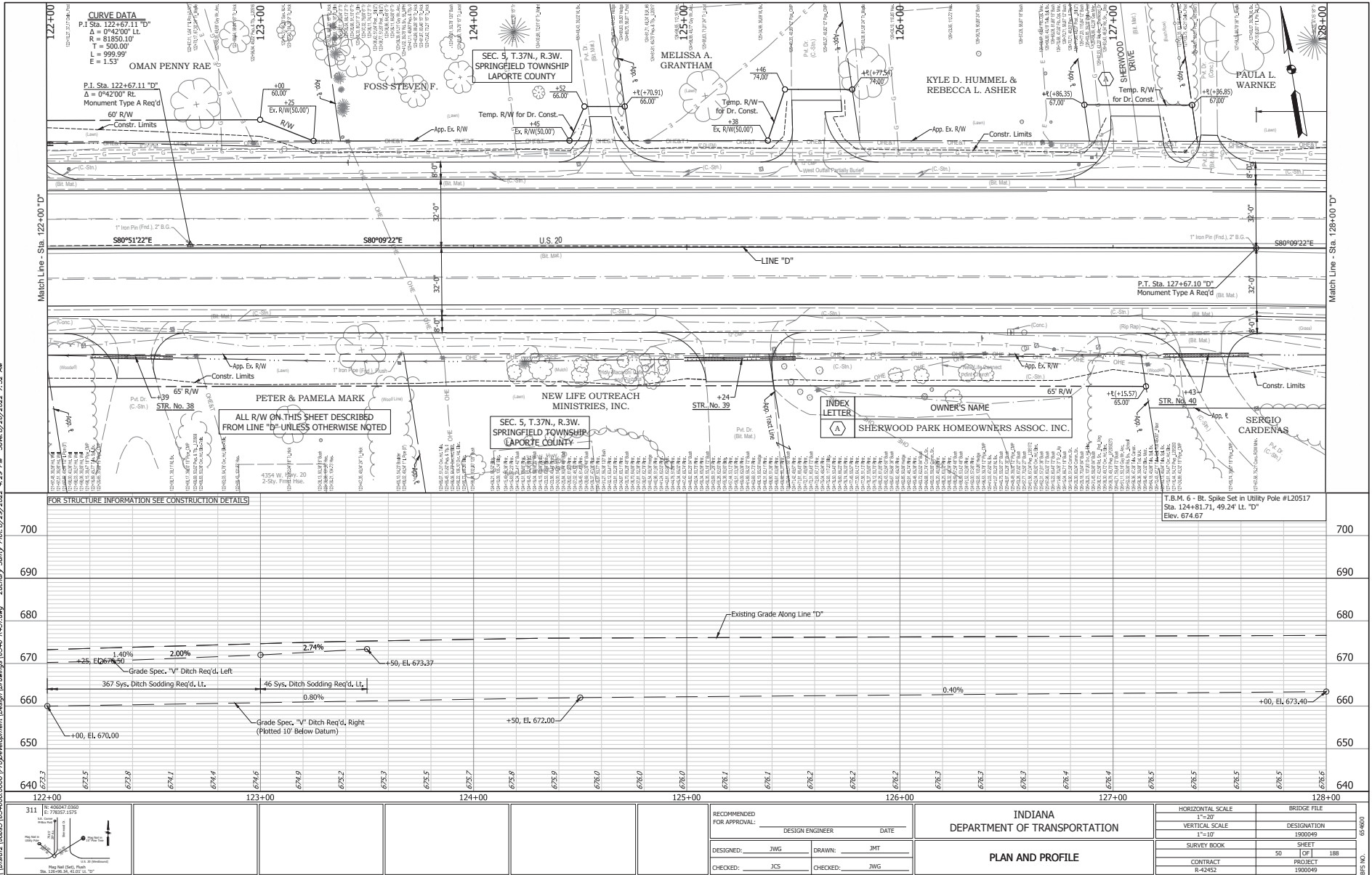


I:\Projects\2022\02022-0200\ProjDevelopment\Design Drawings\6546-6451.dwg Zschoy Start Date: 2/29/2022 4:29 PM Save: 8/26/2022 3:52 AM

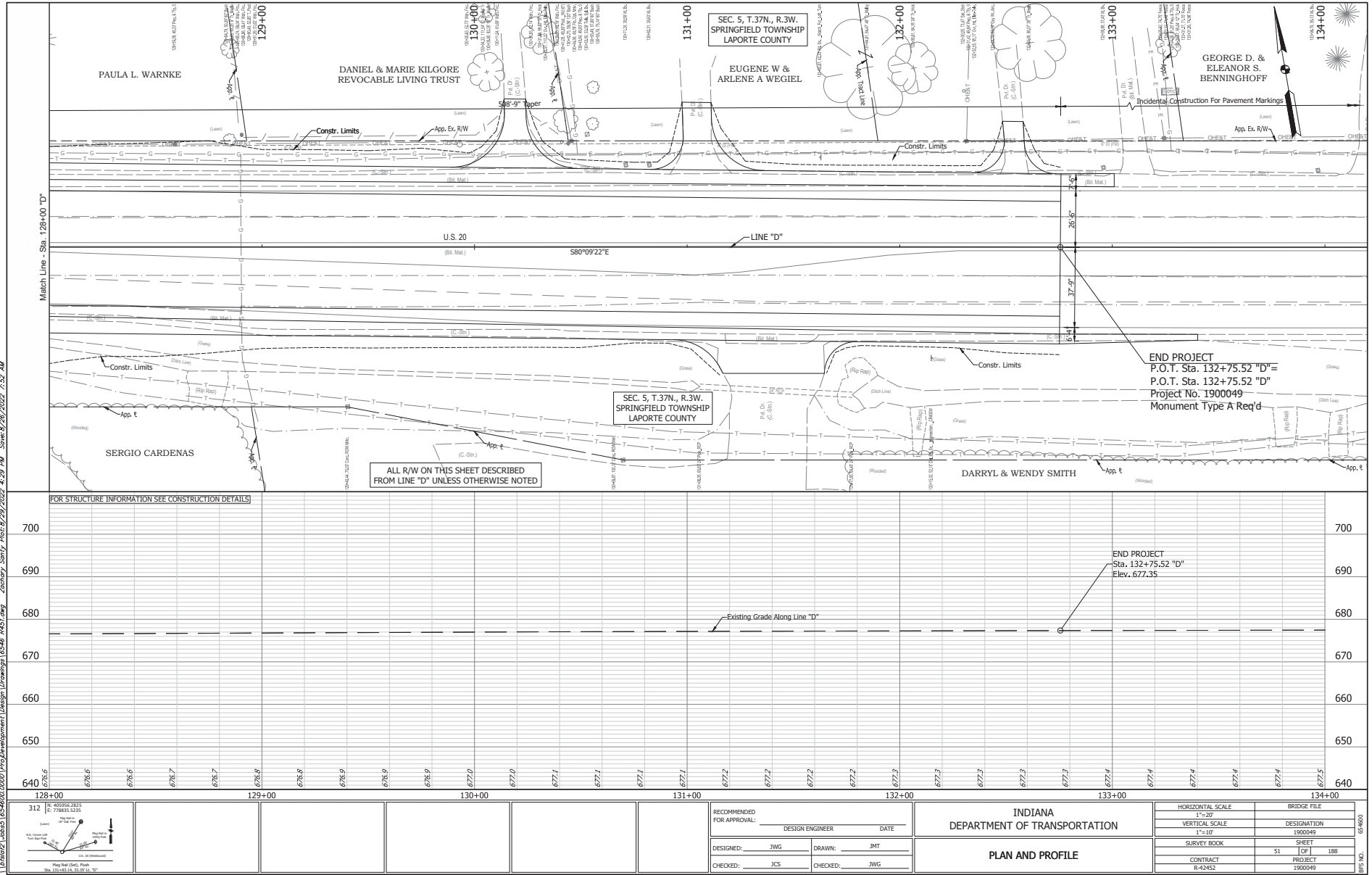


RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER	DATE
DESIGNED:	JWG	DRAWN:	JMT
CHECKED:	JCS	CHECKED:	JWG

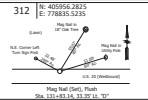
INDIANA DEPARTMENT OF TRANSPORTATION	
PLAN AND PROFILE	

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

I:\Projects\1654600\0001\Development\Design\Drawings\16546_1651.dwg Zephyr_Savvy_Plot:8/29/2022 4:29 PM Save:8/26/2022 3:52 AM



Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation
128+00	676.6	129+00	676.6	130+00	677.0	131+00	677.1	132+00	677.2	133+00	677.4	134+00	677.5		



312 E: 778835.5235															
-----------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

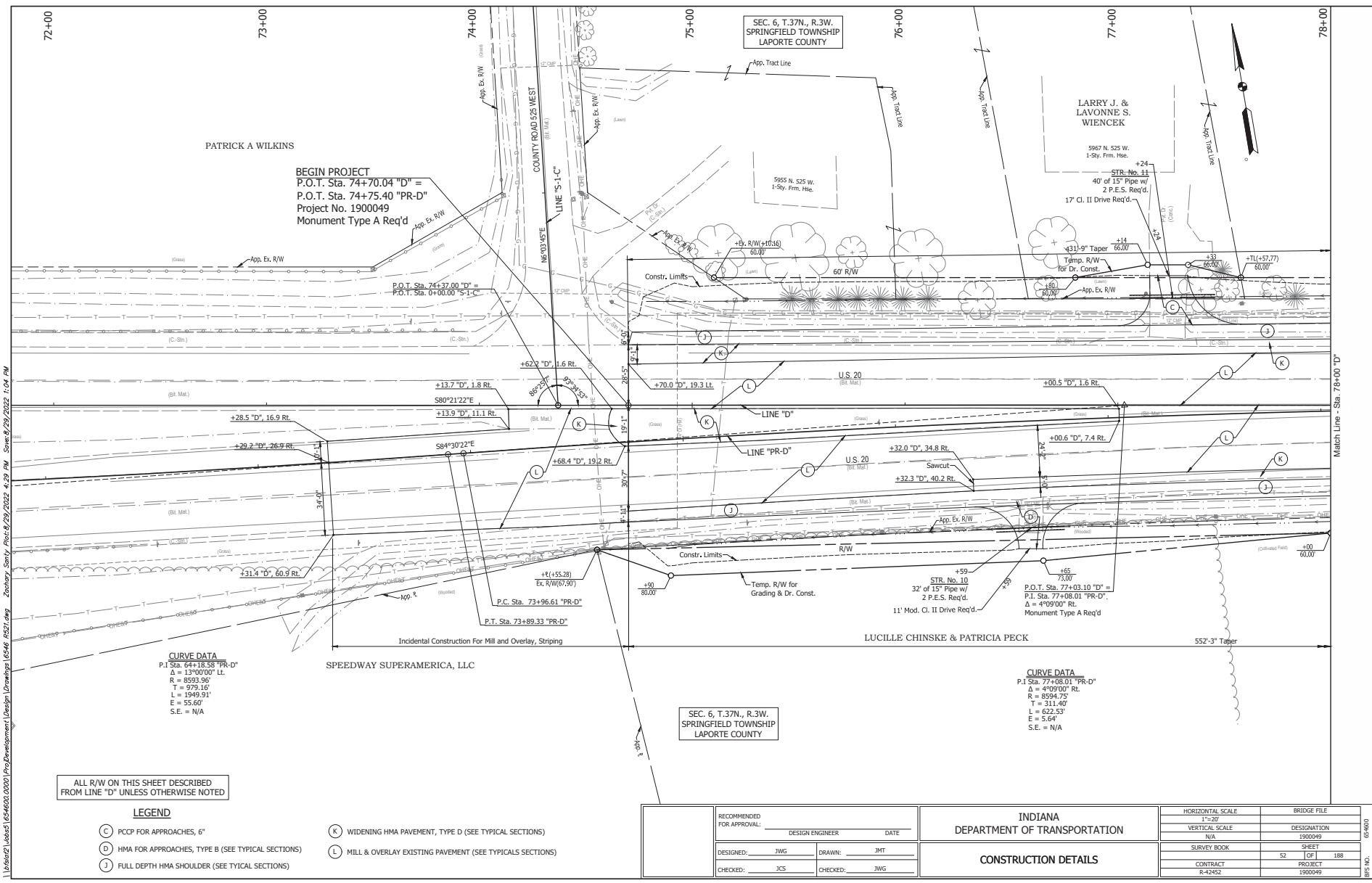
RECOMMENDED FOR APPROVAL:	DESIGN ENGINEER	DATE
DESIGNED: JWG	DRAWN: JMT	
CHECKED: JCS	CHECKED: JWG	

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE

HORIZONTAL SCALE	BRIDGE FILE
1"=50'	DESIGNATION
VERTICAL SCALE	1900049
1"=10'	SHEET
SURVEY BOOK	51 OF 188
CONTRACT	PROJECT
R-42452	1900049

05-0000



BEGIN PROJECT
 P.O.T. Sta. 74+70.04 "D" =
 P.O.T. Sta. 74+75.40 "PR-D"
 Project No. 1900049
 Monument Type A Req'd

CURVE DATA
 P.I. Sta. 64+18.58 "PR-D"
 $\Delta = 13^{\circ}00'00"$ Lt.
 $R = 8583.96'$
 $T = 979.16'$
 $L = 1949.91'$
 $E = 55.60'$
 S.E. = N/A

CURVE DATA
 P.I. Sta. 77+08.01 "PR-D"
 $\Delta = 4^{\circ}09'00"$ Rt.
 $R = 8594.75'$
 $T = 311.40'$
 $L = 622.53'$
 $E = 5.64'$
 S.E. = N/A

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

- LEGEND**
- (C) PCP FOR APPROACHES, 6'
 - (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 BY: JWG	DRAWN BY: JMT		
CHECKED BY: JCS	CHECKED BY: JWG		

INDIANA	
DEPARTMENT OF TRANSPORTATION	
CONSTRUCTION DETAILS	

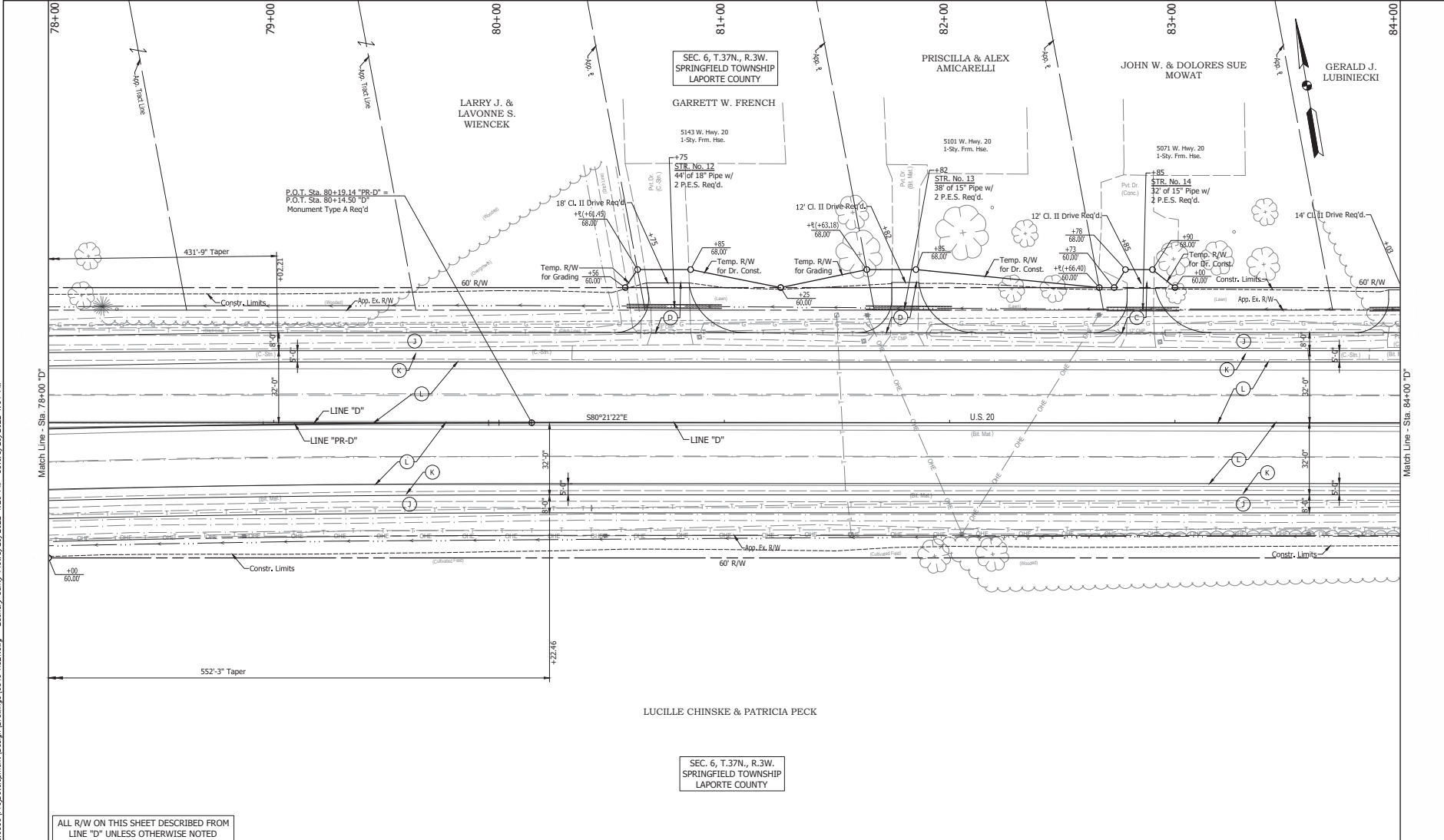
HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION
N/A	1900049
SURVEY BOOK	SHEET
	52 OF 188
CONTRACT	PROJECT
R-42452	1900049

I:\askiz\Jobs\16546002000\Proj\Drawings\Design\Drawings\16546_0251.dwg Z:\askiz\Drawings\16546_0251.dwg Date: 8/29/2022 1:04 PM

Match Line - Sta. 78+00 "D"

05-6000

I:\askin\Jobs\1654602\0200\ProjDevelopment\Design\Drawings\16546_0221.dwg Z:\chry Sanly Plots\8/29/2022 4:29 PM Save/8/29/2022 1:04 PM

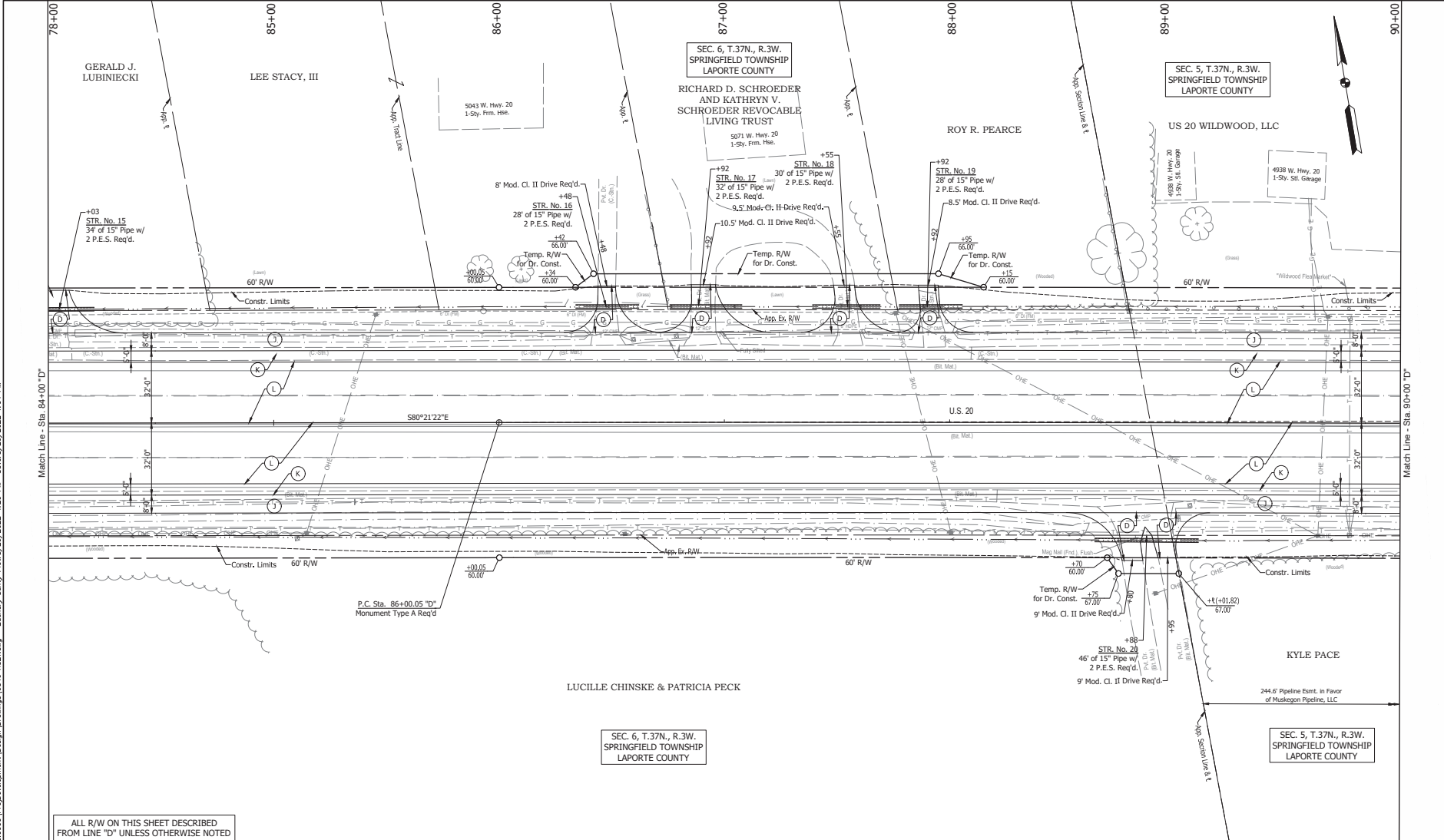


ALL R/W ON THIS SHEET DESCRIBED FROM LINE "D" UNLESS OTHERWISE NOTED

- LEGEND**
- (C) PCP FOR APPROACHES, 6"
 - (K) WIDENING HMA PAVEMENT, TYPE D (SEE TYPICAL SECTIONS)
 - (D) HMA FOR APPROACHES, TYPE B (SEE TYPICAL SECTIONS)
 - (L) MILL & OVERLAY EXISTING PAVEMENT (SEE TYPICAL SECTIONS)
 - (J) FULL DEPTH HMA SHOULDER (SEE TYPICAL SECTIONS)

RECOMMENDED FOR APPROVAL: DESIGN ENGINEER: _____ DATE: _____ DESIGNED: JWG DRAWN: JMT CHECKED: JCS CHECKED: JWG	INDIANA DEPARTMENT OF TRANSPORTATION CONSTRUCTION DETAILS	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE</td> <td>BRIDGE FILE</td> </tr> <tr> <td>VERTICAL SCALE</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>53 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	VERTICAL SCALE	DESIGNATION	N/A	1900049	SURVEY BOOK	SHEET		53 OF 188	CONTRACT	PROJECT	R-42452	1900049
HORIZONTAL SCALE	BRIDGE FILE															
VERTICAL SCALE	DESIGNATION															
N/A	1900049															
SURVEY BOOK	SHEET															
	53 OF 188															
CONTRACT	PROJECT															
R-42452	1900049															

I:\s1612\Jobs\16546002\Proj\Development\Design\Drawings\16546_R221.dwg Zentory Savly Plots: 8/29/2022 4:29 PM Save: 8/29/2022 1:04 PM



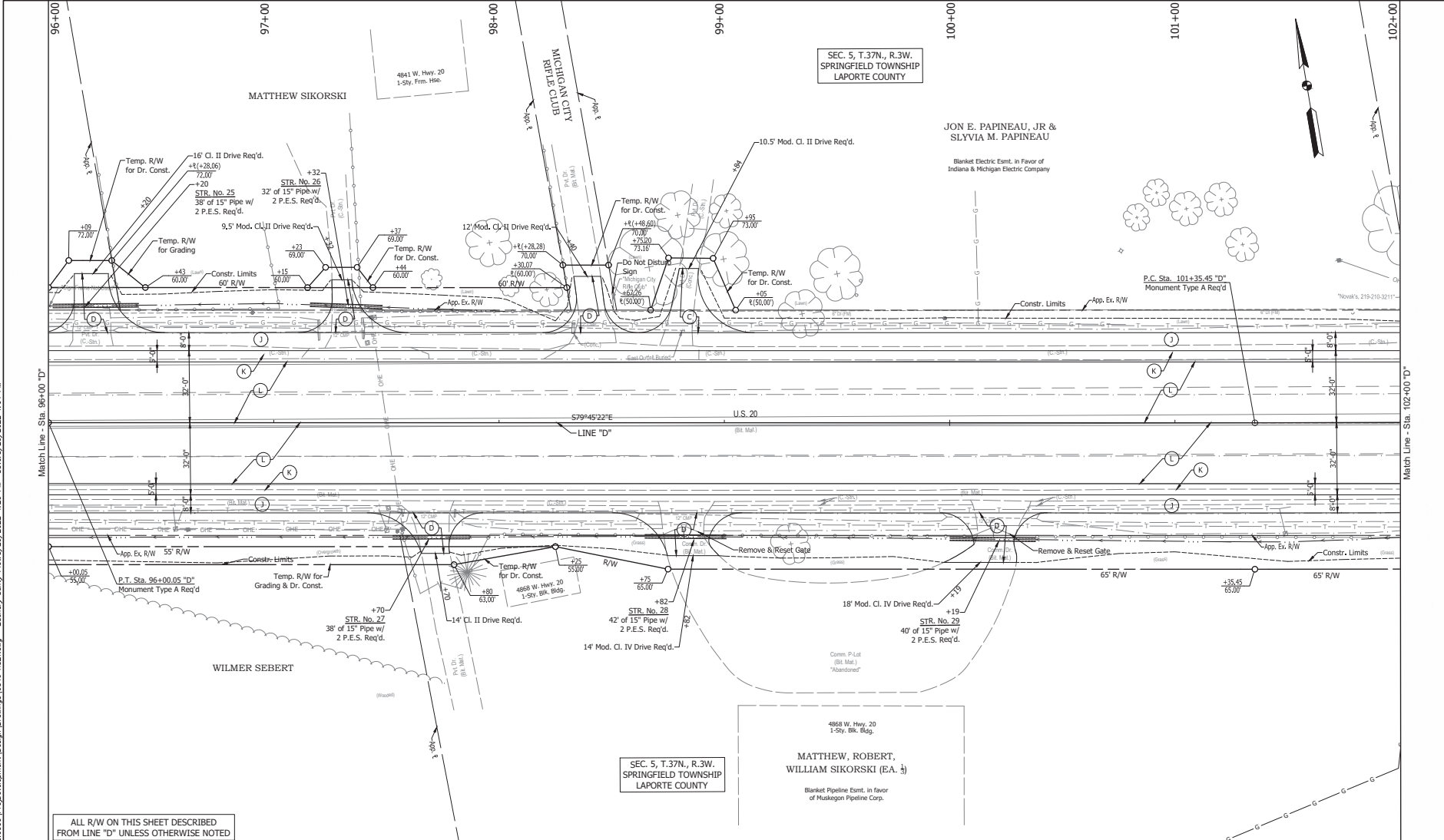
ALL R/W ON THIS SHEET DESCRIBED FROM LINE "D" UNLESS OTHERWISE NOTED

- 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:		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		BRIDGE FILE	
DESIGNED: JWG	DATE:	CONSTRUCTION DETAILS		1"=20'	DESIGNATION		
CHECKED: JCS	DRAWN: JMT			N/A	1900049		
	CHECKED: JWG			SURVEY BOOK		SHEET	
				54		188	
				CONTRACT		PROJECT	
				R-42452		1900049	

05-6000

I:\askin\Jobs\1654602\0200\Proj\Development\Design\Drawings\16546_R221.dwg Zecher Stutz Pkts 8/29/2022 4:29 PM Save 8/29/2022 1:04 PM



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

- LEGEND**
- (C) PCCP FOR APPROACHES, 6"
 - (D) HMA FOR APPROACHES, TYPE B (SEE TYPICAL SECTIONS)
 - (I) FULL DEPTH HMA SHOULDER (SEE TYPICAL SECTIONS)
 - (K) WIDENING HMA PAVEMENT, TYPE D (SEE TYPICAL SECTIONS)
 - (L) MILL & OVERLAY EXISTING PAVEMENT (SEE TYPICAL SECTIONS)

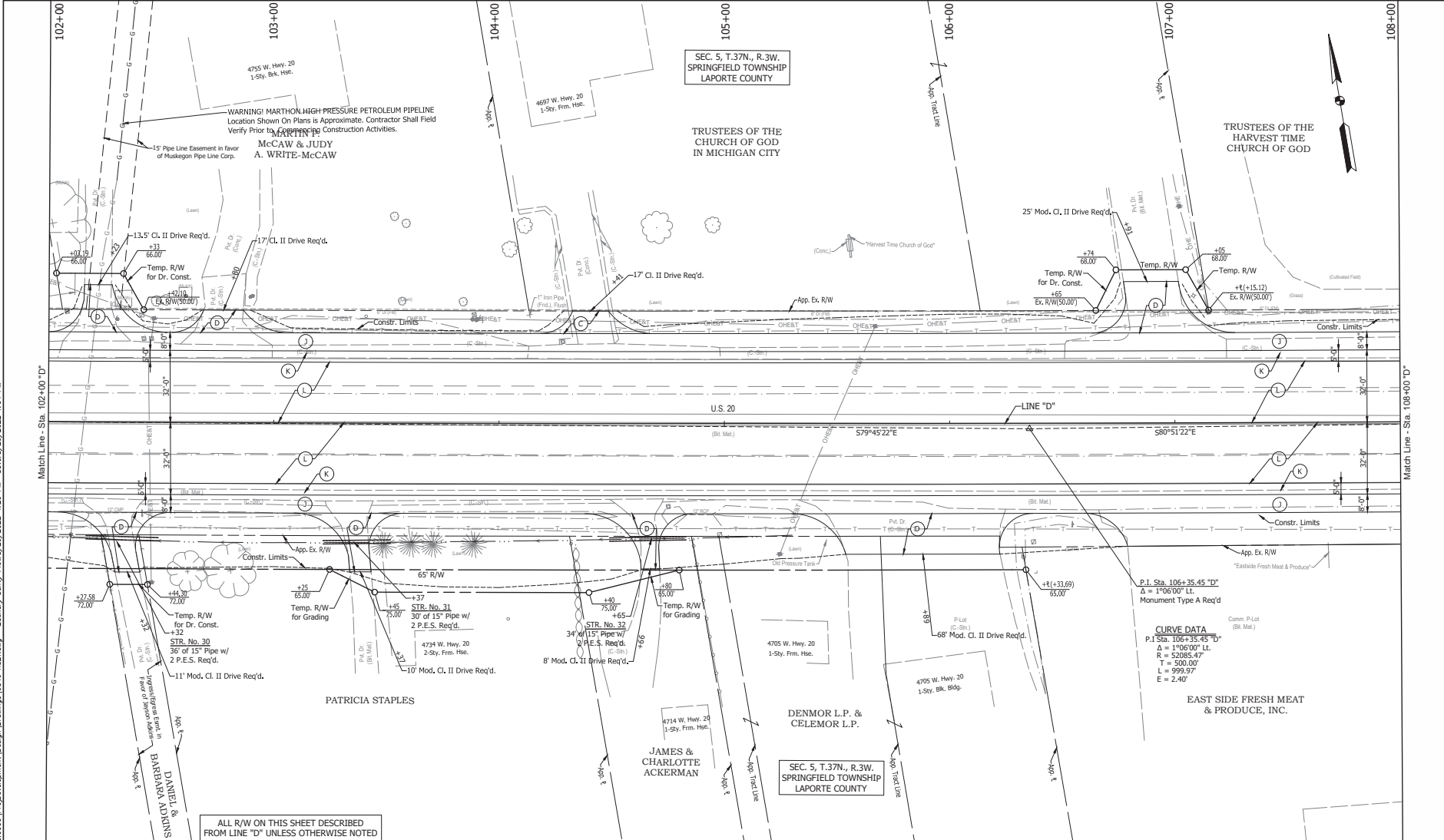
RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER	DATE
DESIGNED: JWG	DRAWN: JMT		
CHECKED: JCS	CHECKED: JWG		

INDIANA	
DEPARTMENT OF TRANSPORTATION	
CONSTRUCTION DETAILS	

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

05-6000

I:\s1612\Jobs\1654602\0200\Proj\Development\Design\Drawings\16546_R221.dwg Zecher_Savry_Plot:8/29/2022 4:29 PM Save:8/29/2022 1:04 PM



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

- LEGEND**
- (C) PC/P FOR APPROACHES, 6"
 - (D) HMA FOR APPROACHES, TYPE B (SEE TYPICAL SECTIONS)
 - (J) FULL DEPTH HMA SHOULDER (SEE TYPICAL SECTIONS)
 - (L) MILL & OVERLAY EXISTING PAVEMENT (SEE TYPICAL SECTIONS)
 - (K) WIDENING HMA PAVEMENT, TYPE D (SEE TYPICAL SECTIONS)

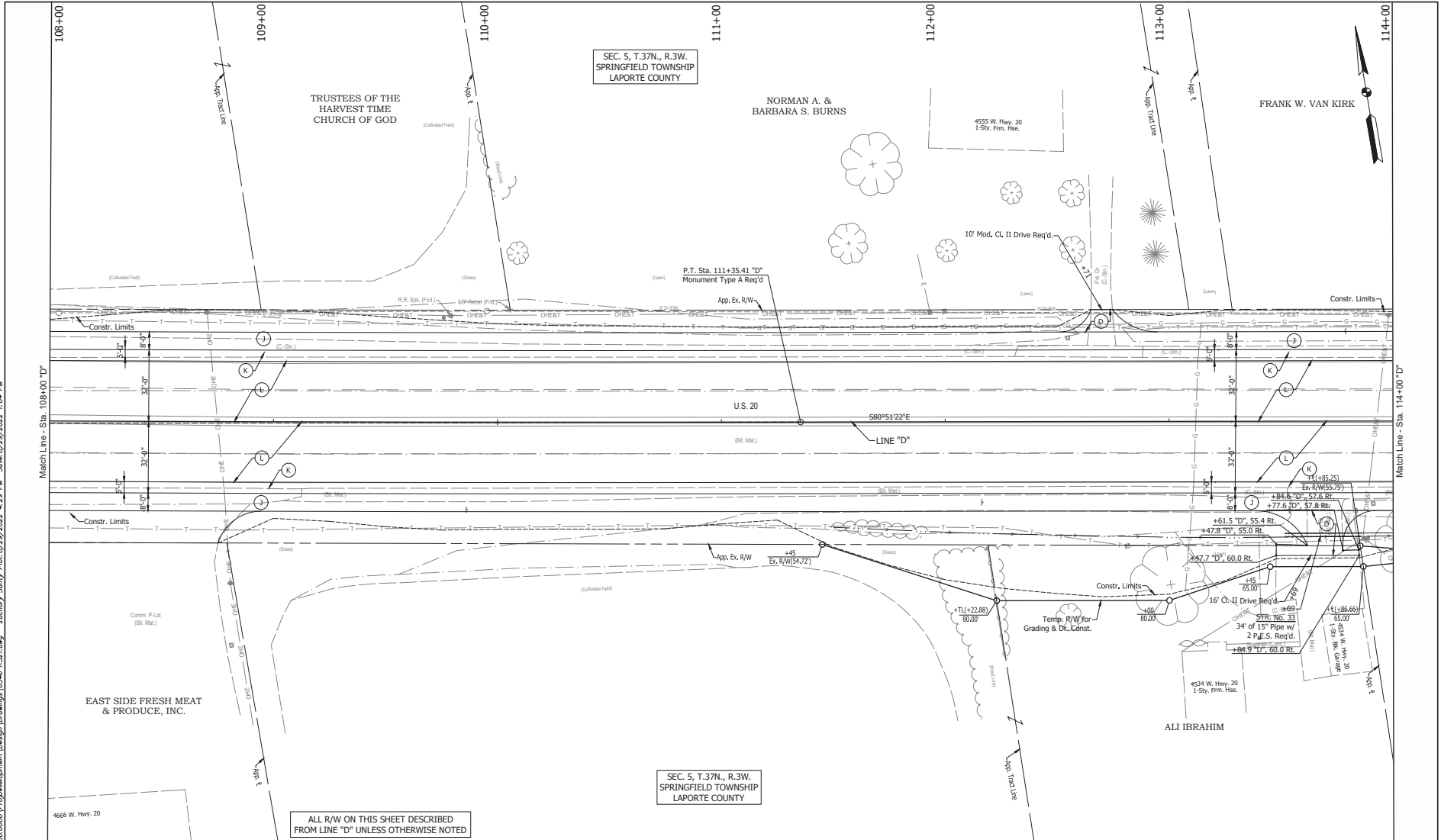
RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER	DATE
DESIGNED: JWG	DRAWN: JMT		
CHECKED: JCS	CHECKED: JWG		

INDIANA	
DEPARTMENT OF TRANSPORTATION	
CONSTRUCTION DETAILS	

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION
N/A	1900049
SURVEY BOOK	SHEET
57	188
CONTRACT	PROJECT
R-42452	1900049

CURVE DATA
 P.I. Sta. 106+35.45 "D"
 $\Delta = 1^{\circ}06'00"$ LT
 R = 52085.47'
 T = 500.00'
 L = 999.97'
 E = 2.40'

I:\s1612\Jobs1\654602.000\Proj\Development\Design\Drawings\6546_6221.dwg Zecher Sarty Plots 8/29/2022 4:29 PM Save 8/29/2022 1:04 PM



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)

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

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

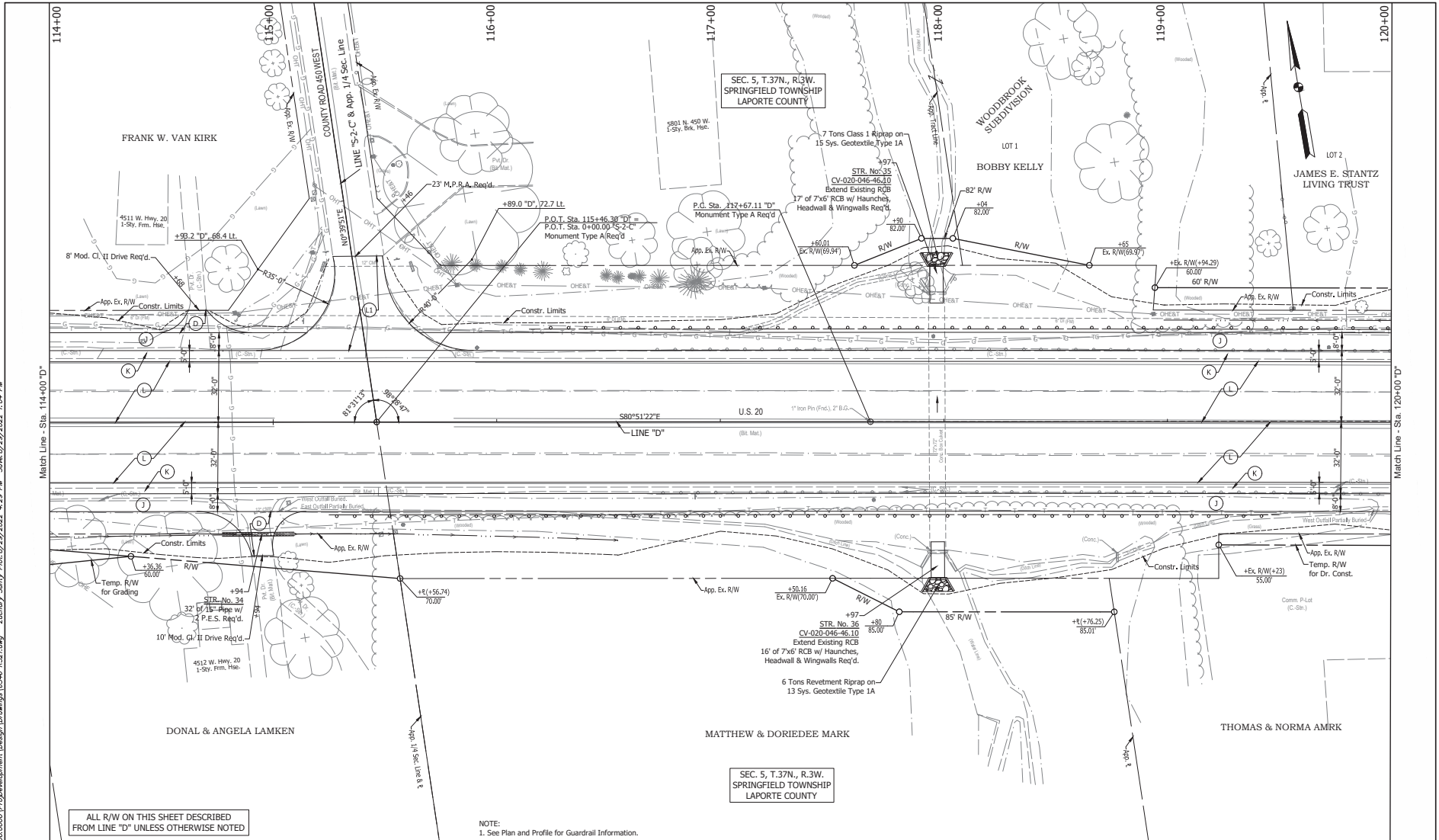
RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER	DATE
DESIGNED: JWG	DRAWN: JMT		
CHECKED: JCS	CHECKED: JWG		

INDIANA DEPARTMENT OF TRANSPORTATION	
CONSTRUCTION DETAILS	

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

65-6000

I:\s1612\Jobs\16546002\0200\Proj\Development\Design\Drawings\16546_R251.dwg Zentory Sanly Plots 8/29/2022 4:29 PM Save 8/29/2022 1:04 PM



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

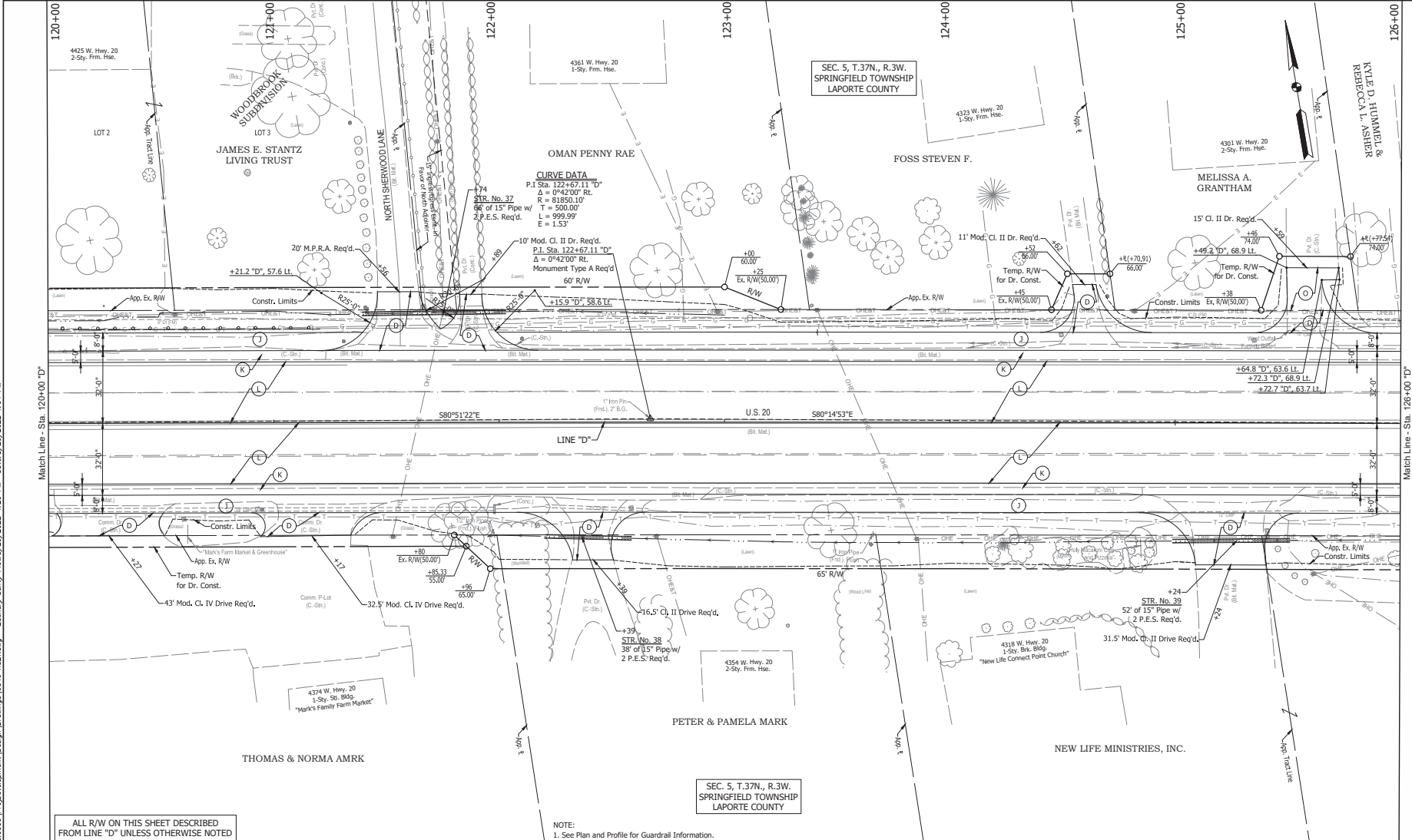
NOTE:
1. See Plan and Profile for Guardrail Information.

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)
- (LL) HMA FOR APPROACHES, TYPE B

<p>RECOMMENDED FOR APPROVAL:</p> <p>DESIGN ENGINEER: _____ DATE: _____</p> <p>DESIGNED: JWG DRAWN: JMT</p> <p>CHECKED: JCS CHECKED: JWG</p>	<p>INDIANA</p> <p>DEPARTMENT OF TRANSPORTATION</p> <p>CONSTRUCTION DETAILS</p>	<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>VERTICAL SCALE</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>59</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	VERTICAL SCALE	DESIGNATION	N/A	1900049	SURVEY BOOK	SHEET	59	188	CONTRACT	PROJECT	R-42452	1900049
HORIZONTAL SCALE	BRIDGE FILE															
VERTICAL SCALE	DESIGNATION															
N/A	1900049															
SURVEY BOOK	SHEET															
59	188															
CONTRACT	PROJECT															
R-42452	1900049															

I:\askbz1\Jobs\1654602.000\Proj\Development\Design\Drawings\16546_R221.dwg Zentech Staff Plots: 8/29/2022 4:29 PM Save: 8/29/2022 1:04 PM



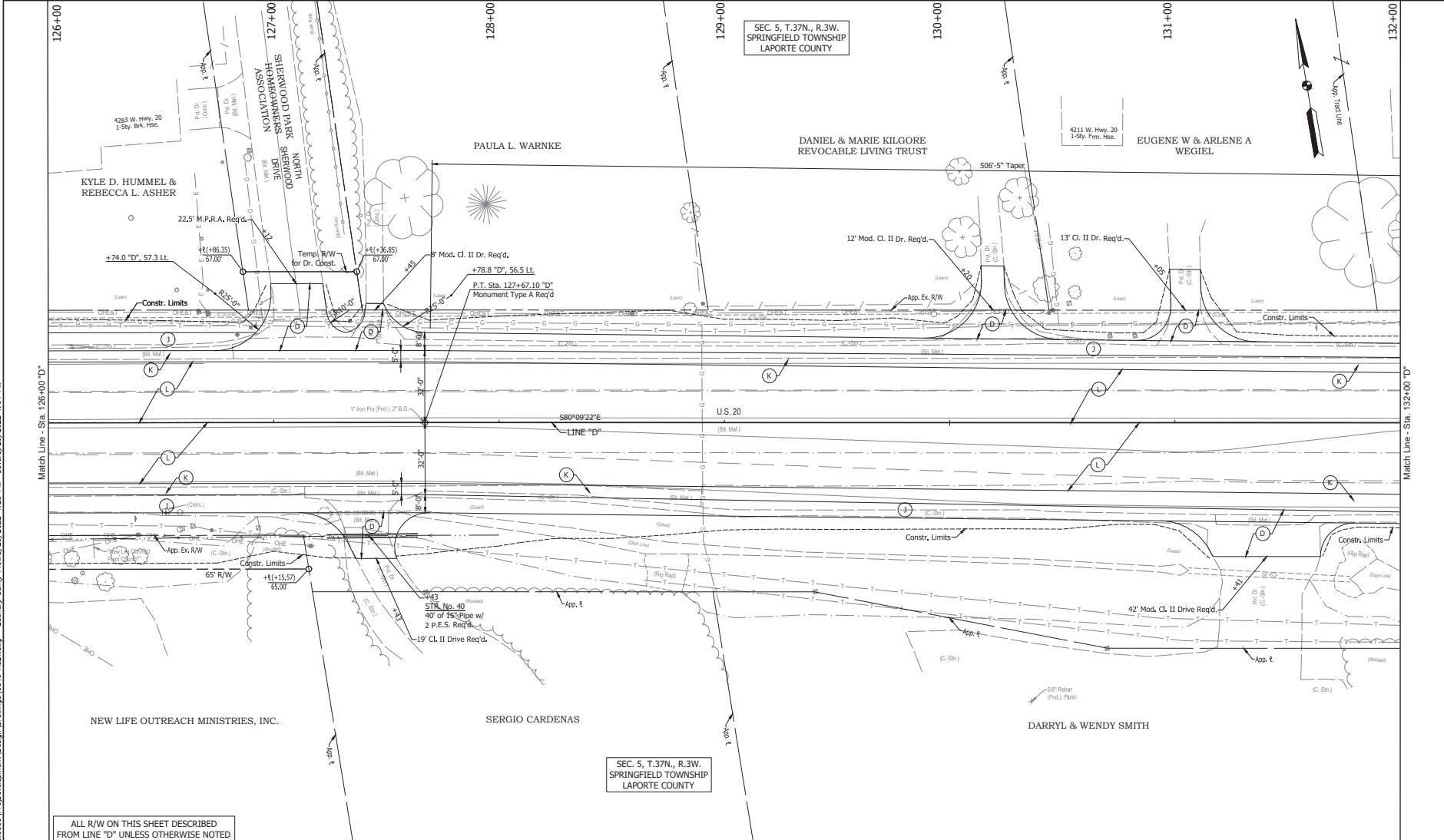
ALL R/W ON THIS SHEET DESCRIBED FROM LINE "D" UNLESS OTHERWISE NOTED

- 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)
 - (O) COMPACTED AGGREGATE NO. 53

NOTE:
1. See Plan and Profile for Guardrail Information.

RECOMMENDED FOR APPROVAL: DESIGN ENGINEER: _____ DATE: _____ DESIGNED: JWG DRAWN: JMT CHECKED: JCS CHECKED: JWG	INDIANA DEPARTMENT OF TRANSPORTATION CONSTRUCTION DETAILS	<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>1"=20'</td> <td></td> </tr> <tr> <td>VERTICAL SCALE</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>60</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	1"=20'		VERTICAL SCALE	DESIGNATION	N/A	1900049	SURVEY BOOK	SHEET	60	188	CONTRACT	PROJECT	R-42452	1900049
HORIZONTAL SCALE	BRIDGE FILE																	
1"=20'																		
VERTICAL SCALE	DESIGNATION																	
N/A	1900049																	
SURVEY BOOK	SHEET																	
60	188																	
CONTRACT	PROJECT																	
R-42452	1900049																	

I:\s1612\Jobs\1654602\0200\ProjDevelopment\Design\Drawings\6546_R221.dwg Zentory Sanly Plots 8/29/2022 4:29 PM Save 8/29/2022 1:04 PM



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

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)

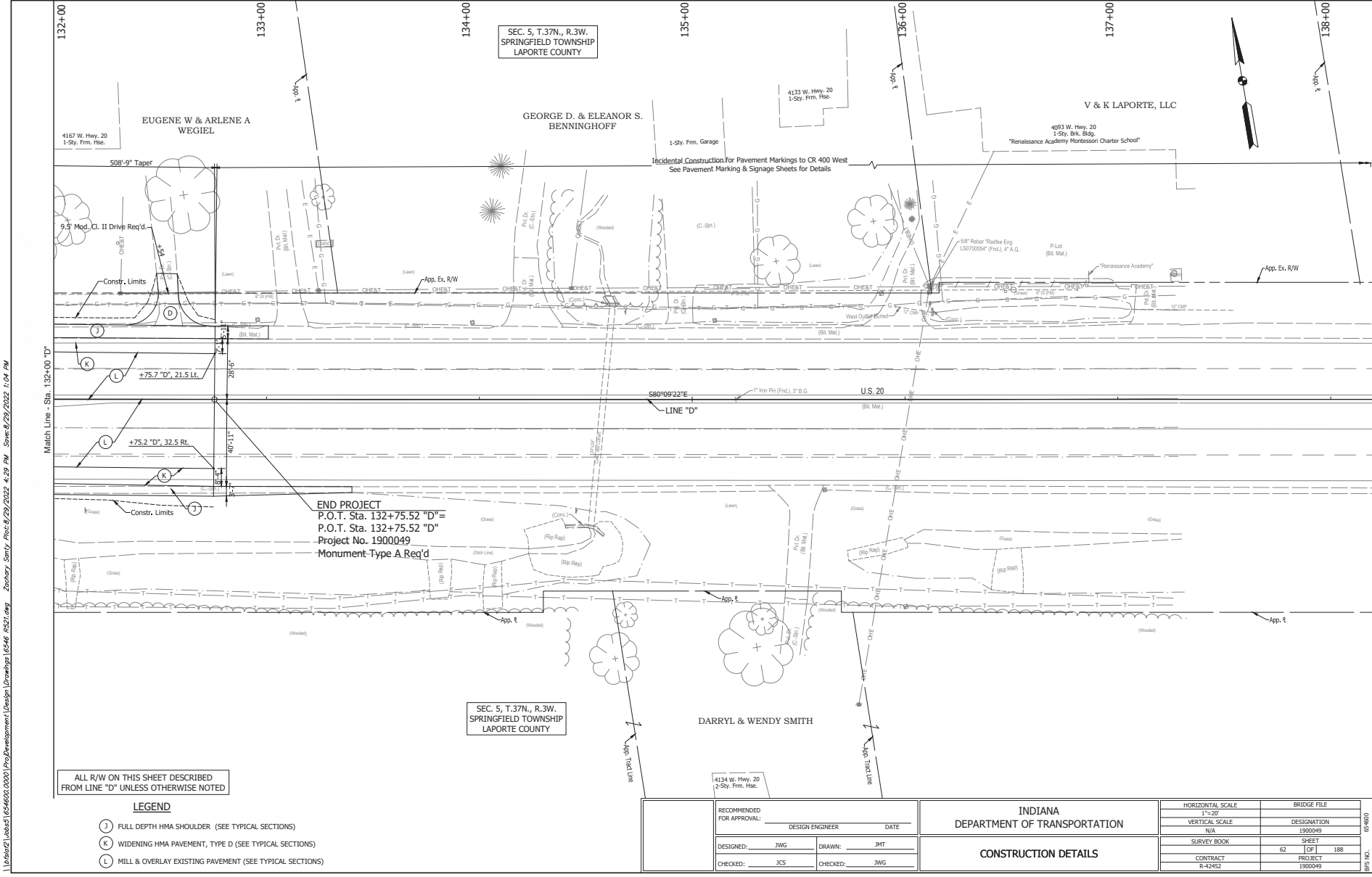
RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER	DATE
DESIGNED:	JWG	DRAWN:	JMT
CHECKED:	JCS	CHECKED:	JWG

INDIANA DEPARTMENT OF TRANSPORTATION	
CONSTRUCTION DETAILS	

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION
N/A	1900049
SURVEY BOOK	SHEET
61	188
CONTRACT	PROJECT
R-42452	1900049

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

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



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

GEORGE D. & ELEANOR S.
BENNINGHOFF

V & K LAPORTE, LLC

EUGENE W & ARLENE A
WEGIEL

DARRYL & WENDY SMITH

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

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

LEGEND

- (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)

END PROJECT
P.O.T. Sta. 132+75.52 "D"
P.O.T. Sta. 132+75.52 "D"
Project No. 1900049
Monument Type A Req'd

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

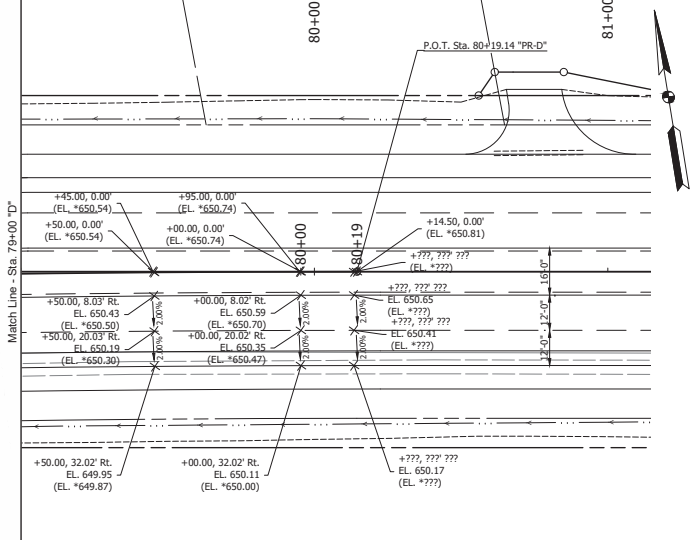
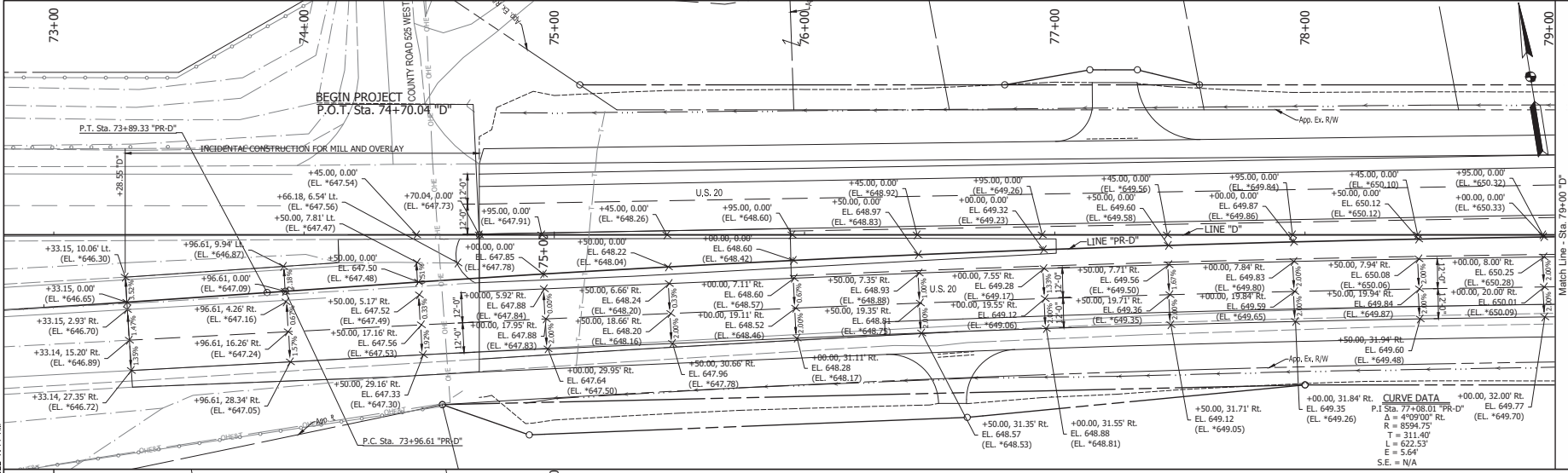
INDIANA DEPARTMENT OF TRANSPORTATION	
CONSTRUCTION DETAILS	

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION
N/A	1900049
SURVEY BOOK	SHEET
62	188
CONTRACT	PROJECT
R-42452	1900049

I:\s1612\16121\16546\02\0201\Proj\Development\Design\Drawings\16546_0201.dwg Zentech Staff Plots: 8/29/2022 4:29 PM Scale: 8/29/2022 1:04 PM

05-6000

I:\askiz\lobos\1654602.000\Project\Development\Design\Drawings\16546_054.dwg Zorothy Savitri Plots 8/29/2022 4:30 PM Save 8/22/2022 2:44 AM



LEGEND

+Sta., Offset
Proposed Elevation
(Existing *Elevation)

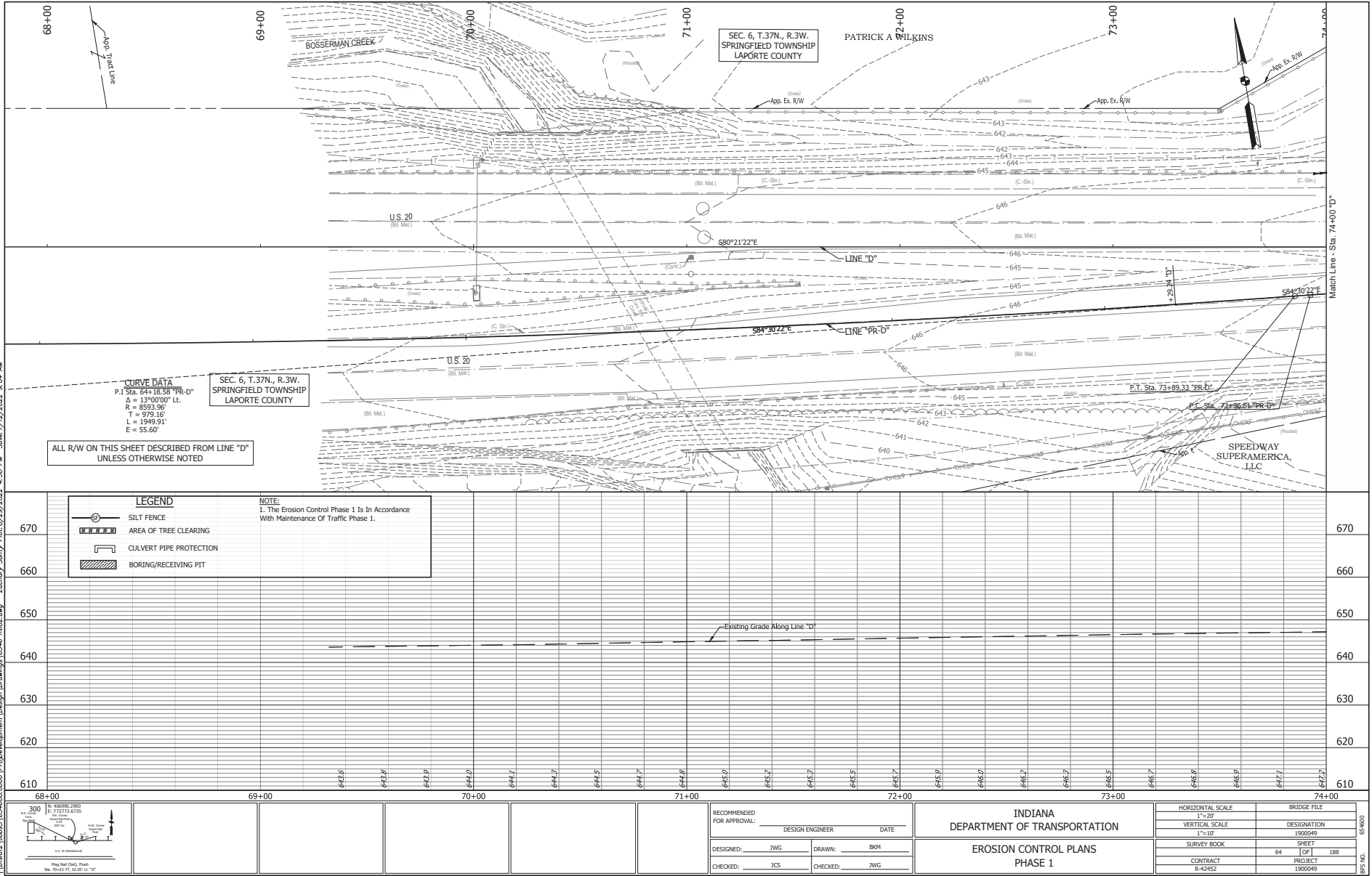
NOTE:

- All Stations, Offsets, and Spot Elevations Are From Line "PR-D" With The Exception Of The Labels Directly On Line "D".
- For Spot Elevation Labels That Only List An Existing Elevation, The Proposed Elevation Shall Match The Existing Elevation.

RECOMMENDED FOR APPROVAL: DESIGN ENGINEER: _____ DATE: _____ DESIGNED: JWG DRAWN: DRM CHECKED: JCS CHECKED: JWG	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
	SPOT ELEVATIONS		VERTICAL SCALE	DESIGNATION
			N/A	1900049
		SURVEY BOOK	63	SHEET 188
		CONTRACT	R-42452	PROJECT 1900049

05-6000
BPS NO.

I:\Projects\2022\2022-02-04_M\Zachary_Smyth\2022-02-04_M\Zachary_Smyth\2022-02-04_M\Drawings\2022-02-04_M\2022-02-04_M.dwg



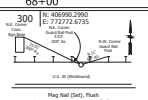
CURVE DATA
 P.I. Sta. 64+18.58 "PR-D"
 Δ = 13°00'00" LL
 R = 8593.96'
 T = 979.16'
 L = 1949.01'
 E = 55.60'

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

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

LEGEND	
	SILT FENCE
	AREA OF TREE CLEARING
	CULVERT PIPE PROTECTION
	BORING/RECEIVING PIT

NOTE:
 1. The Erosion Control Phase 1 Is In Accordance
 With Maintenance Of Traffic Phase 1.

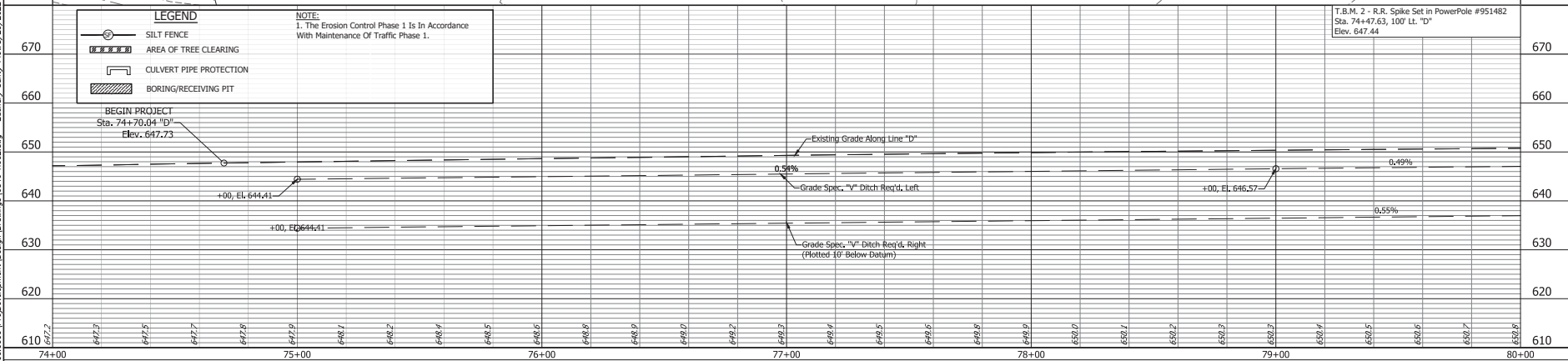
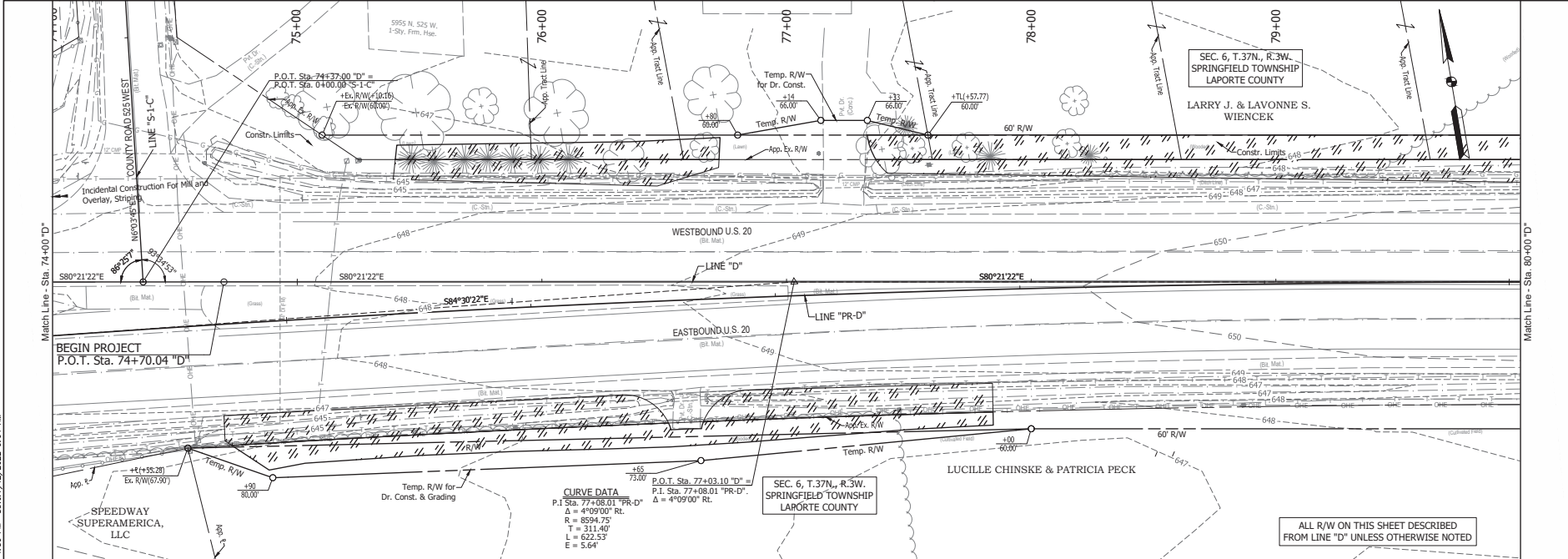


RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER	DATE
DESIGNED: JWG	DRAWN: BKM		
CHECKED: JCS	CHECKED: JWG		

INDIANA
 DEPARTMENT OF TRANSPORTATION
 EROSION CONTROL PLANS
 PHASE 1

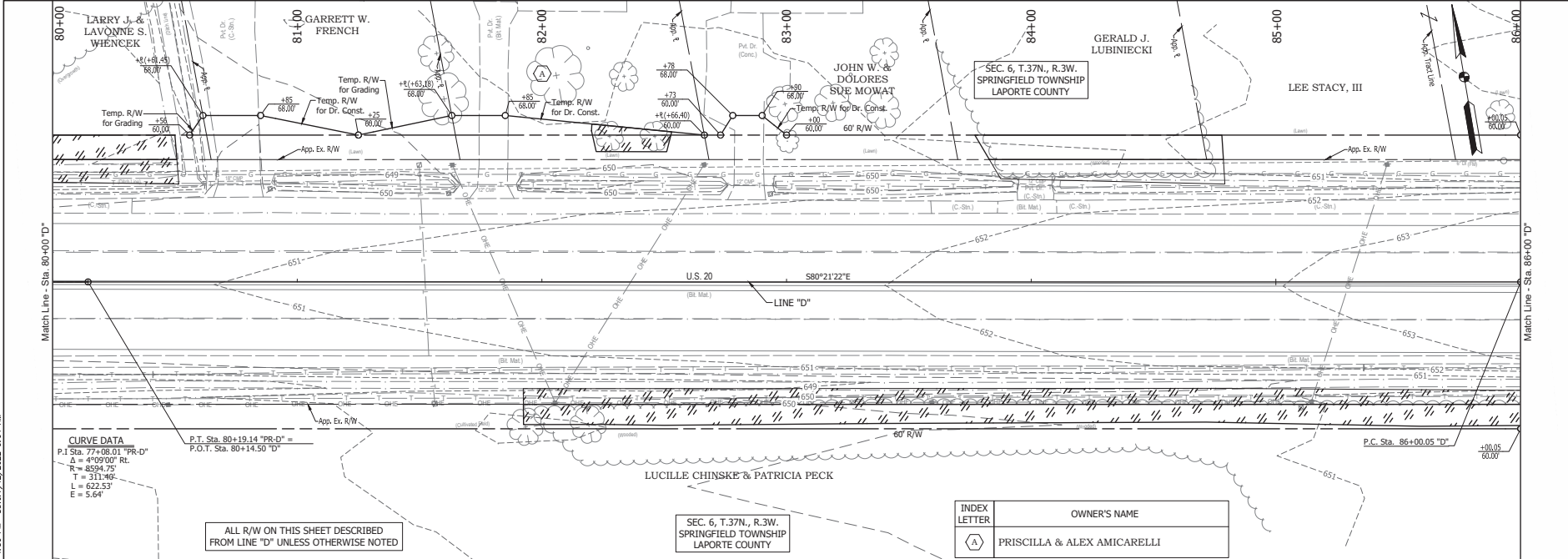
HORIZONTAL SCALE	BRIDGE FILE
1"=50'	
VERTICAL SCALE	DESIGNATION
1"=10'	1900049
SURVEY BOOK	SHEET
64	188
CONTRACT	PROJECT
R-42452	1900049

I:\Projects\1654000\1654000_0000\ProjectDevelopment\Design\Drawings\16546_16002.dwg Zecher_Samy_Plot-8/29/2022 4:30 PM Save:7/12/2022 8:04 AM



			INDIANA DEPARTMENT OF TRANSPORTATION
	RECOMMENDED FOR APPROVAL: DESIGN ENGINEER: _____ DATE: _____ DRAWN: BKM CHECKED: JCS	DESIGNER: _____ DATE: _____ DRAWN: BKM CHECKED: JWG	EROSION CONTROL PLANS PHASE 1
			BRIDGE FILE DESIGNATION: 1900049 SHEET: 65 OF 188 PROJECT: 1900049

I:\Projects\1654000\1654000_0000\ProjectDevelopment\Design\Drawings\1654000_0000.dwg Zachary Sany Plot: 8/29/2023 4:30 PM Save: 7/12/2022 8:04 AM



CURVE DATA
 P.I. Sta. 77+08.01 "PR-D"
 Δ = 4°09'00" Rt.
 R = 6334.75'
 T = 311.46'
 L = 622.53'
 E = 5.64'

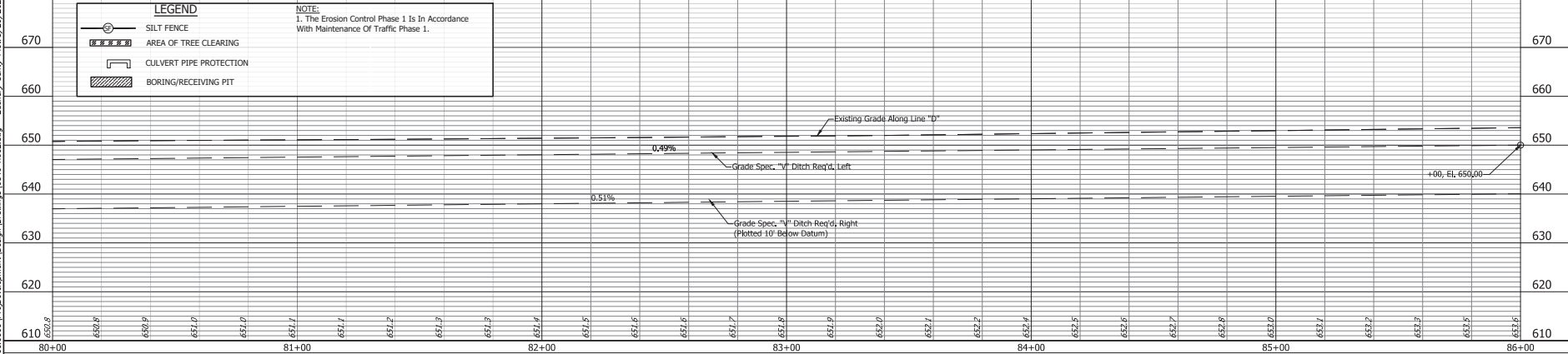
ALL R/W ON THIS SHEET DESCRIBED FROM LINE "D" UNLESS OTHERWISE NOTED

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

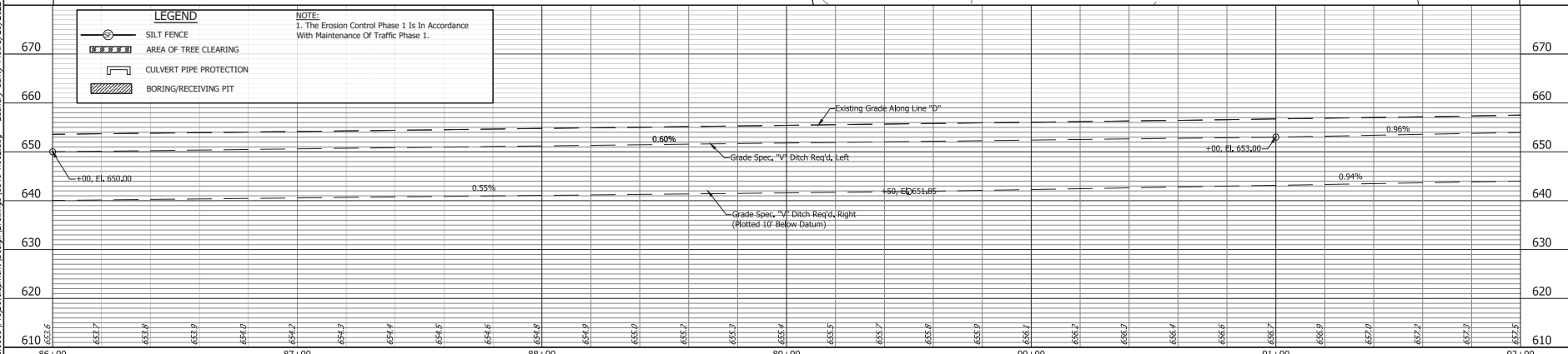
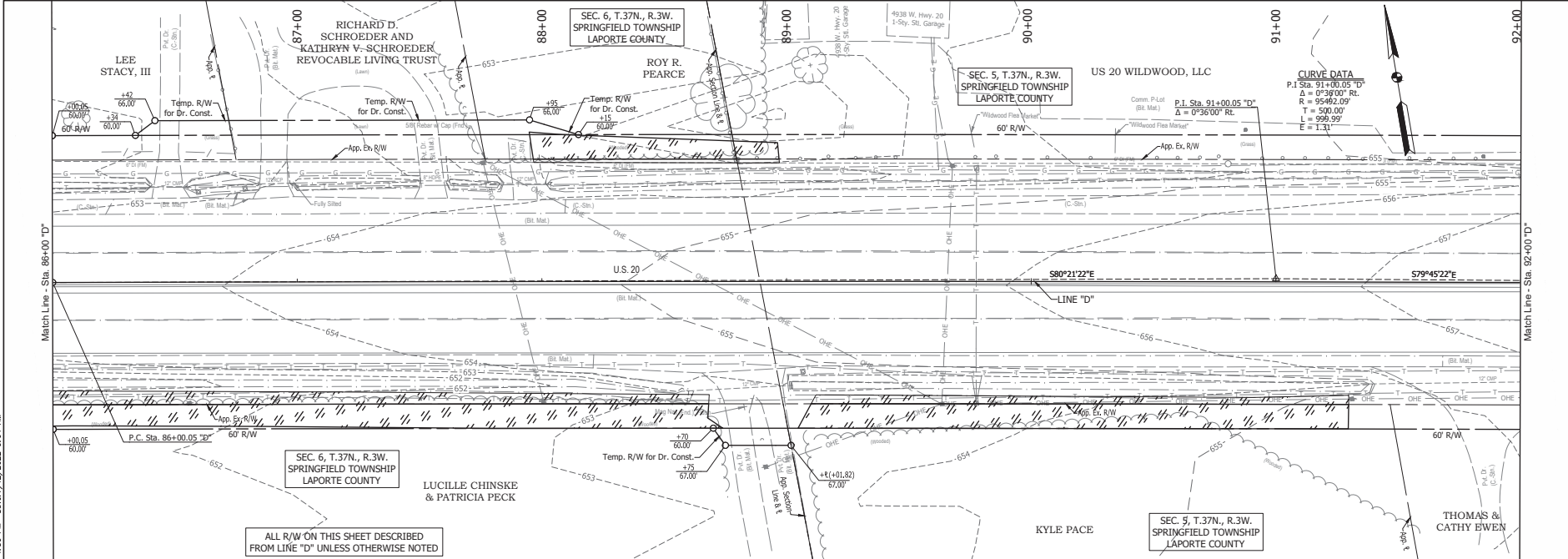
INDEX LETTER	OWNER'S NAME
A	PRISCILLA & ALEX AMICARELLI

LEGEND	
	SILT FENCE
	AREA OF TREE CLEARING
	CULVERT PIPE PROTECTION
	BORING/RECEIVING PIT

NOTE:
 1. The Erosion Control Phase 1 Is In Accordance With Maintenance Of Traffic Phase 1.



I:\Projects\2022\02022-0200\ProgramDevelopment\Design\Drawings\6546-02022-0200.dwg Zephyr_Smy Plot:8/29/2022 4:30 PM Save:7/12/2022 8:04 AM



LEGEND	
	SILT FENCE
	AREA OF TREE CLEARING
	CULVERT PIPE PROTECTION
	BORING/RECEIVING PIT

NOTE:
1. The Erosion Control Phase 1 Is In Accordance With Maintenance Of Traffic Phase 1.

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

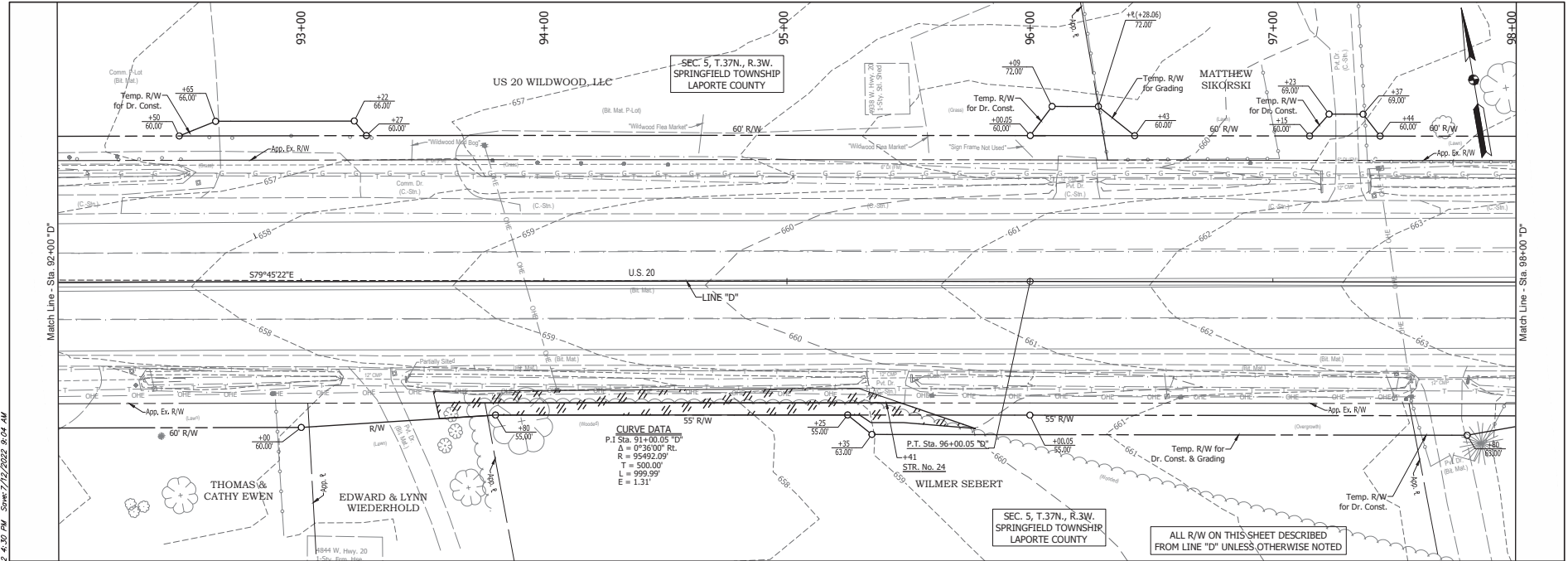


RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER	DATE
DESIGNED: JWG	DRAWN: BKM		
CHECKED: JCS	CHECKED: JWG		

INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLANS
PHASE 1

HORIZONTAL SCALE	BRIDGE FILE
1"=50'	DESIGNATION
VERTICAL SCALE	1900049
1"=10'	
SURVEY BOOK	SHEET
67	188
CONTRACT	PROJECT
R-42452	1900049



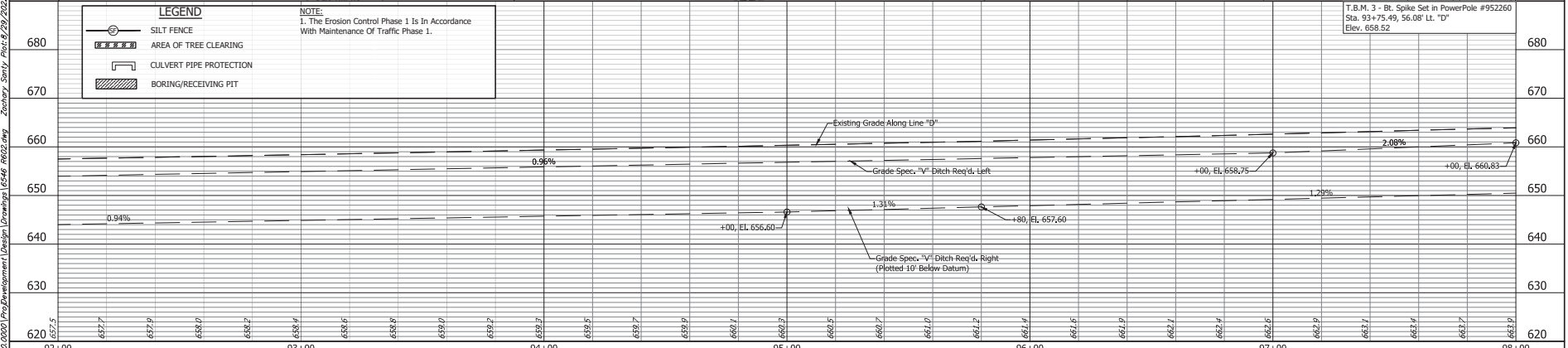
CURVE DATA
 P.I. Sta. 91+00.05 "D"
 $\Delta = 0^\circ 36' 00''$ Rt.
 $R = 95492.09'$
 $T = 500.00'$
 $L = 999.99'$
 $E = 1.31'$

LEGEND	
	SILT FENCE
	AREA OF TREE CLEARING
	CULVERT PIPE PROTECTION
	BORING/RECEIVING PIT

NOTE:
 1. The Erosion Control Phase 1 Is In Accordance With Maintenance Of Traffic Phase 1.

T.B.M. 3 - Bt. Spike Set in Power Pole #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



304
 E: 96628.9375
 E: 774951.9086
 1/4" = 100'

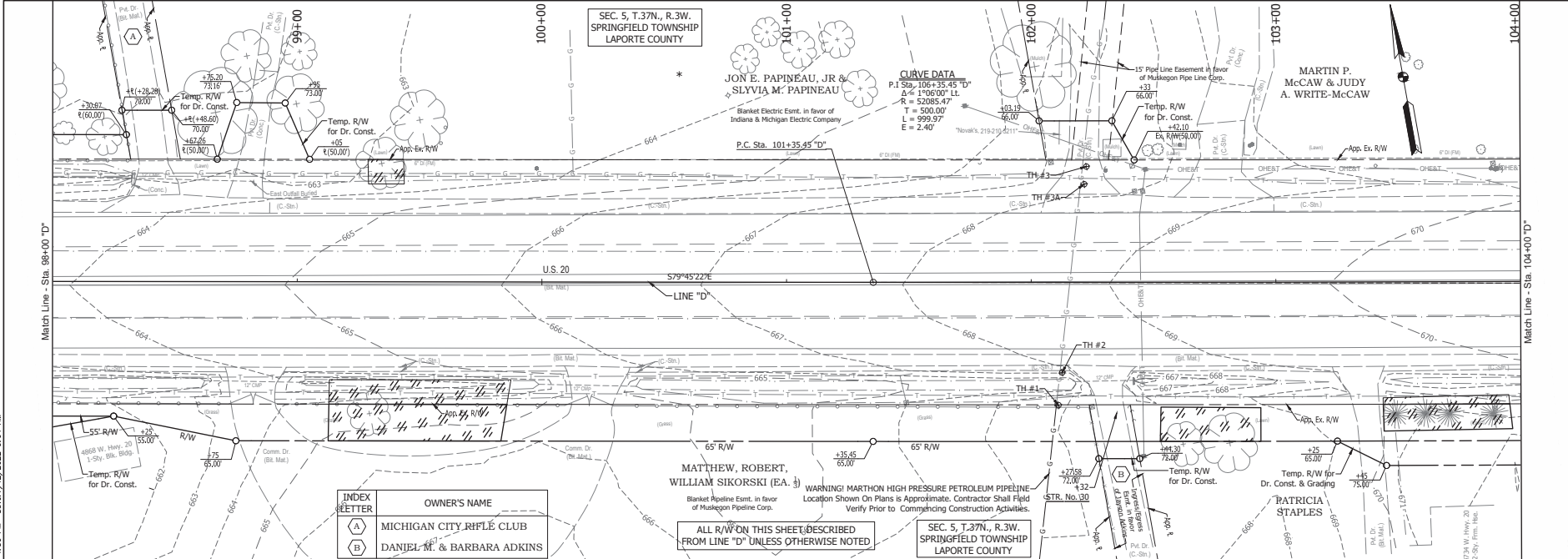
RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER	DATE
DESIGNED: JWG	DRAWN: BKM		
CHECKED: JCS	CHECKED: JWG		

INDIANA
 DEPARTMENT OF TRANSPORTATION
 EROSION CONTROL PLANS
 PHASE 1

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

I:\Projects\1654600\0001\Project\Drawings\Design\Drawings\16546_0002.dwg Zecher Sany Date: 8/29/2022 4:30 PM Save: 7/12/2022 8:04 AM

I:\Projects\1654000\000\ProjectDevelopment\Design\Drawings\16546\16546_0002.dwg Zephyr_Smyr Date: 8/29/2023 4:30 PM Save: 7/12/2023 8:04 AM



INDEX LETTER	OWNER'S NAME
A	MICHIGAN CITY RIFLE CLUB
B	DANIEL R. & BARBARA ADKINS

MATTHEW, ROBERT, WILLIAM SIKORSKI (EA. 3)

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

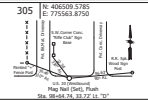
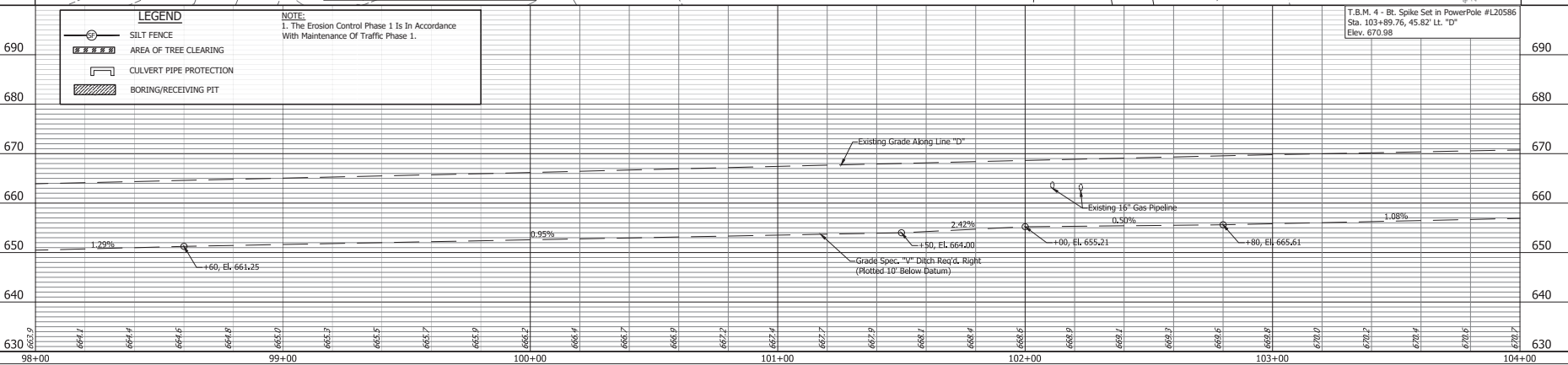
SEC. 5, T.37N., R.3W. SPRINGFIELD TOWNSHIP LAPORTE COUNTY

LEGEND

	SILT FENCE
	AREA OF TREE CLEARING
	CULVERT PIPE PROTECTION
	BORING/RECEIVING PIT

NOTE:
1. The Erosion Control Phase 1 Is In Accordance With Maintenance Of Traffic Phase 1.

T.B.M. 4 - Bt. Spike Set in PowerPole #L20586 Sta. 103+89.76, 45.82' Lt. "D" Elev. 670.98



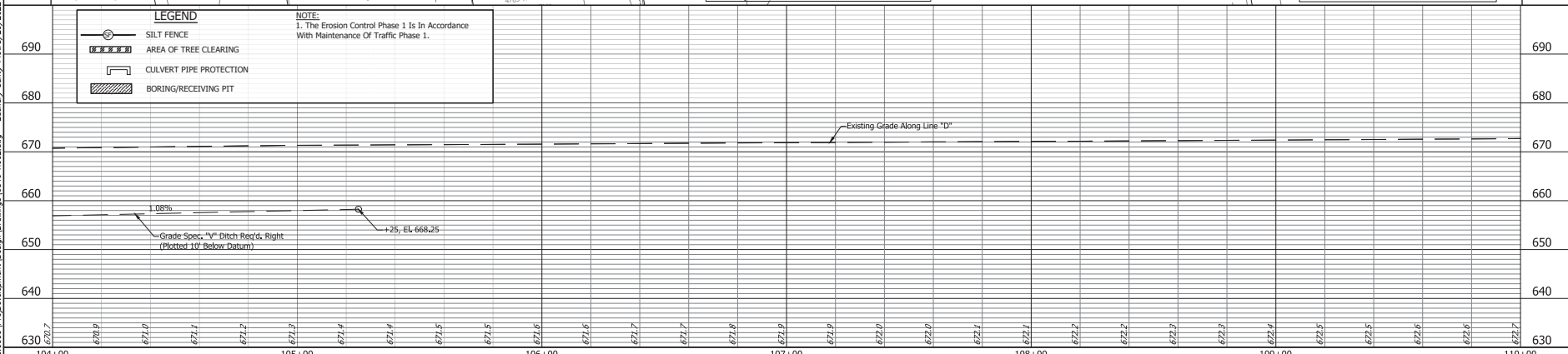
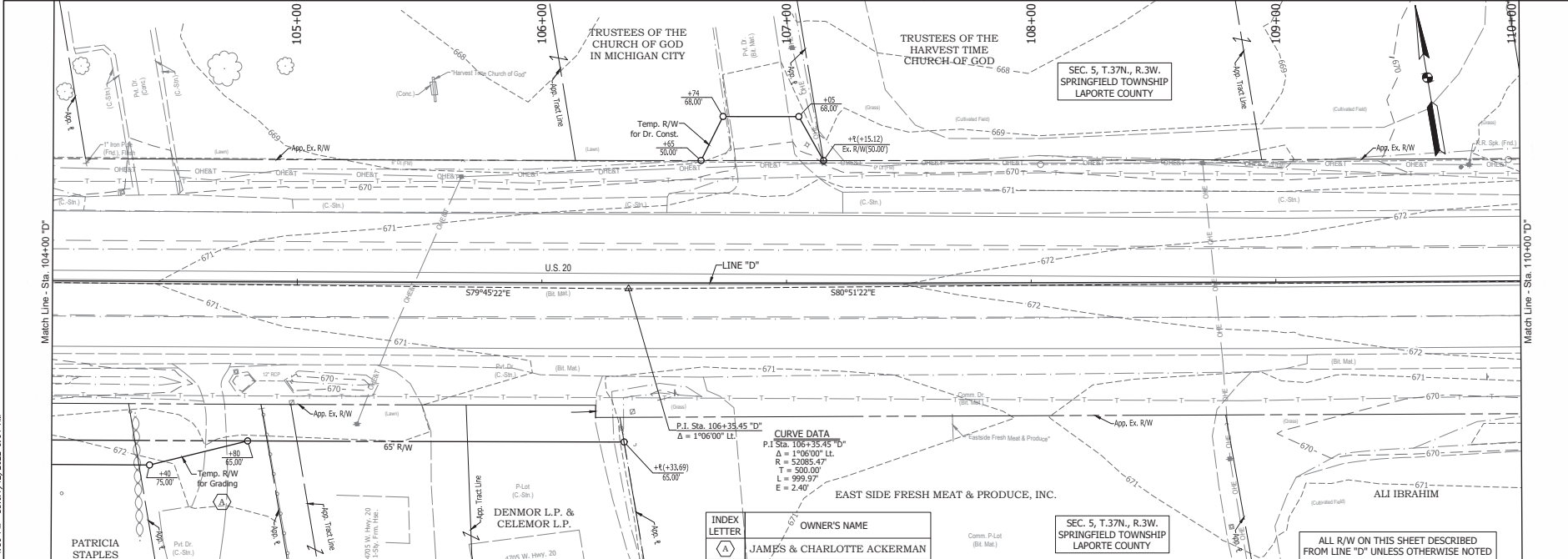
RECOMMENDED FOR APPROVAL:

DESIGNED: JWG	DRAWN: BKM	DATE:
CHECKED: JCS	CHECKED: JWG	

INDIANA DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLANS
PHASE 1

HORIZONTAL SCALE 1"=30'	BRIDGE FILE
VERTICAL SCALE 1"=10'	DESIGNATION 1900049
SURVEY BOOK 69	SHEET 188
CONTRACT R-42452	PROJECT 1900049

I:\asker\lobes\1654000\Proj\Development\Design\Drawings\16546\16546_16022.dwg Zephyr_Smyr_Plot-8/29/2023 4:30 PM Save:7/12/2022 8:04 AM

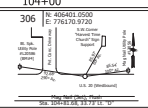


NOTE:
1. The Erosion Control Phase 1 Is In Accordance With Maintenance Of Traffic Phase 1.

INDEX LETTER	OWNER'S NAME
A	JAMES & CHARLOTTE ACKERMAN

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

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



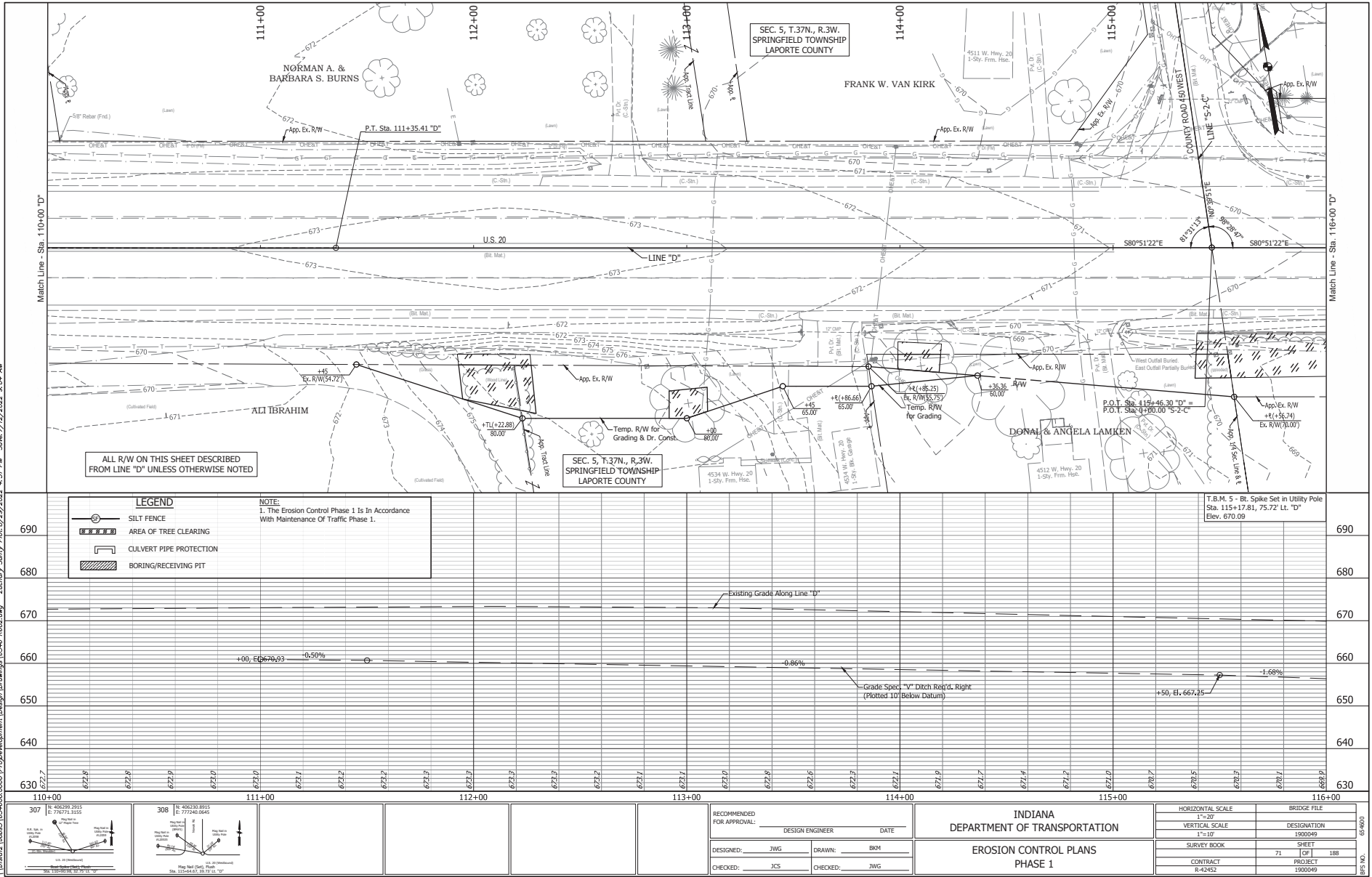
RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER	DATE
DESIGNED: JWG	DRAWN: BKM		
CHECKED: JCS	CHECKED: JWG		

INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLANS
PHASE 1

HORIZONTAL SCALE	BRIDGE FILE
1"=50'	DESIGNATION
1"=10'	1900049
SURVEY BOOK	SHEET
70	188
CONTRACT	PROJECT
R-42452	1900049

I:\Projects\2022\02022-0201\ProgramDevelopment\Design\Drawings\6546-2022.dwg Zecher_Samy_Plot-8/29/2022 4:31 PM Save:7/12/2022 8:04 AM



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

LEGEND	
	SILT FENCE
	AREA OF TREE CLEARING
	CULVERT PIPE PROTECTION
	BORING/RECEIVING PIT

NOTE:
1. The Erosion Control Phase 1 Is In Accordance With Maintenance Of Traffic Phase 1.

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

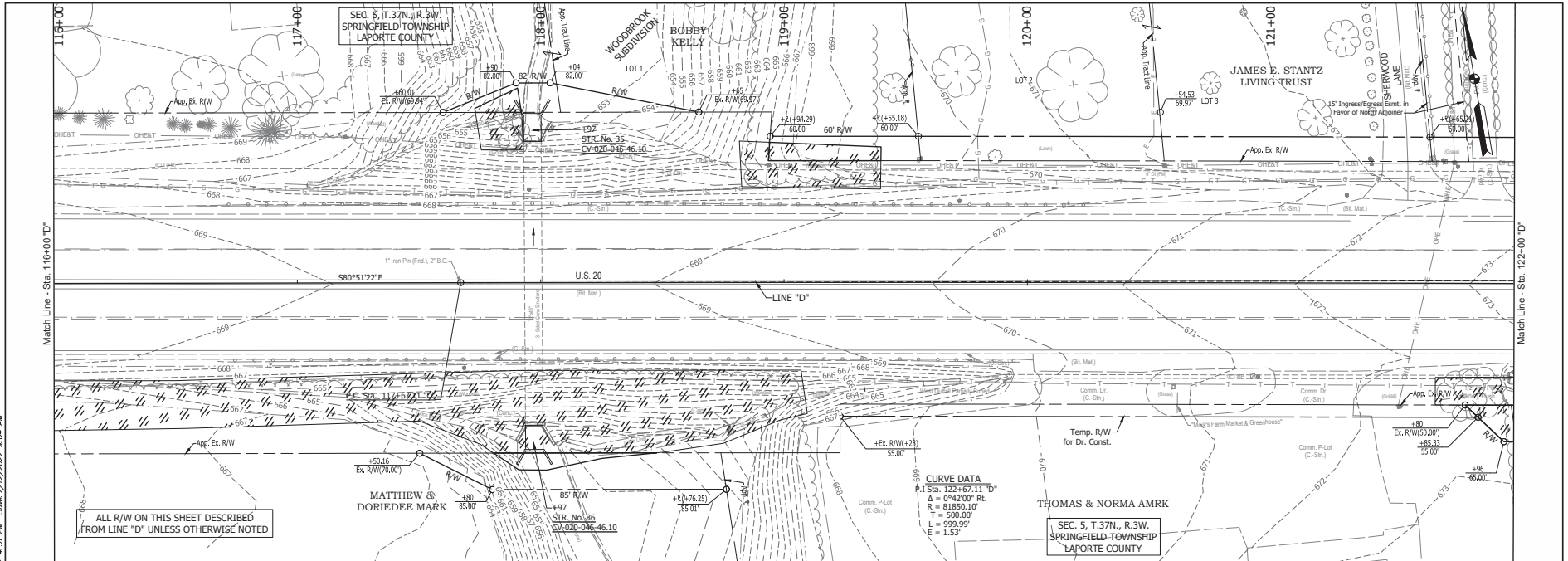
RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER	DATE
DESIGNED: JWG	DRAWN: BKM		
CHECKED: JCS	CHECKED: JWG		

INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLANS
PHASE 1

HORIZONTAL SCALE	BRIDGE FILE
1"=50'	DESIGNATION
VERTICAL SCALE	1900049
1"=10'	
SURVEY BOOK	71
SHEET	188
CONTRACT	R-42452
PROJECT	1900049

I:\askerz\Jobs\1654000\0001\ProgramDevelopment\Design\Drawings\1654000002.dwg Zephyr_Sally_Plot-8/29/2022 4:31 PM Save:7/12/2022 8:48 AM

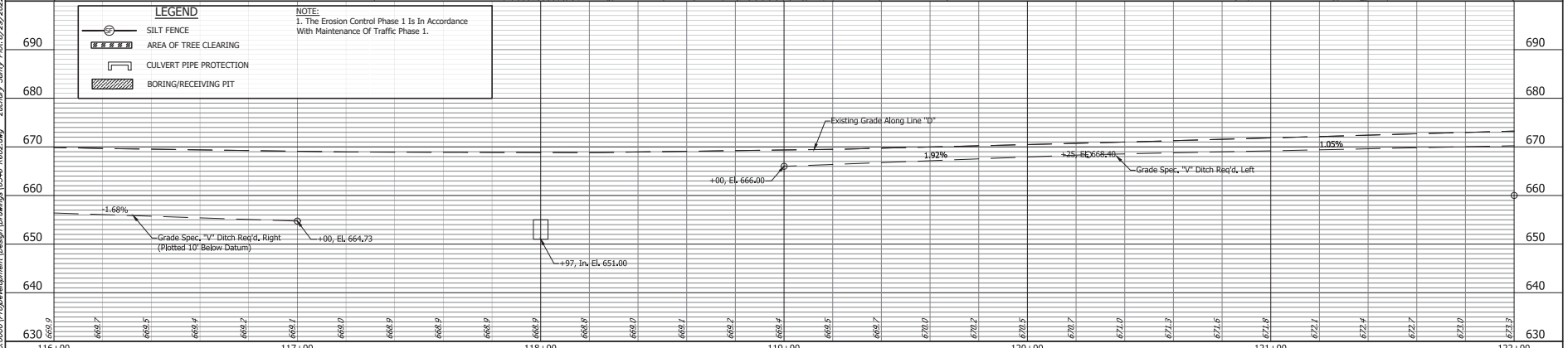


ALL R/W ON THIS SHEET DESCRIBED FROM LINE "D" UNLESS OTHERWISE NOTED

CURVE DATA
 P.I. Sta. 122+67.11 "D"
 $\Delta = 942.00'$ RL
 $R = 81856.10'$
 $T = 500.00'$
 $L = 999.99'$
 $E = 1.53'$

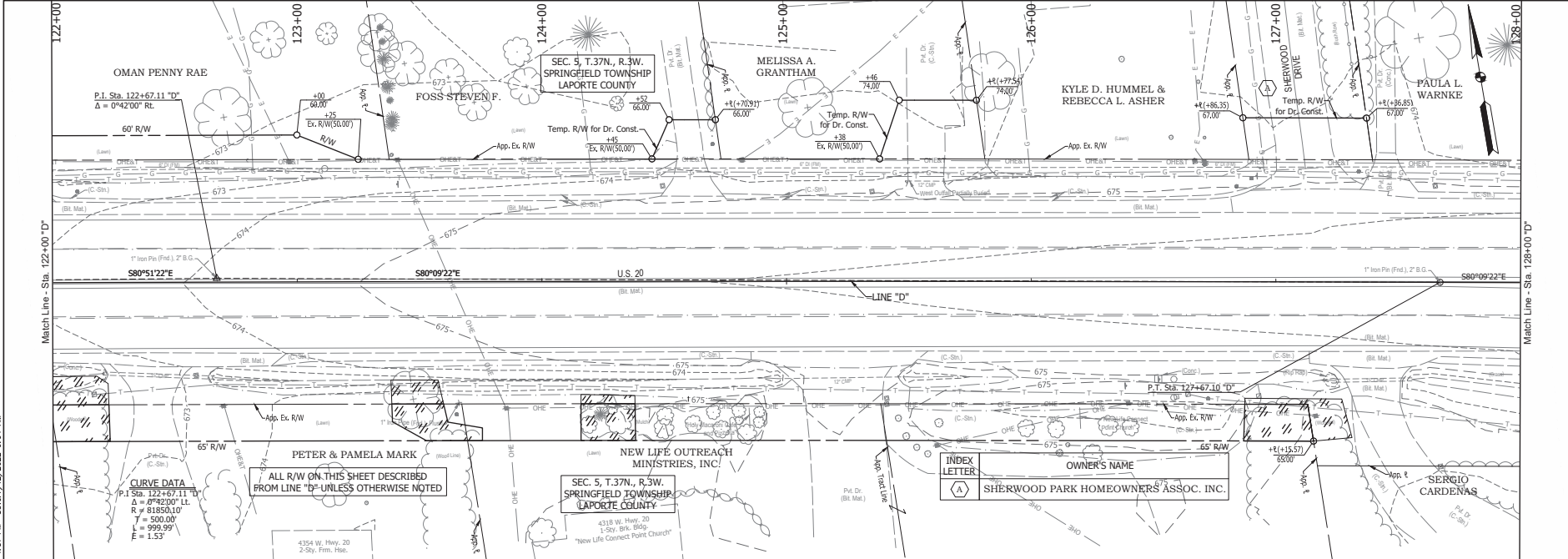
LEGEND	
	SILT FENCE
	AREA OF TREE CLEARING
	CULVERT PIPE PROTECTION
	BORING/RECEIVING PIT

NOTE:
 1. The Erosion Control Phase 1 Is In Accordance With Maintenance Of Traffic Phase 1.



RECOMMENDED FOR APPROVAL: DESIGN ENGINEER: _____ DATE: _____ DESIGNED: JWG DRAWN: BKM CHECKED: JCS CHECKED: JWG					INDIANA DEPARTMENT OF TRANSPORTATION EROSION CONTROL PLANS PHASE 1					HORIZONTAL SCALE: 1"=50' VERTICAL SCALE: 1"=10' SURVEY BOOK: 72 LOC: 188 CONTRACT: R-42452 PROJECT: 1900049				

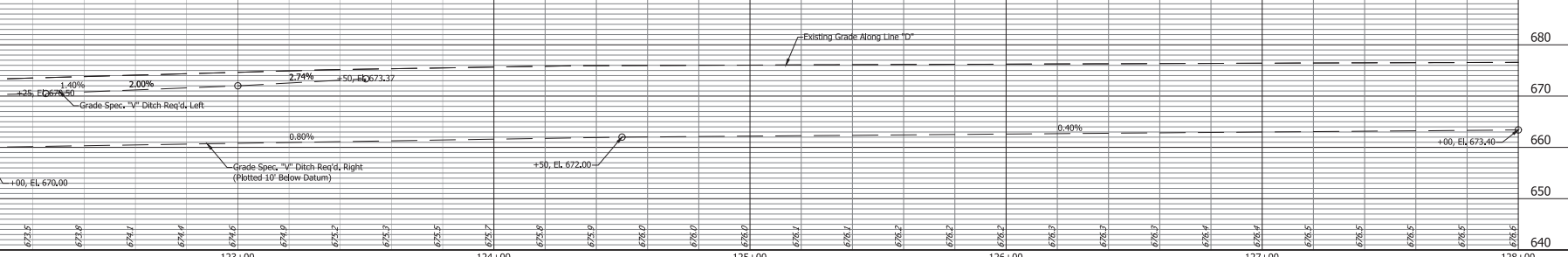
I:\Projects\2022\02022-0200\ProjDevelopment\Design\Drawings\6546-6002.dwg Zebrahy Samy Pkts:8/29/2022 4:31 PM Save:7/12/2022 8:04 AM



LEGEND

- SILT FENCE
- AREA OF TREE CLEARING
- CULVERT PIPE PROTECTION
- BORING/RECEIVING PIT

NOTE:
1. The Erosion Control Phase 1 Is In Accordance With Maintenance Of Traffic Phase 1.

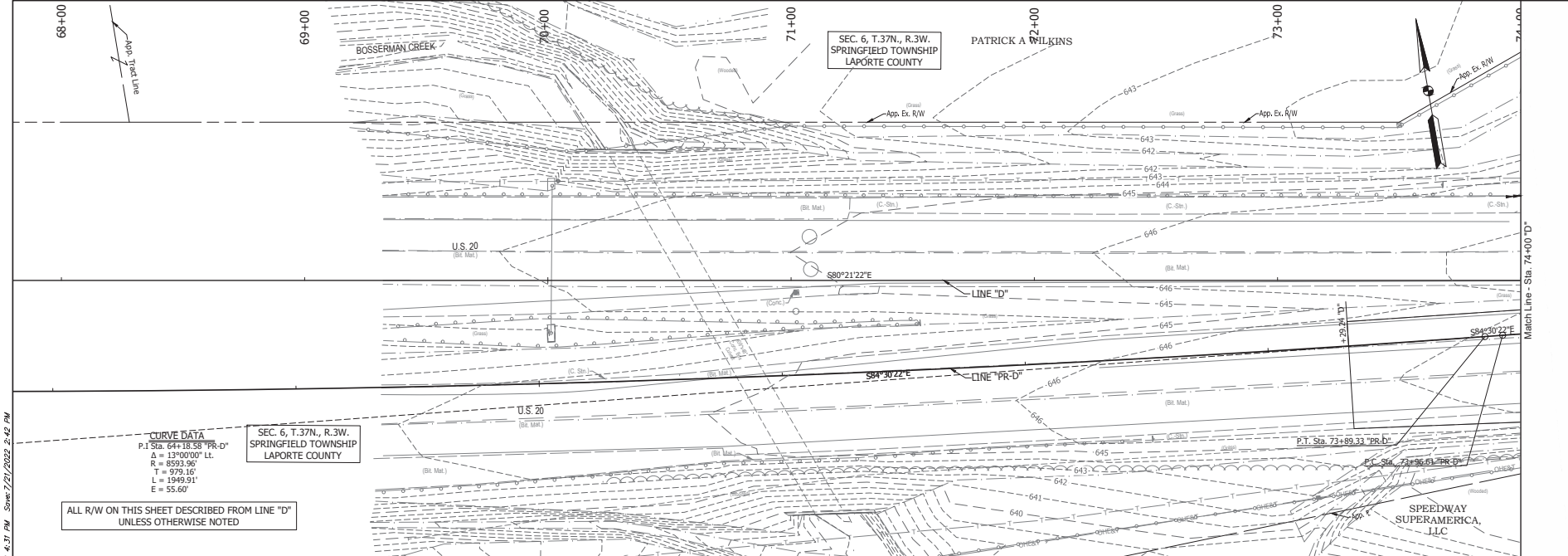


RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER	DATE
DESIGNED: JWG	DRAWN: BKM		
CHECKED: JCS	CHECKED: JWG		

INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLANS
PHASE 1

HORIZONTAL SCALE	BRIDGE FILE
1"=50'	1"=50'
VERTICAL SCALE	DESIGNATION
1"=10'	1900049
SURVEY BOOK	SHEET
73	188
CONTRACT	PROJECT
R-2452	1900049



CURVE DATA
 P.I. Sta. 64+18.58 "PR-D"
 $\Delta = 13^{\circ}00'00"$ LL
 $R = 8593.96'$
 $T = 979.16'$
 $L = 1949.01'$
 $E = 55.60'$

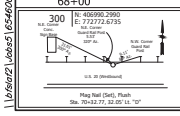
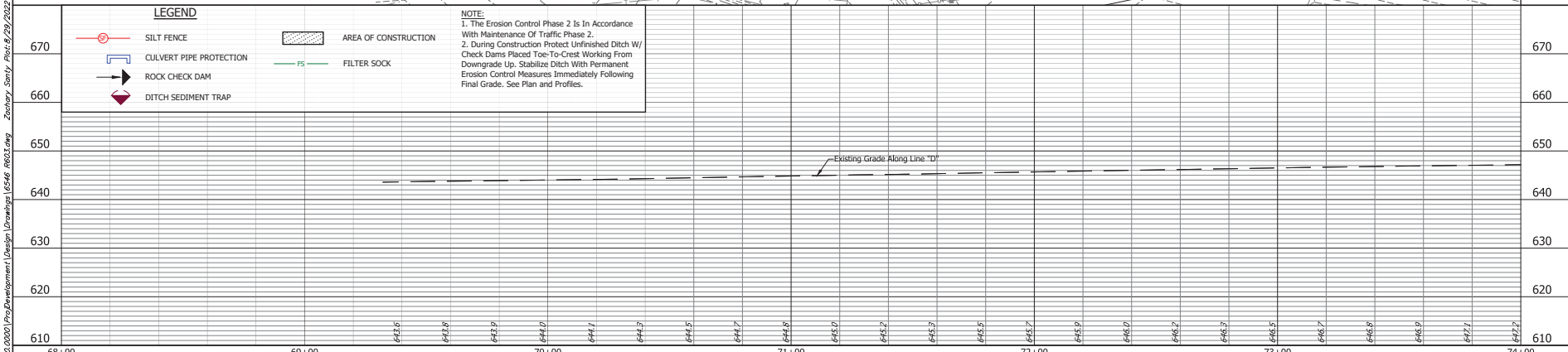
SEC. 6, T.37N., R.3W.
 SPRINGFIELD TOWNSHIP
 LAPORTE COUNTY

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

LEGEND

- SILT FENCE
- CULVERT PIPE PROTECTION
- ROCK CHECK DAM
- DITCH SEDIMENT TRAP
- AREA OF CONSTRUCTION
- FILTER SOCK

NOTE:
 1. The Erosion Control Phase 2 Is In Accordance With Maintenance Of Traffic Phase 2.
 2. During Construction Protect Unfinished Ditch W/ Check Dams Placed Toe-To-Crest Working From Downgrade Up. Stabilize Ditch With Permanent Erosion Control Measures Immediately Following Final Grade. See Plan and Profiles.



68+00	69+00	70+00	71+00	72+00	73+00	74+00
642.5	642.8	642.9	644.1	644.7	644.5	644.7
644.7	644.5	644.7	644.9	645.7	645.5	645.7
646.7	646.7	646.7	646.7	646.7	646.7	646.7
646.7	646.7	646.7	646.7	646.7	646.7	646.7
646.7	646.7	646.7	646.7	646.7	646.7	646.7
646.7	646.7	646.7	646.7	646.7	646.7	646.7
646.7	646.7	646.7	646.7	646.7	646.7	646.7
646.7	646.7	646.7	646.7	646.7	646.7	646.7
646.7	646.7	646.7	646.7	646.7	646.7	646.7

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

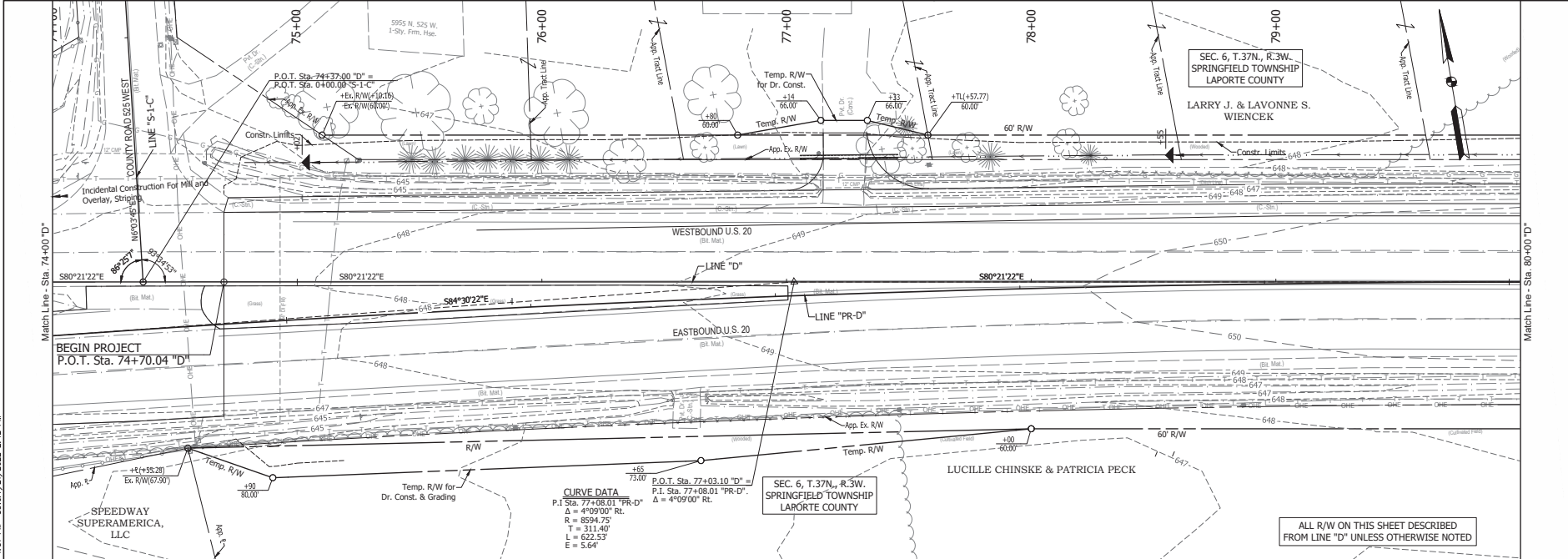
INDIANA
 DEPARTMENT OF TRANSPORTATION
 EROSION CONTROL PLANS
 PHASE 2

HORIZONTAL SCALE 1"=50'	BRIDGE FILE
VERTICAL SCALE 1"=10'	DESIGNATION 1900049
SURVEY BOOK 75	SHEET 188
CONTRACT R-42452	PROJECT 1900049

I:\Users\llobas\OneDrive\Documents\Design\Drawings\ES&S\2022\24-42 PM_Sheet\2022-24-42 PM_Sheet.dwg Zephyr_Smy Plot:8/29/2022 4:37 PM Save:7/21/2022 2:42 PM

05-0000

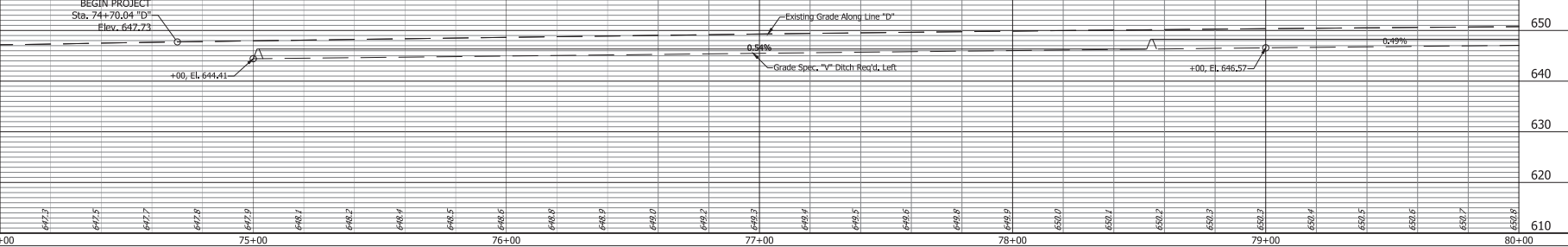
I:\Asst\1\Job\1\654600_0200\Proj\Development\Design\Drawings\6546_0202.dwg Zashby Stanl Prc:8/29/2022 4:31 PM Save:7/21/2022 2:42 PM



LEGEND

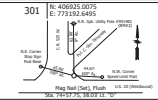
	SILT FENCE		AREA OF CONSTRUCTION
	CULVERT PIPE PROTECTION		FILTER SOCK
	ROCK CHECK DAM		
	DITCH SEDIMENT TRAP		

NOTE:
 1. The Erosion Control Phase 2 Is In Accordance With Maintenance Of Traffic Phase 2.
 2. During Construction Protect Unfinished Ditch W/ Check Dams Placed Toe-To-Crest Working From Downgrade Up. Stabilize Ditch With Permanent Erosion Control Measures Immediately Following Final Grade. See Plan and Profiles.



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

T.B.M. 2 - R.R. Spike Set in PowerPole #951482 Sta. 74+47.63, 100 Lt. "D" Elev. 647.44

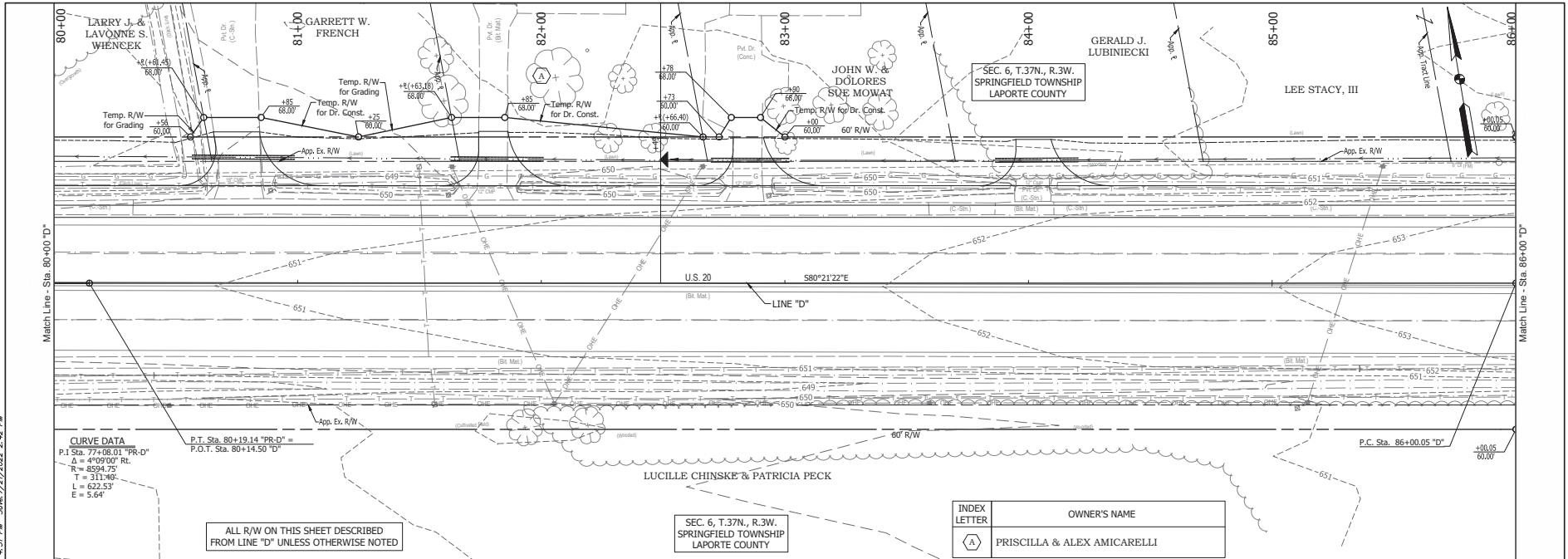


RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER		DATE	
DESIGNED:	JWG	DRAWN:	BKM		
CHECKED:	JCS	CHECKED:	JWG		

INDIANA DEPARTMENT OF TRANSPORTATION
 EROSION CONTROL PLANS
 PHASE 2

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	DESIGNATION
VERTICAL SCALE	1900049
1" = 10'	
SURVEY BOOK	SHEET
76	188
CONTRACT	PROJECT
R-42452	1900049

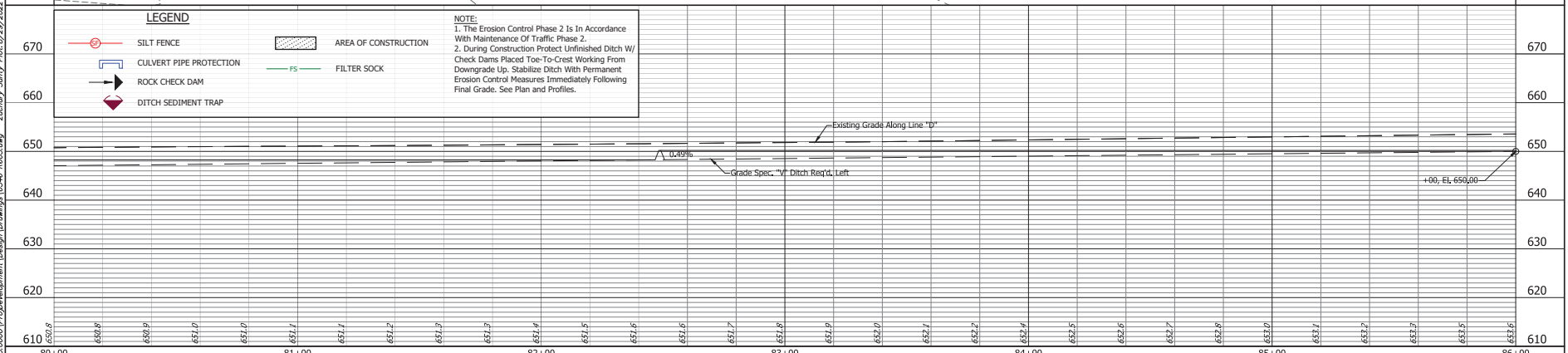
I:\Projects\2022\24-42 PM - Sewer\2/21/2022 2:42 PM - Sewer\2/21/2022 2:42 PM - Zentony_Samy_Plot-8/29/2022 4:31 PM - Sewer\2/21/2022 2:42 PM



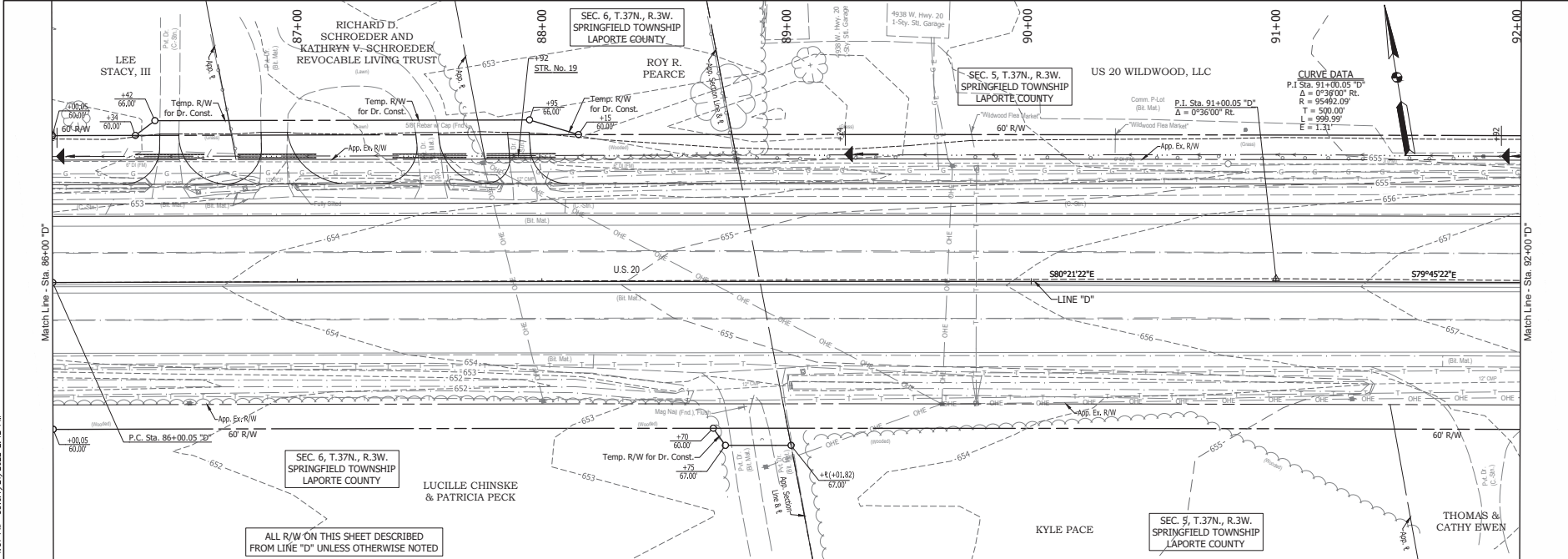
LEGEND	
	SILT FENCE
	CULVERT PIPE PROTECTION
	ROCK CHECK DAM
	DITCH SEDIMENT TRAP
	AREA OF CONSTRUCTION
	FILTER SOCK

NOTE:
 1. The Erosion Control Phase 2 Is In Accordance With Maintenance Of Traffic Phase 2.
 2. During Construction Protect Unfinished Ditch W/ Check Dams Placed Toe-To-Crest Working From Downgrade Up. Stabilize Ditch With Permanent Erosion Control Measures Immediately Following Final Grade. See Plan and Profiles.

ALL R/W ON THIS SHEET DESCRIBED FROM LINE "D" UNLESS OTHERWISE NOTED	SEC. 6, T.37N., R.3W. SPRINGFIELD TOWNSHIP LAPORTE COUNTY	OWNER'S NAME PRISCILLA & ALEX AMICARELLI
--	---	---



	RECOMMENDED FOR APPROVAL: DESIGN ENGINEER: _____ DATE: _____ DESIGNED: JWG DRAWN: BKM CHECKED: JCS CHECKED: JWG	INDIANA DEPARTMENT OF TRANSPORTATION EROSION CONTROL PLANS PHASE 2	HORIZONTAL SCALE 1"=50' VERTICAL SCALE 1"=10' SURVEY BOOK 77 LOC 188 CONTRACT R-42452 PROJECT 1900049
	BRIDGE FILE DESIGNATION 1900049 SHEET 188 PROJECT 1900049		BRIDGE NO. 05-6000

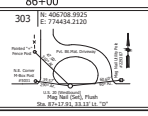
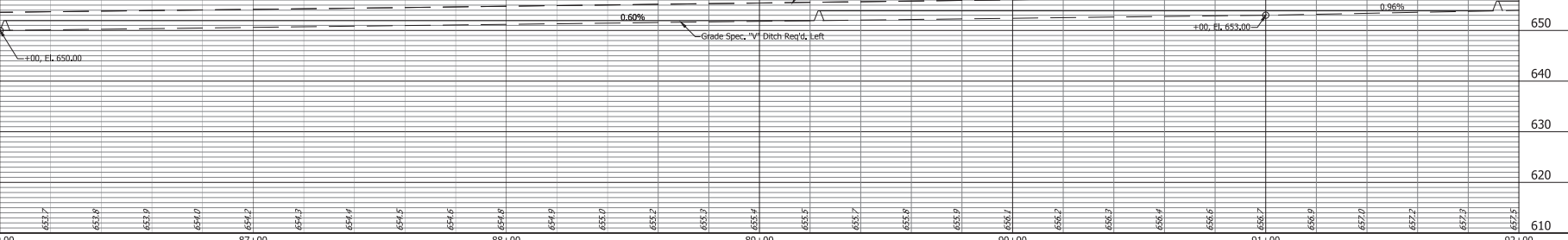


I:\Projects\1654600_0000\ProjDevelopment\Design\Drawings\16546_0002.dwg Zephyr_Smy Plot:8/29/2022 4:31 PM Save:7/21/2022 2:42 PM

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

LEGEND	
	SILT FENCE
	CULVERT PIPE PROTECTION
	ROCK CHECK DAM
	DITCH SEDIMENT TRAP
	AREA OF CONSTRUCTION
	FILTER SOCK

NOTE:
 1. The Erosion Control Phase 2 Is In Accordance With Maintenance Of Traffic Phase 2.
 2. During Construction Protect Unfinished Ditch W/ Check Dams Placed Toe-To-Crest Working From Downgrade Up. Stabilize Ditch With Permanent Erosion Control Measures Immediately Following Final Grade. See Plan and Profiles.



DESIGNED: JWG	DRAWN: BKM
CHECKED: JCS	CHECKED: JWG

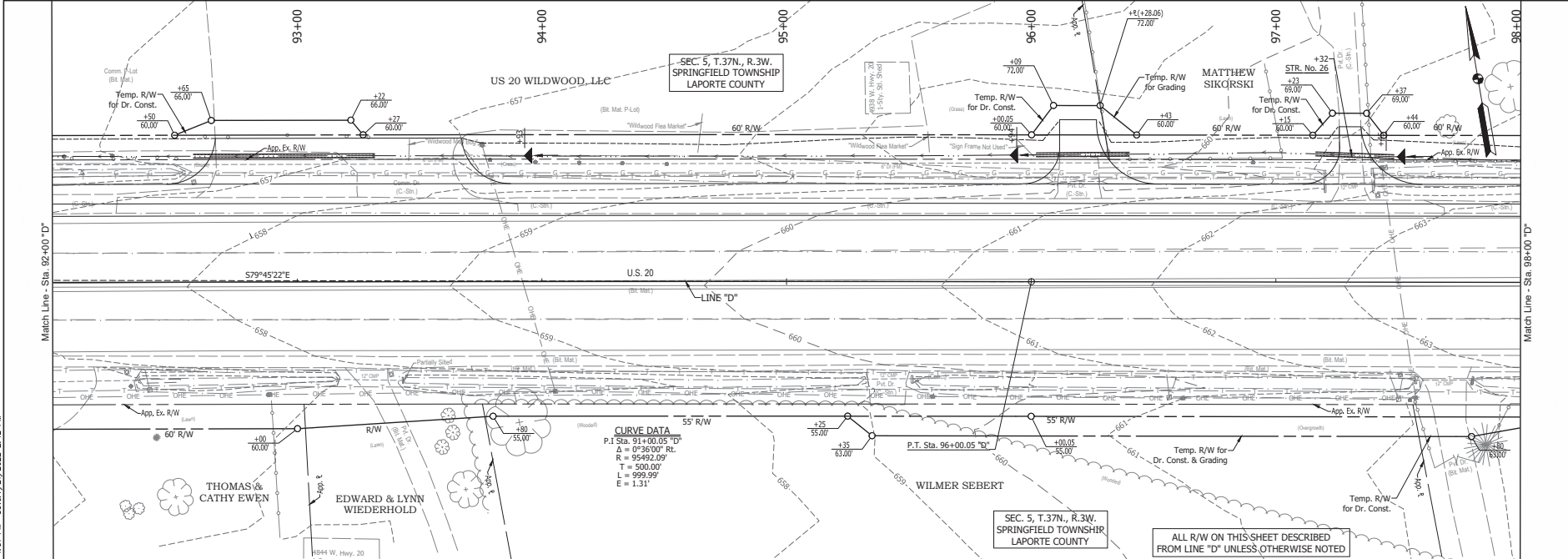
RECOMMENDED FOR APPROVAL: _____ DATE _____
 DESIGN ENGINEER

INDIANA DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLANS PHASE 2

HORIZONTAL SCALE	BRIDGE FILE
1"=50'	DESIGNATION
VERTICAL SCALE	1900049
1"=10'	
SURVEY BOOK	SHEET
78	188
CONTRACT	PROJECT
R-42452	1900049

I:\Projects\1654000\1654000_0001\ProjDevelopment\Design\Drawings\1654000_0002.dwg Zebry Samy Date: 8/29/2022 4:31 PM Save: 7/21/2022 2:42 PM



LEGEND

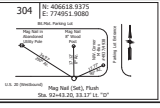
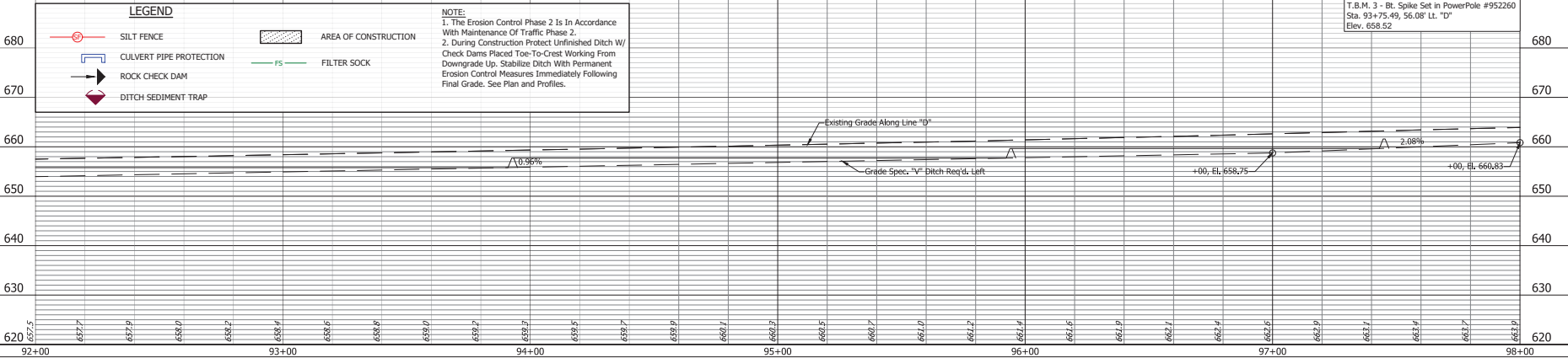
	SILT FENCE		AREA OF CONSTRUCTION
	CULVERT PIPE PROTECTION		FILTER SOCK
	ROCK CHECK DAM		
	DITCH SEDIMENT TRAP		

NOTE:
 1. The Erosion Control Phase 2 Is In Accordance With Maintenance Of Traffic Phase 2.
 2. During Construction Protect Unfinished Ditch W/ Check Dams Placed Toe-To-Crest Working From Downgrade Up. Stabilize Ditch With Permanent Erosion Control Measures Immediately Following Final Grade. See Plan and Profiles.

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

SEC. 5, T. 37N., R. 3W. SPRINGFIELD TOWNSHIP LAPORTE COUNTY
 ALL R/W ON THIS SHEET DESCRIBED FROM LINE "D" UNLESS OTHERWISE NOTED

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

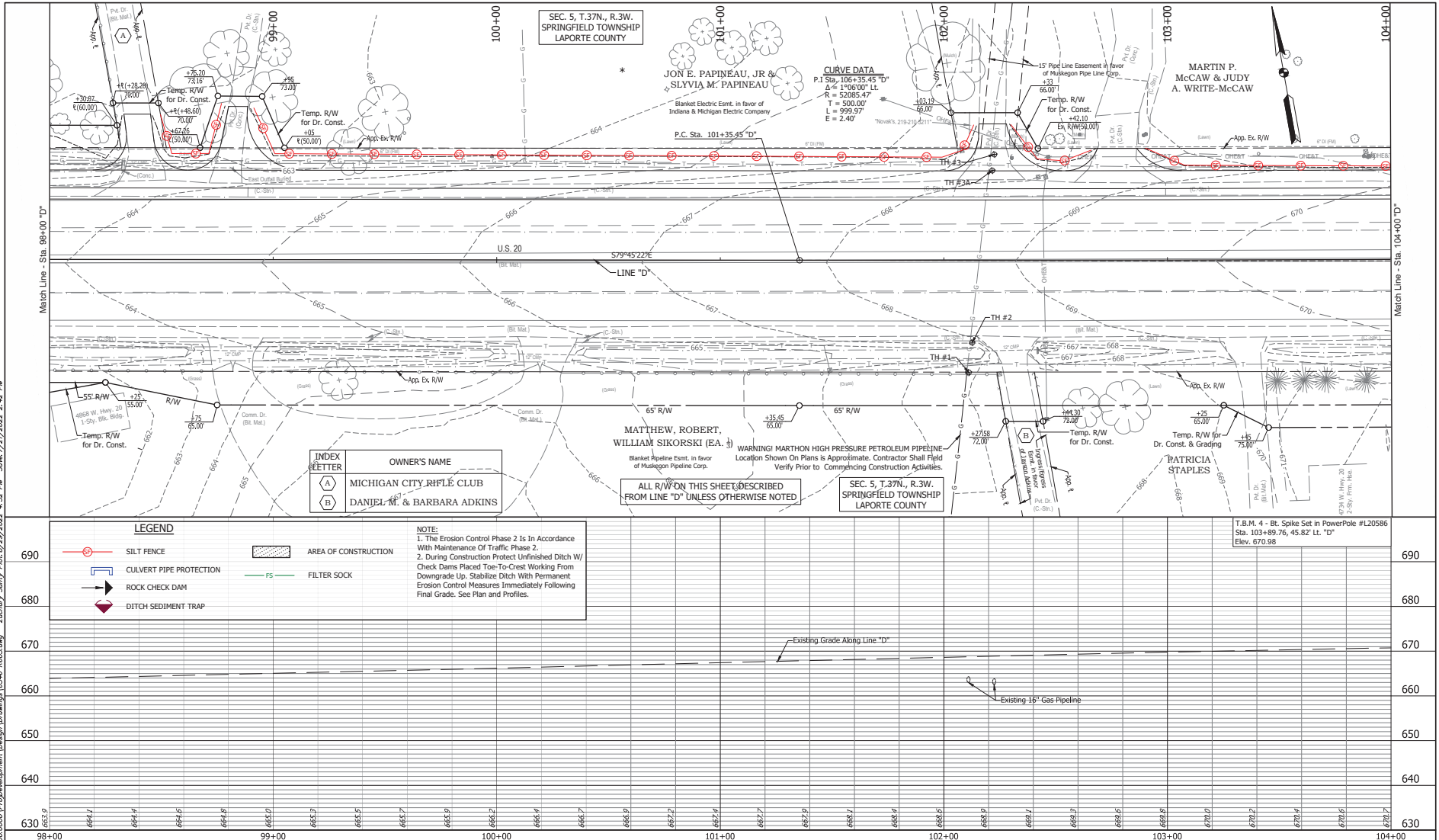


RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER	DATE
DESIGNED: JWG	DRAWN: BKM		
CHECKED: JCS	CHECKED: JWG		

INDIANA
 DEPARTMENT OF TRANSPORTATION
 EROSION CONTROL PLANS
 PHASE 2

HORIZONTAL SCALE 1"=30'	BRIDGE FILE
VERTICAL SCALE 1"=10'	DESIGNATION 1900049
SURVEY BOOK 79	SHEET 188
CONTRACT R-42452	PROJECT 1900049

I:\Projects\2022\02022-0200\ProjDevelopment\Design Drawings\6546-0202.dwg Zentory Saty Pict:8/29/2022 4:32 PM Save:7/21/2022 2:42 PM



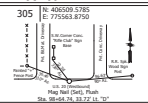
INDEX LETTER	OWNER'S NAME
A	MICHIGAN CITY RIFLE CLUB
B	DANIEL W. & BARBARA ADKINS

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

LEGEND

	SILT FENCE		AREA OF CONSTRUCTION
	CULVERT PIPE PROTECTION		FILTER SOCK
	ROCK CHECK DAM		
	DITCH SEDIMENT TRAP		

NOTE:
 1. The Erosion Control Phase 2 Is In Accordance With Maintenance Of Traffic Phase 2.
 2. During Construction Protect Unfinished Ditch W/ Check Dams Placed Toe-To-Crest Working From Downgrade Up. Stabilize Ditch With Permanent Erosion Control Measures Immediately Following Final Grade. See Plan and Profiles.

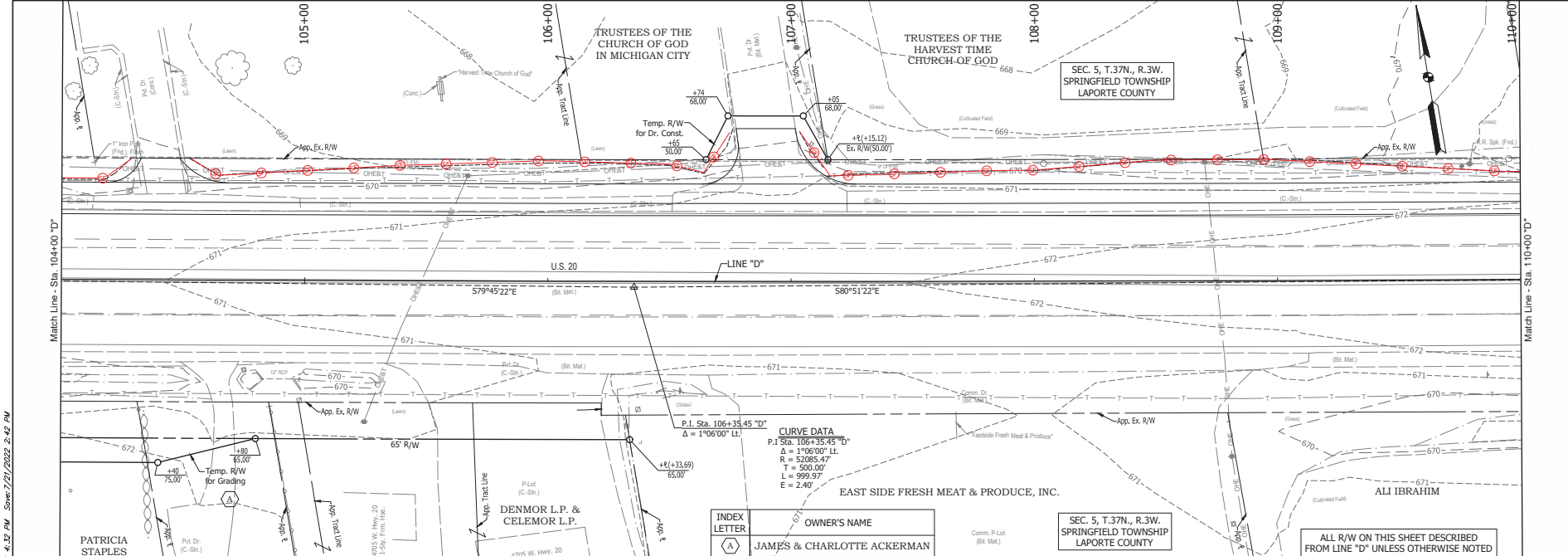


RECOMMENDED FOR APPROVAL:	
DESIGNED: JWG	DRAWN: BKM
CHECKED: JCS	CHECKED: JWG

INDIANA
 DEPARTMENT OF TRANSPORTATION
 EROSION CONTROL PLANS
 PHASE 2

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	
VERTICAL SCALE	DESIGNATION
1"=10'	1900049
SURVEY BOOK	SHEET
80	188
CONTRACT	PROJECT
R-42452	1900049

T.B.M. 4 - Bt. Spike Set in PowerPole #L20586
 Sta. 103+89.76, 45.82' Lt. "D"
 Elev. 670.98



Station	630	640	650	660	670	680	690
104+00	627.7	627.7	627.7	627.7	627.7	627.7	627.7
105+00	627.7	627.7	627.7	627.7	627.7	627.7	627.7
106+00	627.5	627.5	627.5	627.5	627.5	627.5	627.5
107+00	627.9	627.9	627.9	627.9	627.9	627.9	627.9
108+00	622.0	622.0	622.0	622.0	622.0	622.0	622.0
109+00	622.4	622.4	622.4	622.4	622.4	622.4	622.4
110+00	622.7	622.7	622.7	622.7	622.7	622.7	622.7

LEGEND

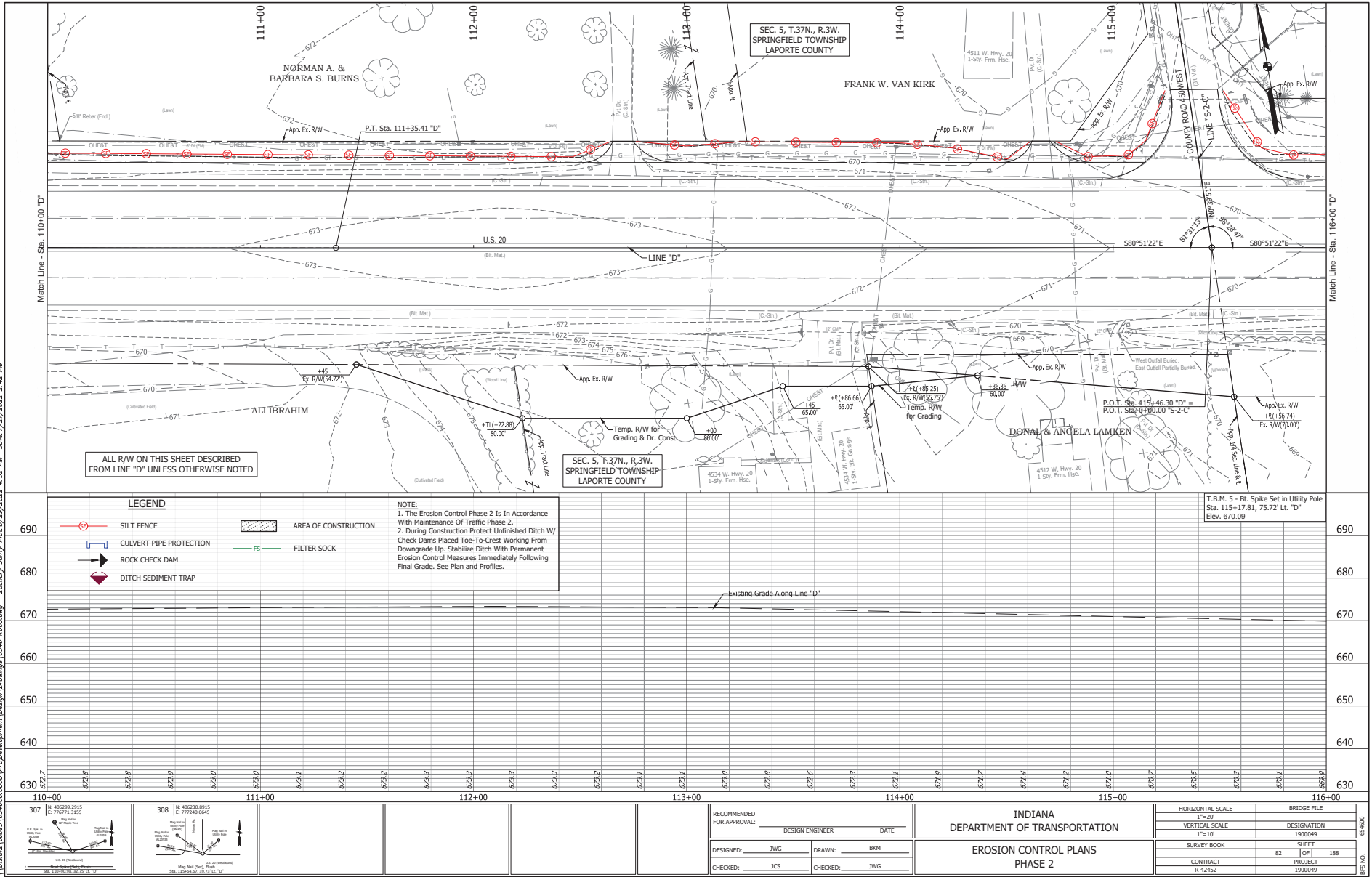
- SILT FENCE
- CULVERT PIPE PROTECTION
- ROCK CHECK DAM
- DITCH SEDIMENT TRAP
- AREA OF CONSTRUCTION
- FILTER SOCK

NOTE:
 1. The Erosion Control Phase 2 Is In Accordance With Maintenance Of Traffic Phase 2.
 2. During Construction Protect Unfinished Ditch W/ Check Dams Placed Toe-To-Crest Working From Downgrade Up. Stabilize Ditch With Permanent Erosion Control Measures Immediately Following Final Grade. See Plan and Profiles.

	RECOMMENDED FOR APPROVAL: DESIGN ENGINEER: _____ DATE: _____ DESIGNED: JWG DRAWN: BKM CHECKED: JCS CHECKED: JWG	INDIANA DEPARTMENT OF TRANSPORTATION EROSION CONTROL PLANS PHASE 2	HORIZONTAL SCALE: 1"=50' VERTICAL SCALE: 1"=10' SURVEY BOOK: 81 CONTRACT: R-42452	BRIDGE FILE DESIGNATION: 1900049 SHEET: 188 PROJECT: 1900049
	PROJECT: 1900049 SHEET: 188 PROJECT: 1900049		BRIDGE FILE DESIGNATION: 1900049 SHEET: 188 PROJECT: 1900049	

I:\s\2021\1654000\0001\Proj\Development\Design\Drawings\16546_0002.dwg Zephyr_Smyr_Plot_8/29/2023 4:52 PM Save:7/21/2023 2:42 PM

I:\Projects\2022\02022-0200\ProgramDevelopment\Design\Drawings\6546-0002.dwg Zephyr_Smy Plot:8/29/2022 4:52 PM Sun:7/21/2022 2:42 PM



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

LEGEND

- SILT FENCE
- CULVERT PIPE PROTECTION
- ROCK CHECK DAM
- DITCH SEDIMENT TRAP
- AREA OF CONSTRUCTION
- FILTER SOCK

NOTE:
 1. The Erosion Control Phase 2 Is In Accordance With Maintenance Of Traffic Phase 2.
 2. During Construction Protect Unfinished Ditch W/ Check Dams Placed Toe-To-Crest Working From Downgrade Up. Stabilize Ditch With Permanent Erosion Control Measures Immediately Following Final Grade. See Plan and Profiles.

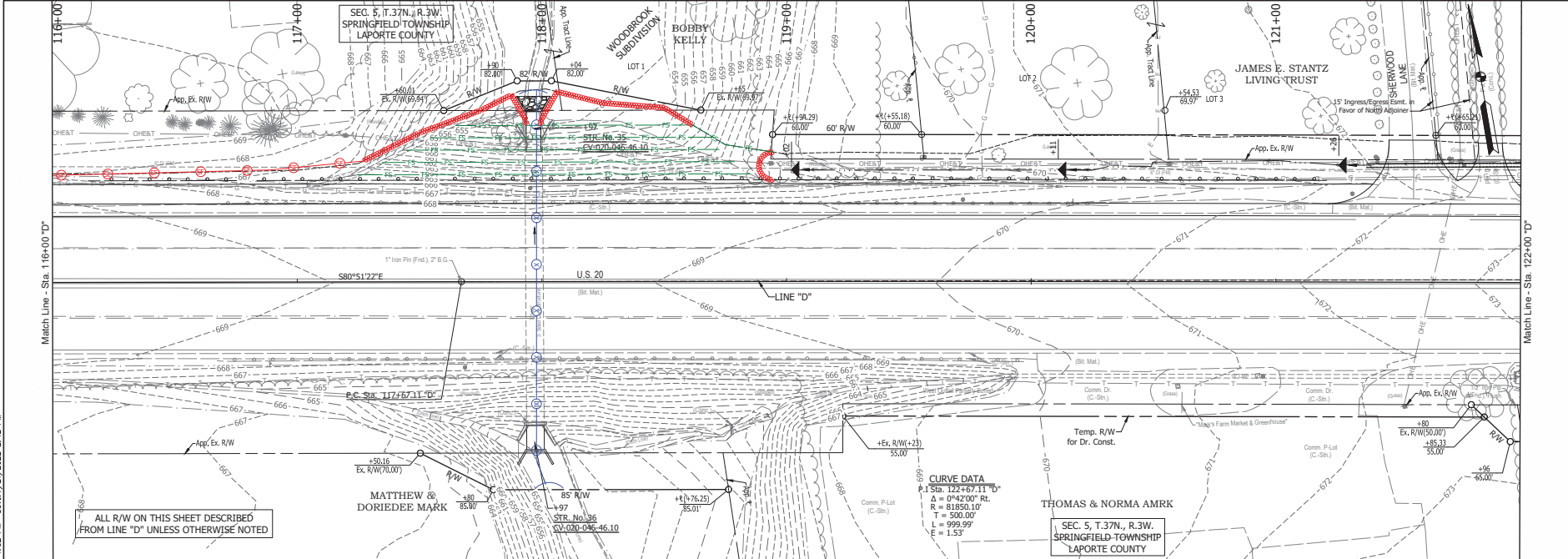
T.B.M. 5 - Bl. Spike Set in Utility Pole
 Sta. 115+17.81, 75.72 Lt. "D"
 Elev. 670.09

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

INDIANA
 DEPARTMENT OF TRANSPORTATION
 EROSION CONTROL PLANS
 PHASE 2

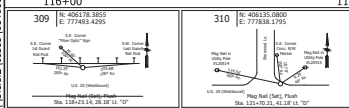
HORIZONTAL SCALE	BRIDGE FILE
1"=50'	DESIGNATION
VERTICAL SCALE	1900049
1"=10'	
SURVEY BOOK	SHEET
82	188
CONTRACT	PROJECT
R-42452	1900049

I:\asker\Jobs\1654000\0001\Development\Design\Drawings\1654000.dwg Zephyr_Sany_Plot_8/29/2022 4:32 PM Save:7/21/2022 2:42 PM



LEGEND			
	SILT FENCE		AREA OF CONSTRUCTION
	CULVERT PIPE PROTECTION		FILTER SOCK
	ROCK CHECK DAM		ROCK FILTER BERM
	DITCH SEDIMENT TRAP		PUMP AROUND

NOTE:
 1. The Erosion Control Phase 2 Is In Accordance With Maintenance Of Traffic Phase 2.
 2. During Construction Protect Unfinished Ditch W/ Check Dams Placed Toe-To-Crest Working From Downgrade Up. Stabilize Ditch With Permanent Erosion Control Measures Immediately Following Final Grade. See Plan and Profiles.

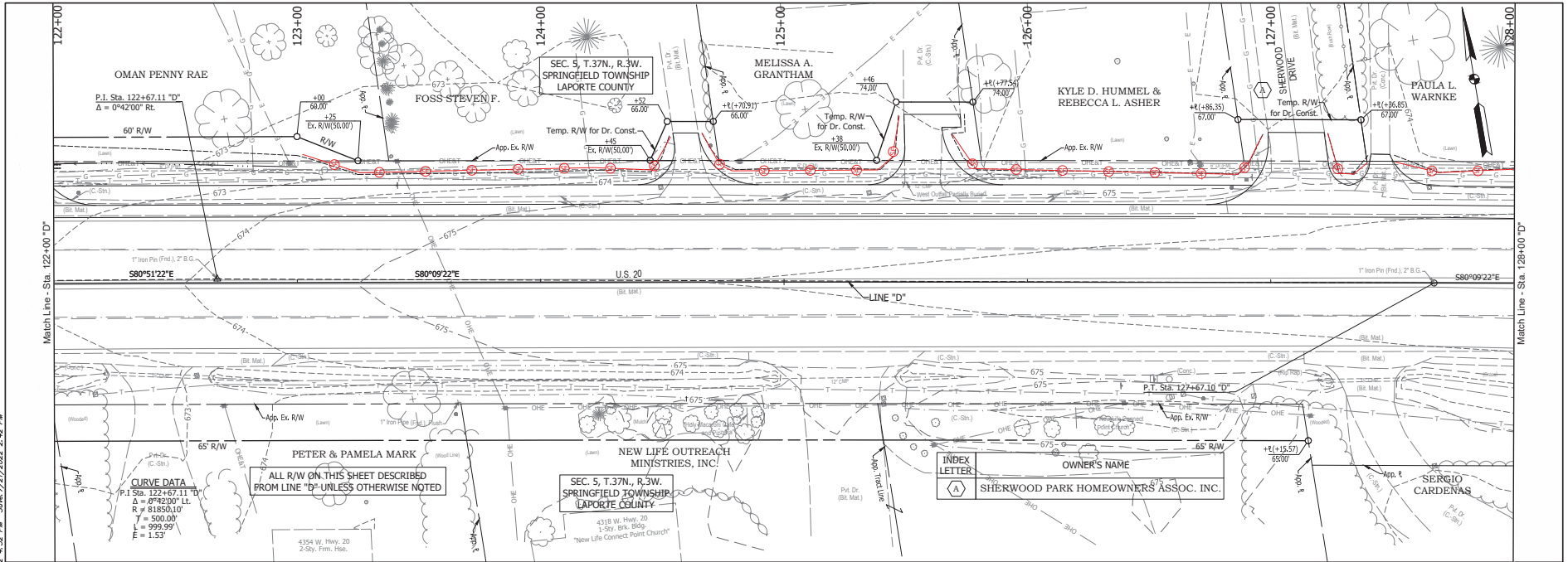


RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER	DATE
DESIGNED: JWG	DRAWN: BKM		
CHECKED: JCS	CHECKED: JWG		

INDIANA
 DEPARTMENT OF TRANSPORTATION
 EROSION CONTROL PLANS
 PHASE 2

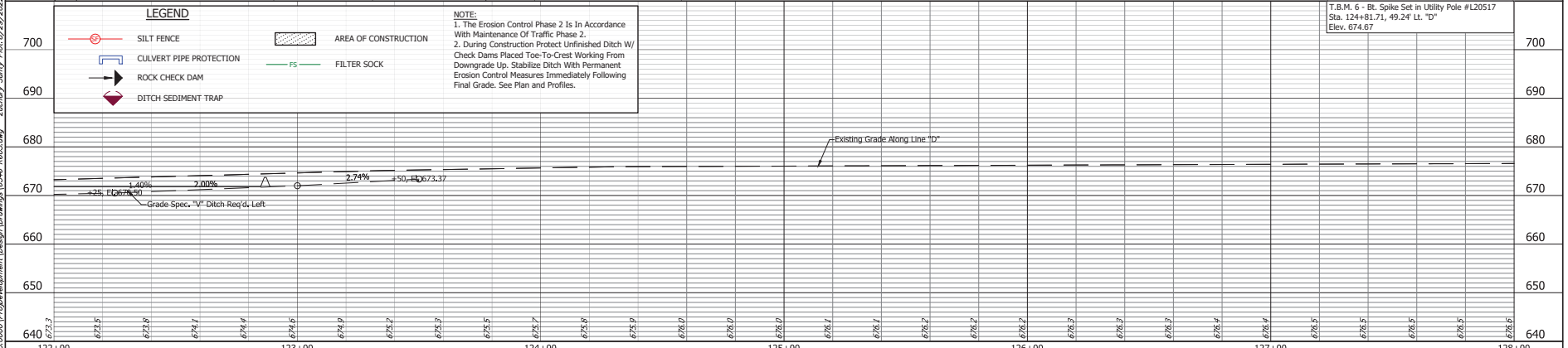
HORIZONTAL SCALE	BRIDGE FILE
1"=50'	
VERTICAL SCALE	DESIGNATION
1"=10'	1900049
SURVEY BOOK	SHEET
83	1 OF 1 188
CONTRACT	PROJECT
R-42452	1900049

I:\Projects\2022\02022-0200\Proj\Development\Design\Drawings\6546-6002.dwg Zephyr_Smyr_Plot_8/29/2022 4:52 PM Sun 7/21/2022 2:42 PM



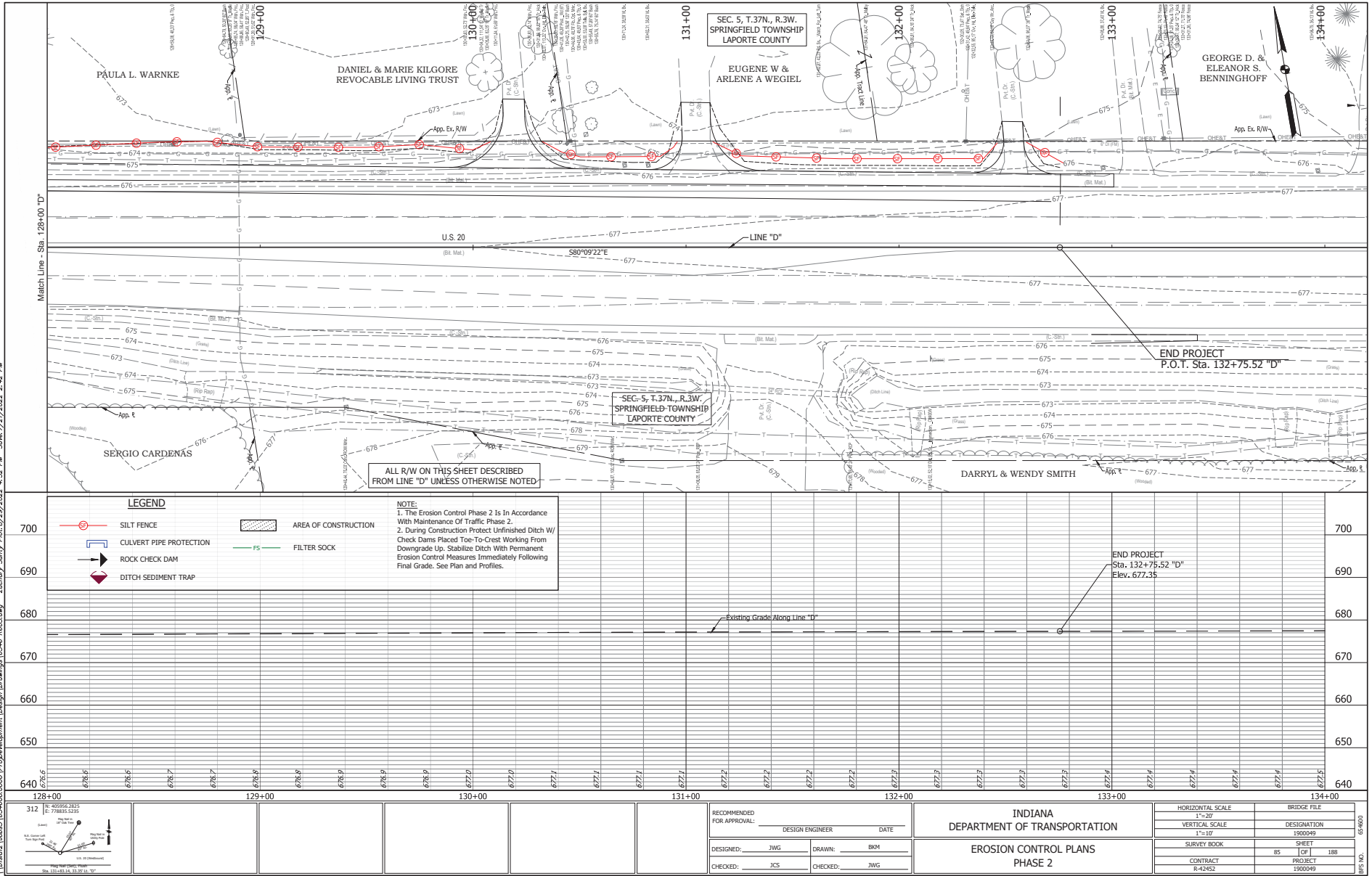
LEGEND	
	SILT FENCE
	CULVERT PIPE PROTECTION
	ROCK CHECK DAM
	DITCH SEDIMENT TRAP
	AREA OF CONSTRUCTION
	FILTER SOCK

NOTE:
 1. The Erosion Control Phase 2 Is In Accordance With Maintenance Of Traffic Phase 2.
 2. During Construction Protect Unfinished Ditch W/ Check Dams Placed Toe-To-Crest Working From Downgrade Up. Stabilize Ditch With Permanent Erosion Control Measures Immediately Following Final Grade. See Plan and Profiles.



	DESIGNED: JWG CHECKED: JCS	DRAWN: BKM CHECKED: JWG	DATE: _____ INDIANA DEPARTMENT OF TRANSPORTATION EROSION CONTROL PLANS PHASE 2	HORIZONTAL SCALE: 1\"/>
	BRIDGE FILE DESIGNATION: 1900049 SHEET: 84 OF 188 CONTRACT: R-42452 PROJECT: 1900049			

I:\Projects\2022\02022-0201\ProgramDevelopment\Design\Drawings\6546-0002.dwg Zentony Samy Pict:8/29/2022 4:32 PM Save:7/21/2022 2:42 PM



LEGEND	
	SILT FENCE
	CULVERT PIPE PROTECTION
	ROCK CHECK DAM
	DITCH SEDIMENT TRAP
	AREA OF CONSTRUCTION
	FILTER SOCK

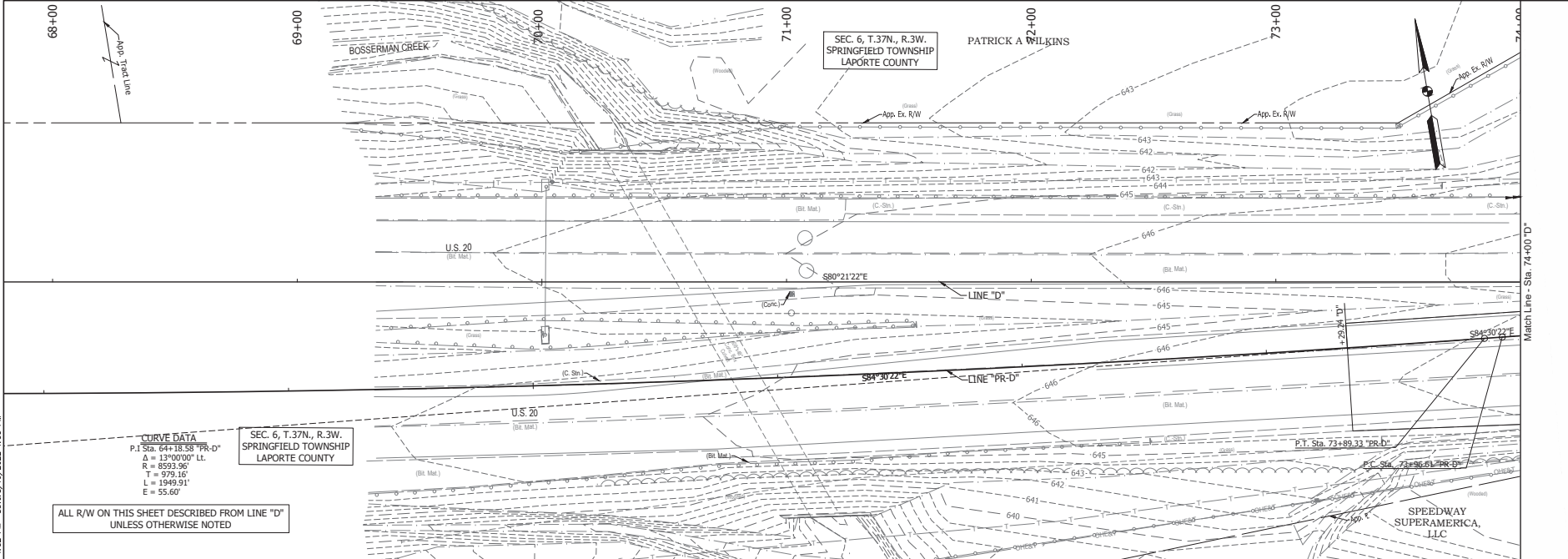
NOTE:
 1. The Erosion Control Phase 2 Is In Accordance With Maintenance Of Traffic Phase 2.
 2. During Construction Protect Unfinished Ditch W/ Check Dams Placed Toe-To-Crest Working From Downgrade Up. Stabilize Ditch With Permanent Erosion Control Measures Immediately Following Final Grade. See Plan and Profiles.

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

INDIANA DEPARTMENT OF TRANSPORTATION	
EROSION CONTROL PLANS PHASE 2	

HORIZONTAL SCALE	BRIDGE FILE
1"=50'	
VERTICAL SCALE	DESIGNATION
1"=10'	1900049
SURVEY BOOK	SHEET
85	188
CONTRACT	PROJECT
R-42452	1900049

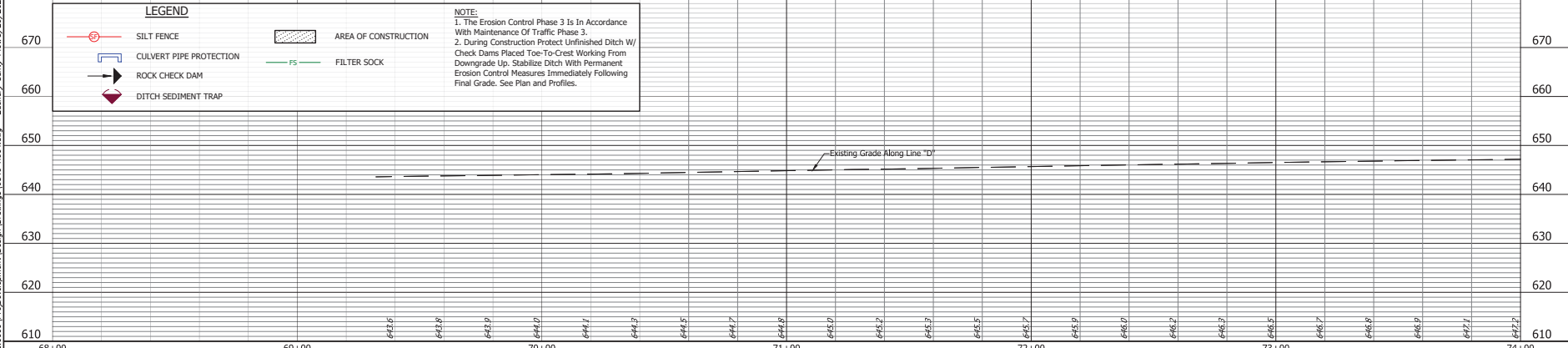
I:\Projects\2022\02022-0001\ProgramDevelopment\Design\Drawings\6546-0002.dwg Zephyr_Smyr Date: 8/16/2022 1:32 PM Save: 8/29/2022 4:32 PM



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

LEGEND	
	SILT FENCE
	CULVERT PIPE PROTECTION
	ROCK CHECK DAM
	DITCH SEDIMENT TRAP
	AREA OF CONSTRUCTION
	FILTER SOCK

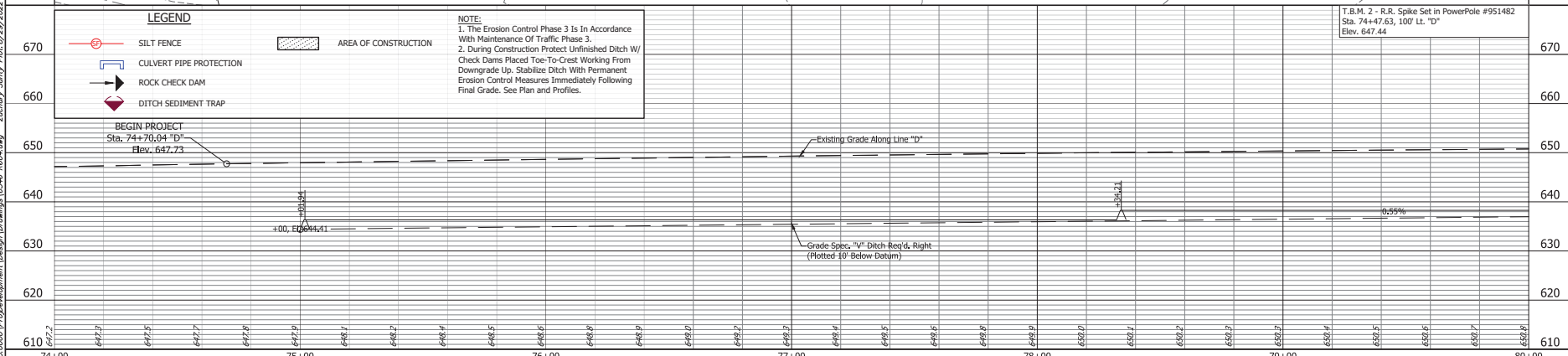
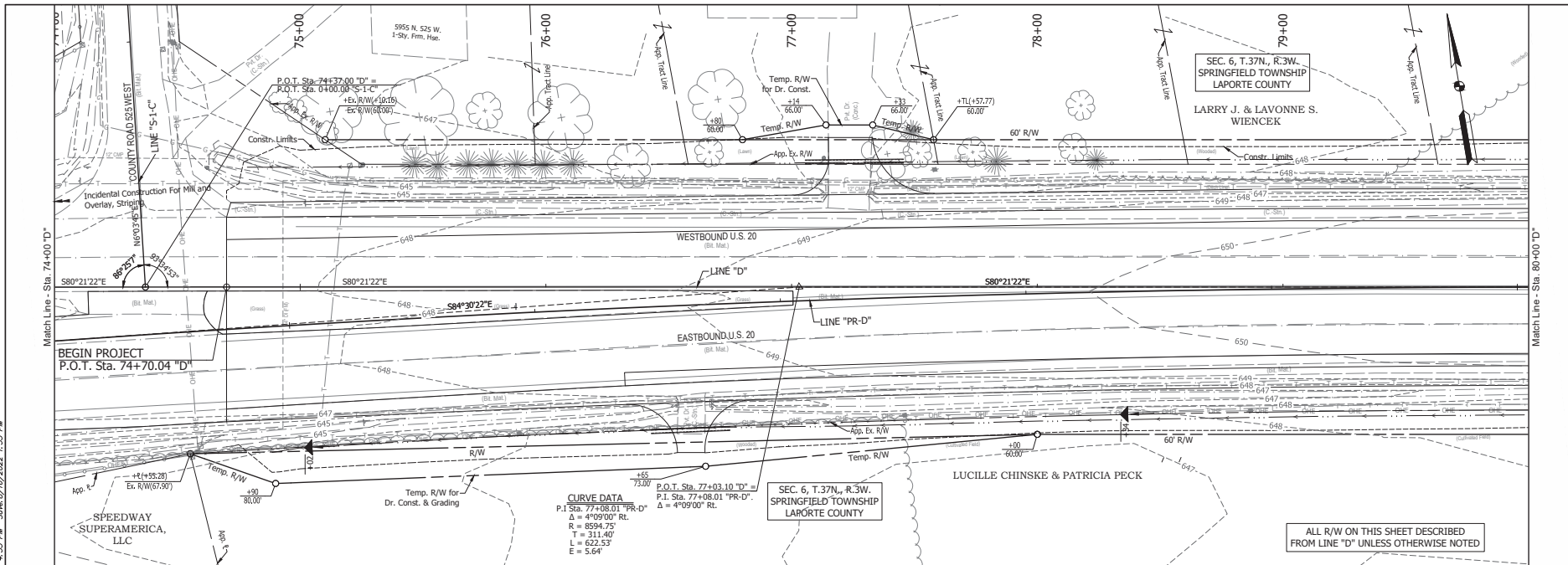
NOTE:
 1. The Erosion Control Phase 3 Is In Accordance With Maintenance Of Traffic Phase 3.
 2. During Construction Protect Unfinished Ditch W/ Check Dams Placed Toe-To-Crest Working From Downgrade Up. Stabilize Ditch With Permanent Erosion Control Measures Immediately Following Final Grade. See Plan and Profiles.



	DESIGNED: JWG	DRAWN: BKM	INDIANA DEPARTMENT OF TRANSPORTATION EROSION CONTROL PLANS PHASE 3	HORIZONTAL SCALE 1"=50'	BRIDGE FILE
	CHECKED: JCS	CHECKED: JWG		DESIGNATION 1900049	
RECOMMENDED FOR APPROVAL: _____ DATE _____ DESIGN ENGINEER		SURVEY BOOK 86 OF 188 SHEET		VERTICAL SCALE 1"=10'	PROJECT 1900049
CONTRACT R-42452			SHEET 188 OF 188		

05-0000

I:\Projects\2022\02022000\ProjDevelopment\Design\Drawings\6546-8000.dwg Zentory Samy Pkts:8/29/2022 4:32 PM Save:8/16/2022 1:32 PM



LEGEND

- SILT FENCE
- CULVERT PIPE PROTECTION
- ROCK CHECK DAM
- DITCH SEDIMENT TRAP
- AREA OF CONSTRUCTION

NOTE:
 1. The Erosion Control Phase 3 Is In Accordance With Maintenance Of Traffic Phase 3.
 2. During Construction Protect Unfinished Ditch W/ Check Dams Placed Toe-To-Crest Working From Downgrade Up. Stabilize Ditch With Permanent Erosion Control Measures Immediately Following Final Grade. See Plan and Profiles.

CURVE DATA
 P.I. Sta. 77+08.01 "PR-D"
 $\Delta = 4^{\circ}09'00"$ Rt.
 R = 8994.75'
 T = 311.40'
 L = 622.53'
 E = 5.64'

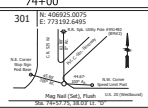
SEC. 6, T.37N., R.3W.
 SPRINGFIELD TOWNSHIP
 LARORTE COUNTY

SEC. 6, T.37N., R.3W.
 SPRINGFIELD TOWNSHIP
 LAPORTE COUNTY
 LARRY J. & LAVONNE S.
 WIENCEK

LUCILLE CHINSKE & PATRICIA PECK

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

T.B.M. 2 - R.R. Spike Set in Power Pole #951482
 Sta. 74+47.63, 100' Lt. "D"
 Elev. 647.44

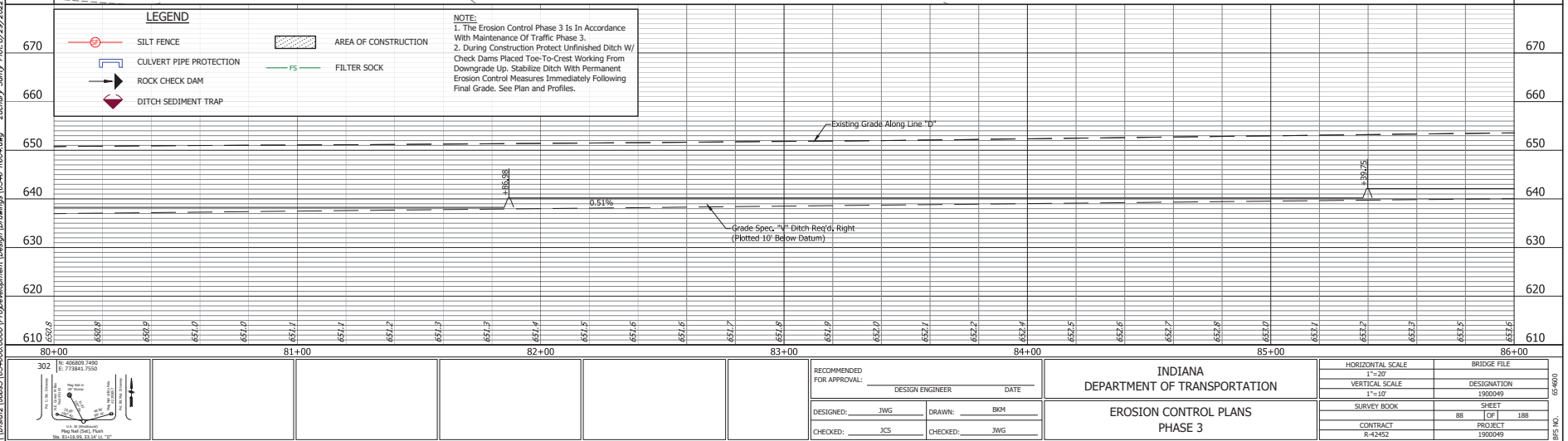
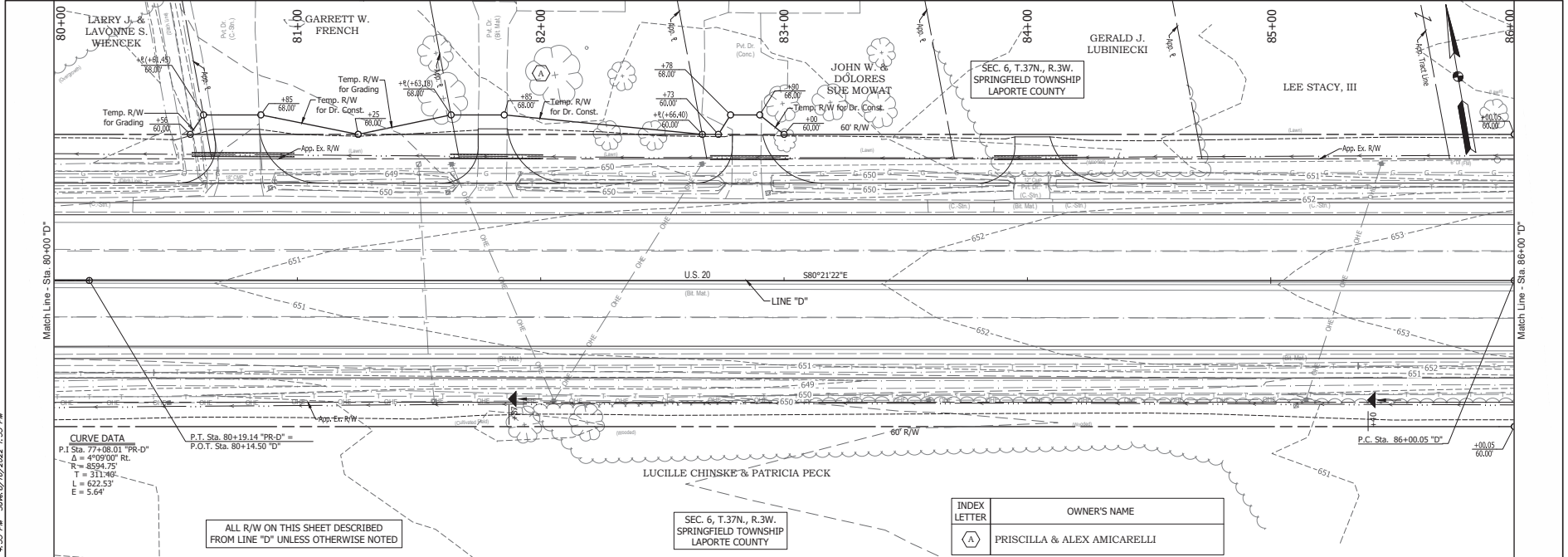


RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER	DATE
DESIGNED: JWG	DRAWN: BKM		
CHECKED: JCS	CHECKED: JWG		

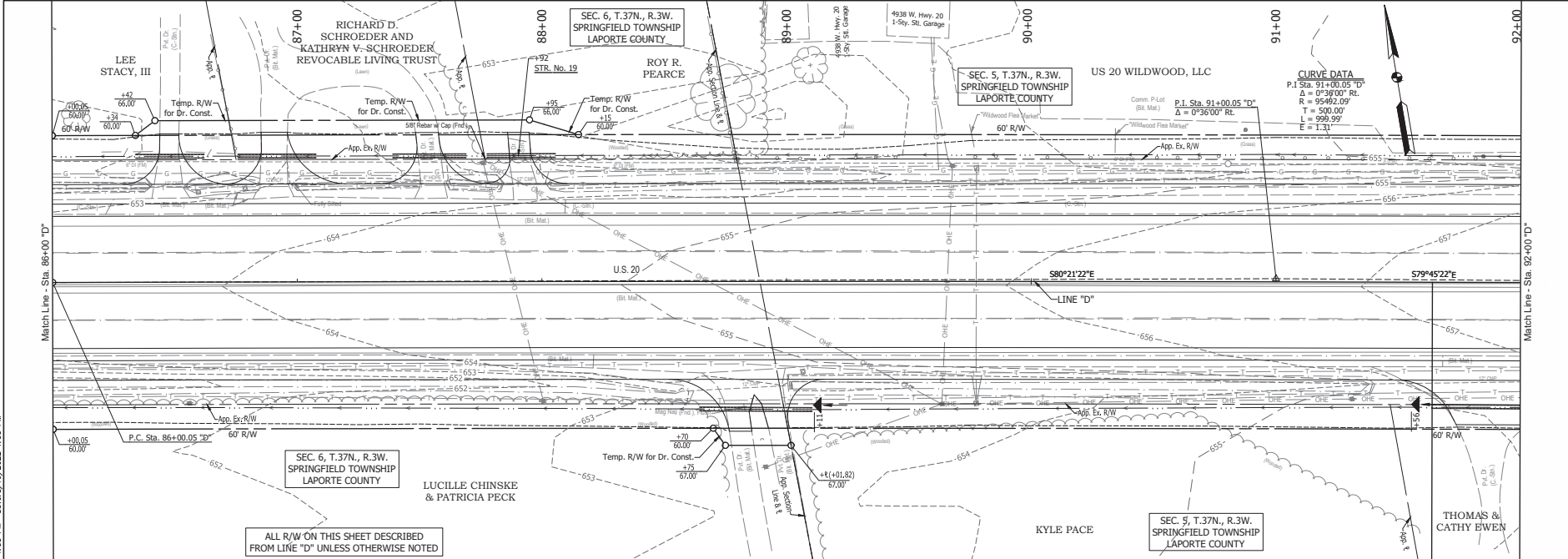
INDIANA
 DEPARTMENT OF TRANSPORTATION
 EROSION CONTROL PLANS
 PHASE 3

HORIZONTAL SCALE	BRIDGE FILE
1"=50'	DESIGNATION
VERTICAL SCALE	1900049
1"=10'	
SURVEY BOOK	SHEET
87	188
CONTRACT	PROJECT
R-42452	1900049

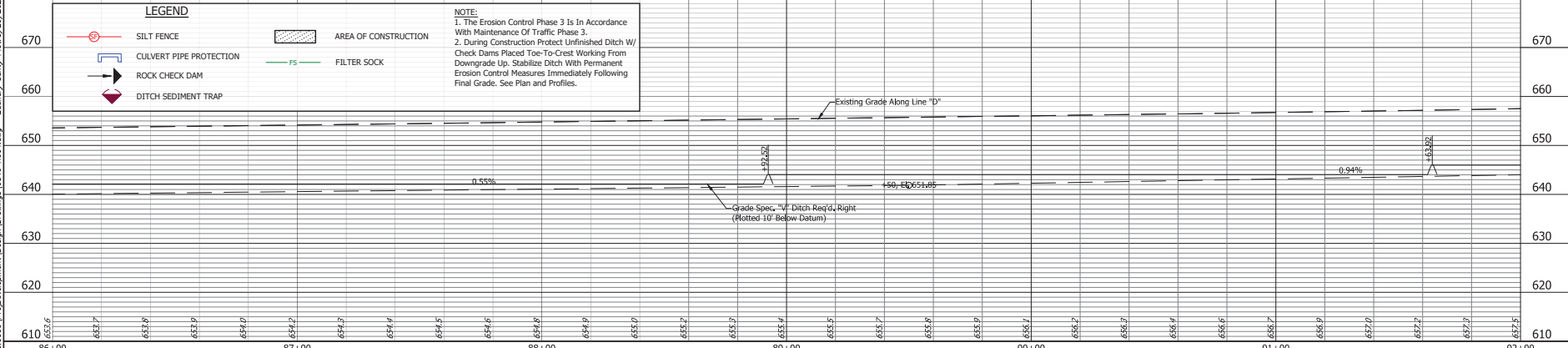
I:\askerz\luba51\654600_0000\Proj\Development\Design\Drawings\6546_0000.dwg Zashby Sany Plot:8/29/2023 4:32 PM Save:8/16/2023 1:32 PM



I:\Projects\2022\02022-02001\Development\Design\Drawings\6546-8804.dwg Zephyr_Smy Plot:8/29/2022 4:32 PM Save:8/16/2022 1:32 PM

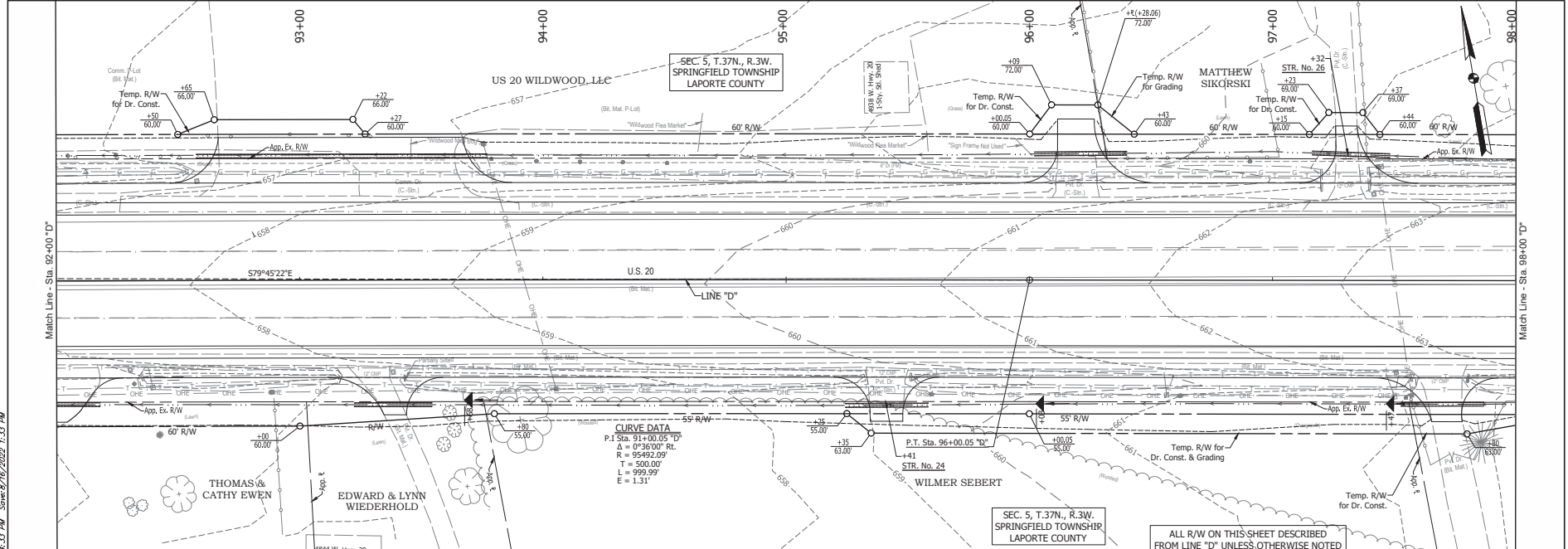


ALL R/W ON THIS SHEET DESCRIBED FROM LINE "D" UNLESS OTHERWISE NOTED.



NOTE:
 1. The Erosion Control Phase 3 Is In Accordance With Maintenance Of Traffic Phase 3.
 2. During Construction Protect Unfinished Ditch W/ Check Dams Placed Toe-To-Crest Working From Downgrade Up. Stabilize Ditch With Permanent Erosion Control Measures Immediately Following Final Grade. See Plan and Profiles.

	RECOMMENDED FOR APPROVAL: DESIGN ENGINEER: _____ DATE: _____ DESIGNED: JWG DRAWN: BKM CHECKED: JCS CHECKED: JWG	INDIANA DEPARTMENT OF TRANSPORTATION EROSION CONTROL PLANS PHASE 3	HORIZONTAL SCALE 1"=50' VERTICAL SCALE 1"=10' SURVEY BOOK 89 CONTRACT R-42452	BRIDGE FILE DESIGNATION 1900049 SHEET 188 PROJECT 1900049
	303 86+00.05 (P.I.) 87+48.21 (P.T.) 88+00.05 (P.C.) 89+00.05 (P.T.) 90+00.05 (P.I.) 91+00.05 (P.T.) 92+00.05 (P.C.)		05-0000	

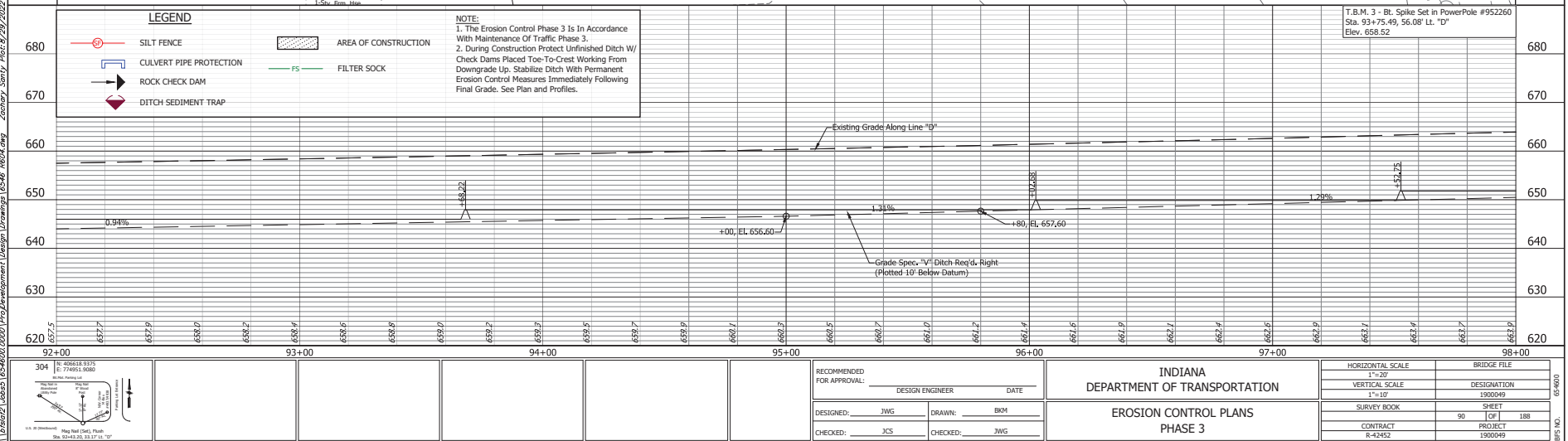


LEGEND	
	SILT FENCE
	CULVERT PIPE PROTECTION
	ROCK CHECK DAM
	DITCH SEDIMENT TRAP
	AREA OF CONSTRUCTION
	FILTER SOCK

NOTE:
 1. The Erosion Control Phase 3 Is In Accordance With Maintenance Of Traffic Phase 3.
 2. During Construction Protect Unfinished Ditch W/ Check Dams Placed Toe-To-Crest Working From Downgrade Up. Stabilize Ditch With Permanent Erosion Control Measures Immediately Following Final Grade. See Plan and Profiles.

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

I:\Projects\2022\2022-0000\Proj\Development\Design\Drawings\0546-0000.dwg Zentory Samy Date: 8/29/2022 4:32 PM Save: 8/16/2022 1:32 PM

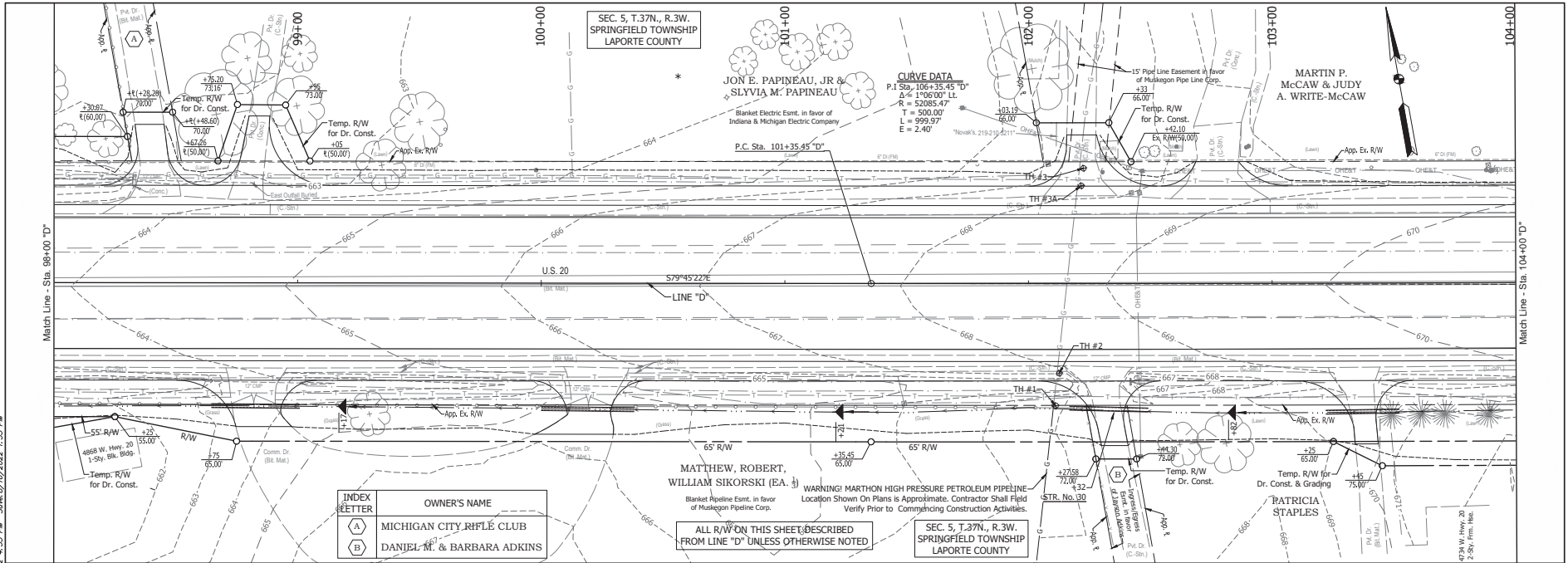


RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER		DATE	
DESIGNED: JWG	DRAWN: BKM				
CHECKED: JCS	CHECKED: JWG				

INDIANA DEPARTMENT OF TRANSPORTATION	
EROSION CONTROL PLANS PHASE 3	

HORIZONTAL SCALE 1"=50'	BRIDGE FILE
VERTICAL SCALE 1"=10'	DESIGNATION 1900049
SURVEY BOOK 90	SHEET 188
CONTRACT R-42452	PROJECT 1900049

I:\Projects\1654000\1654000_0001\ProjDevelopment\Design Drawings\16546_0002.dwg Zentory Saty Prits 8/29/2022 4:32 PM Save 8/16/2022 1:32 PM



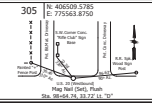
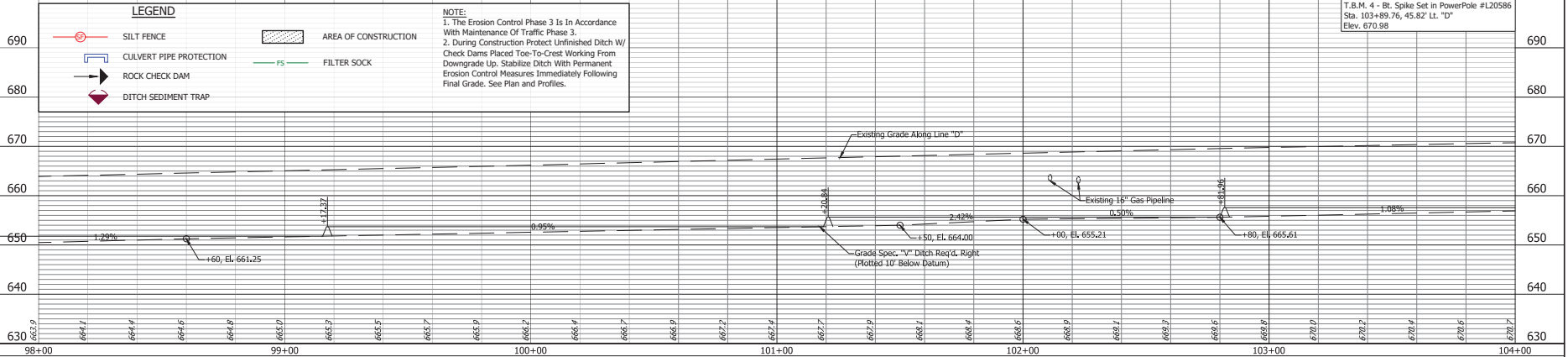
INDEX LETTER	OWNER'S NAME
A	MICHIGAN CITY RIFLE CLUB
B	DANIEL W. & BARBARA ADKINS

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

LEGEND

	SILT FENCE		AREA OF CONSTRUCTION
	CULVERT PIPE PROTECTION		FILTER SOCK
	ROCK CHECK DAM		
	DITCH SEDIMENT TRAP		

NOTE:
 1. The Erosion Control Phase 3 Is In Accordance With Maintenance Of Traffic Phase 3.
 2. During Construction Protect Unfinished Ditch W/ Check Dams Placed Toe-To-Crest Working From Downgrade Up. Stabilize Ditch With Permanent Erosion Control Measures Immediately Following Final Grade. See Plan and Profiles.

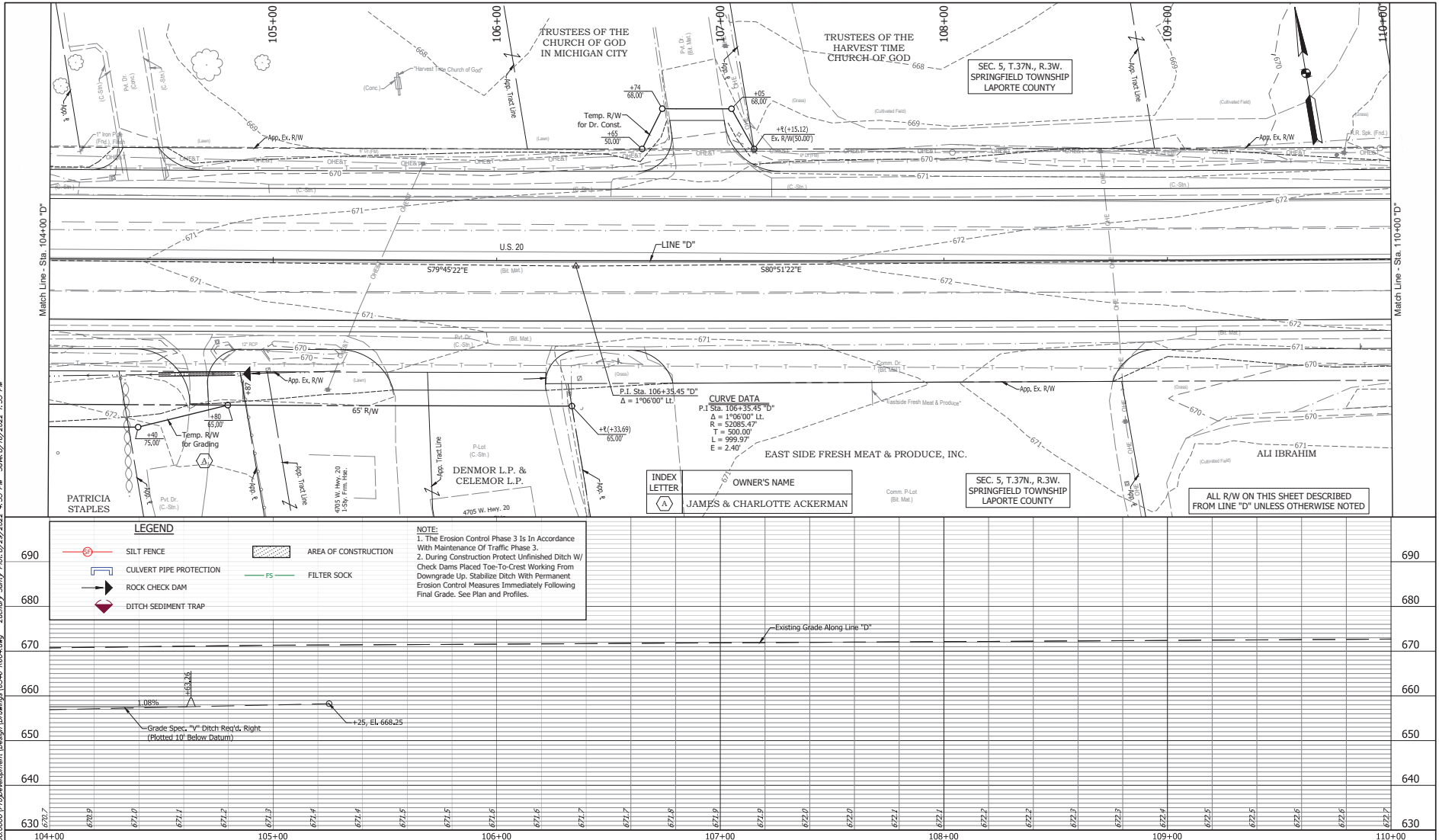


RECOMMENDED FOR APPROVAL:	DESIGN ENGINEER	DATE
DESIGNED: JWG	DRAWN: BKM	
CHECKED: JCS	CHECKED: JWG	

INDIANA
 DEPARTMENT OF TRANSPORTATION
 EROSION CONTROL PLANS
 PHASE 3

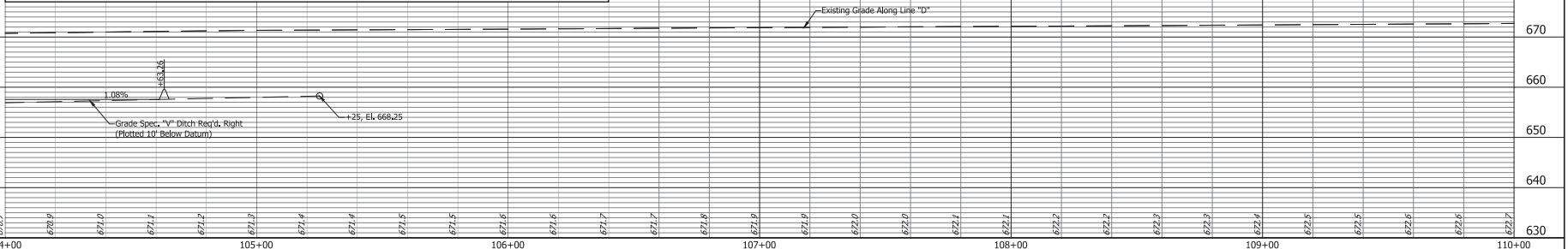
HORIZONTAL SCALE	BRIDGE FILE
1"=50'	DESIGNATION
VERTICAL SCALE	1900049
1"=10'	
SURVEY BOOK	SHEET
91	188
CONTRACT	PROJECT
R-42452	1900049

I:\Projects\2023\1654000\000\Proj\Development\Design\Drawings\16546_8000.dwg Zephyr_Smy Plot: 8/29/2023 4:32 PM Save: 8/16/2023 1:32 PM



LEGEND	
	SILT FENCE
	CULVERT PIPE PROTECTION
	ROCK CHECK DAM
	DITCH SEDIMENT TRAP
	AREA OF CONSTRUCTION
	FILTER SOCK

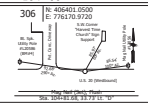
NOTE:
 1. The Erosion Control Phase 3 Is In Accordance With Maintenance Of Traffic Phase 3.
 2. During Construction Protect Unfinished Ditch W/ Check Dams Placed Toe-To-Crest Working From Downgrade Up. Stabilize Ditch With Permanent Erosion Control Measures Immediately Following Final Grade. See Plan and Profiles.



INDEX LETTER	OWNER'S NAME
A	JAMES & CHARLOTTE ACKERMAN

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

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

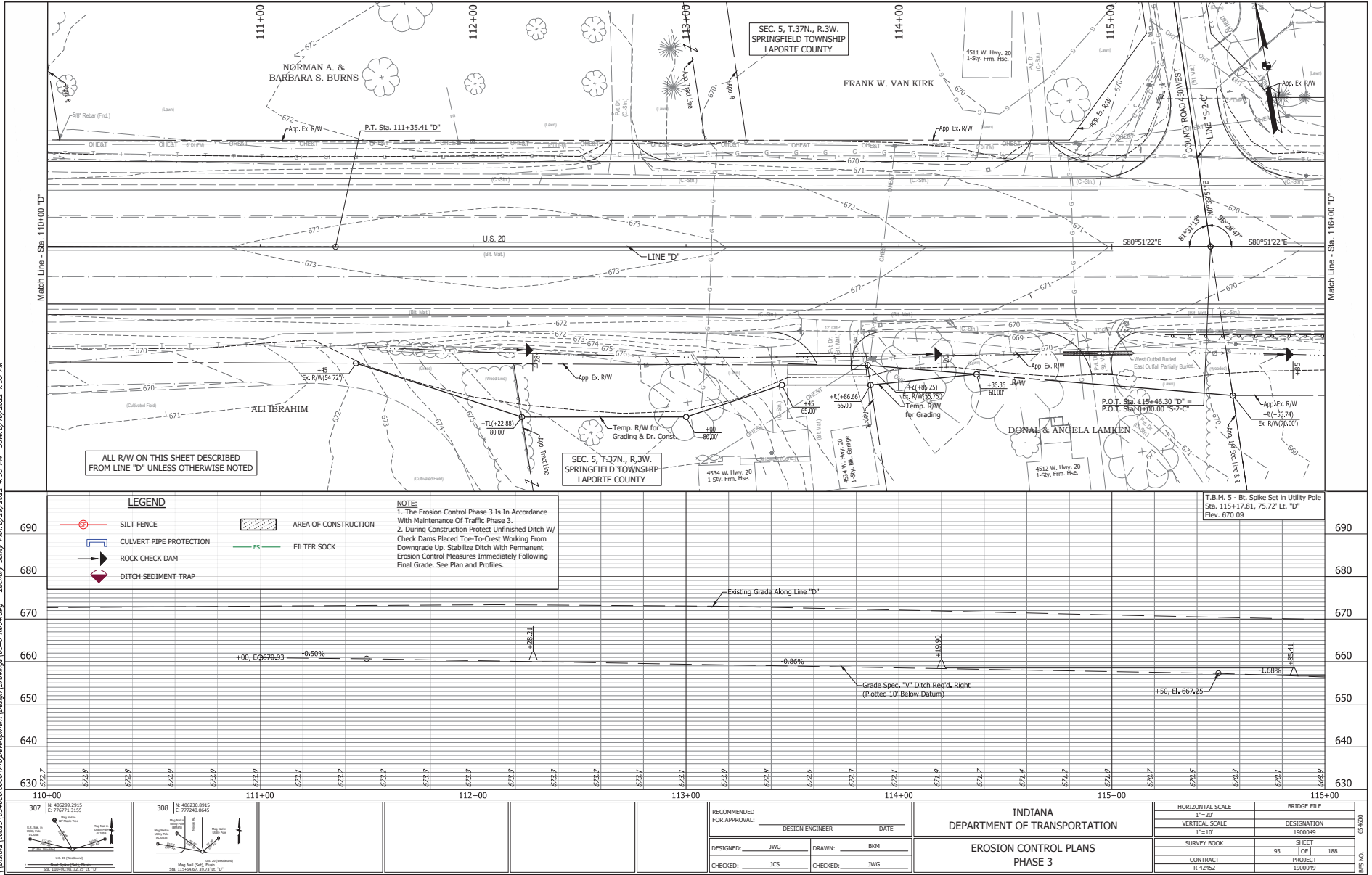


DESIGNED: JWG	DRAWN: BKM
CHECKED: JCS	CHECKED: JWG

INDIANA
 DEPARTMENT OF TRANSPORTATION
 EROSION CONTROL PLANS
 PHASE 3

HORIZONTAL SCALE 1"=50'	BRIDGE FILE
VERTICAL SCALE 1"=10'	DESIGNATION 1900049
SURVEY BOOK 92	SHEET 188
CONTRACT R-42452	PROJECT 1900049

I:\Projects\2022\00001\Proj\Development\Design\Drawings\6546_R000.dwg Zephyr_Smy Plot:8/29/2022 4:32 PM Sun:8/16/2022 1:32 PM



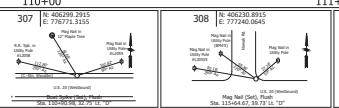
ALL R/W ON THIS SHEET DESCRIBED FROM LINE "D" UNLESS OTHERWISE NOTED

LEGEND

- SILT FENCE
- CULVERT PIPE PROTECTION
- ROCK CHECK DAM
- DITCH SEDIMENT TRAP
- AREA OF CONSTRUCTION
- FILTER SOCK

NOTE:
 1. The Erosion Control Phase 3 Is In Accordance With Maintenance Of Traffic Phase 3.
 2. During Construction Protect Unfinished Ditch W/ Check Dams Placed Toe-To-Crest Working From Downgrade Up. Stabilize Ditch With Permanent Erosion Control Measures Immediately Following Final Grade. See Plan and Profiles.

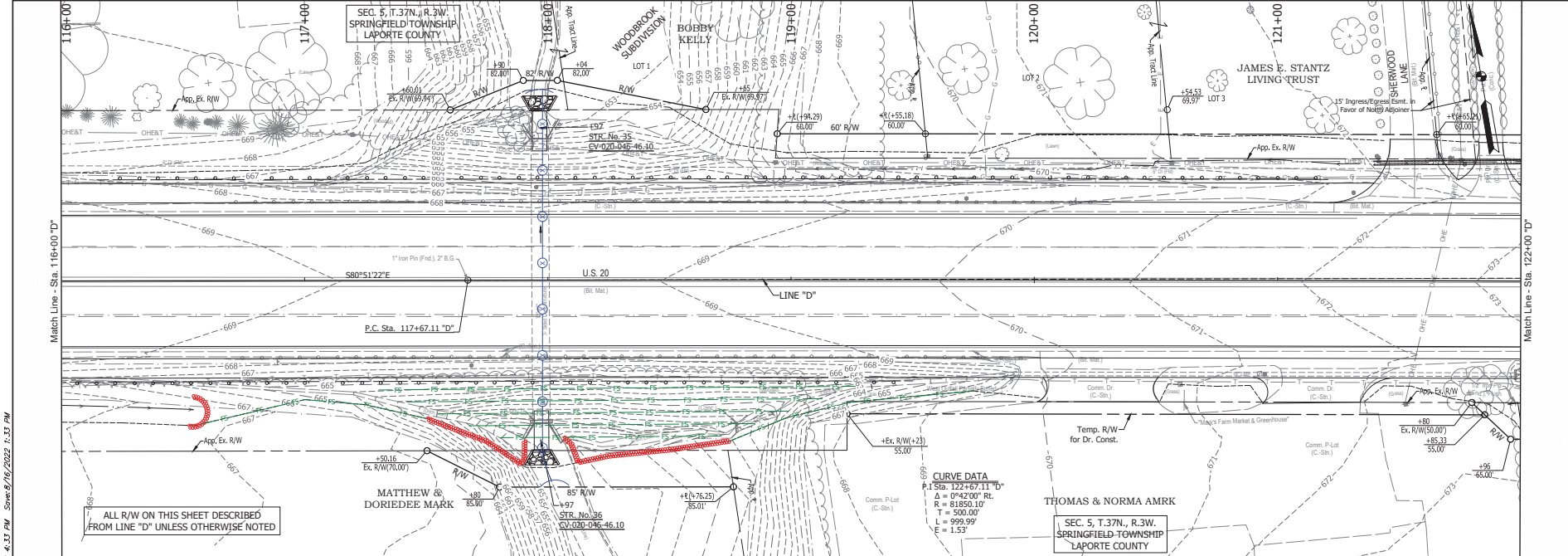
T.B.M. 5 - Bl. Spike Set in Utility Pole
 Sta. 115+17.81, 75.72 Lt. "D"
 Elev. 670.09



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

INDIANA DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLANS PHASE 3

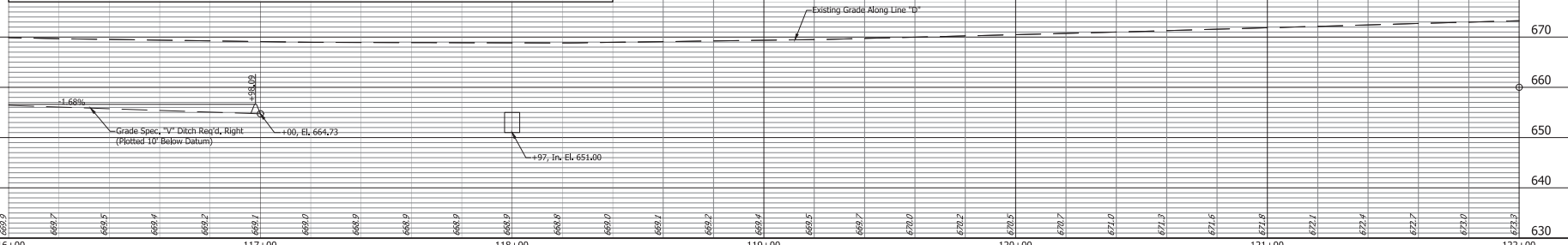
HORIZONTAL SCALE 1"=30'	BRIDGE FILE
VERTICAL SCALE 1"=10'	DESIGNATION 1900049
SURVEY BOOK 93	SHEET 188
CONTRACT R-42452	PROJECT 1900049



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

LEGEND	
	SILT FENCE
	CULVERT PIPE PROTECTION
	ROCK CHECK DAM
	DITCH SEDIMENT TRAP
	AREA OF CONSTRUCTION
	FILTER SOCK
	ROCK FILTER BERM
	PUMP AROUND

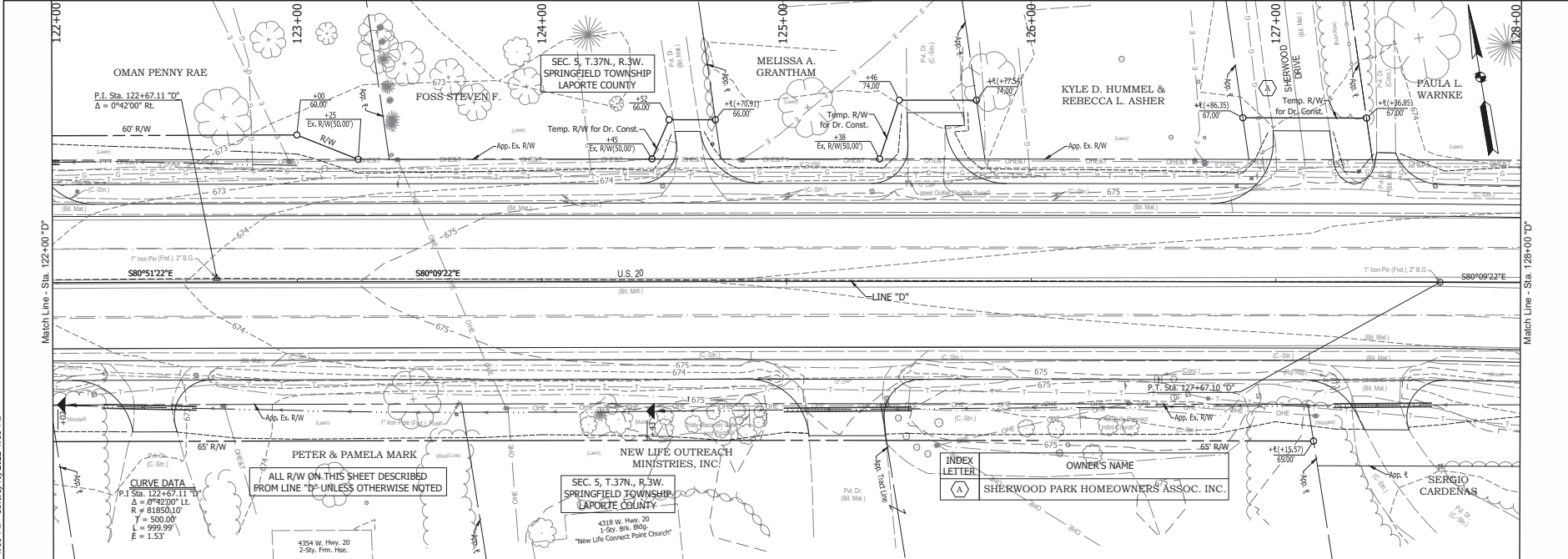
NOTE:
 1. The Erosion Control Phase 3 Is In Accordance With Maintenance Of Traffic Phase 3.
 2. During Construction Protect Unfinished Ditch W/ Check Dams Placed Toe-To-Crest Working From Downgrade Up. Stabilize Ditch With Permanent Erosion Control Measures Immediately Following Final Grade. See Plan and Profiles.



 300' 1" = 300' 310' 1" = 310'	RECOMMENDED FOR APPROVAL: DESIGN ENGINEER: _____ DATE: _____ DESIGNED: JWG DRAWN: BKM CHECKED: JCS CHECKED: JWG	INDIANA DEPARTMENT OF TRANSPORTATION EROSION CONTROL PLANS PHASE 3	HORIZONTAL SCALE: 1" = 30' VERTICAL SCALE: 1" = 10' SURVEY BOOK: 94 CONTRACT: R-42452	BRIDGE FILE: _____ DESIGNATION: 1900049 SHEET: 188 PROJECT: 1900049
--------------------------------------	--	--	--	--

I:\askerz\Jobs\1654000\0001\Proj\Development\Design\Drawings\16546_8000.dwg Zashy Sanj Date: 8/16/2022 1:32 PM
 I:\askerz\Jobs\1654000\0001\Proj\Development\Design\Drawings\16546_8000.dwg Zashy Sanj Date: 8/29/2022 4:32 PM

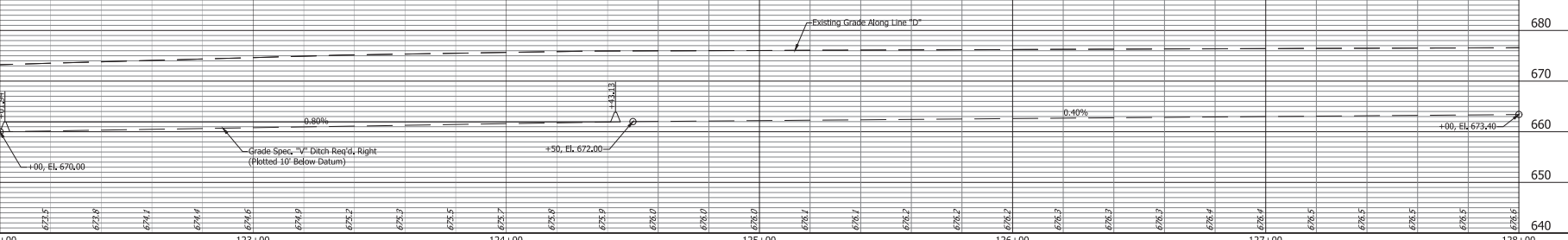
I:\Projects\2022\02022-0200\ProgramDevelopment\Design\Drawings\6546-8002.dwg Zentory Sanly Print: 8/29/2022 4:32 PM Scale: 8/16/2022 1:32 PM



LEGEND

	SILT FENCE		AREA OF CONSTRUCTION
	CULVERT PIPE PROTECTION		FILTER SOCK
	ROCK CHECK DAM		
	DITCH SEDIMENT TRAP		

NOTE:
 1. The Erosion Control Phase 3 Is In Accordance With Maintenance Of Traffic Phase 3.
 2. During Construction Protect Unfinished Ditch W/ Check Dams Placed Toe-To-Crest Working From Downgrade Up. Stabilize Ditch With Permanent Erosion Control Measures Immediately Following Final Grade. See Plan and Profiles.



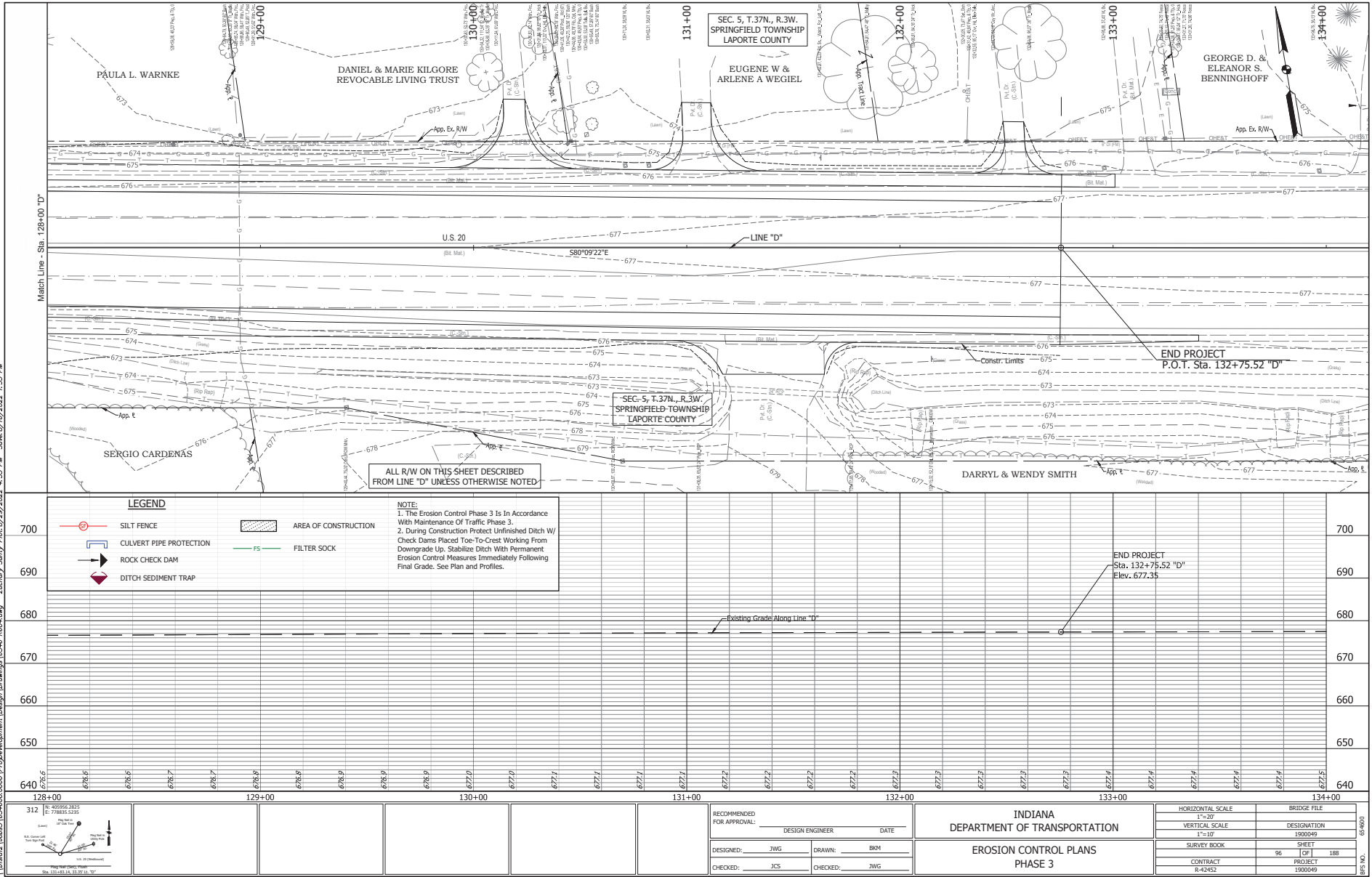
RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER	DATE
DESIGNED: JWG	DRAWN: BKM		
CHECKED: JCS	CHECKED: JWG		

INDIANA
 DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLANS
 PHASE 3

HORIZONTAL SCALE	BRIDGE FILE
1"=50'	DESIGNATION
1"=10'	1900049
SURVEY BOOK	SHEET
95	188
CONTRACT	PROJECT
R-42452	1900049

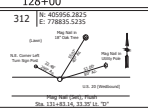
I:\Projects\2022\162546\162546-0001\ProjectDevelopment\Design\Drawings\162546-0001.dwg Zentory Samy Date: 8/29/2022 4:32 PM Save: 8/16/2022 1:32 PM



LEGEND

	SILT FENCE		AREA OF CONSTRUCTION
	CULVERT PIPE PROTECTION		FILTER SOCK
	ROCK CHECK DAM		
	DITCH SEDIMENT TRAP		

NOTE:
 1. The Erosion Control Phase 3 Is In Accordance With Maintenance Of Traffic Phase 3.
 2. During Construction Protect Unfinished Ditch W/ Check Dams Placed Toe-To-Crest Working From Downgrade Up. Stabilize Ditch With Permanent Erosion Control Measures Immediately Following Final Grade. See Plan and Profiles.



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

INDIANA
 DEPARTMENT OF TRANSPORTATION
 EROSION CONTROL PLANS
 PHASE 3

HORIZONTAL SCALE 1"=50'	BRIDGE FILE
VERTICAL SCALE 1"=10'	DESIGNATION 1900049
SURVEY BOOK 96	SHEET 188
CONTRACT R-42452	PROJECT 1900049

Construction Stormwater General Permit (CSGP) Checklist - Section A: Construction Plan Elements		CSGP Checklist - Section A: (Continued)		CSGP Checklist - Section B: (Continued)		CSGP Checklist - Section B: (Continued)	
A-1	Index Of The Location Of Required Plan Elements In The Construction Plan See The Next Sheet. Plan Elements A2-A31, B1-B15, & C1-C6 Have Also Been Addressed On This Sheet And Are As Follows:	A-23	Total Expected Land Disturbance Expressed In Acres 7.40 Acres	B-11	(Continued) Maintenance Shall Include A Written Record Of Each Inspection That Is Made Within 24 Hours Of A Rain Event And Weekly. The Written Record Shall Be Made Available Upon Request.	B-12	(Continued) Phase 2: A. Install Erosion Control Measures As Each New Item Of The Project Is Installed As Required On The North Half Of US 20 Which May Include But Is Not Limited To Culvert Pipe Protection, Silt Fence, Rock Check Dams, Erosion Control Blankets, and Riprap.
A-2	A Vicinity Map Depicting The Project Site Location In Relation To Recognizable Local Landmarks, Towns, And Major Roads See Title Sheet.	A-24	Proposed Final Topography Refer To The Plan & Profile & Cross Section Sheets For Final Topography.		Temporary Construction Entrance: Inspect Weekly, Within 24 Hours Of Every Half-Inch Rain Event, And After Heavy Use. A. Reshape Pad As Needed. B. Top Dress Pad As Needed. C. Remove Immediately Any Mud And Sediment Tracked Or Washed Onto The Street Using Brushing Or Sweeping. Flush Area Only If Runoff Will Be Flowing Through A Sediment Trap. Repair Any Damaged Pavement Immediately.	B-13	Phase 2: A. Install Erosion Control Measures As Each New Item Of The Project Is Installed As Required On The North Half Of US 20 Which May Include But Is Not Limited To Culvert Pipe Protection, Silt Fence, Rock Check Dams, Erosion Control Blankets, and Riprap.
A-3	Narrative Of The Nature And Purpose Of The Project The Purpose Of The Project Is Making Improvements To US 20, Adding a Two-Way Left Turn Lane and Widening Shoulders.	A-25	Locations And Approximate Boundaries Of All Disturbed Areas See The Plan & Profile Sheets For Construction Limits.		Silt Fence (Per INDOT Standard Specification 205.07(b)) A. Replace If Torn, Starts To Degrade, Or Becomes Ineffective In Anyway. B. Remove Sediment When It Reaches Half Of The Fence Height Taking Care Not To Undermine.	B-14	Vehicle Handling And Spill Response Plan Meeting The Requirements In 327 IAC 2-6.1. Material And Equipment Maintenance: Onsite Vehicle And Equipment Maintenance Should Only Be Used Where It Is Impractical To Send Vehicles And Equipment Offsite For Maintenance And Repair. If Maintenance Occurs Onsite, The Area Where Repairs Are To Be Made Must Be Located Away From Drainage Courses. Drip Pans And/Or Absorbent Pads Should Be Used During Vehicle And Equipment Maintenance Work That Involves Fluids, Unless The Maintenance Work Is Performed Over An Impermeable Surface In A Dedicated Maintenance Area. Inspect Onsite Vehicles And Equipment Daily At Startup For Leaks, And Repair Immediately. Properly Dispose Of Used Oils, Fluids, Lubricants And Spill Cleanup Materials. Do Not Place Used Oil In A Dumpster Or Pour Into A Storm Drain Or Watercourse.
A-4	Latitude And Longitude To The Nearest Fifteen (15) Seconds (Approximate) Latitude: 41.6917, Longitude: -86.8000.	A-26	Location, Size, And Dimension Of All Stormwater Drainage Systems, Such As Culverts, Storm Sewers, And Conveyance Channels Location Dimensions 6x6 Reinforced Concrete Box Culvert		Riprap: A. Check For And Repair Any Adjacent Erosion. B. Repair Washed Out Areas.		Vehicle Fueling: Onsite Vehicle And Equipment Fueling Should Only Be Used Where It Is Impractical To Send Vehicles And Equipment Offsite For Fueling. Drip Pans And Absorbent Pads Should Be Used During Vehicle And Equipment Fueling, Unless The Fueling Is Performed Over An Impermeable Surface In A Dedicated Fueling Area. Nozzles Used In Vehicle And Equipment Fueling Should Be Equipped With An Automatic Shutoff To Control Drips. Fueling Operations Should Be Left Unattended. Federal, State, And Local Requirements Should Be Observed For Any Stationary Above Ground Storage Tanks.
A-5	Legal Description Of The Project Site Sections 5 & 6; Township 37 N; Range 3 W; From 0.15 Miles To 1.25 Miles East Of US 35.	A-27	Locations Of Specific Points Where Stormwater And Non-Stormwater Discharges Will Leave The Project Site See The Plan & Profile And Cross Section Sheets.		Check And Maintain Any Additional Erosion Control Measures As Needed In Accordance With INDOT Standard Specification 205.03.		Alert Procedure For Spills: In The Event Of A Material Spill (Fuel, Oil, Fluids, Lubricants, Etc.), Barricade The Area Allowing No Vehicles To Enter Or Leave The Spill Zone. Notify The Indiana Department Of Environmental Management (IDEM), Office Of Emergency Response, By Calling The Appropriate Phone Numbers: Office 317-233-7745 Or Toll Free: 800-233-7745. Also, The National Response Center At 800-424-8802 And Provide The Following Information: Time Of Observation Of The Spill, Location Of The Spill, Identify Material Spilled, Probable Time And Source Of Spill, Weather Conditions, Personnel At Scene And Action Initiated By Personnel. Notify The Local Fire Department And Police Department. Coordinate And Monitor Cleanup Until The Situation Has Been Stabilized And The Spill Has Been Eliminated.
A-6	11x17 Inch Plat With Building, Lots, Boundaries, Road Layout Names See Plat No. 1 Sheets.	A-28	Location Of All Proposed Site Improvements, Including Roads, Utilities, Lot Delineation And Identification, Proposed Structures, And Common Areas Improvements Shall Be Contained Within The Construction Limits As Shown On The Plan & Profile Sheets.		B-12 Planned Construction Sequence Describing Stormwater Quality Measure Implementation Relative To Land Disturbing Activities Preconstruction: A. Notify Project Owner B. Contact The Indiana Underground Plant Protection Systems, Inc. To Verify The Location Of Any And All Underground Utilities C. Install Temporary Construction Entrances At All Access Points. D. Exhibit CSGP Information At The Job Site. Contractor Shall Designate A Person Responsible For On-Site Inspections And For Providing This Stormwater Pollution Prevention Plan (SWP3) On-Site. E. Install Silt Fence. Construction: A. Establish Construction Entrances. B. Contractor Shall Construct Concrete Washouts. Contractor Shall Coordinate Location Of Concrete Washouts At The Direction Of The Engineer. C. Install Erosion Control Measures As Each New Item Of The Project Is Installed As Required Which May Include But Is Not Limited To Culvert Pipe Protection, Silt Fence, Rock Check Dams, Erosion Control Blankets, and Riprap. D. The Contractor Shall Coordinate With The Engineer On The Location Of The Following Construction Areas Prior To Implementation: Staging Areas, Material Storage Areas, & Fueling Stations. E. Complete Cleaning Of Right Of Way For Utility Relocations And For Proposed Roadway Improvements. F. Temporary Seed Disturbed Areas If To Be Disturbed More Than Seven (7) Days. G. Grade Existing Ditches To Drain. H. Install Sediment Control Measures Prior To Discharge Points.	B-15	Material Handling And Storage Procedures Associated With Construction Activity Describing The Management And Disposal Of Construction Products And Waste, Including Concrete And Cementitious Washout Areas And Management Measures Debris Collection: To Prevent Clogging Of The Storm Drainage System, Litter And Debris Removal From Drainage Grates, Trash, Rocks, and Ditch Lines Should Be A Priority. Construction Debris And Waste Should Be Removed From The Site Weekly Or More Frequently As Needed. Construction Material Visible To The Public Should Be Stored In An Orderly Manner. Stormwater Runoff Should Be Prevented From Contacting Stored Solid Waste.
A-7	Boundaries Of The One Hundred (100) Year Floodplains, Floodway Fringes, And Floodways See The Attached Flood Insurance Rate Map.	A-29	Location Of All On-Site And Off-Site Soil Stockpiles And Borrow Areas Proposed Borrow Or Disposal Sites Shall Be Identified By The Contractor Before The Material Is Excavated Or Disposed Of Within Or Outside The R/W In Accordance w/Section 203.08, 203.09, & 212. The Contractor Shall Comply w/Section 108.04 Of The Indiana Department Of Transportation (INDOT) Standard Specifications.				Concrete Washout: Per INDOT Standard Specifications 205.03(e), Perform Washout Of Concrete Trucks Offsite Or In Designated Areas Only. Straw Bale Washout Pits Will Not Be Allowed. Concrete Washout Wastewater May Either Be Recycled Back Into The Truck, Washed Out Into An Adequately Sized And Lined Roll Off Container Or Lined In-Ground Pit. An Approved Manufacturer Product, Or Taken Back To The Batch Plant. Lined Solid Consist Of A Minimum Of One Sheet Of 10 Mil Plastic, Be Continuous With No Over Lapping, And Shall Be Free Of Breaks.
A-8	Land Use Of All Adjacent Properties The Land Use Within, And Adjacent To, The Project Limits Mostly Consists Of Residential Development, Farmland And Forested.	A-30	Construction Support Activities That Are Expected To Be Part Of The Project Construction Support Activities Including, But Not Limited To, Staging Areas And Material Storage Areas Are Expected To Be Part Of This Project. The Location Of Such Areas Are To Be Determined By The Engineer.				For On Site Washout: Per INDOT Standard Specifications 205.03(e), Locate Washout Area At Least Fifty (50) Feet From Storm Drains, Open Ditches Or Bodies Of Water; Do Not Allow Runoff From This Area By Constructing A Temporary Berm Or Holding Area Large Enough For Liquid And Solid Waste; Wash Out Waste Into The Designated Area Where The Concrete Can Set And Be Broken Up And Then Disposed Of Properly.
A-9	Identification Of U.S. EPA Approved Or Established Total Maximum Daily Load (TMDL) TMDL Name TMDL Pollutant Trail Creek Escherichia Coli (E. Coli)	A-31	Location Of Any In-Stream Activities That Are Planned For The Project Including, But Not Limited To Stream Crossings And Pump Arounds A Reinforced Concrete Box Structure At Sta. 117+97 "D" Will Be Extended On The North And South Side Of US 20. This Work Will Take Place In-Stream. A Pump Around Will Be Required During The Construction Of The Extensions. As Coordinated With The INDOT Environmental Services, A Construction In A Floodway Permit Will Not Be Required For This Project.				
A-10	Name(s) Of Receiving Water(s) Stormwater Will Ultimately Discharge To The East Branch Trail Creek.	CSGP Checklist - Section B: Stormwater Pollution Prevention Plan - Erosion And Sediment Control/Project Site Management					
A-11	Identification Of Discharges To A Water On The Current 303(d) List Of Impaired Waters And The Pollutant(s) For Which It Is Impaired Trail Creek - Escherichia Coli (E. Coli) (East Branch Trail Creek is included in the TMDL report for the Trail Creek TMDL.)	B-1	Description Of Potential Pollutant Generating Sources And Pollutants Associated With Construction Activities See The Potential Storm Water Pollutants And Spill Prevention Handing Table Located On The Erosion Control Notes.				
A-12	Soils Map Of The Predominant Soil Types See The Attached Soils Map Ad Adrian Muck, Drained, 0 to 1 Percent Slopes 0.3% BA Blount Silt Loam, Lake Michigan Lobe, 0 to 2 Percent Slopes 2.2% BBA Brems Fine Sand, 0 to 3 Percent Slopes 31.5% CBB Chelsea Fine Sand, 0 to 6 Percent Slopes 8.9% FH Filigaults, Loamy 5.6% GF Gilford Fine Sandy Loam, 0 to 1 Percent Slopes 1.6% MxA Morocco Loamy Sand, Lake Plain, 0 to 2 Percent Slopes 4.9% OAC Oakville Fine Sand, 4 to 12 Percent Slopes 3.6% SEA Selfridge Loamy Sand, 0 to 2 Percent Slopes 0.5% TYA Tyrner Loamy Sand, 0 to 2 Percent Slopes 41.1%	B-2	Stable Construction Entrance Locations And Specifications (At All Points Of Ingress And Egress) The Contractor Shall Utilize Existing Streets And Drives As Much As Possible For Construction Ingress And Egress. The Contractor Shall Keep Public Roads And Private Drives Clear And Remove All Dust, Dirt, And Debris As A Result Of Construction Activities. Temporary Construction Entrances Shall Meet The Requirements Of The Construction Grade Entrance As Shown On The Erosion Control Details.				
A-13	Identification And Location Of All Known Wetlands, Lakes And Watercourses On Or Adjacent To The Project Site See The Water Resources Red Flag Investigation Map For Identification And Location Of All Wetlands, Lakes And Watercourses Within A Half Mile Radius Of The Project Area.	B-3	Specifications For Temporary And Permanent Stabilization Seeding Of Disturbed Areas Shall Be Implemented For All Disturbed Land Left Inactive For A Period Of Seven (7) Days. Permanent Seeding Shall Be Implemented For All Disturbed Land And Shall Occur Once Final Grading Has Been Completed. See The Plan & Profile Sheets & Erosion Control Details. See Item B-12 For Sequencing Information, And The Erosion Control Notes For Application Information For Seeding And Mulching.	B-4	Sediment Control Measures For Concentrated Flow Areas Sediment Control Will Be Handled Via Ditch Soddling, Erosion Control Blankets and Riprap. See The Erosion Control Sheets And INDOT Standard Drawings E 205-TECD-11.		
A-14	Identification And Status Of Any Other State Or Federal Water Quality Permits Or Authorizations That Are Required For Construction Activities And The Expected Timeline If The Permits Have Not Been Obtained IDEM Section 401 WQC Regional General Permit USACE Section 404 Regional General Permit	B-5	Sediment Control Measures For Sheet Flow Areas Sediment Control Will Be Handled Via Silt Fence And By Temporary & Permanent Seeding. See The Plan & Profile, Erosion Control Sheets And INDOT Standard Drawing E 205-TECD-11.	B-6	Run-Off Control Measures (e.g., Diversion, Rock Check Dams, Swales, etc.) Runoff Will Be Controlled By Rock Check Dams, Silt Fence and Temporary Seeding. See The Erosion Control Sheets and INDOT Standard Drawings E 205-TECD.		
A-15	Identification And Delineation Of Existing Cover, Including Natural Buffers The Project Is Located Mostly On Grasslands, Cultivated Crops And Woods.	B-7	Stormwater Outlet Protection Locations And Specifications Stormwater Outlet Protection Will Be Handled Via Riprap, Rock Filter Berms, Or Rock Check Dams. See The Erosion Control Sheets & Erosion Control Details.	B-8	Grade Stabilization Structure Locations And Specifications A Grade Stabilization Will Be Required For The Project. See The Erosion Control Sheets & Erosion Control Details.		
A-16	Existing Topography At A Contour Interval Appropriate To Indicate Drainage Patterns See The Plan & Profile, Erosion Control, & Cross Section Sheets.	B-9	Dewatering Applications And Management Methods (Basin Outlet Measures, Flocculants, etc.) A Reinforced Concrete Box Structure At Sta. 117+97 "D" Will Be Extended On The North And South Side Of US 20. This Work Will Take Place In-Stream. A Pump Around Will Be Required During The Construction Of The Extensions. As Coordinated With The INDOT Environmental Services, A Construction In A Floodway Permit Will Not Be Required For This Project.	B-10	Measures Utilized For Work Within Waterbodies (Crossings, Coffers Dams, etc.) Temporary Coffers Dams Are Utilized For Pump Arounds. See The Erosion Control Sheets For Locations Of Pump Arounds And Corresponding Temporary Coffers Dams.		
A-17	Location(s) Of Where Run-Off Enters The Project Site See The Plan & Profile & Cross Section Sheets.	B-11	Maintenance Guidelines For Each Proposed Temporary Stormwater Quality Measure The Contractor Shall Maintain All Water Quality Measures During Construction To Prevent Any Blockages From Accumulated Sediment. Monitoring Of The Protective Measures Shall Be Done On A Weekly Basis And Again Within 24 Hours Of Every Half-Inch Rain Event.				
A-18	Location(s) Of Where Run-Off Discharges From The Project Site Prior To Land Disturbance See The Plan & Profile & Cross Section Sheets.						
A-19	Location Of All Existing Structures On The Project Site See The Plan & Profile Sheets.						
A-20	Location, Size, And Dimensions Of Features, Such As Existing Permanent Retention Or Detention Facilities, Including Manmade Wetlands, Designed For The Purpose Of Stormwater Management N/A.						
A-21	Locations Where Stormwater May Be Directly Discharged Into Ground Water, Such As Abandoned Wells, Sinkholes, Or Karst Features Potential Locations For Groundwater Infiltration Include Roadside Ditches.						
A-22	Size Of The Project Area Expressed In Acres 14.81 Acres.						





1:16:52Z 1/26/2024 15:56:00.0020 Project: 20240321 4-31 Drawn: 2/29/2024 4:31 PM Scale: 1/4" = 1'-0" Project: 20240321 4-31 Drawn: 2/29/2024 4:31 PM Scale: 1/4" = 1'-0"

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE _____ VERTICAL SCALE _____	BRIDGE FILE _____ DESIGNATION _____ 1900049 _____	68-0600
DESIGNED: JWG DRAWN: DRM	EROSION CONTROL NOTES		SURVEY BOOK _____ SHEET _____ 1 OF 1 _____		
CHECKED: CWV CHECKED: JWG			CONTRACT _____ PROJECT _____ R-4282 1900049 _____		

CSGP Checklist - Section C:
Stormwater Pollution Prevention Plan - Post-Construction

- C-1** Description Of Potential Pollutants And Their Sources Associated With The Proposed Land Use See The Potential Storm Water Pollutants And Spill Prevention Handling Table Located On The Erosion Control Details.
- C-2** Description Of Proposed Post Construction Stormwater Quality Measures. Permanent Erosion Control Measure Will Be Used As Shown On The Plan & Profile And Erosion Control Sheets For Post-Construction Stormwater Quality Management. Seed Will Be Used In All Disturbed Areas For Permanent Stormwater Quality Measures. Geotextiles Will Be Utilized Under Riprap At All Locations In Accordance w/INDOT Standard Specifications 616.11. Riprap Splash Pads Shall Be Constructed At Pipe Outlets As Shown On The Plan & Profile And Erosion Control Sheets In Accordance With 616.05.
- | Location | Pre-Construction (10 yr.) | Post-Construction (10 yr.) |
|-------------------------|---------------------------|----------------------------|
| 255+00 to 284+00 "PR-D" | 27.93 cfs | 29.92 cfs |
- C-3** Location, Dimensions, Detail Specifications, And Construction Details Of All Post-Construction Stormwater Quality And Stormwater Management Measures Listed In C-2 Above See The Erosion Control Sheets & Erosion Control Details.
- C-4** Sequence Describing Stormwater Quality Measure Implementation. All Disturbed Ground Will Be Seeded And Stabilized Immediately After Grading Or When The Project Is Substantially Complete. Riprap Splash Pads And Geotextiles Shall Be Constructed As Soon As Outlet Structures Are Installed. See The Plan & Profile, Erosion Control & Erosion Control Detail Sheets.
- C-5** Description Of Maintenance Guidelines For Post Construction Stormwater Quality Measures. The Contractor Shall Ensure That Revegetated Areas Become Fully Established And Shall Water, Re-Seed And Re-Stabilize As Necessary. The Owners Shall Clean Up Trash And Shall Perform Maintenance On The Storm Sewer System At Regularly Scheduled Intervals.
- C-6** Entity That Will Be Responsible For Operation And Maintenance Of The Post-Construction System (If Known)
INDOT LaPorte District

INDOT STANDARD DRAWING REFERENCES

-  SILT FENCE
Installation Shall Be Per INDOT Standard Drawing E 205-TECD-11.
-  FILTER SOCK
Installation Shall Be Per INDOT Standard Drawing E 205-TECD-10.
-  CULVERT PIPE PROTECTION
Installation Shall Be Per INDOT Standard Drawing E 205-TECD-02.
-  ROCK CHECK DAM
Installation Shall Be Per INDOT Standard Drawing E 205-TECD-06.

EROSION AND SEDIMENT CONTROL PLAN ELEMENTS		
ITEM NO.	DESIGNATION	SHEET NO.
A-1	STORMWATER POLLUTION PREVENTION PLAN INDEX	
A-2	VICINITY MAP	
A-3	PROJECT NARRATIVE	
A-4	PROJECT LATITUDE AND LONGITUDE	
A-5	LEGAL DESCRIPTION	
A-6	11x17 INCH PLAT SHEETS	
A-7	BOUNDARIES OF 100-YEAR FLOODPLAINS, FLOODWAY FRINGES, AND FLOODWAYS	
A-8	LAND USE OF ADJACENT PROPERTIES	
A-9	IDENTIFICATION OF U.S. EPA APPROVED OR ESTABLISHED TMDL	
A-10	NAME(S) OF RECEIVING WATER(S)	
A-11	IDENTIFICATION OF DISCHARGES TO WATER ON 303(d) LIST	
A-12	SOILS MAP	
A-13	IDENTIFICATION AND LOCATION OF ALL KNOW WETLANDS, LAKES AND WATERCOURSES	
A-14	IDENTIFICATION OF ANY OTHER STATE OR FEDERAL WATER QUALITY PERMITS	
A-15	IDENTIFICATION AND DELINEATION OF EXISTING COVER	
A-16	EXISTING SITE TOPOGRAPHY	
A-17	LOCATION(S) WHERE RUN-OFF ENTERS PROJECT SITE	
A-18	LOCATION(S) WHERE RUN-OFF DISCHARGES FROM PROJECT SITE PRIOR TO LAND DISTURBANCE	
A-19	LOCATION OF ALL EXISTING STRUCTURES ON THE PROJECT SITE	
A-20	EXISTING PERMANENT RETENTION OR DETENTION FACILITIES	
A-21	LOCATION(S) WHERE STORMWATER MAY BE DIRECTLY DISCHARGED INTO GROUND WATER	
A-22	SIZE OF THE PROJECT AREA	
A-23	TOTAL EXPECTED LAND DISTURBANCE	
A-24	PROPOSED FINAL TOPOGRAPHY	
A-25	LOCATIONS AND APPROXIMATE BOUNDARIES OF ALL DISTURBED AREAS	
A-26	LOCATIONS, SIZE, AND DIMENSIONS OF ALL STORMWATER DRAINAGE SYSTEMS	
A-27	LOCATIONS OF SPECIFIC POINTS WHERE DISCHARGE WILL LEAVE PROJECT SITE	
A-28	LOCATION OF ALL PROPOSED SITE IMPROVEMENTS	
A-29	LOCATION OF ALL ON-SITE AND OFF-SITE SOIL STOCKPILES AND BORROW AREAS	
A-30	CONSTRUCTION SUPPORT ACTIVITIES	
A-31	LOCATION OF ANY IN-STREAM ACTIVITIES	
B-1 - B-15	CONSTRUCTION COMPONENT	
C-1 - C-6	POST-CONSTRUCTION COMPONENT	

I:\siskiz\jobs\1546001.0001\ProgramDevelopment\Design\Drawings\1546_001.dwg Zimanyi_Smily_Rick\9/29/2022 4:33 PM Save: 8/16/2022 1:34 PM

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
	EROSION CONTROL NOTES		VERTICAL SCALE	DESIGNATION
DESIGNED: JWG	DRAWN: DRM	N/A		1900049
CHECKED: CWV	CHECKED: JWG	SURVEY BOOK	SHEET	
		CONTRACT	98	1 OF 1 188
		R-42452	PROJECT	1900049

05-6000

05-6000

EROSION CONTROL NOTES

GENERAL:

Take Measures To Control Erosion And Sedimentation To Assure That Sediment Is Not Transported From The Site By Storm Events. Practices Such As Silt Traps Or Filters Shall Be Installed Prior To Land Disturbing Activities. New Drainage Swales Shall Be Seeded And/Or Sodded, Or Other Protective Practices Applied, Immediately Following Construction. All Practices Shall Be Maintained To Remove Sediment From Runoff Leaving The Site As Long As Unstabilized Soil Conditions Exist.

After Land Disturbing Activities Cease And The Soil Is Stabilized, Temporary Erosion Control Measures May Be Eliminated If Their Purpose Has Been Fulfilled. Any Disturbed Soil Resulting From Removal Of Such Practices Shall Be Stabilized By Approved Methods.

Dispose Properly All Waste And Unused Building Materials Including, But Not Limited To, Garbage, Debris, Cleaning Wastes, Water, Toxic Materials, And Hazardous Substances. Do Not Allow Substances To Be Carried By Runoff Into A Receiving Channel Or Storm Sewer System.

Clean Public Or Private Roadways Daily And After Major Storms Using Acceptable Methods To Remove Any Accumulated Sediment. The Developer's Contractors Are Responsible For Supervision Of The Construction Activity Within The Development And Shall Take All Necessary Actions To Remove Sediment From The Streets.

For Construction Sequence, Maintenance, And Other Soil Erosion Requirements, See Specifications For Site Clearing, Slope Protection, Erosion Control, Landscaping, And Seeding.

Erosion And Sediment Control Practices Must Adhere To, Or Exceed Those Shown On The Erosion Control Plan, (And The Construction Stormwater General Permit) And Shall Be In Accordance With The Indiana Storm Water Quality Manual, Indiana Department Of Environmental Management.

SURFACE STABILIZATION:

Cut Slopes Which Are To Be Topsoiled Should Be Scarified To A Minimum Depth Of 4 Inches Prior To Placement Of Topsoil. Install Erosion Control Blankets On All Slopes Of 3 (Horizontal) To 1 (Vertical) Or Steeper.

Stabilize All Disturbed Ground Left Inactive For Seven (7) Or More Days By Seeding, Sodding, Mulching, Or By Other Equivalent Erosion Control Practices.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT PAD:

Construct The Temporary Gravel Drive Using 12 Inches Minimum Of INDOT CA No. 2 Washed Stone Over Geotextile. Grade For Positive Drainage.

Inspect The Entrance Pad Area Weekly And After Storm Events Or Heavy Use. Reshape The Pad As Needed For Drainage And Runoff Control. Top Dress Pad With Clean Stone.

SODDING:

Do Not Install Sod On Hot, Dry Soil, Frozen Soil, Compacted Clay, Loose Sand Or Gravel, Or Pesticide Treated Soil. Ideal Sodding Time Is May 1-June 1, Or September 1-October 20, Although It Can Be Installed As Early As March 15, If Available And Temperatures Are Above 32°F, Or June 1-September 1 If Irrigated.

Install Sod After Other Erosion Control Practices Have Been Completed. Break Up Compacted Soils Sufficiently To Create A Favorable Rooting Depth Of 6-8 Inches, Using A Chisel Plow, Disk, Harrow, Or Rake.

Apply Topsoil If The Site Is Otherwise Unsuitable For Establishing Vegetation. Shape, Smooth, And Firm The Soil Surface.

Have The Soil In The Sod Bed Tested To Determine Its pH And Nutrient Level. If The pH Is Too Acidic For The Grass Sod To Be Installed, Apply Lime According To Test Results Or At The Rate Recommended By The Sod Supplier.

Fertilize As Recommended By The Soil Test. If Testing Was Not Done, Consider Applying 400-600 Lbs./Acre Of 12-12-12 Analysis Fertilizer, Or Equivalent Fertilizer, As Recommended By The Soil Test. Consider The Use Of Reduced Phosphorus Application Where Soil Tests Indicate Adequate Phosphorus Levels In The Soil Profile. Work The Fertilizer Into The Soil To 2-4 Inches Deep.

Rake Or Harrow The Area To Achieve A Smooth Final Grade And Then Roll Or Cultipack The Soil Surface To Create A Firm Surface On Which To Lay The Sod.

TREE CONSERVATION/PROTECTION:

Protect Trees From Construction Equipment By Fencing Off An Area Equivalent To The Tree's Crown With Temporary Construction Safety Fence. If A Fence Cannot Be Erected, Cushion The Rooting Area With 6 Inches Of Wood Chips, Or Wood Or Brick Paths.

Create Traffic Patterns Such As To Keep Soil Compaction To A Minimum. Store Supplies And Equipment Away From Protected Tree Areas. Aerate Soil Where Compaction Has Been Excessive.

When Clearing Areas Adjacent To Protected Trees, Use Equipment Such As A Brush Cutter Or Rotary Ax, Or Cut By Hand. Where Root Areas Must Be Graded, Cut Large Roots Instead Of Tearing Them With Equipment.

EROSION CONTROL NOTES (Cont)

Minimize Changes In The Drainage Pattern. Avoid Putting Fill Over The Root System.

Prune Low Hanging Limbs That Could Otherwise Be Broken Off By Equipment.

Repair Wounds Simply By Removing Damaged Bark And Wood Tissue (Do Not Use Tree Paint).

EROSION CONTROL BLANKETS:

Use Machine Produced Mat Of Straw Fiber Matrix Or Curled Wood Excelsior Of 80 Percent, 6 Inch Or Longer Fiber Length.

Evenly Distribute Fibers Over Entire Area Of Blanket To Provide Consistent Thickness.

Provide Blanket With Top Side Covered With Biodegradable Extruded Plastic Mesh.

Treat Blankets To Impart Smolder Resistance Without Use Of Chemical Additives.

Provide "Curlex Blankets" By American Excelsior Company, Or "S150" By North American Green, Or Accepted Substitute.

EROSION CONTROL BLANKET STAPLES:

Use Minimum 0.091 Inch Diameter Steel Wire "U" Shape With Legs 6 Inches In Length With 1 Inch Crown.

SEEDING:

The Following Table Is For General Seeding Information Only. Consult The Indiana Storm Water Quality Manual For Recommendations Relating To Steep Banks And Cuts, High Maintenance Areas, And Channels And Areas Of Concentrated Flow.

SEEDS:

- 40 Percent Kentucky Bluegrass
- 40 Percent Creeping Red Fescue
- 20 Percent Annual Rye Grass

FERTILIZER:

Commercial Fertilizer (12-12-12)*

STRAW:

Clean And Free Of Weed Seeds

*Consider The Use Of Reduced Phosphorus Application Where Soil Tests Indicate Adequate Phosphorus Levels In The Soil Profile.

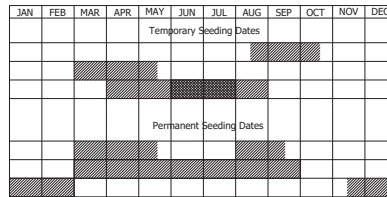
Spread Fertilizer Uniformly Over Finish Graded Surfaces At A Rate Of 20 Pounds Per 1,000 Square Feet. Thoroughly Disk, Harrow, Or Rake Fertilizer Into Soil To Depth Not Less Than 2 Inches.

Distribute Seed Mix Same Day As Fertilizer Is Applied. Spread Evenly At A Rate Of 3 Pounds Per 1,000 Square Feet. Rake Lightly And Compact Areas With 100 Pound Roller.

Cover Areas With Straw Evenly Spread At A Rate Of 2 Tons Per Acre Immediately After Seeding. Water Areas With Fine Spray. Do Not Flood Or Create Washes. Protect Seeded Areas From Erosion.

Continue Watering Of These Areas On A Daily Basis For The Remainder Of The Construction Period.

Hold Sloped Areas Steeper Than 2 (Horizontal) To 1 (Vertical) With Wire Mesh Or Stakes And Wire.



Wheat Or Rye
Oats
Annual Rye Grass

Non-Irrigated*
Irrigated
Dormant Seeding**

- Irrigation Required
- * Seeding Dates May Be Extended 5 Days If Mulch Applied And Planted Late Summer
- ** Increase Seeding Rate By 50%

NOTES:

If Construction Activities Take Place During The Months Of November Through February, Use Dormant Seeding Practices In Place Of Temporary And Permanent Seeding Practices.

See Chapter 7 Of The Indiana Storm Water Quality Manual, For Additional Seeding Recommendations.

Potential Storm Water Pollutants Material Handling and Spill Prevention

Trade Name /Material	Source	Chemical/Physical Description	Storm Water Pollutants	Remedial Action
Fertilizer	Landscaping Activities	Liquid or Solid Grains	Nitrogen, Phosphorus	(1), (2), (3)
Cleaning Solvents	Normal Business Operation	Colorless, Blue Or Yellow-Green Liquid	Perchloroethylene, Methylene Chloride, Trichloroethylene, Petroleum Distillates	Seal Drains & Inlets w/Plastic And Or Tape And Collect Excess, (1), (2), (3), (4)
Asphalt	Site Construction	Black Solid	Oil, Petroleum Distillates	(1), (2) Due To Contamination Of Runoff Before Curing Is Complete
Concrete	Bridge Construction	White Solid	Limestone, Sand	Concrete Washout Areas Shall Be Utilized & Concrete Disposed Of Properly Once Hardened (2)
Paints	Roadway Striping	Various Colored Liquids	Metal Oxides, Stoddard Solvent, Talk, Calcium Carbonate, Arsenic	Care Should Be Taken To Minimize Overspray (1), (2), (3), (4)
Curing Compounds	Site Construction	Creamy White Liquid	Naphtha	(1), (2), (3), (4)
Wastewater From Constr. Equipment Washing	Construction Equipment	Water	Soil, Oil, Grease, Solids	Equipment Washing Shall Be Executed In A Location Which Does Not Cause Wastewater To Drain Directly To Storm Sewers Or Ditches (i.e. Flat Vegetated Area) (2)
Hydraulic Oil/Fluids	Construction Equipment, Cars	Brown Oily Petroleum Hydrocarbon	Mineral Oil	Storm Structures Incorporate A Hooded Outlet Preventing Floatables From Exiting Site, (3), (4)
Gasoline	On Site Storage Tanks, Cars, Construction Equipment, Fueling Operations	Colorless, Pale Brown Or Pink Petroleum Hydrocarbon	Benzene, Ethyl Benzene, Toluene, Xylene, MTBE	Storage Tanks Shall Have Emergency Storage Capacity Below Tank In Case Of Rupture, 3'x3'x6" Spill Pans Shall Be Used During Fueling, (3), (4)
Diesel Fuel	On Site Storage Tanks, Cars, Construction Equipment, Fueling Operations	Clear, Blue-Green To Yellow Liquid	Bpetroleum Distillate, Oil And Grease, Naphthalene, Xylenes	Storage tanks shall have emergency storage capacity below tank in case of rupture, 3'x3'x6" spill pans shall be used during fueling, (3), (4)
Kerosene	Cleaning Operations, Heaters	Pale Yellow Liquid Petroleum Hydrocarbon	Coal Oil, Petroleum Distillates, Arsenic, Copper	3'x2'x6" Spill Pans Shall Be Used During Fueling Operations And Cleaning Of Equip. To Catch Excess, (1), (2), (3), (4)
Antifreeze Coolant	Construction Equipment, Cars	Clear Green/Yellow Liquid	Ethylene Glycol, Propylene Glycol, Heavy Metals (Copper, Lead, Zinc)	(1), (2), (3), (4)
Soil Erosion	Exposed Soil	Solid Particles	Soil Sediment	Erosion Control Measures (This Sh.)
Solid Waste Trash	Normal Business Operation	Trash, Debris, Refuse	Trash, Debris, Refuse	Trash Cans Shall Be Utilized On Site During And After Construction

This Table Was Provided For General Information Only To Supplement Information Used In The Construction Stormwater General Permitting Process. The Contractor Is Responsible For Material Handling And Spill Mitigation Procedures.

Notes:

1. All Excess Materials Shall Be Collected And Disposed Of In Accordance With All Federal, State And Local Regulations.
2. Material Shall Not Be Applied Immediately Preceding, During Or Following Rainfall (When Applicable).
3. Spillage Should Be Cleaned Immediately By A Trained Individual And Disposed Of Per Note (2).
4. Store In Sealed Containers Appropriate For Specific Use.

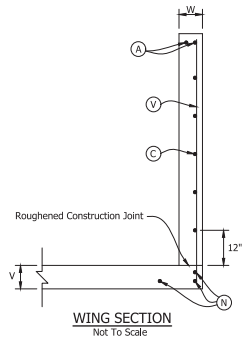
I:\skiz\lobas\1654602.000\Proj\Development\Design\Drawings\16546-000.dwg Zentech Staff Date: 8/29/2022 4:32 PM Save: 8/16/2022 2:34 PM

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE _____ DESIGNED: JWG DRAWN: BKM CHECKED: JCS CHECKED: JWG	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
	EROSION CONTROL NOTES		VERTICAL SCALE	DESIGNATION
			N/A	1900049
			SURVEY BOOK	SHEET
CONTRACT			PROJECT	
		R-42452	1900049	

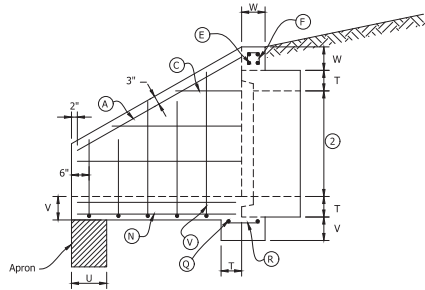
05-6000

05-6000

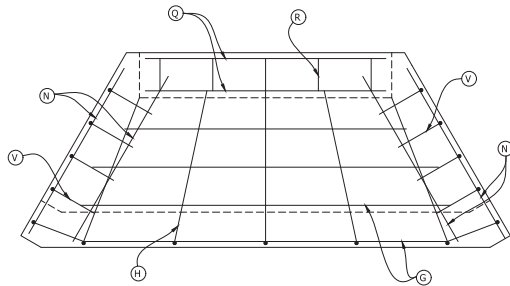
I:\s1612\161201\1654002.0001\ProjectDevelopment\Design\Drawings\16546_0811.dwg Zechner, Sarah 8/29/2022 4:34 PM Save: 8/16/2022 1:34 PM



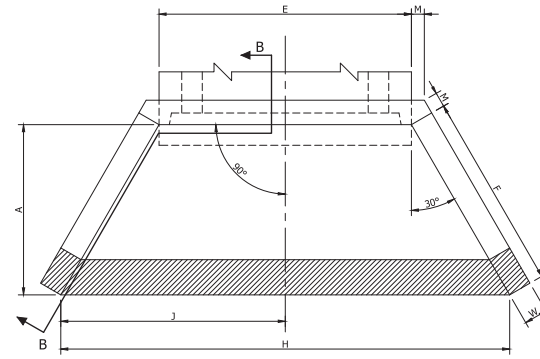
WING SECTION
Not To Scale



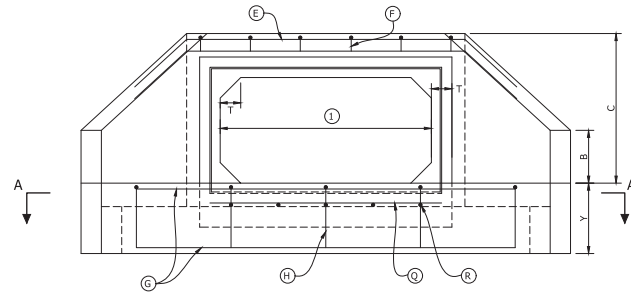
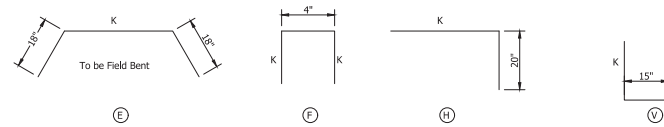
SECTION B-B
Not To Scale



SECTION A-A
Not To Scale



PLAN
Not To Scale



ELEVATION
Not To Scale

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE _____ DESIGNED: JWG DRAWN: BKM CHECKED: JCS CHECKED: JWG	INDIANA DEPARTMENT OF TRANSPORTATION WINGWALL DETAILS STR. 35 & 36	HORIZONTAL SCALE	BRIDGE FILE
		VERTICAL SCALE	DESIGNATION
		N/A	1900049
		SURVEY BOOK	SHEET
		100	188
		CONTRACT	PROJECT
		R-42452	1900049


05-6000

05-6000

I:\s\621\6546\02\0201\Program\Development\Design\Drawings\6546\6671.dwg Z:\chroy_s\chroy_s\6546\6671.dwg Saved: 8/16/2022 1:34 PM

DIMENSION	HEADWALL SIZE		
	6'x4'		
A	6'-10"		
B	2'-0"		
C	5'-3"		
E	7'-2"		
F	6'-9"		
H	13'-11"		
J	6'-11"		
M	0'-5"		
T	0'-7"		
U	1'-0"		
V	0'-8"		
W	0'-8"		
X	-		
Y	2'-0"		
Z	-		

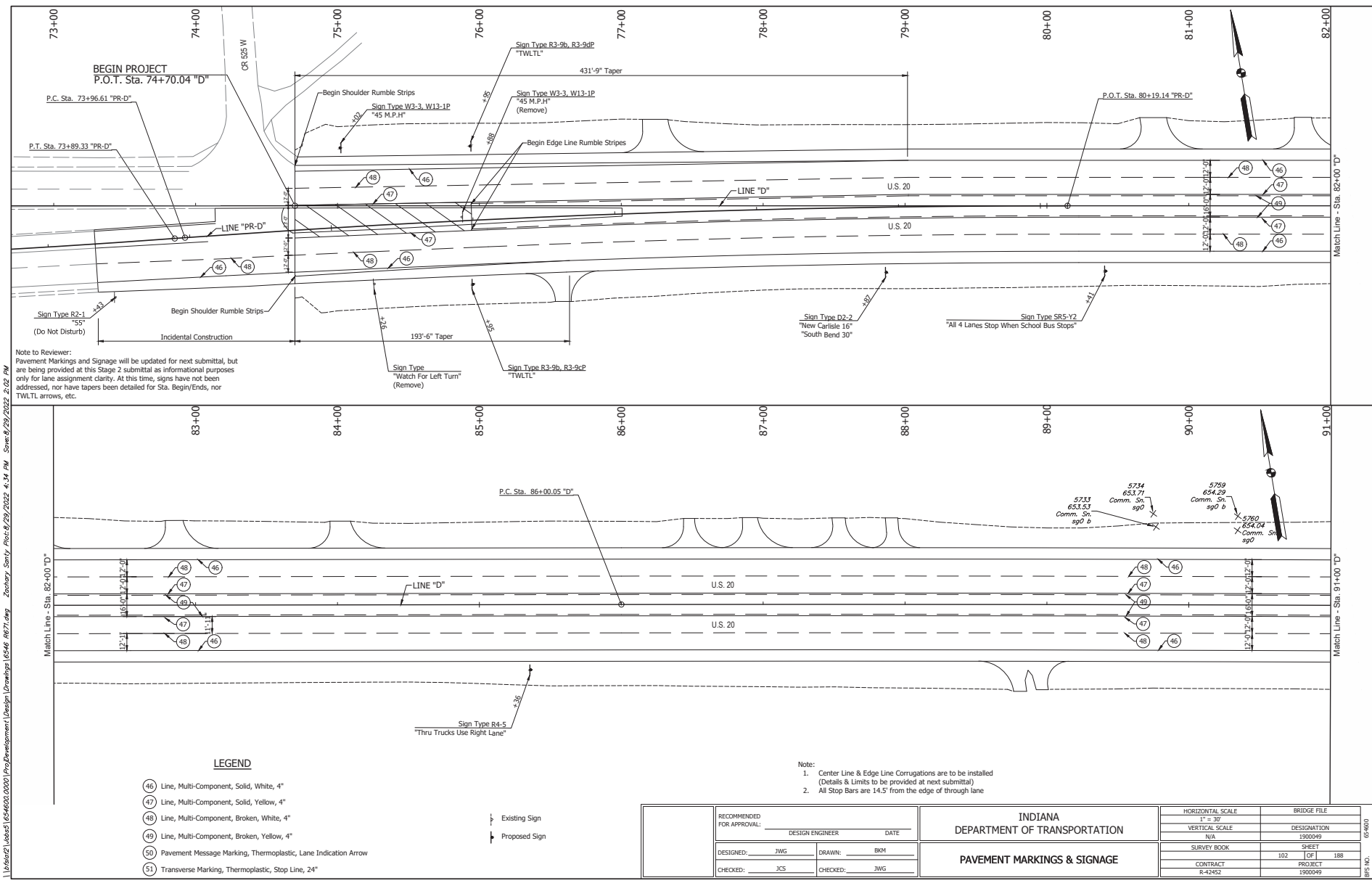
NOTES

- ① Span of Box Culvert
- ② Rise of Box Culvert
3. For Dimensions, Quantities, and Bill of Reinforcement see tables.
4. Dimensions from face of concrete to steel shall be 2" clear distance.
5. Encircled letters $\textcircled{\text{O}}$, indicate steel bar locations.
6. Bars $\textcircled{\text{C}}$, $\textcircled{\text{G}}$, $\textcircled{\text{V}}$ are spaced 1'-0" O.C. All other bars shall be evenly spaced.
7. Bars $\textcircled{\text{V}}$ are placed in order of increasing lengths, beginning at the End of each wing.
8. Bars $\textcircled{\text{C}}$ are placed in order of increasing lengths, beginning at the Top of each wing.
9. Headwalls located at edge of shoulders shall be parallel to centerline of the road.
10.  Limits of Apron.
11. Paving shall be required and shall be sloped in direction of flow equal to slope of Box. Front face of headwall and ends of wings shall remain vertical.

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			N/A	
DESIGNED: _____ JWG DRAWN: _____ BKM	WINGWALL DETAILS STR. 35 & 36		VERTICAL SCALE	DESIGNATION
CHECKED: _____ JCS CHECKED: _____ JWG			N/A	1900049
			SURVEY BOOK	SHEET
			101	188
			CONTRACT	PROJECT
			R-42452	1900049

05-6000

EPS NO.



Note to Reviewer:
 Pavement Markings and Signage will be updated for next submittal, but are being provided at this Stage 2 submittal as informational purposes only for lane assignment clarity. At this time, signs have not been addressed, nor have tapers been detailed for Sta. Begin/Ends, nor TWLTL arrows, etc.

- LEGEND**
- (46) Line, Multi-Component, Solid, White, 4"
 - (47) Line, Multi-Component, Solid, Yellow, 4"
 - (48) Line, Multi-Component, Broken, White, 4"
 - (49) Line, Multi-Component, Broken, Yellow, 4"
 - (50) Pavement Message Marking, Thermoplastic, Lane Indication Arrow
 - (51) Transverse Marking, Thermoplastic, Stop Line, 24"
- Existing Sign
 Proposed Sign

- Note:
- Center Line & Edge Line Corrugations are to be installed (Details & Limits to be provided at next submittal)
 - All Stop Bars are 14.5' from the edge of through lane

I:\s612\Jobs\1654602\020\ProjDevelopment\Design\Drawings\6546_R071.dwg Zentory Starty Plots: 8/29/2022 4:34 PM Save: 8/29/2022 2:02 PM

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

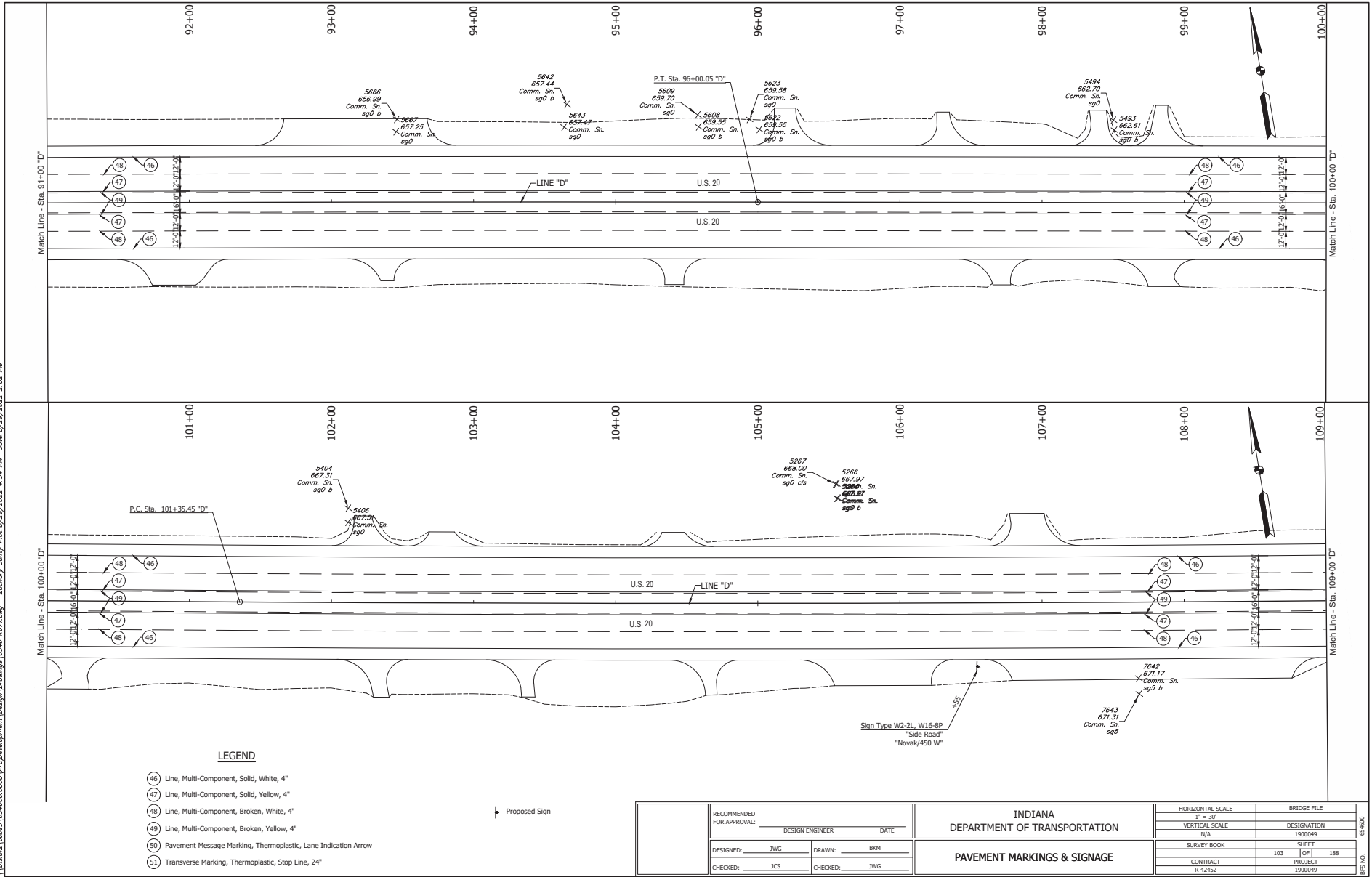
INDIANA
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS & SIGNAGE

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

05-6000

I:\s1612\161251\6546\02\0201\Proj\Development\Design\Drawings\6546_1612.dwg Zentory Starty Plots 8/29/2022 4:34 PM Save 8/29/2022 2:02 PM



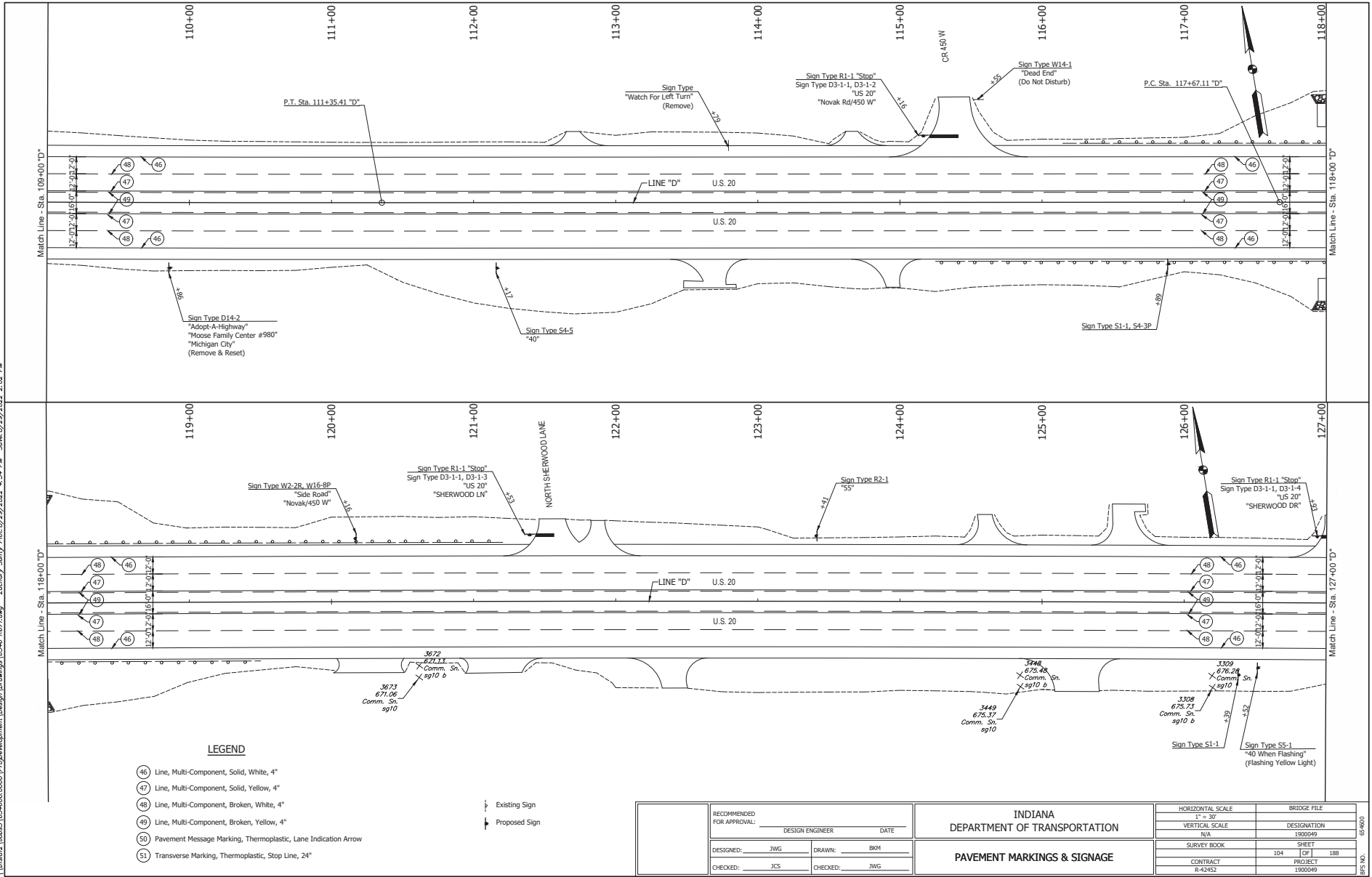
- LEGEND**
- (46) Line, Multi-Component, Solid, White, 4"
 - (47) Line, Multi-Component, Solid, Yellow, 4"
 - (48) Line, Multi-Component, Broken, White, 4"
 - (49) Line, Multi-Component, Broken, Yellow, 4"
 - (50) Pavement Message Marking, Thermoplastic, Lane Indication Arrow
 - (51) Transverse Marking, Thermoplastic, Stop Line, 24"

Proposed Sign

RECOMMENDED FOR APPROVAL:		DESIGN ENGINEER		DATE		INDIANA DEPARTMENT OF TRANSPORTATION		BRIDGE FILE	
DESIGNED: JWG		DRAWN: BKM				PAVEMENT MARKINGS & SIGNAGE		HORIZONTAL SCALE 1" = 30'	
CHECKED: JCS		CHECKED: JWG						VERTICAL SCALE N/A	
								SURVEY BOOK 103	
								DESIGNATION 1900049	
								SHEET 188	
								CONTRACT R-42452	
								PROJECT 1900049	

05-6000

I:\s1612\Jobs\1654602.000\ProjectDevelopment\Design Drawings\16546 0271.dwg Zephyr_Savry_Plot6/8/2022 4:34 PM Save:8/29/2022 2:02 PM



- LEGEND**
- (46) Line, Multi-Component, Solid, White, 4"
 - (47) Line, Multi-Component, Solid, Yellow, 4"
 - (48) Line, Multi-Component, Broken, White, 4"
 - (49) Line, Multi-Component, Broken, Yellow, 4"
 - (50) Pavement Message Marking, Thermoplastic, Lane Indication Arrow
 - (51) Transverse Marking, Thermoplastic, Stop Line, 24"
- Existing Sign
 Proposed Sign

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

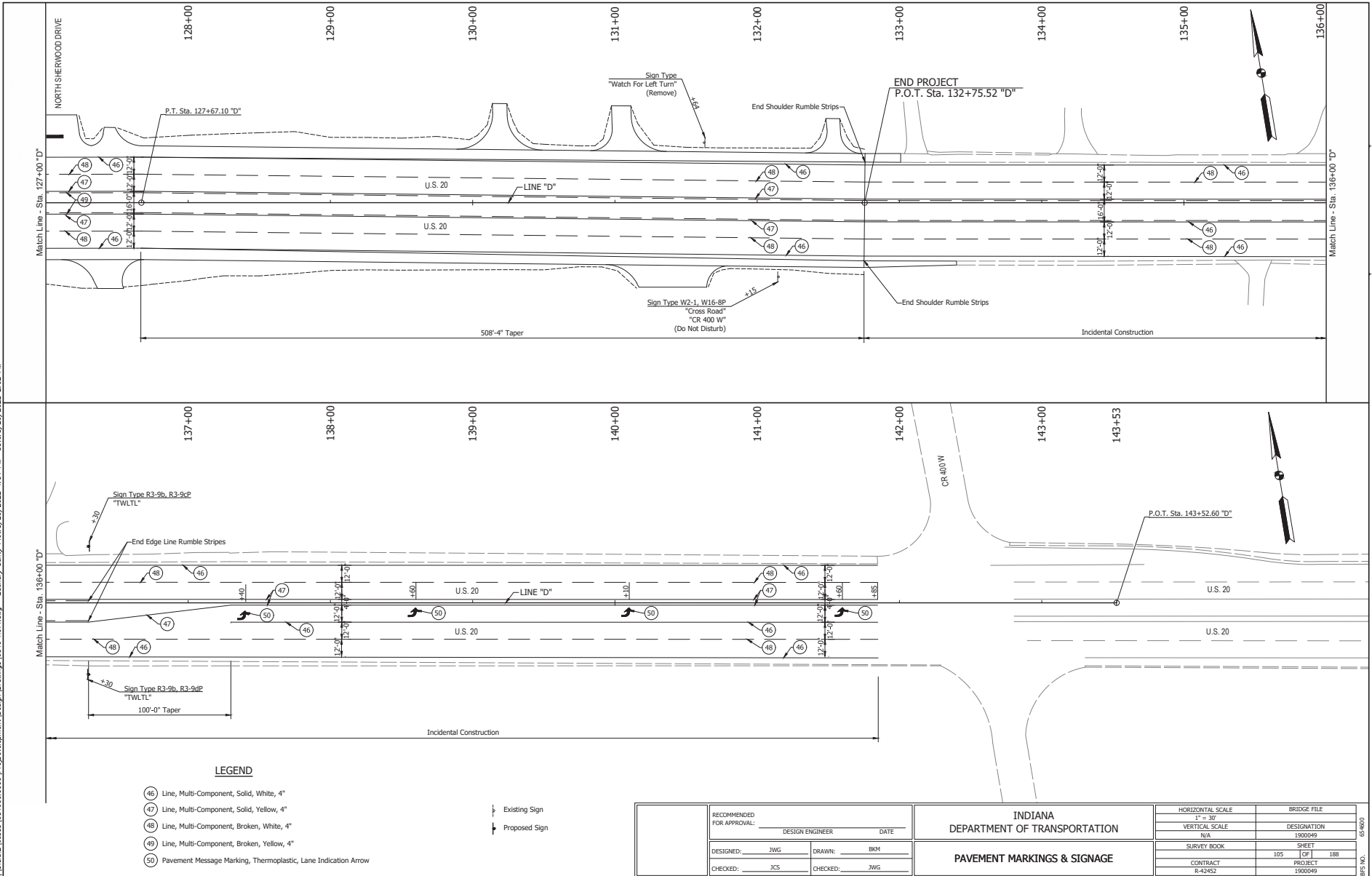
INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS & SIGNAGE

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	1900049
SURVEY BOOK	SHEET
104	188
CONTRACT	PROJECT
R-42452	1900049

06-6000
EPS NO.

I:\ask2\Jobs\1654602\0201 Proj Development\Design Drawings\6546 0201.dwg Zentory Savly Plots:6/29/2022 4:34 PM Save:6/29/2022 2:02 PM



LEGEND

- (46) Line, Multi-Component, Solid, White, 4"
- (47) Line, Multi-Component, Solid, Yellow, 4"
- (48) Line, Multi-Component, Broken, White, 4"
- (49) Line, Multi-Component, Broken, Yellow, 4"
- (50) Pavement Message Marking, Thermoplastic, Lane Indication Arrow

- ⊣ Existing Sign
- ⊣ Proposed Sign

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

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS & SIGNAGE

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	1900049
SURVEY BOOK	SHEET
105	188
CONTRACT	PROJECT
R-42452	1900049

05-6000

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION				SIZE IN.	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH FEET	SKEW	FLOWLINE				SERVICE LIFE YEAR	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL TYPE 1 CYS.	REVEMENT R/P/RAP TONS	CONCRETE CLASS FOR STRUCTURES CYS.	PIPE END SECTION EA.	GEOTEXTILE SYS.	GRATED BOX END SECTION		SAFETY METAL END SECTION		RIM ELEVATION	CONNECT TO STRUCTURE	REMARKS	
	STATION	LEFT	RIGHT	CROSS						COVER FEET	UP STREAM ELEV.	DOWN STREAM ELEV.	TYPE										EA.	SLOPE	EA.					
																										TYPE				EA.
	LINE "D"																													
10	76+29		X		15	3		32		1.2	645.41	645.23	50	NA	6.5	2	3.0			2										
11	77+24	X			15	3		40		1.3	645.72	645.52	50	NA	6.5	2	3.7			2										
12	80+75	X			18	3		42		1.2	647.54	647.34	50	NA	6.5	2	4.1			2										
13	81+82	X			15	3		38		1.2	648.05	647.87	50	NA	6.5	2	3.6			2										
14	82+85	X			15	3		32		1.3	648.53	648.38	50	NA	6.5	2	3.0			2										
15	84+03	X			15	3		34		1.0	649.11	648.95	50	NA	6.5	2	3.2			2										
16	86+48	X			15	3		28		1.0	650.37	650.21	50	NA	6.5	2	2.6			2										
17	86+92	X			15	3		32		1.1	650.65	650.46	50	NA	6.5	2	3.0			2										
18	87+55	X			15	3		30		1.1	651.02	650.84	50	NA	6.5	2	2.8			2										
19	87+92	X			15	3		28		1.0	651.23	651.07	50	NA	6.5	2	2.6			2										
20	88+88		X		15	3		42		1.0	652.22	652.00	50	NA	6.5	2	3.9			2										
21	91+87		X		15	3		54		1.0	654.68	654.13	50	NA	6.5	2	5.1			2										
22	92+96	X			15	3		74		1.0	655.22	654.51	50	NA	6.5	2	6.9			2										
23	93+39		X		15	3		28		1.0	655.85	655.60	50	NA	6.5	2	2.6			2										
24	95+41		X		15	3		32		1.0	657.50	657.36	50	NA	6.5	2	3.0			2										
25	96+20	X			15	3		38		1.1	658.16	657.80	50	NA	6.5	2	3.6			2										
26	97+32	X			15	3		32		1.1	659.71	659.06	50	NA	6.5	2	3.0			2										
27	97+70		X		15	3		34		1.4	660.28	659.84	50	NA	6.5	2	3.6			2										
28	98+82		X		15	3		36		1.4	661.86	661.56	50	NA	6.5	2	3.9			2										
29	100+19		X		15	3		38		1.6	663.04	662.74	50	NA	6.5	2	3.7			2										
30	102+32		X		15	3		32		1.7	665.44	665.28	50	NA	6.5	2	3.4			2										
31	103+37		X		15	3		30		1.2	666.29	665.96	50	NA	6.5	2	2.8			2										
32	104+65		X		15	3		34		1.6	667.73	667.37	50	NA	6.5	2	3.2			2										
33	113+69		X		15	3		34		1.0	669.21	668.89	50	NA	6.5	2	3.2			2										
34	114+94		X		15	3		32		1.0	667.96	667.65	50	NA	6.5	2	3.0			2										
35	117+97	X			6'x4'		3 Sided Box	11		3.0	650.73	650.67	75	A	6.5	1	24.7												Extend Existing 3 Sided Box, CV-020-046-46.10	
36	117+97		X		6'x4'		3 Sided Box	10		3.0	651.38	651.33	75	A	6.5	1	22.5												Extend Existing 3 Sided Box, CV-020-046-46.10	
37	121+74	X			15	3		66		1.0	670.31	669.24	50	NA	6.5	2	6.2			2										

I:\a16121\Jobs\16546602\0200\ProjectDevelopment\Design Drawings\16546_9885.dwg Zentory Staley Arch 8/29/2022 4:34 PM Save 8/16/2022 1:34 PM

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
				N/A	DESIGNATION 1900049
DESIGNED: JWG	DRAWN: DRM	STRUCTURE DATA TABLE		SURVEY BOOK	SHEET
CHECKED: JCS	CHECKED: JWG			106	188
				CONTRACT R-42452	PROJECT 1900049

SUMMARY OF QUANTITIES AND APPROACH TABLE

LOCATION (STATION)	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	RADIUS	SURFACE BEYOND R/W LINE			GRADE	EXCAVATION	HMA FOR APPROACHES/PATH					QC/QA HMA MATERIAL FOR MAINLINE					HMA FOR TEMP. PAVEMENT				SUBGRADE TREATMENT TYPE II	SUBGRADE TREATMENT TYPE III	ASPHALT MATERIAL FOR		COMPACTED AGGREGATE FOR BASE # NO. 53	D-1 CONTRACTION JOINTS	PCCP, 7.5 IN	PCCP FOR APPROACHES 9 IN.	2'-7" COMBINED CONCRETE CURBS & GUTTER	2'-0" COMBINED CONCRETE CURBS & GUTTER	2'-0" INVERTED COMBINED CONCRETE CURBS & GUTTER	2'-0" CONCRETE ROLL CURBS & GUTTER	CONCRETE CURB	REMARKS									
					COMPACTED AGGREGATE BASE	HMA	CONCRETE			LBS. PER SYD.					LBS. PER SYD.					LBS. PER SYD.						PRIME COAT	TACK COAT											DEPTH								
										110	330	220	275	110	220	275	275	330	220	110	440	440	330																220							
										TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS																TONS	TONS						
104+66 Rt.	Mod. Cl. II	8	25.4	25.15			2.98																																		Modified Width					
105+89 Rt.	Mod. Cl. II	68	18	25.15					X	3.55																															Modified Width					
106+91 Lt.	Mod. Cl. II	25	22.8	25.15					X																																Modified Width					
112+71 Lt.	Mod. Cl. II	10	10	25.15																																					Modified Width					
113+69 Rt.	Cl. II	16	20	25.15					X	-1.37																																Modified Width				
114+68 Lt.	Mod. Cl. II	8	10	25.15						0.30																															Modified Width					
114+94 Rt.	Mod. Cl. II	10	20.6	25.15					X	0.55																															Modified Width					
115+46 Lt.	M.P.R.A.	23	42.2	40.35						-0.82																																				
120+27 Rt.	Mod. Cl. IV	43	10	6.6						4.85																																	Modified Width, Radius			
121+17 Rt.	Mod. Cl. IV	32.5	10	6.15						5.29																																	Modified Width, Radius			
121+56 Lt.	M.P.R.A.	20	26	30.25						1.41																																				
121+89 Lt.	Mod. Cl. II	10	24.8	25.15							-4.00	4.41																															Modified Width			
122+39 Rt.	Cl. II	16.5	21.1	25.15						0.10																																				
124+62 Lt.	Mod. Cl. II	11	21.3	25.15					X	-4.00	-10.00																																Modified Width			
125+24 Rt.	Mod. Cl. II	31.5	23	25.15						-4.00	-10.00																																	Modified Width		
125+59 Lt.	Cl. II	15	28.9	15.15					X	-4.00	-10.00																																			
127+12 Lt.	M.P.R.A.	22.5	29.7	10.25						-4.00	-10.00																																			
127+43 Rt.	Cl. II	19	21.3	25.15					X	0.48																																				
127+45 Lt.	Cl. II	8	18	25.10						-4.00	-10.00																																			
130+20 Lt.	Mod. Cl. II	12	12.9	25.25						-4.00	-9.84																																		Modified Radius	
131+05 Lt.	Cl. II	13	13.9	25.15						-4.00	-10.00																																			
131+41 Rt.	Mod. Cl. II	42	20.8	25.15						3.07																																			Modified Width	
132+54 Lt.	Mod. Cl. II	9.5	15.7	15.15						-4.00	-10.00																																		Modified Width, Radius	

I:\ask\2\16546\02\02001 Proj Development\Design Drawings\16546 0201.dwg Zecher Stutz Plots\8/29/2022 4:34 PM Save:8/16/2022 1:34 PM

RECOMMENDED FOR APPROVAL: _____ DESIGN ENGINEER: _____ DATE: _____ DESIGNED: JWG DRAWN: BKM CHECKED: JCS CHECKED: JWG	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: N/A VERTICAL SCALE: N/A	BRIDGE FILE: _____ DESIGNATION: 1900049
	APPROACH TABLE	SURVEY BOOK: 109 CONTRACT: R-42452	SHEET: 188 PROJECT: 1900049