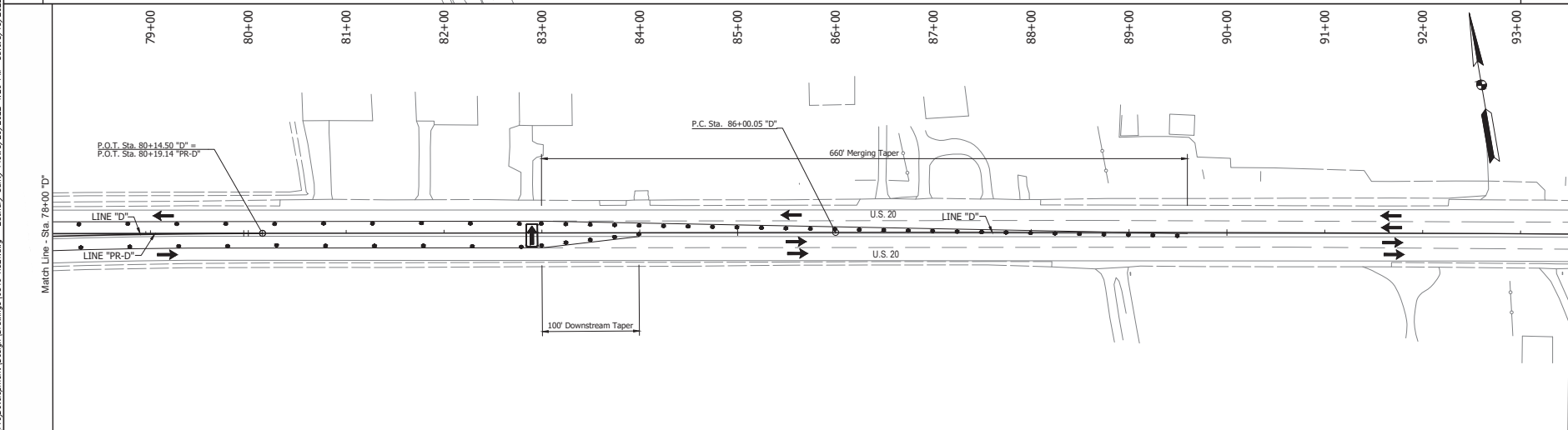
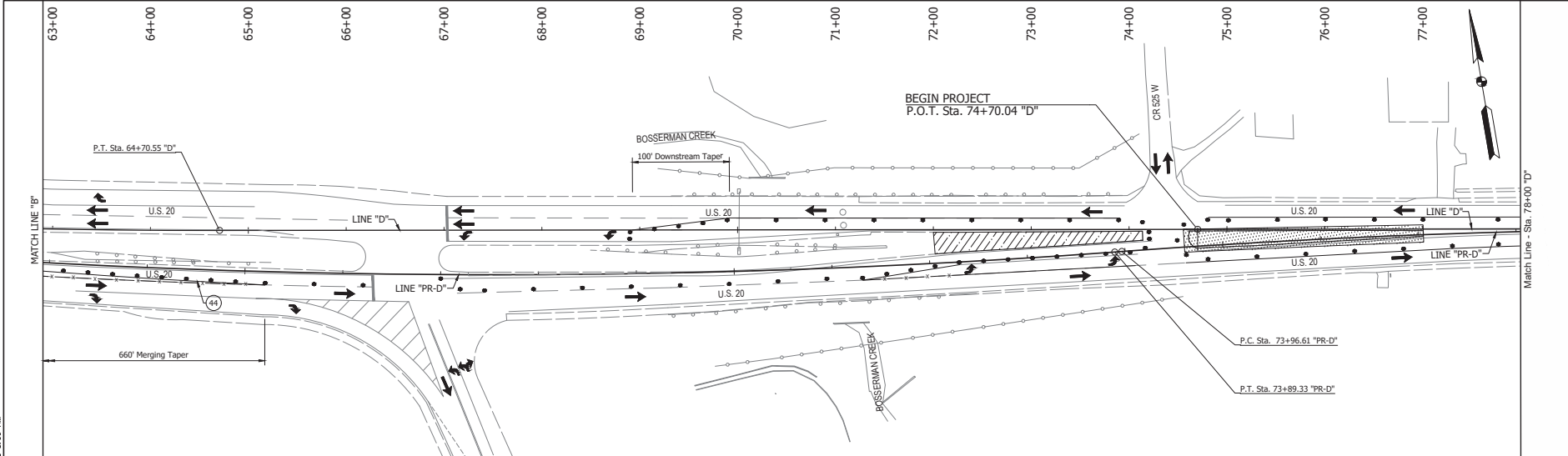
RECOMMENDED FOR APPROVAL:		DATE
DESIGNED: JWG	DRAWN: DRM	
CHECKED: JCS	CHECKED: JWG	

**INDIANA**  
 DEPARTMENT OF TRANSPORTATION  
 MAINTENANCE OF TRAFFIC  
 PHASE 2

HORIZONTAL SCALE	BRIDGE FILE
1"=50'	DESIGNATION
VERTICAL SCALE	1900049
N/A	
SURVEY BOOK	SHEET
24	188
CONTRACT	PROJECT
R-42452	1900049

CONSTRUCTION ZONE MOT DESIGN SPEED 45 MPH

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**LEGEND**

- AREA OF CONSTRUCTION
- TEMPORARY PAVEMENT
- TRAFFIC FLOW
- TEMP. PAVEMENT MARKING, REMOVABLE SOLID YELLOW, 6"
- PAVEMENT MARKING REMOVAL
- ARROW BOARD
- TEMP. PAVEMENT MARKING, REMOVABLE SOLID YELLOW, 6"

**CONSTRUCTION ZONE MOT DESIGN SPEED 45 MPH**

RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER	DATE
DESIGNED: JWG	DRAWN: DRM		
CHECKED: JCS	CHECKED: JWG		

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

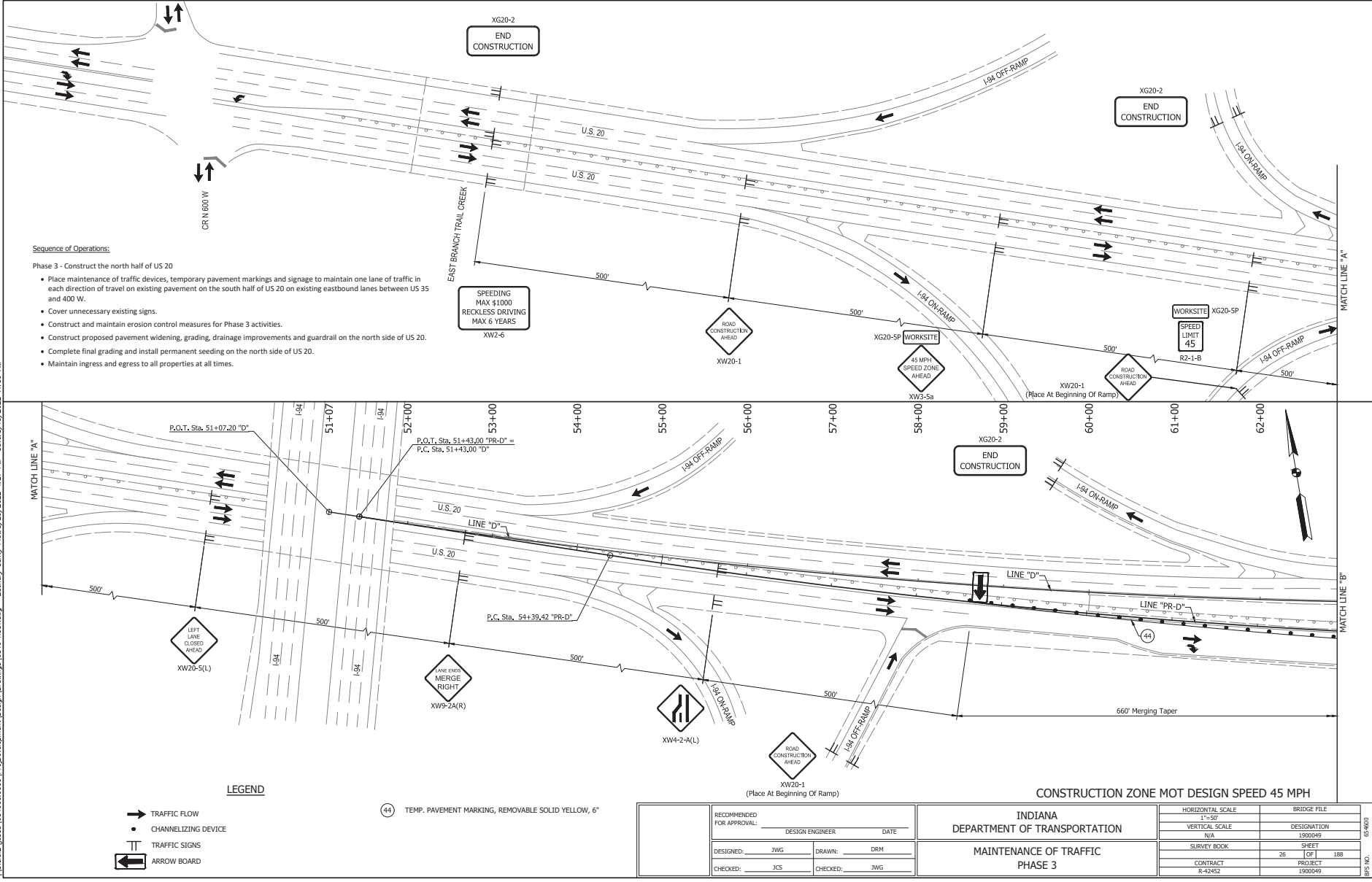
**MAINTENANCE OF TRAFFIC  
PHASE 2**

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION
N/A	1900049
SURVEY BOOK	SHEET
25	188
CONTRACT	PROJECT
R-42452	1900049

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BPS NO.

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**Sequence of Operations:**

- Phase 3 - Construct the north half of US 20
- Place maintenance of traffic devices, temporary pavement markings and signage to maintain one lane of traffic in each direction of travel on existing pavement on the south half of US 20 on existing eastbound lanes between US 35 and 400 W.
  - Cover unnecessary existing signs.
  - Construct and maintain erosion control measures for Phase 3 activities.
  - Construct proposed pavement widening, grading, drainage improvements and guardrail on the north side of US 20.
  - Complete final grading and install permanent seeding on the north side of US 20.
  - Maintain ingress and egress to all properties at all times.

**LEGEND**

- TRAFFIC FLOW
- CHANNELIZING DEVICE
- TRAFFIC SIGNS
- ARROW BOARD

**LEGEND**

- TEMP. PAVEMENT MARKING, REMOVABLE SOLID YELLOW, 6"

RECOMMENDED FOR APPROVAL:		DATE
DESIGNED: JWG	DRAWN: DRM	
CHECKED: JCS	CHECKED: JWG	

**INDIANA**  
DEPARTMENT OF TRANSPORTATION

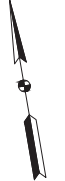
**MAINTENANCE OF TRAFFIC**  
**PHASE 3**

HORIZONTAL SCALE	BRIDGE FILE
1"=50'	DESIGNATION
VERTICAL SCALE	1900049
N/A	
SURVEY BOOK	SHEET
26	188
CONTRACT	PROJECT
R-42452	1900049

MATCH LINE "A"

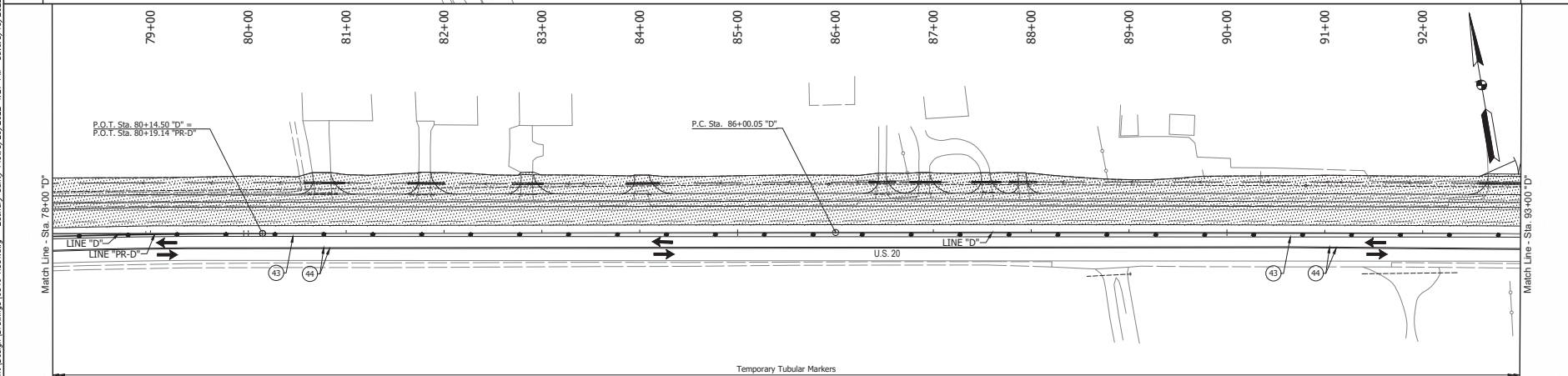
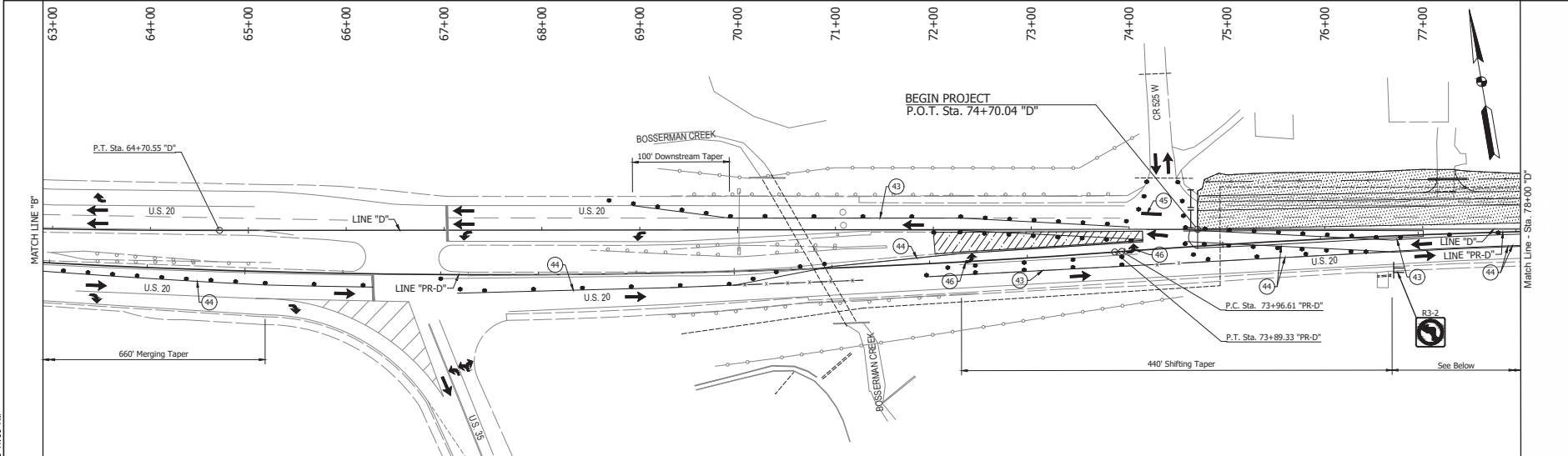
MATCH LINE "A"

MATCH LINE "B"



CONSTRUCTION ZONE MOT DESIGN SPEED 45 MPH

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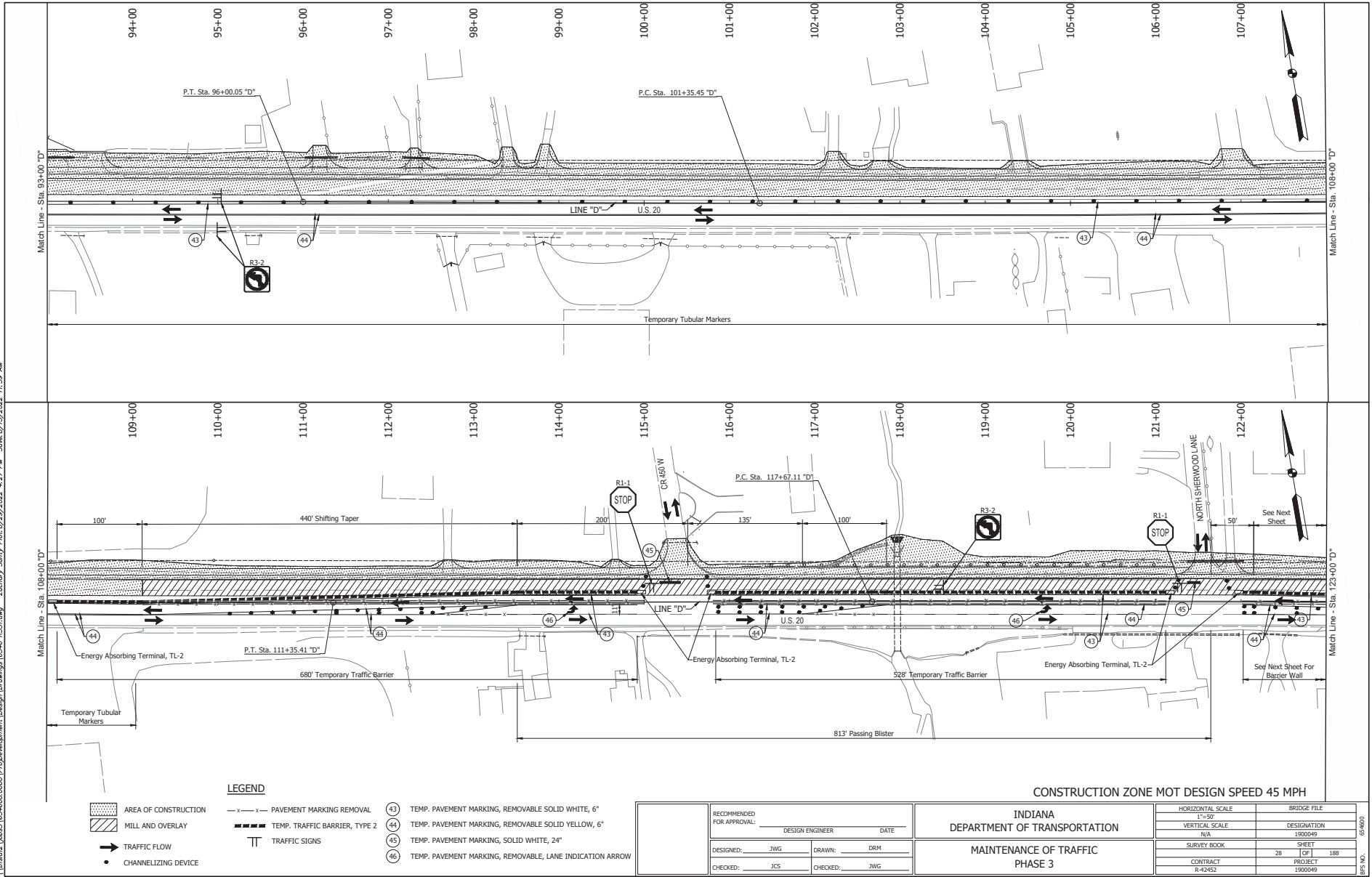


- LEGEND**
- AREA OF CONSTRUCTION
  - TEMPORARY PAVEMENT
  - TRAFFIC FLOW
  - CHANNELIZING DEVICE
  - TYPE III-B BARRICADE
  - TRAFFIC SIGNS
  - TEMP. PAVEMENT MARKING, REMOVABLE SOLID WHITE, 6"
  - TEMP. PAVEMENT MARKING, REMOVABLE SOLID YELLOW, 6"
  - TEMP. PAVEMENT MARKING, SOLID WHITE, 24"
  - TEMP. PAVEMENT MARKING, REMOVABLE, LANE INDICATION ARROW

CONSTRUCTION ZONE MOT DESIGN SPEED 45 MPH

RECOMMENDED FOR APPROVAL: DESIGN ENGINEER: _____ DATE: _____		HORIZONTAL SCALE 1"=50'		BRIDGE FILE DESIGNATION 1900049	
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CHECKED: JCS		CHECKED: JWG		SHEET 188	
MAINTENANCE OF TRAFFIC PHASE 3		INDIANA DEPARTMENT OF TRANSPORTATION		PROJECT 1900049	
				CONTRACT R-42452	

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- LEGEND**
- AREA OF CONSTRUCTION
  - MILL AND OVERLAY
  - TRAFFIC FLOW
  - CHANNELIZING DEVICE
  - PAVEMENT MARKING REMOVAL
  - TEMP. TRAFFIC BARRIER, TYPE 2
  - TRAFFIC SIGNS
  - TEMP. PAVEMENT MARKING, REMOVABLE SOLID WHITE, 6"
  - TEMP. PAVEMENT MARKING, REMOVABLE SOLID YELLOW, 6"
  - TEMP. PAVEMENT MARKING, SOLID WHITE, 24"
  - TEMP. PAVEMENT MARKING, REMOVABLE, LANE INDICATION ARROW

**CONSTRUCTION ZONE MOT DESIGN SPEED 45 MPH**

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CHECKED:	JCS	CHECKED:	JWG

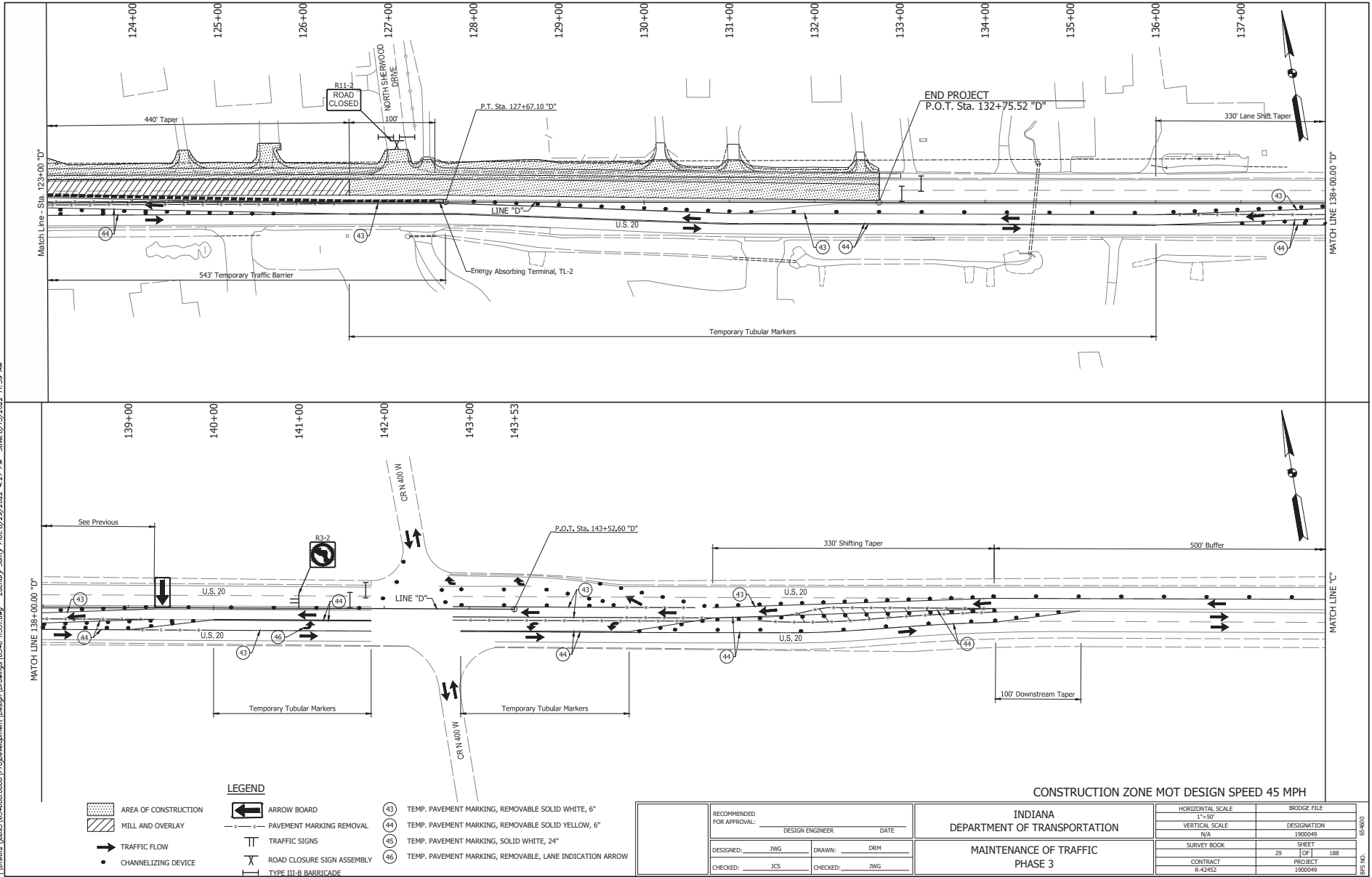
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MAINTENANCE OF TRAFFIC PHASE 3

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VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	SHEET
	28 OF 188
CONTRACT	PROJECT
R-42452	1900049

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- LEGEND**
- AREA OF CONSTRUCTION
  - MILL AND OVERLAY
  - TRAFFIC FLOW
  - CHANNELIZING DEVICE
  - ARROW BOARD
  - PAVEMENT MARKING REMOVAL
  - TRAFFIC SIGNS
  - ROAD CLOSURE SIGN ASSEMBLY
  - TYPE III-B BARRICADE
  - 43 TEMP. PAVEMENT MARKING, REMOVABLE SOLID WHITE, 6"
  - 44 TEMP. PAVEMENT MARKING, REMOVABLE SOLID YELLOW, 6"
  - 45 TEMP. PAVEMENT MARKING, SOLID WHITE, 24"
  - 46 TEMP. PAVEMENT MARKING, REMOVABLE, LANE INDICATION ARROW

**CONSTRUCTION ZONE MOT DESIGN SPEED 45 MPH**

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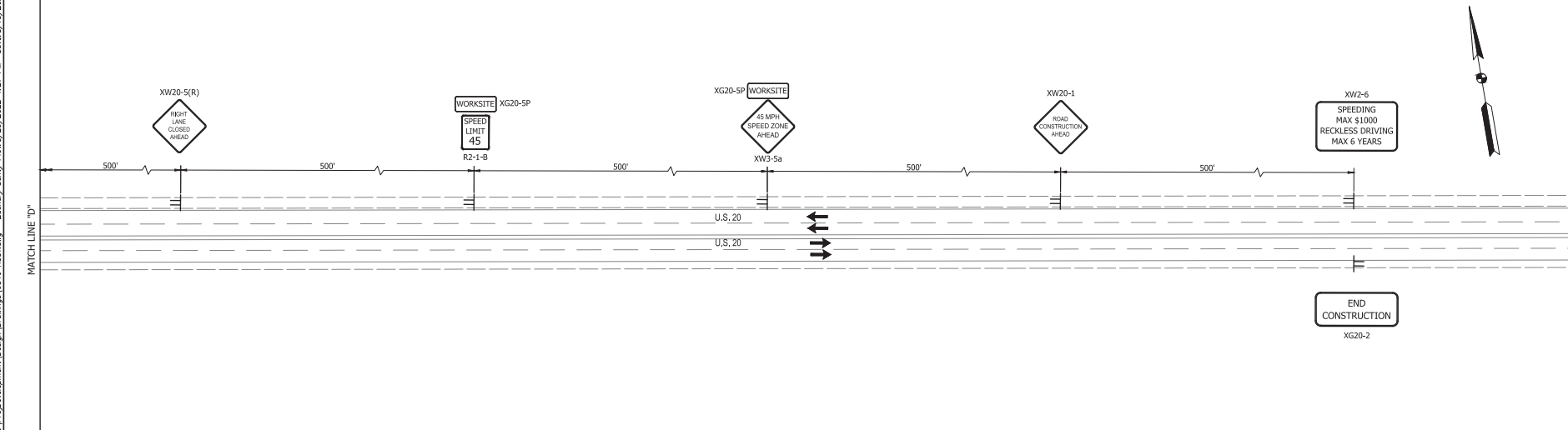
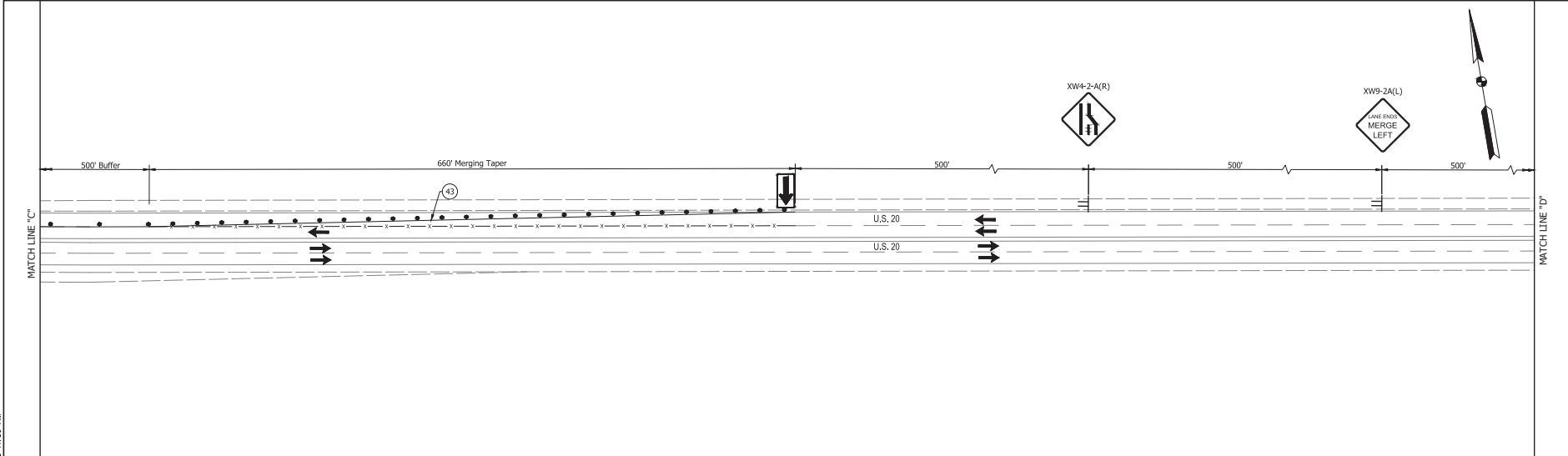
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MAINTENANCE OF TRAFFIC PHASE 3	

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VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	SHEET
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- LEGEND**
- AREA OF CONSTRUCTION
  - TRAFFIC FLOW
  - CHANNELIZING DEVICE
  - PAVEMENT MARKING REMOVAL
  - ARROW BOARD
  - TRAFFIC SIGNS

45 TEMP. PAVEMENT MARKING, REMOVABLE SOLID WHITE, 6"

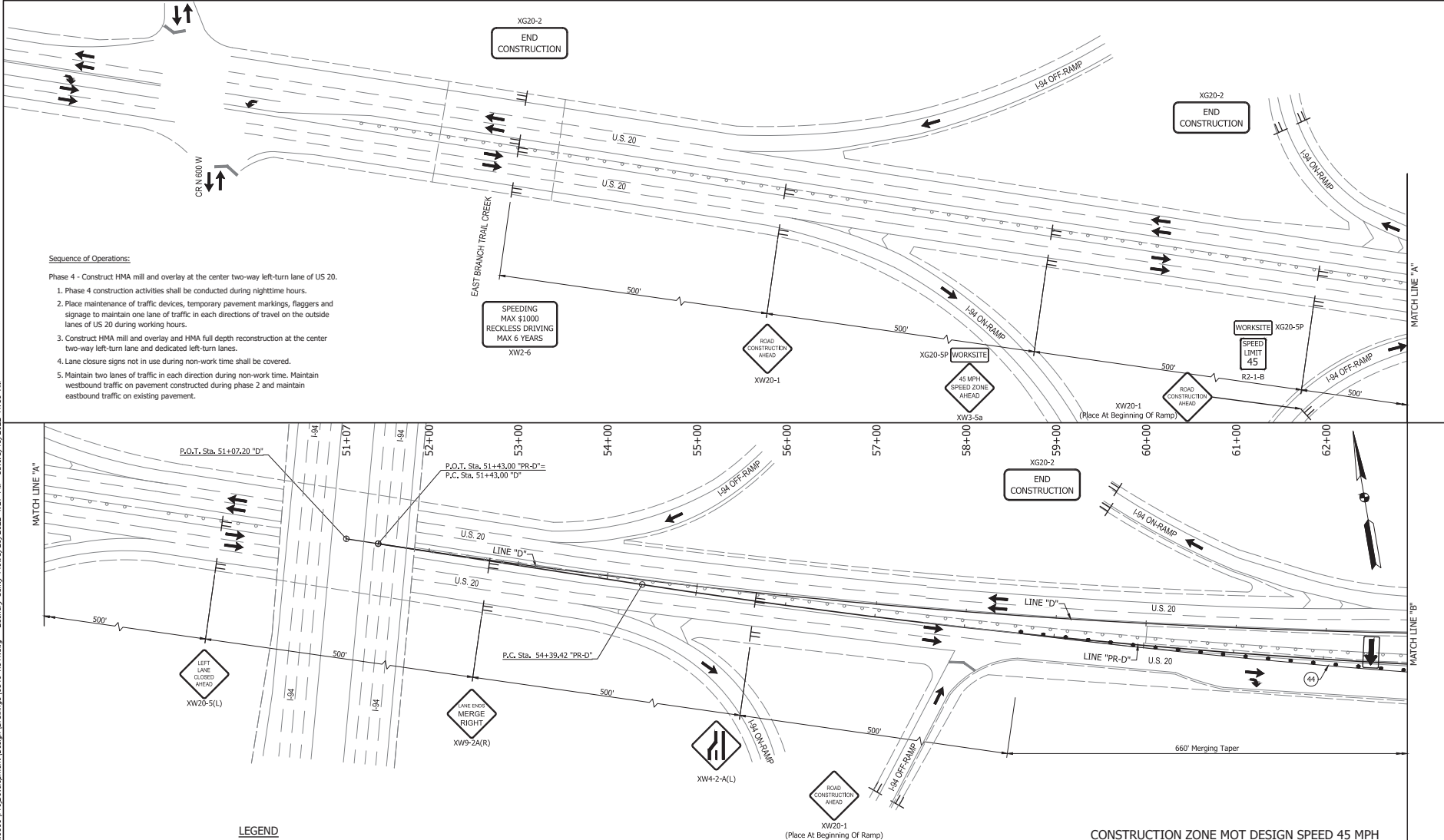
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MAINTENANCE OF TRAFFIC PHASE 3				
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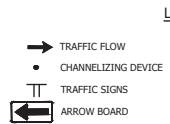
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**Sequence of Operations:**

Phase 4 - Construct HMA mill and overlay at the center two-way left-turn lane of US 20.

- Phase 4 construction activities shall be conducted during nighttime hours.
- Place maintenance of traffic devices, temporary pavement markings, flaggers and signage to maintain one lane of traffic in each directions of travel on the outside lanes of US 20 during working hours.
- Construct HMA mill and overlay and HMA full depth reconstruction at the center two-way left-turn lane and dedicated left-turn lanes.
- Lane closure signs not in use during non-work time shall be covered.
- Maintain two lanes of traffic in each direction during non-work time. Maintain westbound traffic on pavement constructed during phase 2 and maintain eastbound traffic on existing pavement.



44 TEMP. PAVEMENT MARKING, REMOVABLE SOLID YELLOW, 6"

CONSTRUCTION ZONE MOT DESIGN SPEED 45 MPH

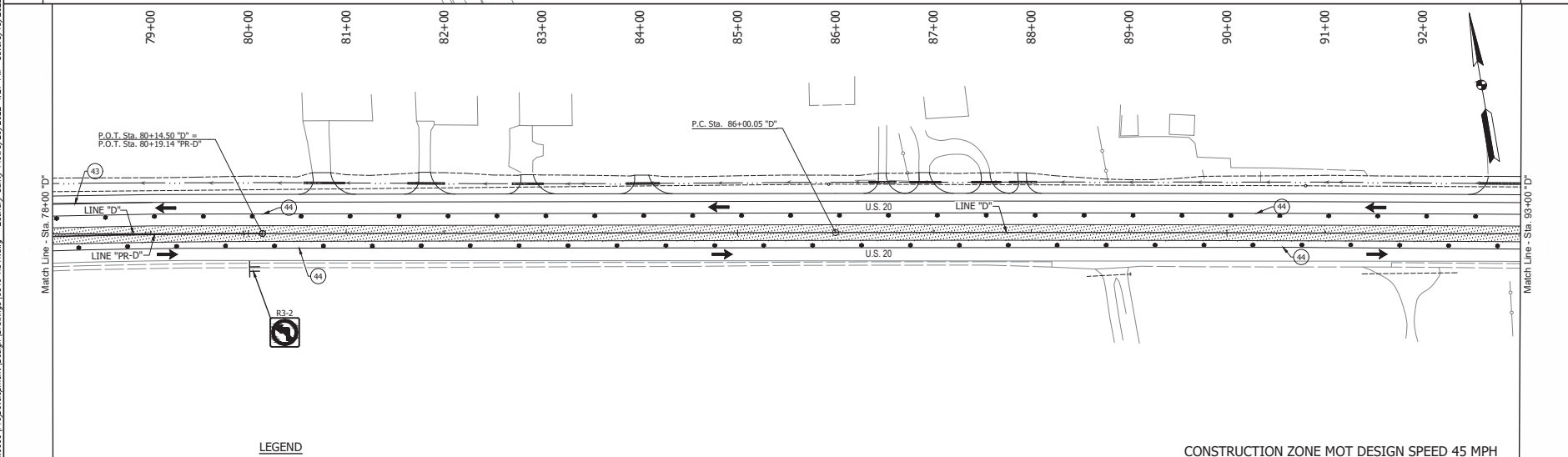
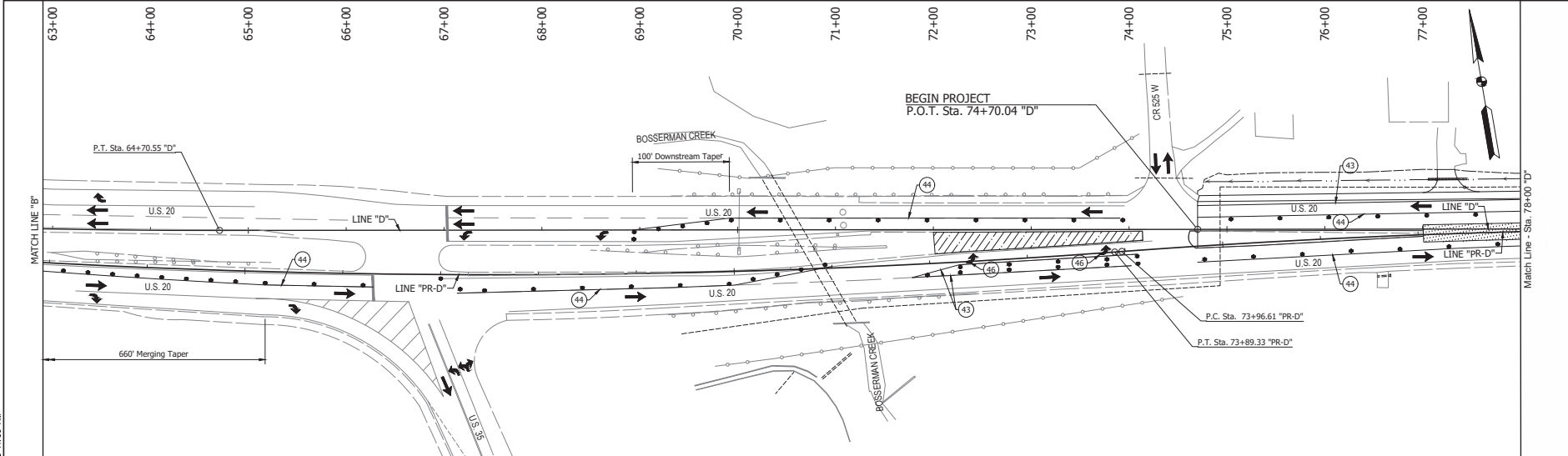
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1"=50'	DESIGNATION																
N/A	1900049																
SURVEY BOOK	SHEET																
31	188																
CONTRACT	PROJECT																
R-42452	1900049																

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- LEGEND**
- AREA OF CONSTRUCTION
  - TEMPORARY PAVEMENT
  - TRAFFIC FLOW
  - CHANNELIZING DEVICE
  - TRAFFIC SIGNS
  - 43 TEMP. PAVEMENT MARKING, REMOVABLE SOLID WHITE, 6"
  - 44 TEMP. PAVEMENT MARKING, REMOVABLE SOLID YELLOW, 6"
  - 45 TEMP. PAVEMENT MARKING, REMOVABLE LANE INDICATION ARROW

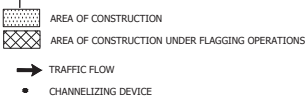
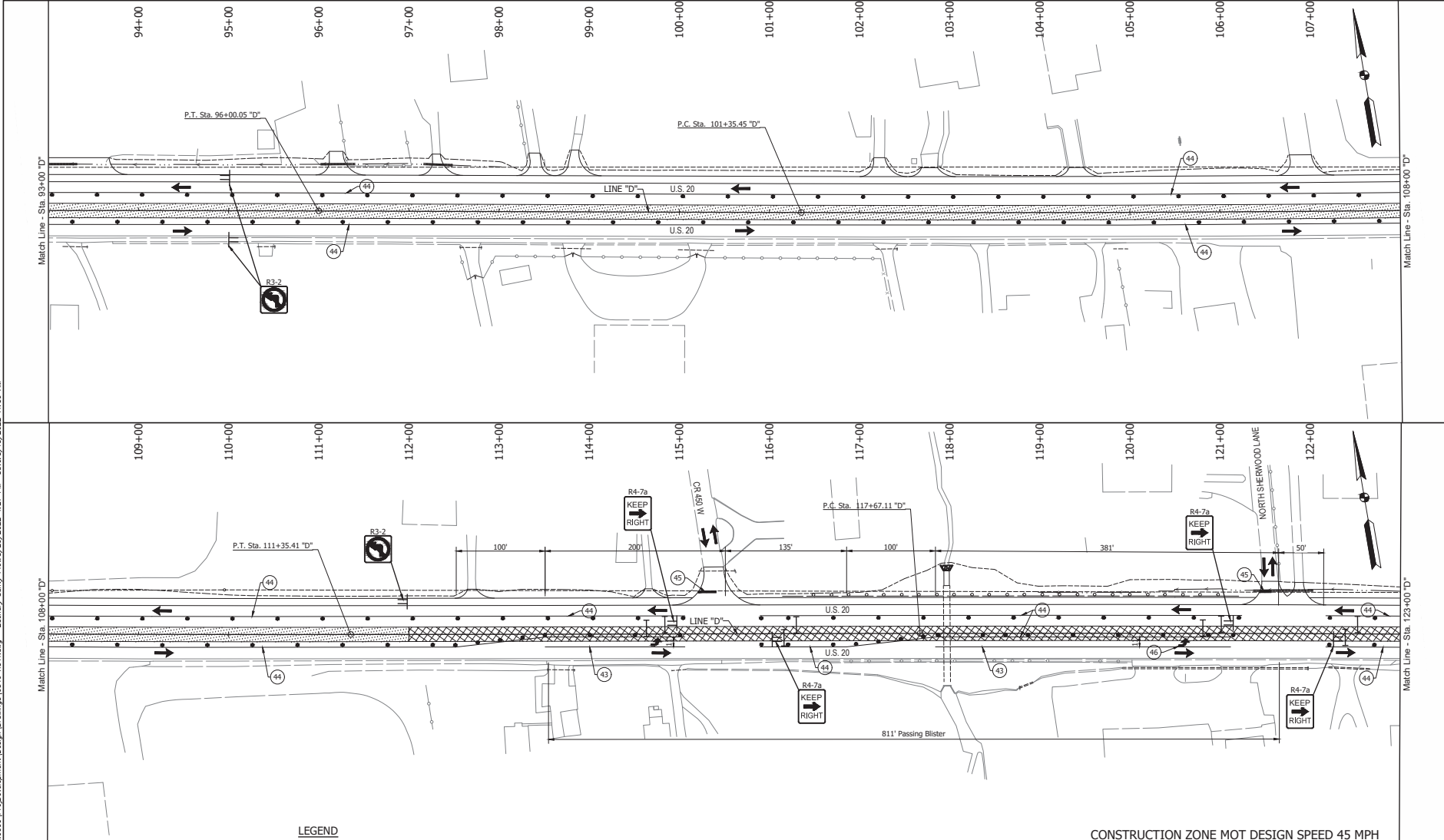
CONSTRUCTION ZONE MOT DESIGN SPEED 45 MPH

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MAINTENANCE OF TRAFFIC PHASE 4		CONTRACT R-42452		PROJECT 1900049	

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**LEGEND**

- TRAFFIC SIGNS
- TYPE III-B BARRICADE
- TEMP. PAVEMENT MARKING, REMOVABLE SOLID WHITE, 6"
- TEMP. PAVEMENT MARKING, REMOVABLE SOLID YELLOW, 6"
- TEMP. PAVEMENT MARKING, SOLID WHITE, 24"
- TEMP. PAVEMENT MARKING, REMOVABLE, LANE INDICATION ARROW

**CONSTRUCTION ZONE MOT DESIGN SPEED 45 MPH**

RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER	DATE
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**INDIANA  
DEPARTMENT OF TRANSPORTATION**

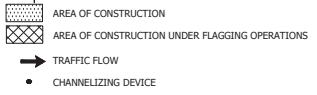
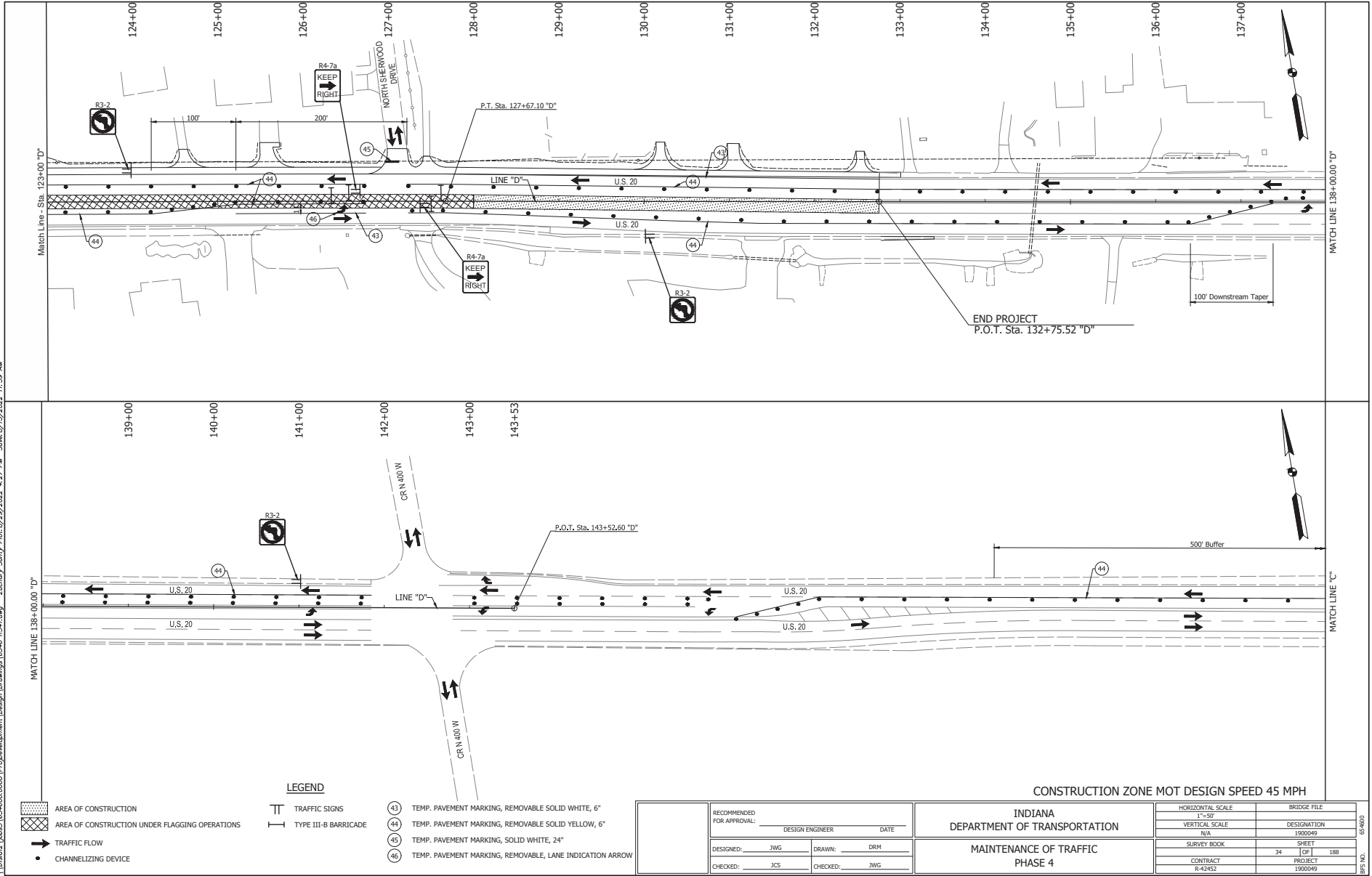
**MAINTENANCE OF TRAFFIC  
PHASE 4**

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION
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CONTRACT	PROJECT
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- LEGEND**
- TRAFFIC SIGNS
  - TYPE III-B BARRICADE
  - 43 TEMP. PAVEMENT MARKING, REMOVABLE SOLID WHITE, 6"
  - 44 TEMP. PAVEMENT MARKING, REMOVABLE SOLID YELLOW, 6"
  - 45 TEMP. PAVEMENT MARKING, SOLID WHITE, 24"
  - 46 TEMP. PAVEMENT MARKING, REMOVABLE, LANE INDICATION ARROW

**CONSTRUCTION ZONE MOT DESIGN SPEED 45 MPH**

RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER	DATE
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**INDIANA  
DEPARTMENT OF TRANSPORTATION**

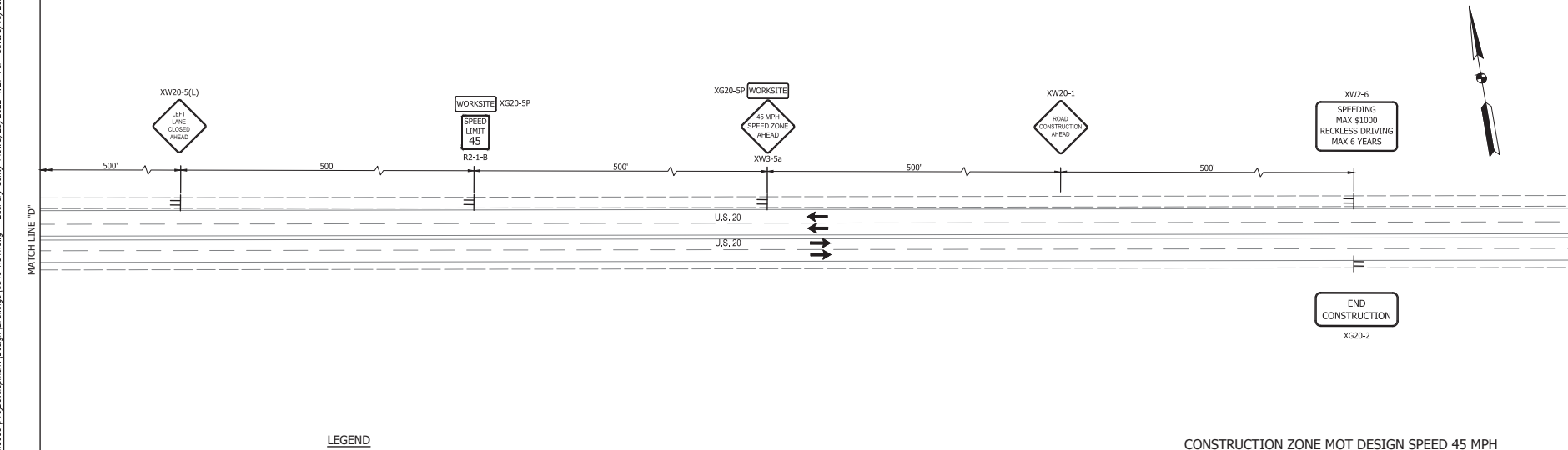
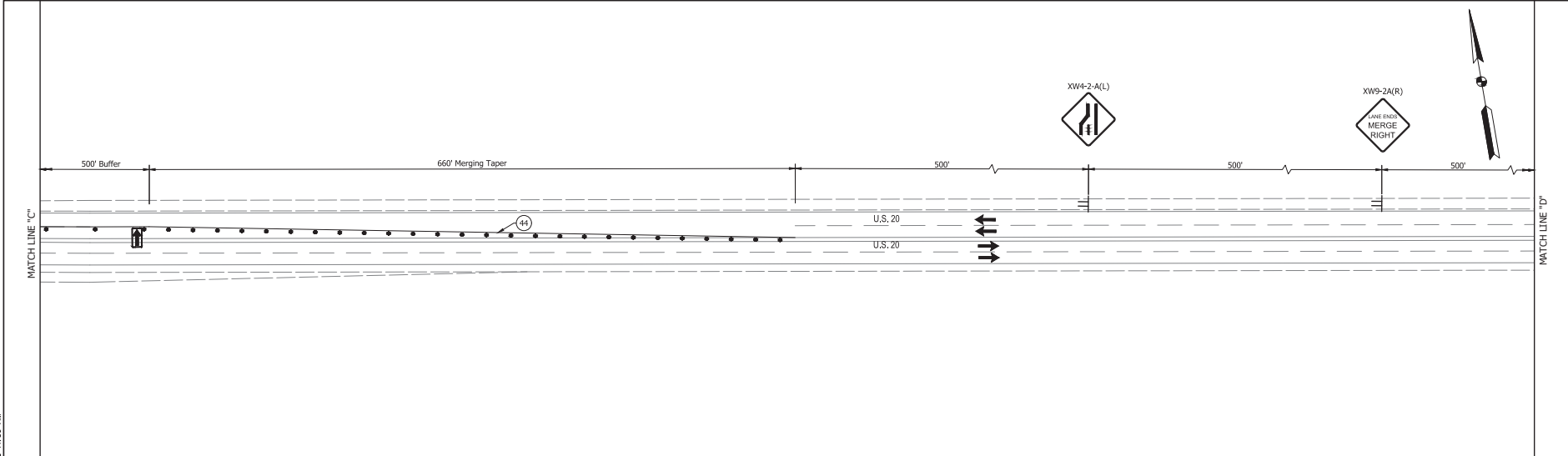
**MAINTENANCE OF TRAFFIC  
PHASE 4**

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R-42452	1900049

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- LEGEND**
- TRAFFIC FLOW
  - CHANNELIZING DEVICE
  - TRAFFIC SIGNS
  - ARROW BOARD
  - TEMP. PAVEMENT MARKING, REMOVABLE SOLID YELLOW, 6"

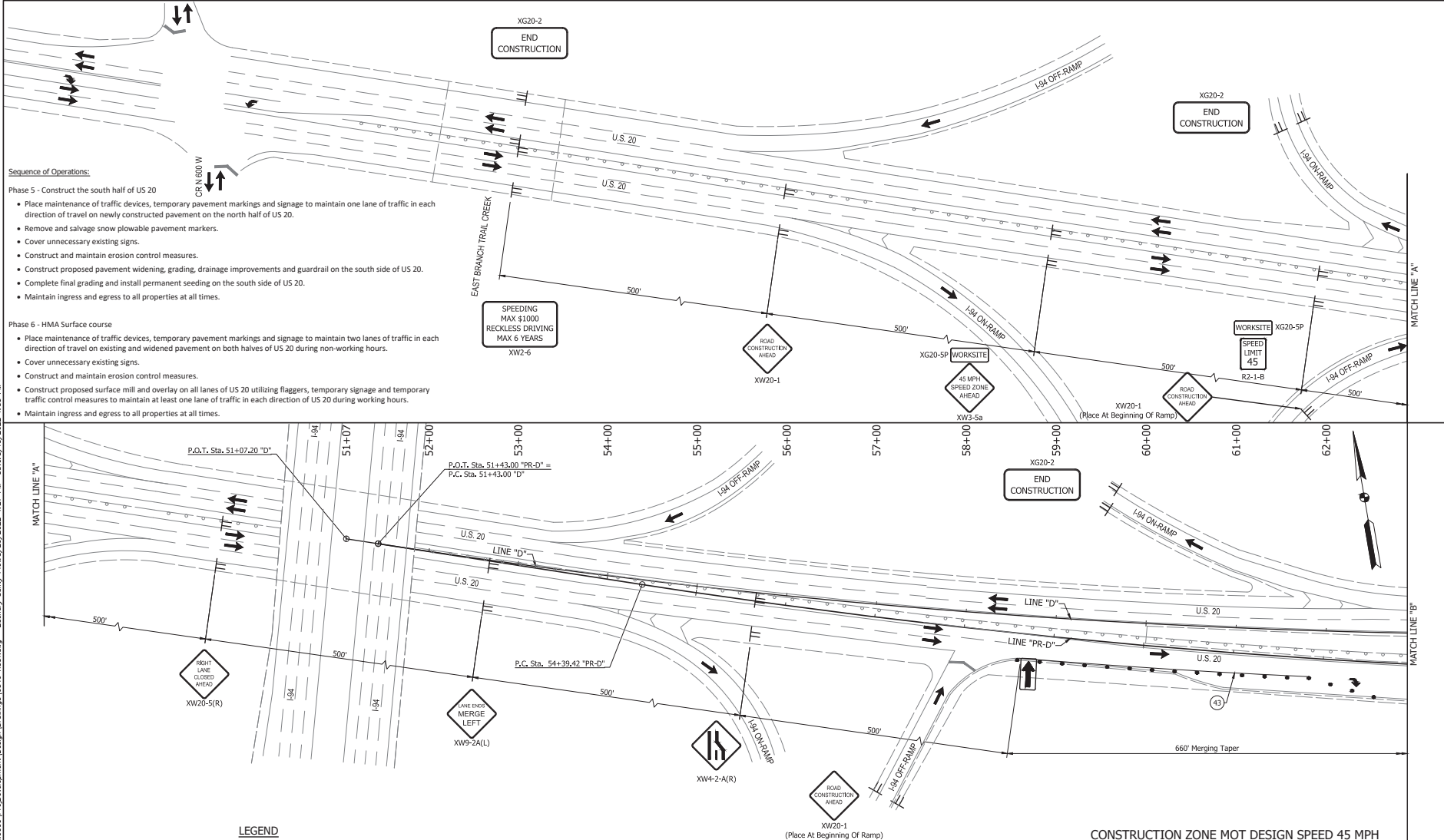
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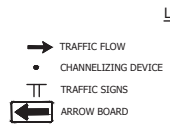
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- Sequence of Operations:**
- Phase 5 - Construct the south half of US 20**
- Place maintenance of traffic devices, temporary pavement markings and signage to maintain one lane of traffic in each direction of travel on newly constructed pavement on the north half of US 20.
  - Remove and salvage snow plowable pavement markers.
  - Cover unnecessary existing signs.
  - Construct and maintain erosion control measures.
  - Construct proposed pavement widening, grading, drainage improvements and guardrail on the south side of US 20.
  - Complete final grading and install permanent seeding on the south side of US 20.
  - Maintain ingress and egress to all properties at all times.
- Phase 6 - HMA Surface course**
- Place maintenance of traffic devices, temporary pavement markings and signage to maintain two lanes of traffic in each direction of travel on existing and widened pavement on both halves of US 20 during non-working hours.
  - Cover unnecessary existing signs.
  - Construct and maintain erosion control measures.
  - Construct proposed surface mill and overlay on all lanes of US 20 utilizing flaggers, temporary signage and temporary traffic control measures to maintain at least one lane of traffic in each direction of US 20 during working hours.
  - Maintain ingress and egress to all properties at all times.



43 TEMP. PAVEMENT MARKING, REMOVABLE SOLID WHITE, 6"

**CONSTRUCTION ZONE MOT DESIGN SPEED 45 MPH**

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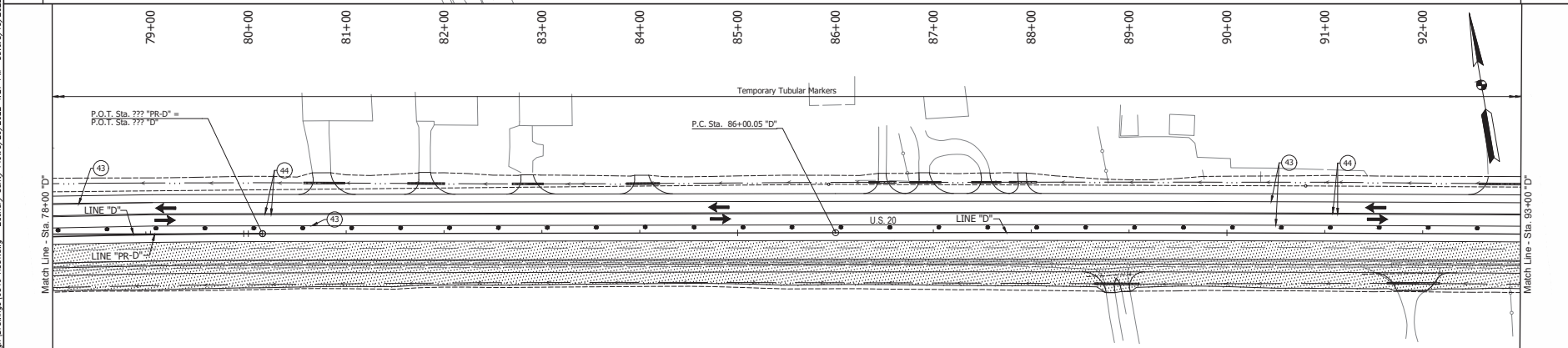
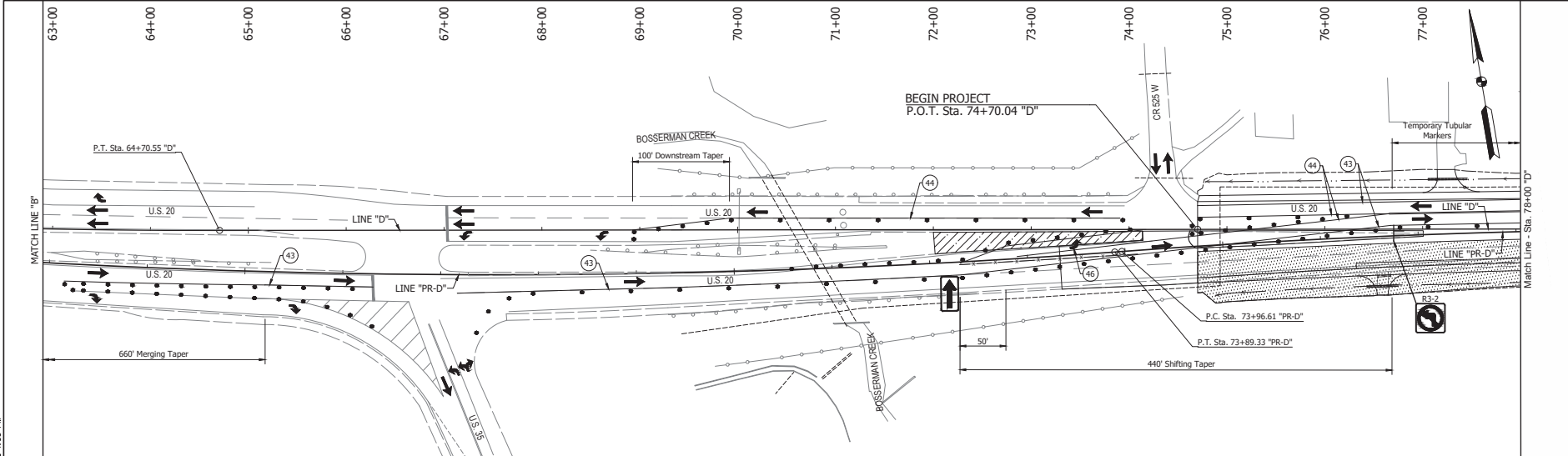
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CONTRACT	PROJECT
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- LEGEND**
- AREA OF CONSTRUCTION
  - TEMPORARY PAVEMENT
  - TRAFFIC FLOW
  - CHANNELIZING DEVICE
  - ARROW BOARD
  - PAVEMENT MARKING REMOVAL
  - TRAFFIC SIGNS
  - TEMP. PAVEMENT MARKING, REMOVABLE SOLID WHITE, 6"
  - TEMP. PAVEMENT MARKING, REMOVABLE SOLID YELLOW, 6"
  - TEMP. PAVEMENT MARKING, REMOVABLE, LANE INDICATION ARROW

CONSTRUCTION ZONE MOT DESIGN SPEED 45 MPH

RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER	DATE
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DEPARTMENT OF TRANSPORTATION

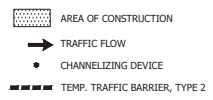
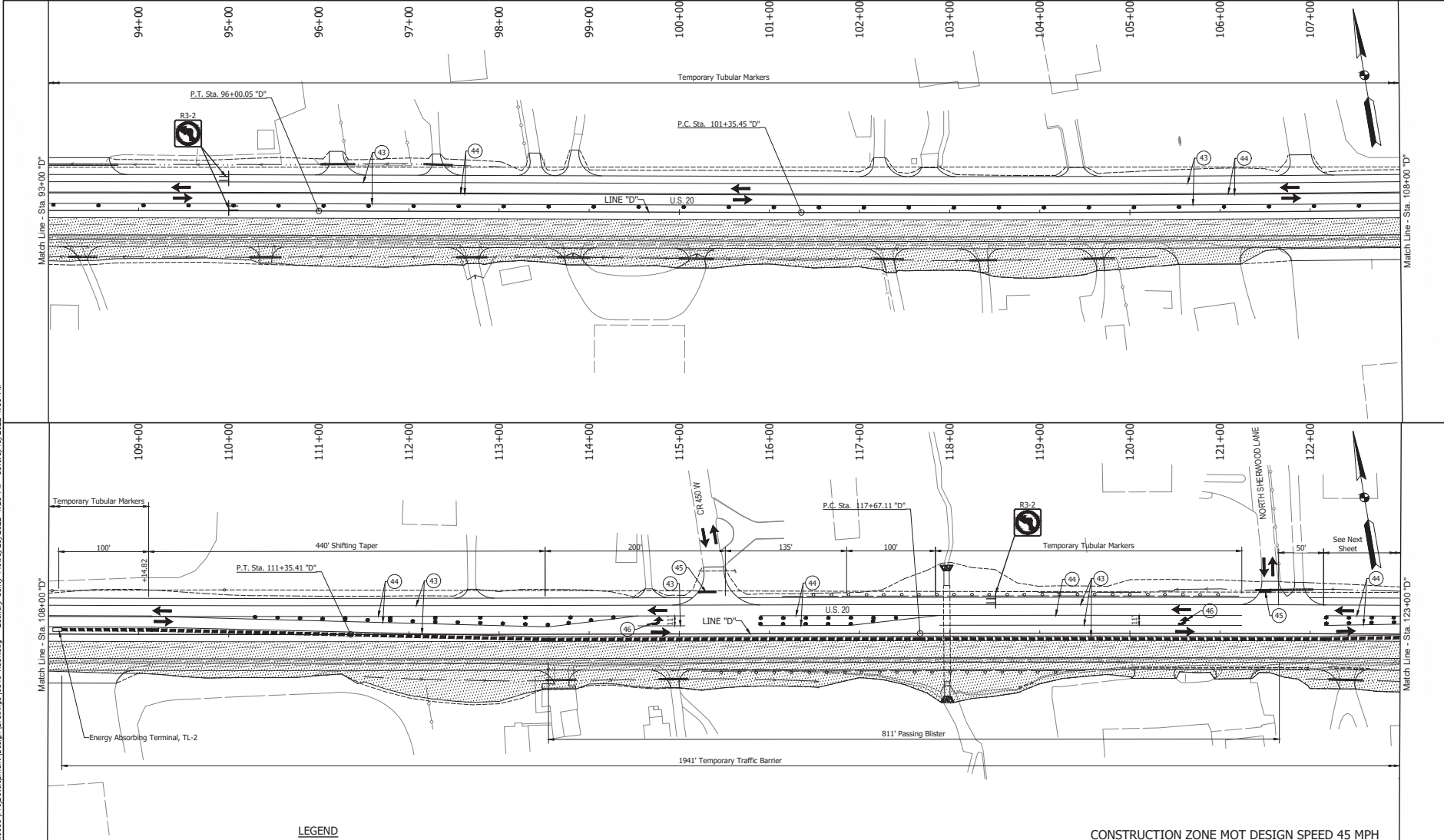
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PHASE 5

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**LEGEND**

- TT TRAFFIC SIGNS
- 43 TEMP. PAVEMENT MARKING, REMOVABLE SOLID WHITE, 6"
- 44 TEMP. PAVEMENT MARKING, REMOVABLE SOLID YELLOW, 6"
- 45 TEMP. PAVEMENT MARKING, SOLID WHITE, 24"
- 46 TEMP. PAVEMENT MARKING, REMOVABLE, LANE INDICATION ARROW

**CONSTRUCTION ZONE MOT DESIGN SPEED 45 MPH**

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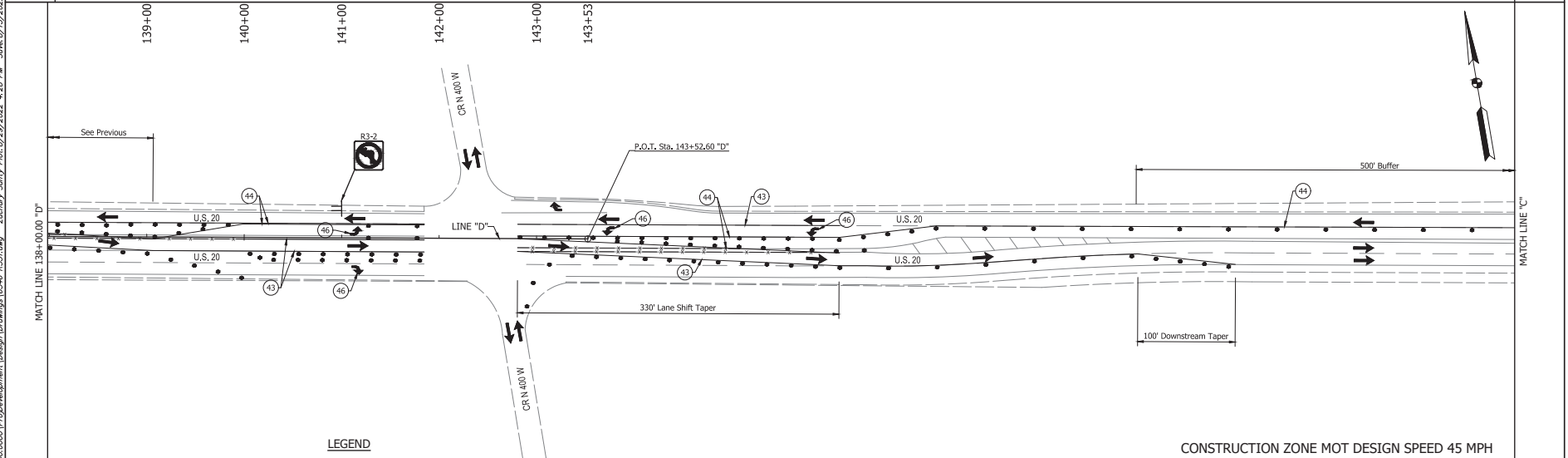
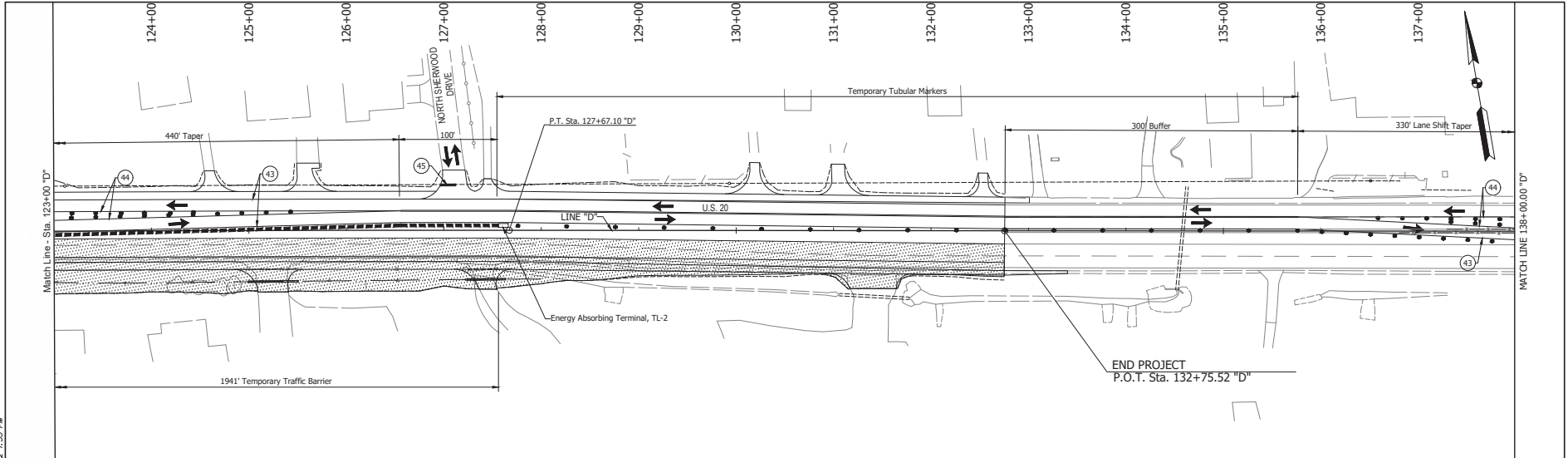
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MAINTENANCE OF TRAFFIC PHASE 5	

HORIZONTAL SCALE	BRIDGE FILE
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CONTRACT	PROJECT
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- LEGEND**
- AREA OF CONSTRUCTION
  - TRAFFIC FLOW
  - CHANNELIZING DEVICE
  - PAVEMENT MARKING REMOVAL
  - TEMP. TRAFFIC BARRIER, TYPE 2
  - TRAFFIC SIGNS
  - TEMP. PAVEMENT MARKING, REMOVABLE SOLID WHITE, 6"
  - TEMP. PAVEMENT MARKING, REMOVABLE SOLID YELLOW, 6"
  - TEMP. PAVEMENT MARKING, SOLID WHITE, 24"
  - TEMP. PAVEMENT MARKING, REMOVABLE, LANE INDICATION ARROW

CONSTRUCTION ZONE MOT DESIGN SPEED 45 MPH

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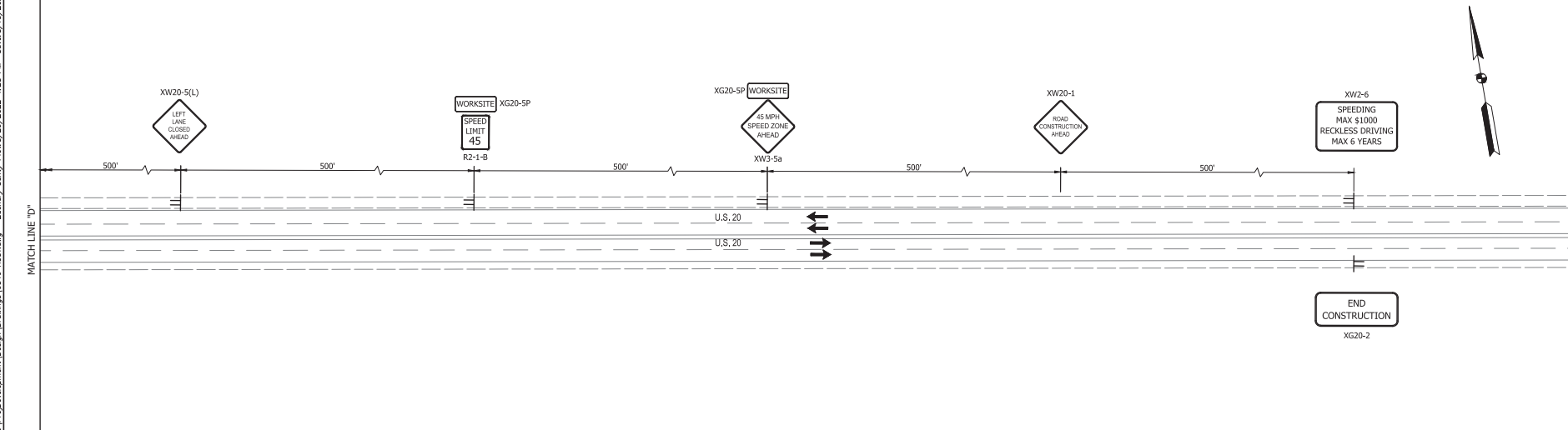
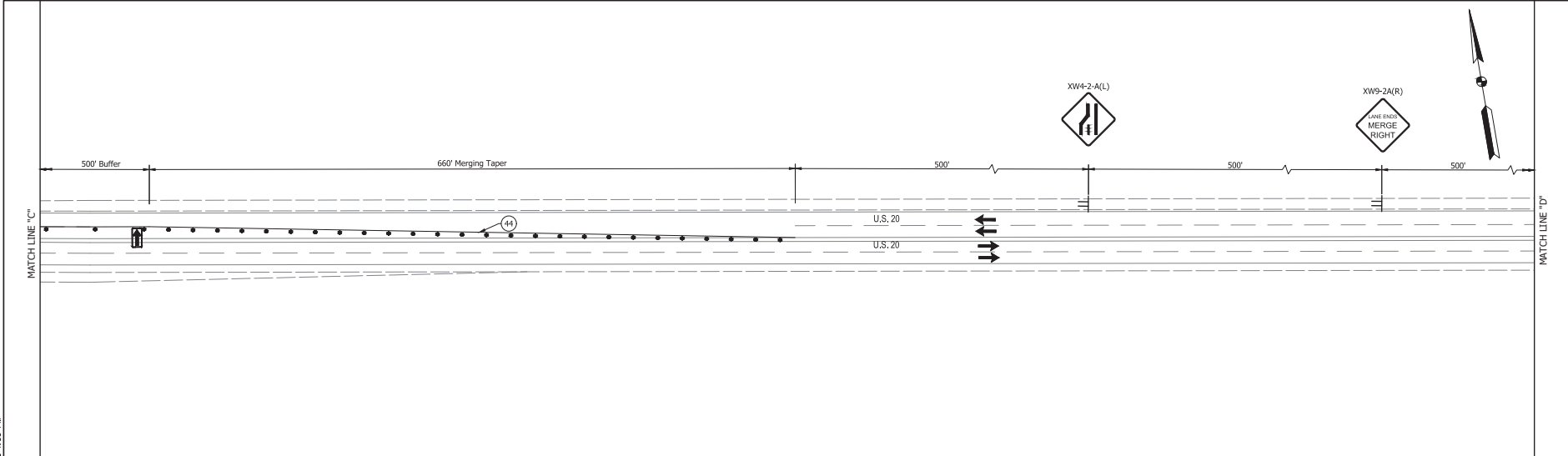
**INDIANA**  
 DEPARTMENT OF TRANSPORTATION  
 MAINTENANCE OF TRAFFIC  
 PHASE 5

HORIZONTAL SCALE	BRIDGE FILE
1"=50'	DESIGNATION
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SURVEY BOOK	SHEET
39	188
CONTRACT	PROJECT
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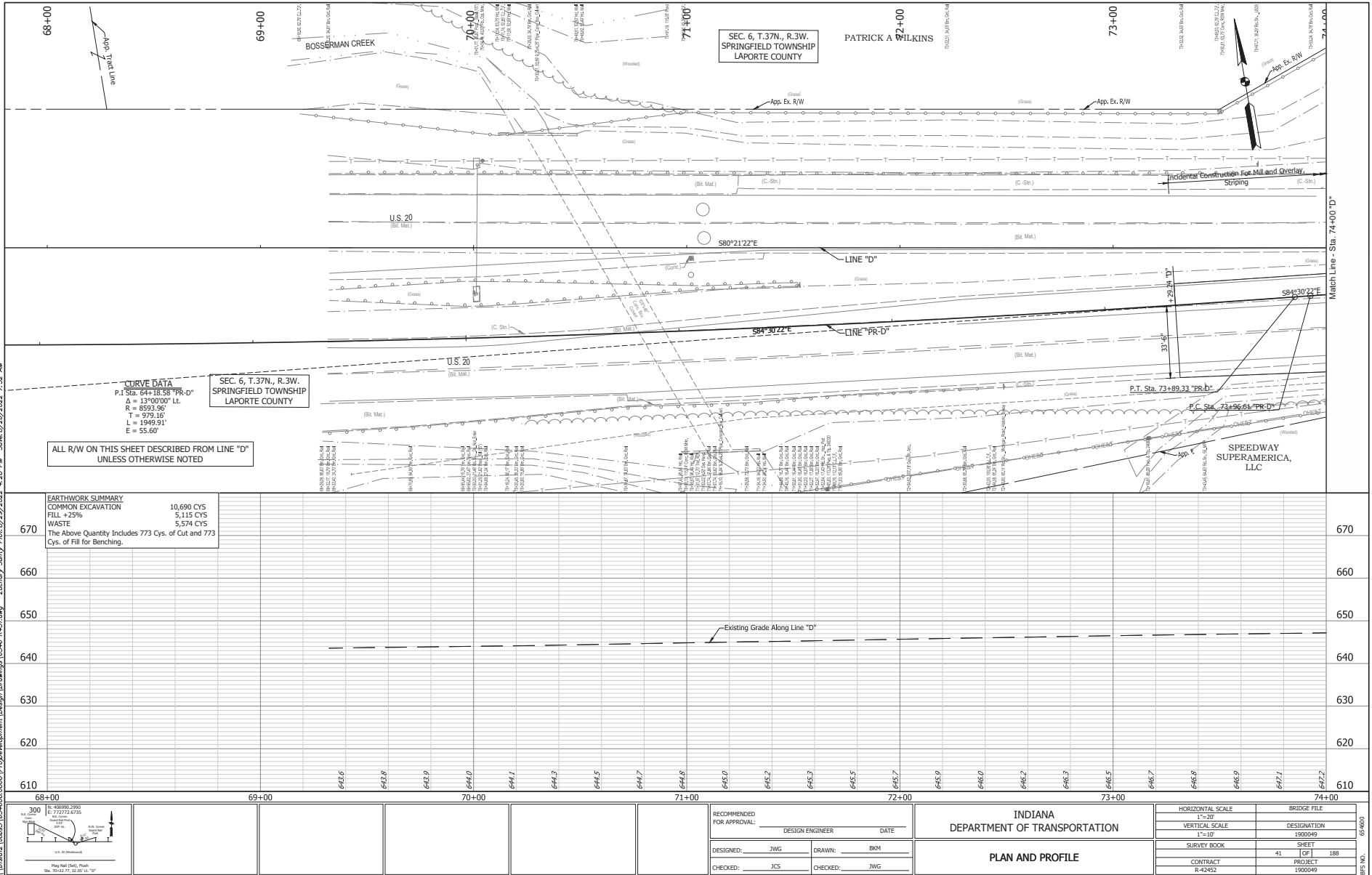
- LEGEND**
- TRAFFIC FLOW
  - CHANNELIZING DEVICE
  - TRAFFIC SIGNS
  - ARROW BOARD
  - TEMP. PAVEMENT MARKING, REMOVABLE SOLID YELLOW, 6"

CONSTRUCTION ZONE MOT DESIGN SPEED 45 MPH

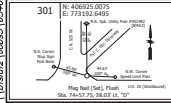
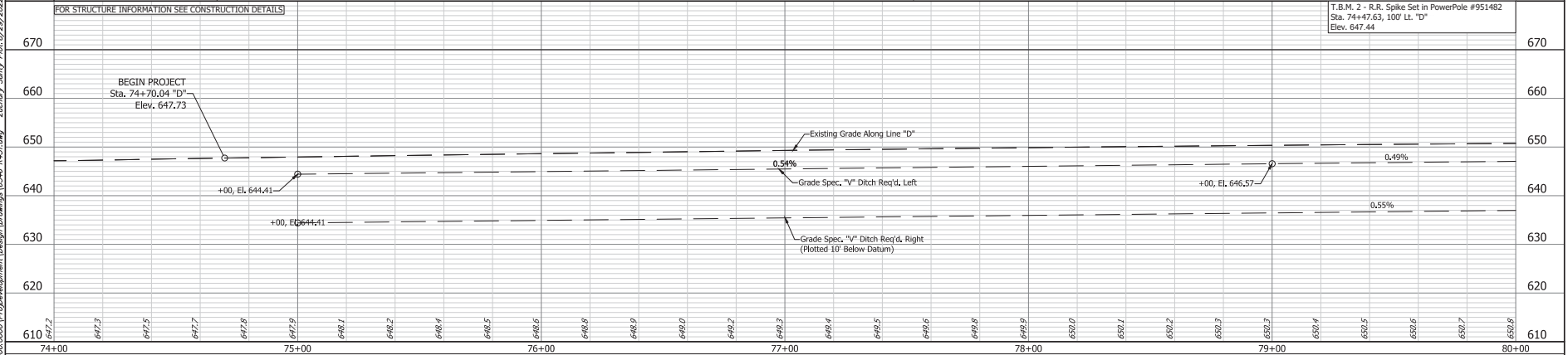
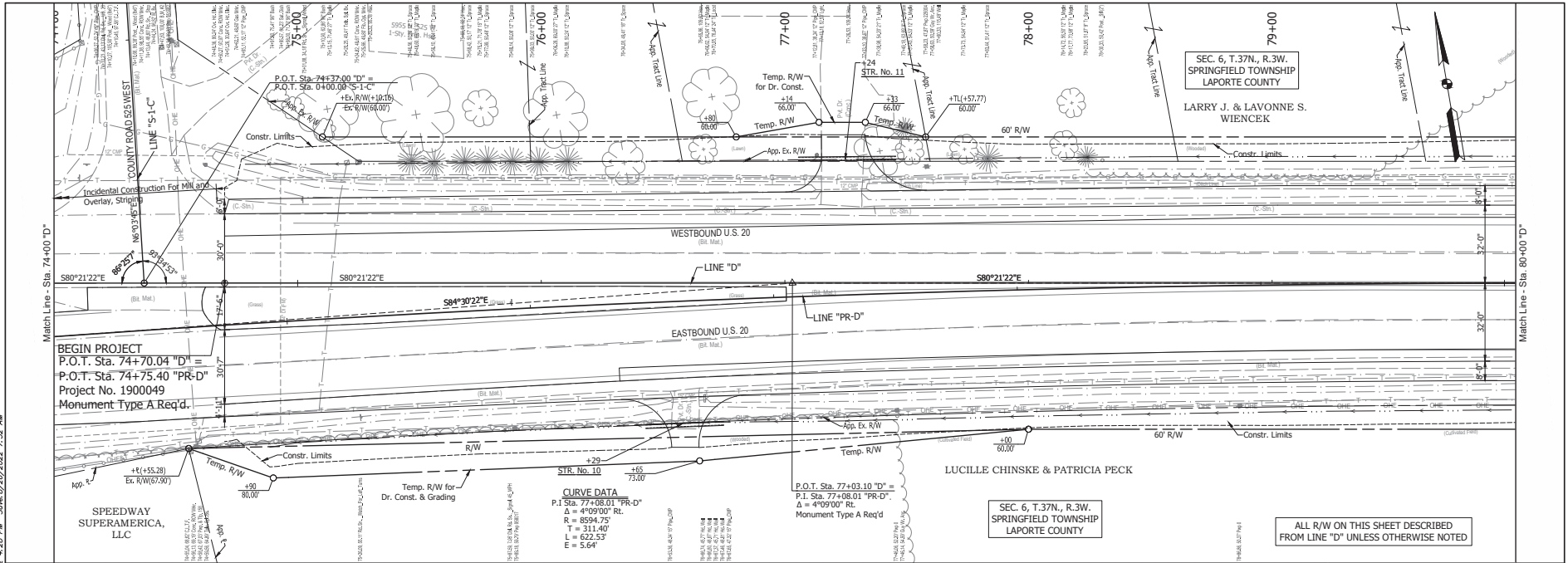
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PROJECT R-42452				PROJECT 1900049			

05-6000

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RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER	DATE
DESIGNED: JWG	DRAWN: JMT		
CHECKED: JCS	CHECKED: JWG		

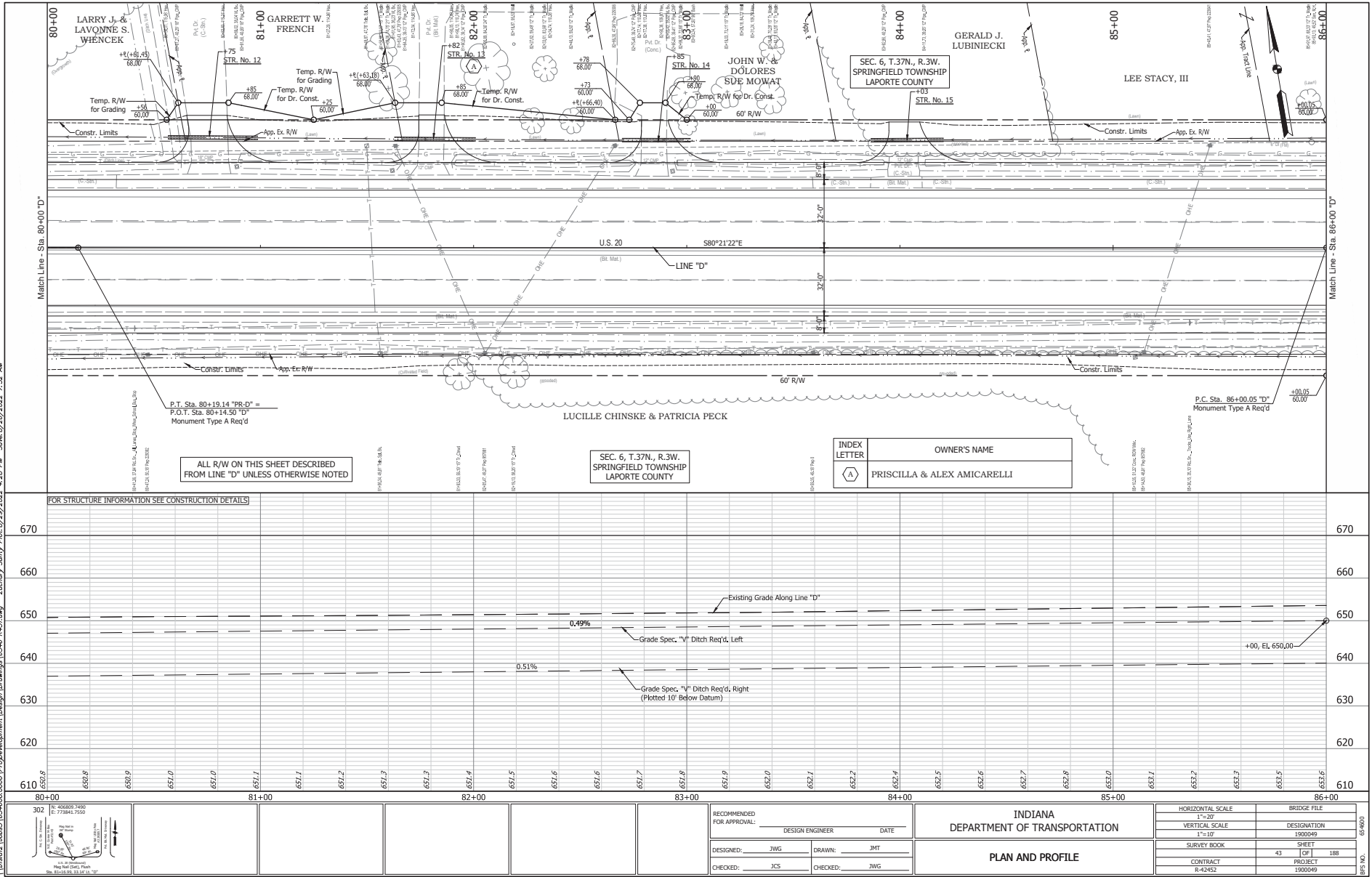
**INDIANA**  
DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE**

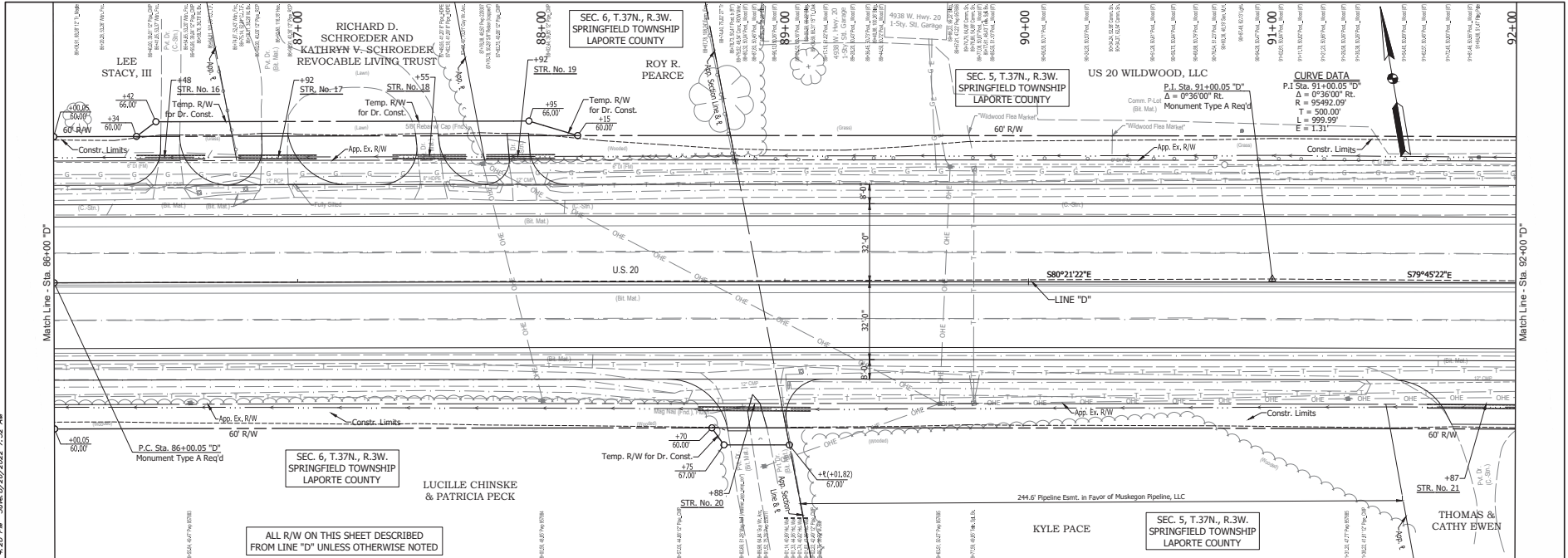
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VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	SHEET
42	188
CONTRACT	PROJECT
R-42452	1900049

05-0000

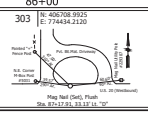
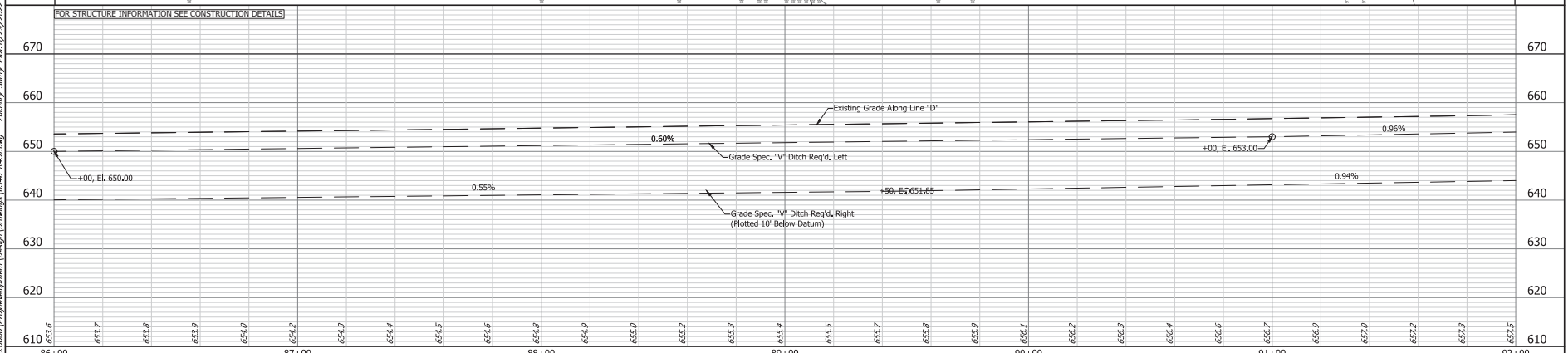
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ALL R/W ON THIS SHEET DESCRIBED FROM LINE "D" UNLESS OTHERWISE NOTED.

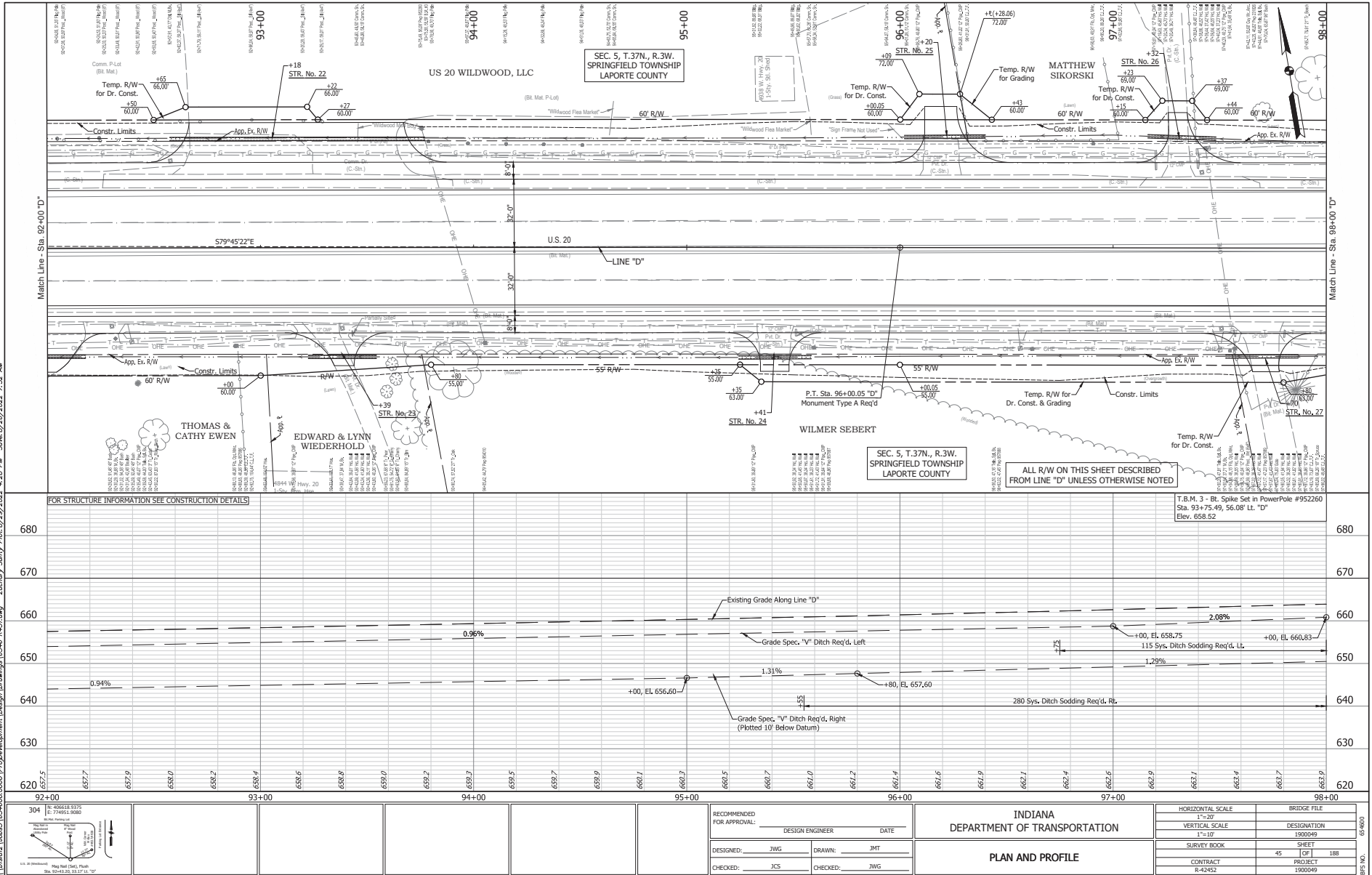


RECOMMENDED FOR APPROVAL:		DATE	
DESIGNED BY: JWG	DRAWN BY: JMT		
CHECKED BY: JCS	CHECKED BY: JWG		

INDIANA DEPARTMENT OF TRANSPORTATION	
PLAN AND PROFILE	

HORIZONTAL SCALE	BRIDGE FILE
1"=50'	
VERTICAL SCALE	DESIGNATION
1"=10'	1900049
SURVEY BOOK	SHEET
44	188
CONTRACT	PROJECT
R-42452	1900049

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FOR STRUCTURE INFORMATION SEE CONSTRUCTION DETAILS

T.B.M. 3 - Bt. Spike Set in PowerPole #952260  
Sta. 93+75.49, 56.08' Lt. "D"  
Elev. 659.52

ALL R/W ON THIS SHEET DESCRIBED FROM LINE "D" UNLESS OTHERWISE NOTED

SEC. 5, T.37N., R.3W. SPRINGFIELD TOWNSHIP LAPORTE COUNTY

SEC. 5, T.37N., R.3W. SPRINGFIELD TOWNSHIP LAPORTE COUNTY

US 20 WILDWOOD, LLC

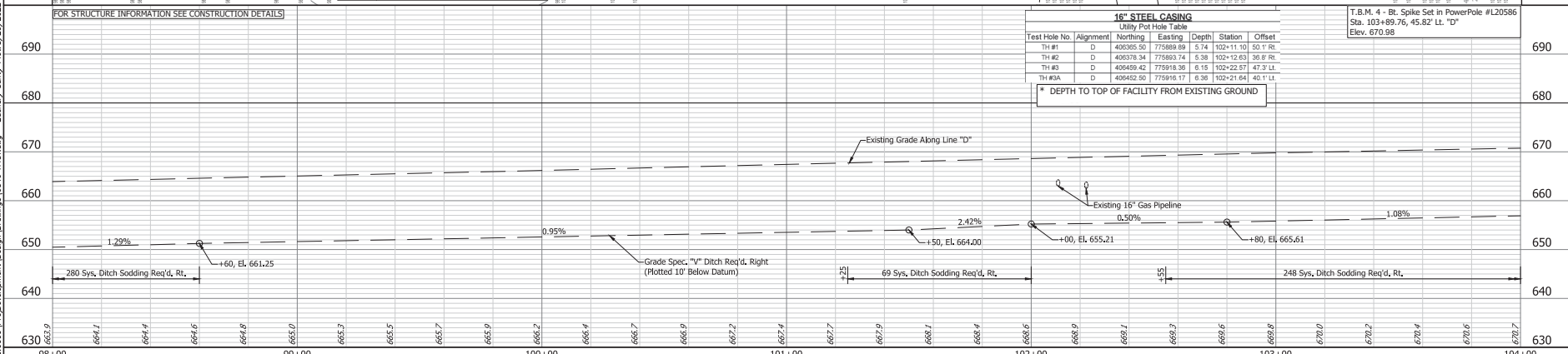
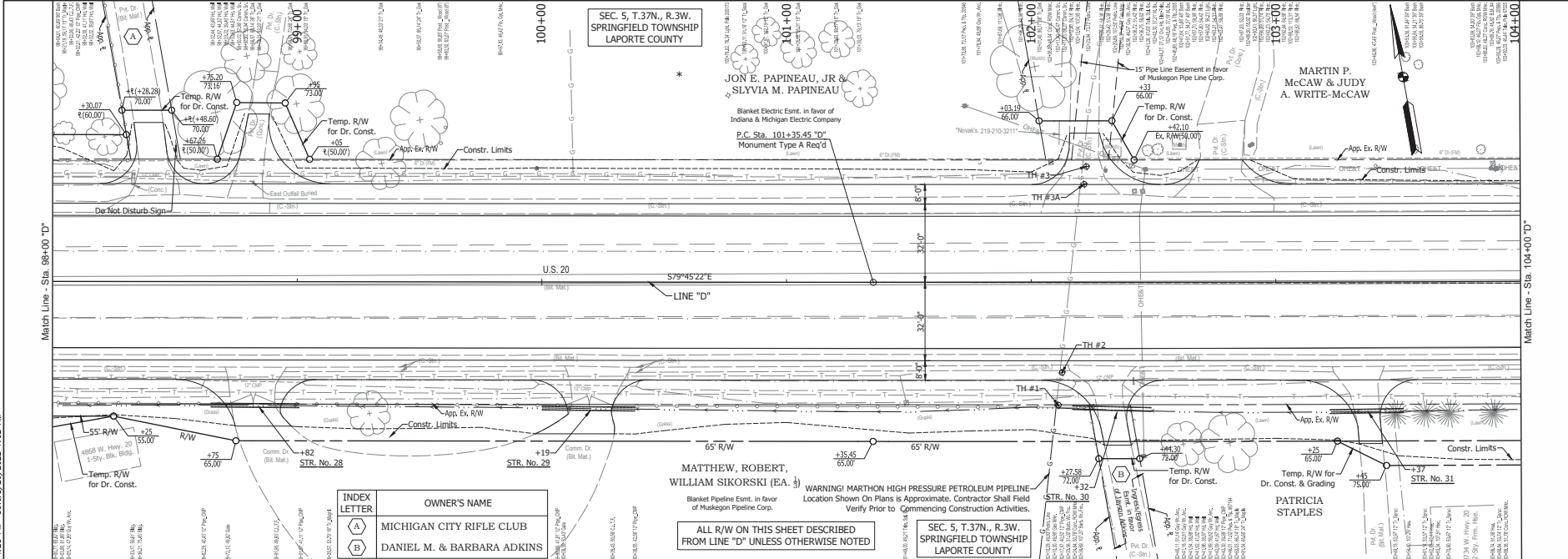
MATTHEW SIKORSKI

WILMER SEBERT

THOMAS & CATHY EWEN

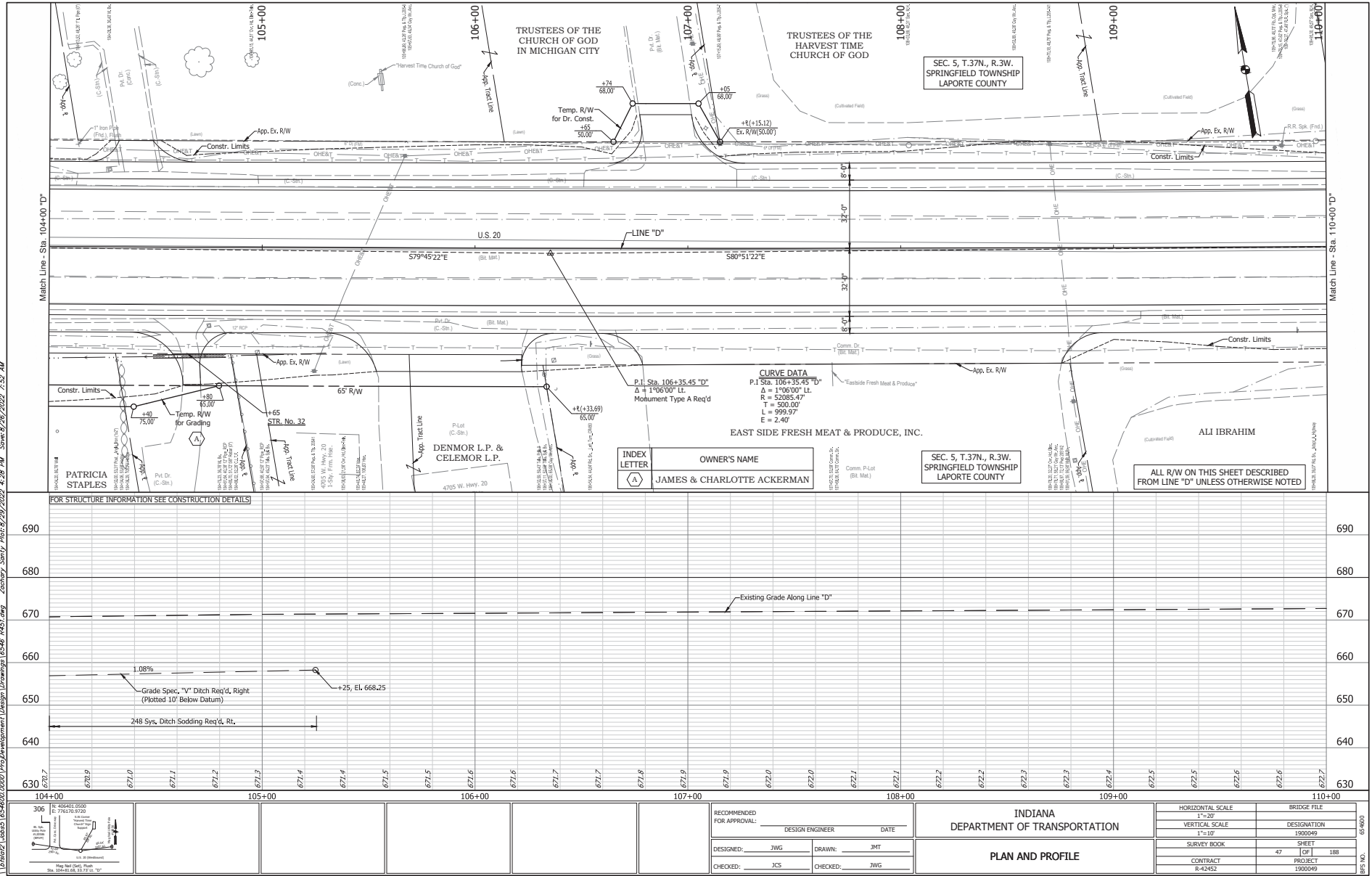
EDWARD & LYNN WIEDERHOLD

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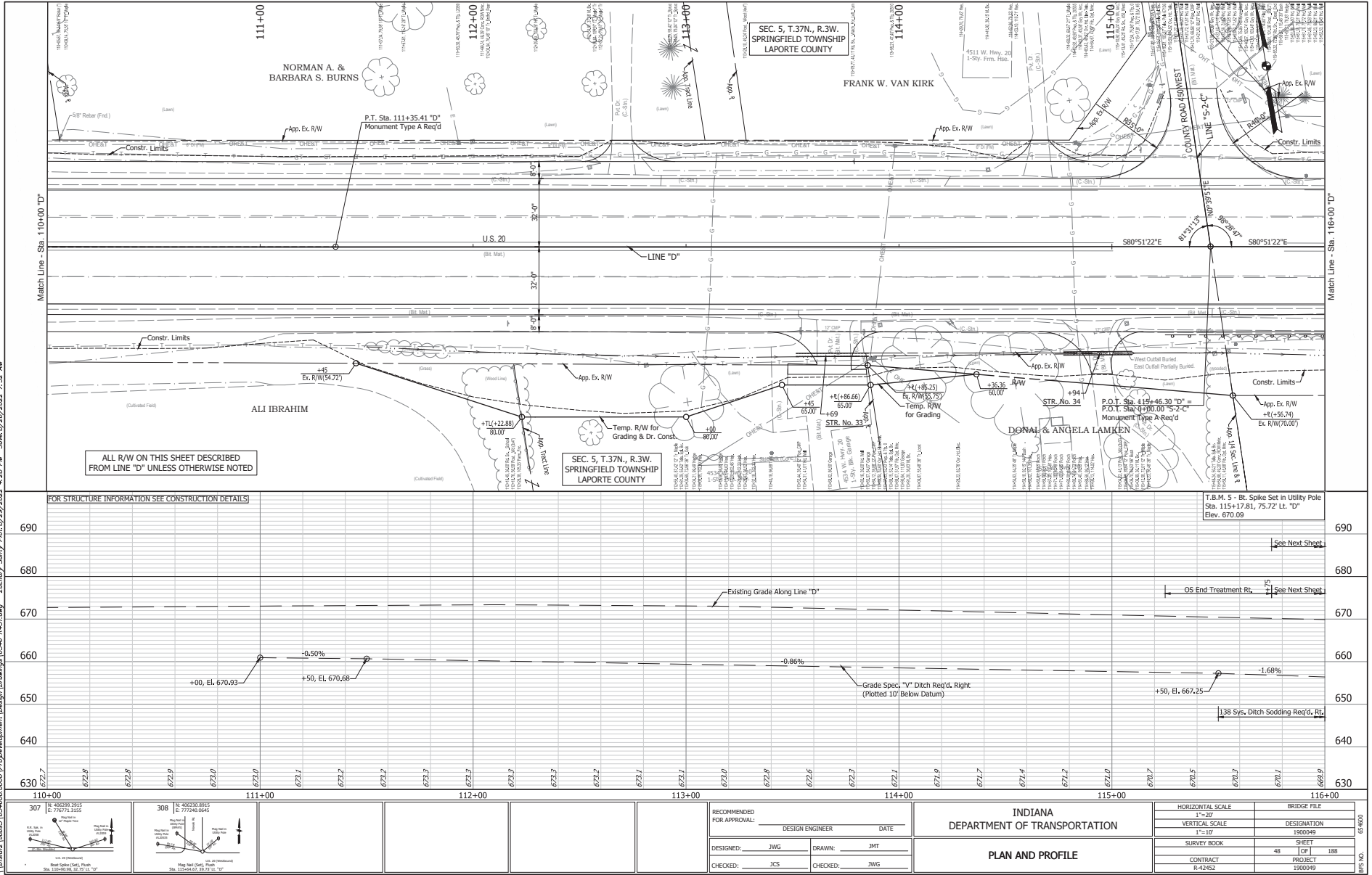
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SEC. 5, T.37N., R.3W.,  
SPRINGFIELD TOWNSHIP  
LAPORTE COUNTY

SEC. 5, T.37N., R.3W.,  
SPRINGFIELD TOWNSHIP  
LAPORTE COUNTY

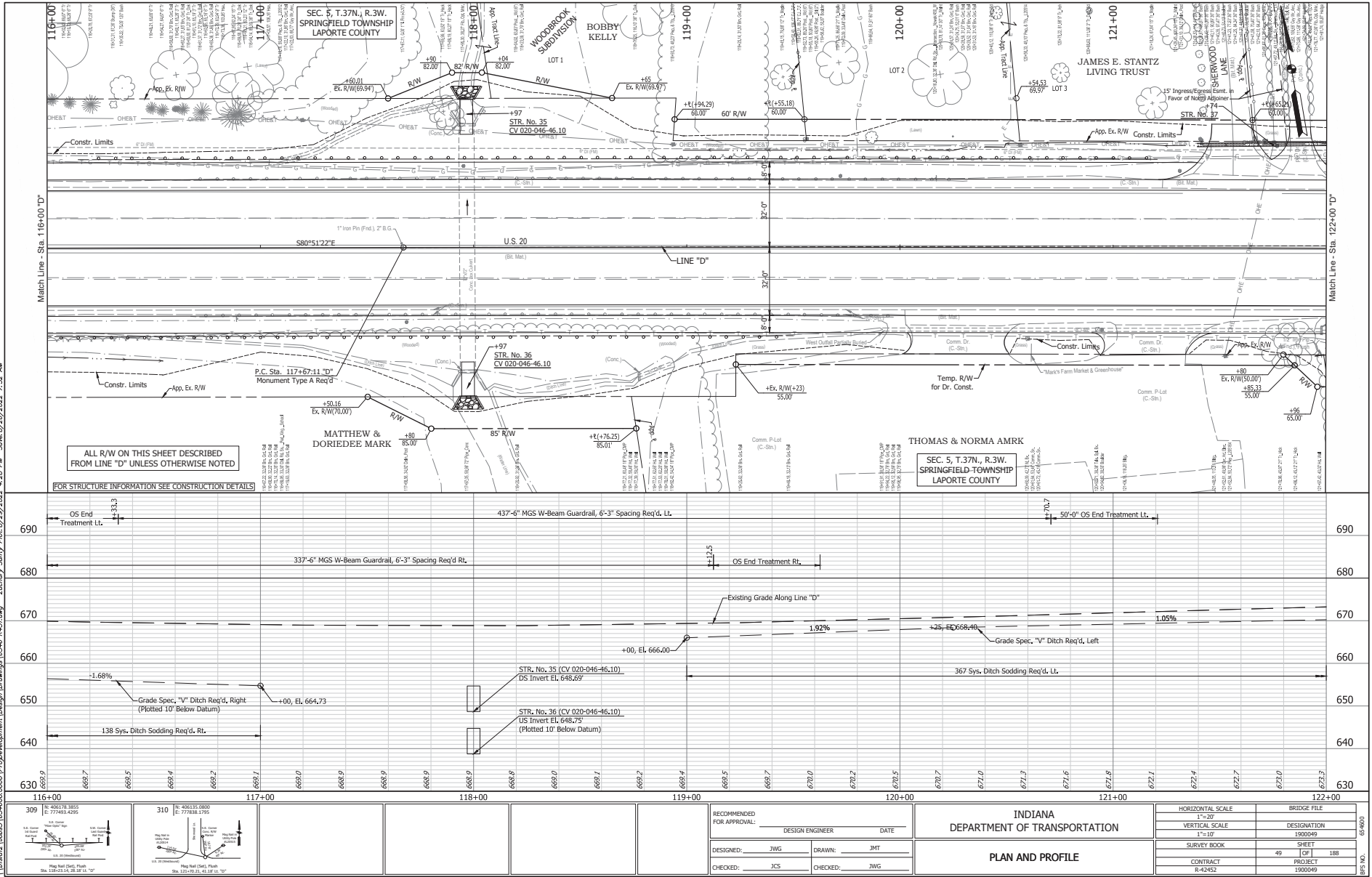
T.B.M. 5 - Rt. Spike Set in Utility Pole  
Sta. 115+17.81, 75.72' Lt. "D"  
Elev. 670.09

RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER	DATE
DESIGNED: JWG	DRAWN: JMT		
CHECKED: JCS	CHECKED: JWG		

INDIANA DEPARTMENT OF TRANSPORTATION	
<b>PLAN AND PROFILE</b>	

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION
1" = 10'	1900049
SURVEY BOOK	SHEET
48	188
CONTRACT	PROJECT
R-42452	1900049

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FOR STRUCTURE INFORMATION SEE CONSTRUCTION DETAILS

MATTHEW & DORIEDEE MARK

THOMAS & NORMA AMRK

SEC. 5, T. 37N., R. 3W. SPRINGFIELD TOWNSHIP LAPORTE COUNTY

JAMES E. STANTZ LIVING TRUST

RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER	DATE
DESIGNED: JWG	DRAWN: JMT		
CHECKED: JCS	CHECKED: JWG		

INDIANA DEPARTMENT OF TRANSPORTATION	
PLAN AND PROFILE	

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	17-00
VERTICAL SCALE	DESIGNATION
1" = 10'	1900049
SURVEY BOOK	SHEET
49	188
CONTRACT	PROJECT
R-42452	1900049