

DEPARTMENT OF THE ARMY PERMIT

Permittee: Indiana Department of Transportation

Permit Number: LRL-2010-466

Issuing Office: U.S. Army Engineer District, Louisville

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

Project Description: To discharge 6,432 cubic yards (cys) of fill material below the Ordinary Highway Water Mark (OHWM) of 25,075 linear feet of East Fork Keg Creek, Allen Lateral, Buck Creek, Hurricane Creek, South Fork Patoka River, Patoka River, Flat Creek, Prides Creek, Mud Creek, Veale Creek, Hurricane Branch, unnamed tributaries to East Fork Keg Creek, Buck Creek, Hurricane Creek, South Fork Patoka River, Patoka River, Flat Creek, Prides Creek, Mud Creek, Lick Creek, East Fork White River, Jackson Pond, Veale Creek, and Hurricane Branch. In addition, 638,370 cys of fill material would be discharged into 16.41 acres of open water and emergent, scrub-shrub, and forested wetlands to construct fourteen crossings of Section 2 of the Interstate 69 extension. The road would start at State Route 64 near Oakland City in Gibson County and continue for approximately 29 miles to U.S. Route 50 near Washington, Daviess County, Indiana. The fill material would consist of clean earthen fill, limestone riprap, and concrete

Project Location: The project is located on the Patoka River and tributaries to the Patoka River and the East Fork White River in Pike and Daviess Counties, Indiana (Latitude 38.3370 North/ Longitude -87.3980 West).

Permit Conditions:

General Conditions:

1. The time limit for completing the authorized activity ends on **May 1, 2016**. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification from this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.

5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.

6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished with the terms and conditions of your permit.

Special Conditions:

1. The permittee shall create or restore 25,075 linear feet of stream and 36.55 acres of wetland to include 7.84 acres of emergent, 0.06 acres of scrub-shrub, and 28.65 acres of forested wetland in accordance with the "Cornelius Mitigation and Monitoring Plan," "Corn Mitigation and Monitoring Plan," "Purcell Mitigation and Monitoring Plan" and "Cooper/Buck Mitigation and Monitoring Plan" dated January 5, 2010.
2. The permittee shall monitor the mitigation sites annually for a period of five years. This monitoring shall include annual stream monitoring, using the Headwater Habitat Evaluation Index (HHEI) or the Qualitative Habitat Evaluation Index (QHEI), as appropriate for the size of the stream, at the mitigation sites. The annual survey data should be collected at the same time each year, selected during the June-September period, at each mitigation stream reach. The survey should be designed to be readily comparable from year to year. The permittee shall submit monitoring reports to the U.S. Army Corps of Engineers, Indianapolis Regulatory Office by December 31 every year of monitoring.
3. If 30 percent of the survey channel segments at the mitigation sites fail to maintain at least their original length in linear feet and to achieve a HHEI/QHEI score of at least 30 during any annual monitoring event, adaptive management/corrective actions shall be proposed, assessed, approved by the U.S. Army Corps of Engineers, and performed.
4. If, at the end of the required monitoring period, total acreage of successful wetland mitigation is less than required at the four above mentioned sites, the permittee shall be allowed to substitute successful acreage at the Bartley Mitigation and Monitoring Site. Construction of the Bartley site shall be in accordance with the "Contingency Wetland Mitigation and Monitoring Plan for the Bartley Mitigation Site," dated September 14, 2010.
5. The permittee's responsibility to complete the required compensatory mitigation as set forth in Special Condition 1 shall not be considered fulfilled until they have demonstrated compensatory mitigation project success and have received written verification of that success from the U.S. Army Corps of Engineers.

Further Information:

1. Congressional Authorities. You have been authorized to undertake the activity described above pursuant to:

() Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).

(X) Section 404 of the Clean Water Act (33 U.S.C. 1344).

() Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).

2. Limits of this authorization.

a. This permit does not obviate the need to obtain other Federal, state, or local authorizations required by law.


b. This permit does not grant any property rights or exclusive privileges.

- c. This permit does not authorize any injury to the property or rights of others.
 - d. This permit does not authorize interference with any existing or proposed Federal project.
3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:
- a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
 - b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
 - c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.
 - d. Design or construction deficiencies associated with the permitted work.
 - e. Damage claims associated with any future modification, suspension, or revocation of this permit.
4. Reliance on Applicant's Data. The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.
5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:
- a. You fail to comply with the terms and conditions of this permit.
 - b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 4 above).
 - c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

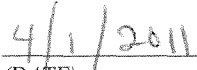
Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measure ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions. General condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give you favorable consideration to a request for an extension of this time limit.

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.




(PERMITTEE)

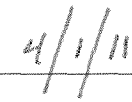


(DATE)

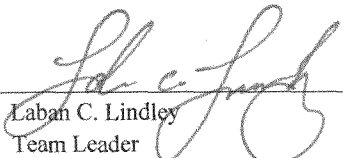
This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.



KEITH A. LANDRY
COLONEL, CORPS OF ENGINEERS
(COMMANDER AND DISTRICT ENGINEER)



(DATE)

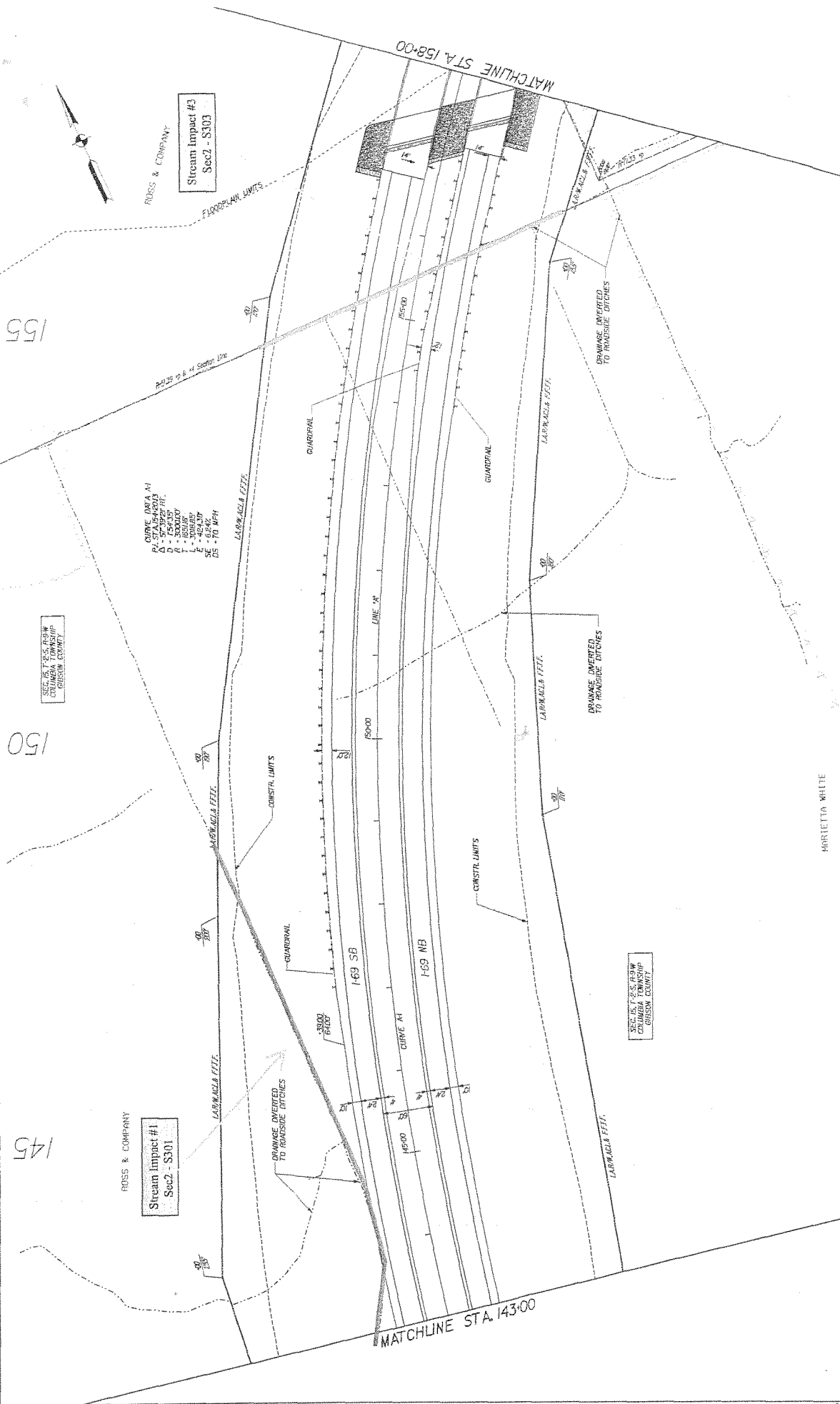


BY: Laban C. Lindley
Team Leader
Indianapolis Regulatory Office

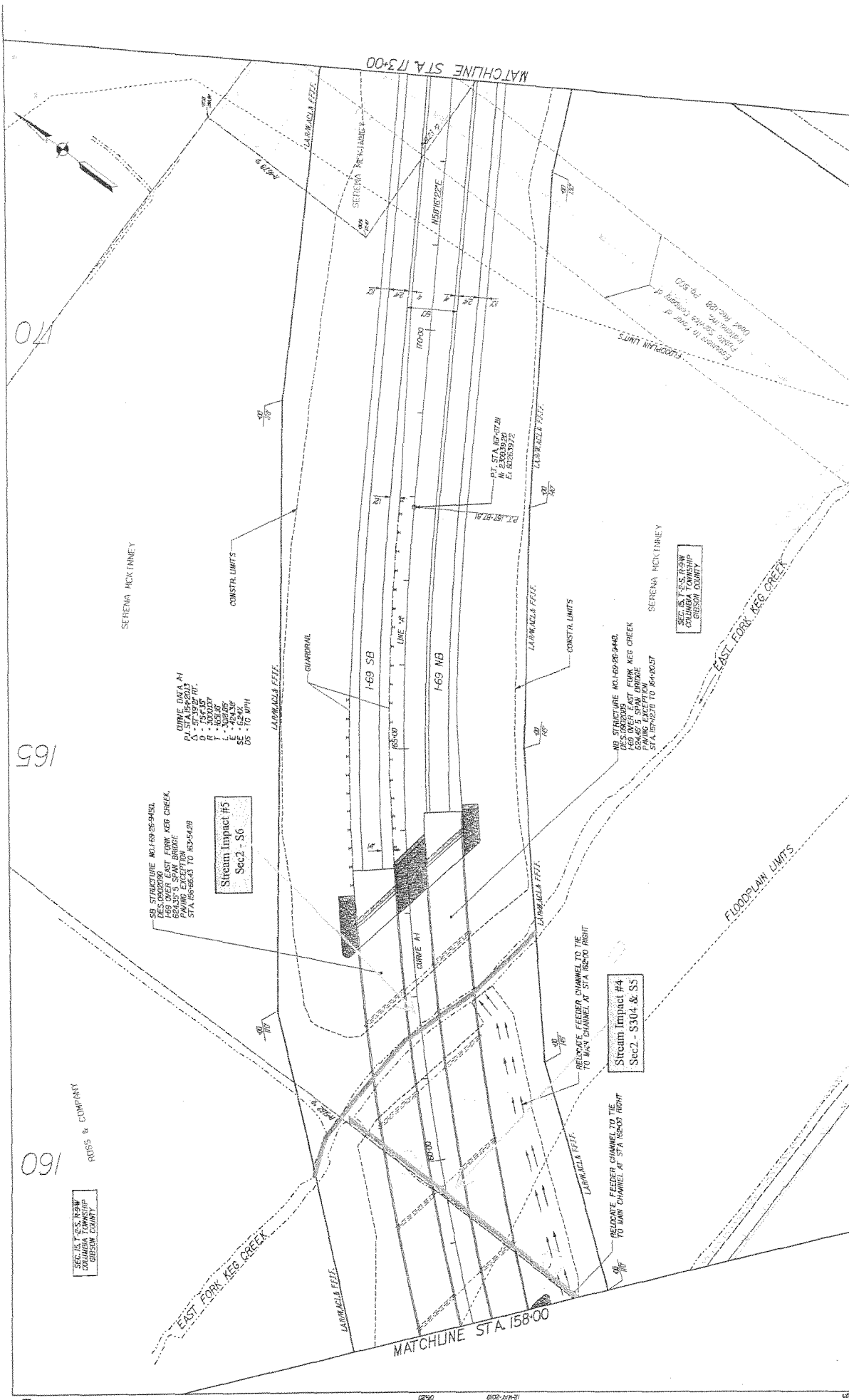
When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

(TRANSFeree)

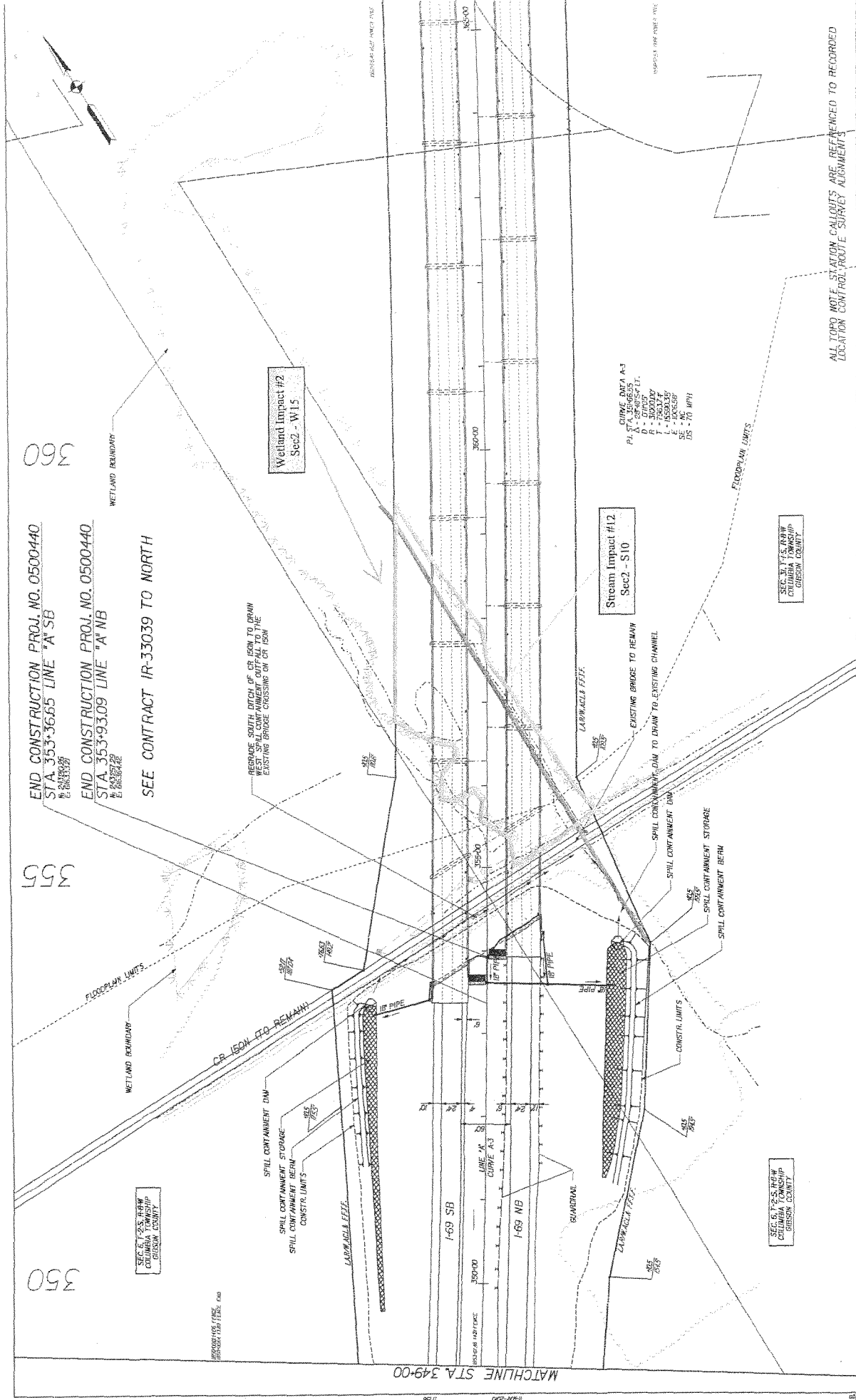
(DATE)



	INDIANA DEPARTMENT OF TRANSPORTATION PLAN SHEET LINE "A" 143+00 TO 158+00	RECOMMENDED FOR APPROVAL DESIGNED BY: <i>Jeffrey P. Ross</i> CHECKED BY: <i>Jeffrey P. Ross</i> DATE: 1/1/15 PROJECT NO.: 143+00 TO 158+00	HORIZONTAL SCALE 1" = 40'	VERTICAL SCALE 1" = 10'	SHEET NO. 143+00 TO 158+00	PRICE PER SHEET \$10.00
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SHEET FILE DISSECTION CONSTRUCTION SHEET 14 OF 25 CONTRACT 158+00 TO 173+00	HORIZONTAL SCALE VERTICAL SCALE SHEET BOOK 158+00 TO 173+00	INDIANA DEPARTMENT OF TRANSPORTATION PLAN SHEET LINE "A"	RECOMMENDED FOR PAYMENT DATE DESIGNED BY CHECKED BY DRAWN BY IN CHARGE	PROJECT NO. 111111540 DATE OF 11/11/15	PROJECT NO. 111111540 DATE OF 11/11/15	PROJECT NO. 111111540 DATE OF 11/11/15	PROJECT NO. 111111540 DATE OF 11/11/15
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RECOMMENDED FOR APPROVAL	DATE	INCHES	DATE
DESIGNED BY	DATE	INCHES	DATE
CHECKED BY	DATE	INCHES	DATE
APPROVED BY	DATE	INCHES	DATE



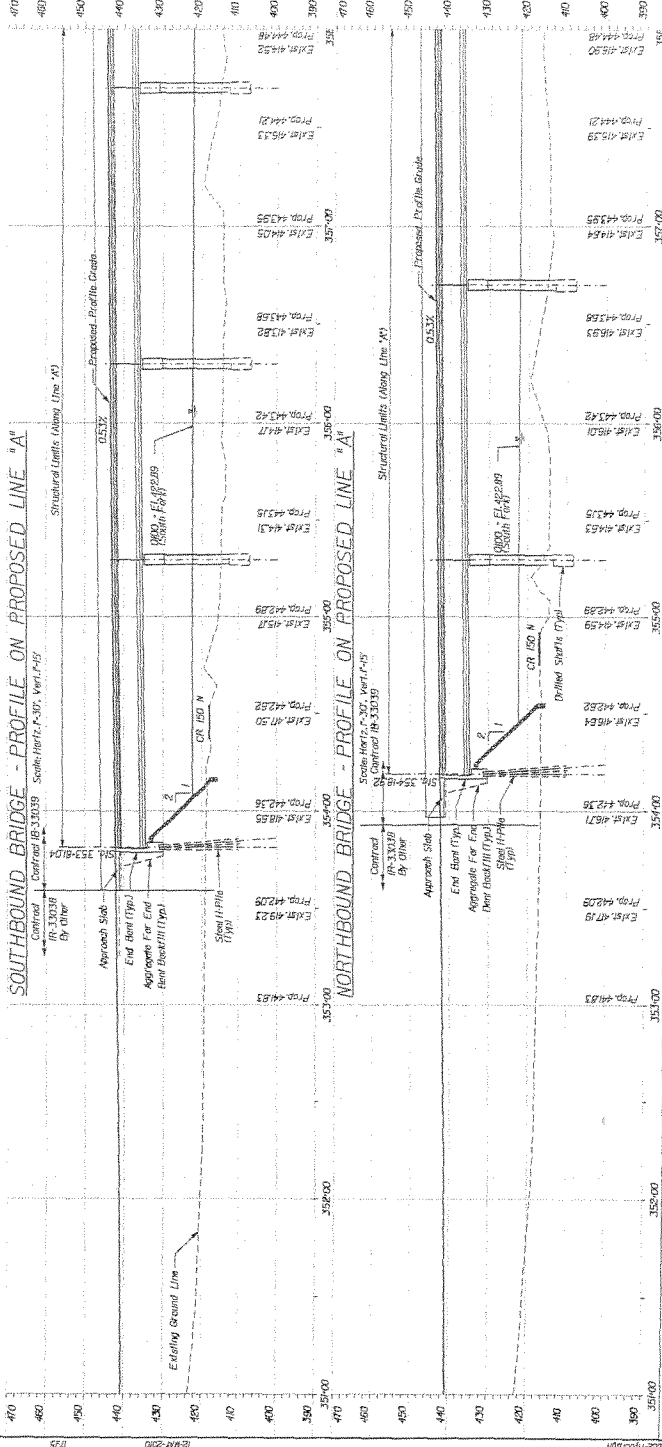
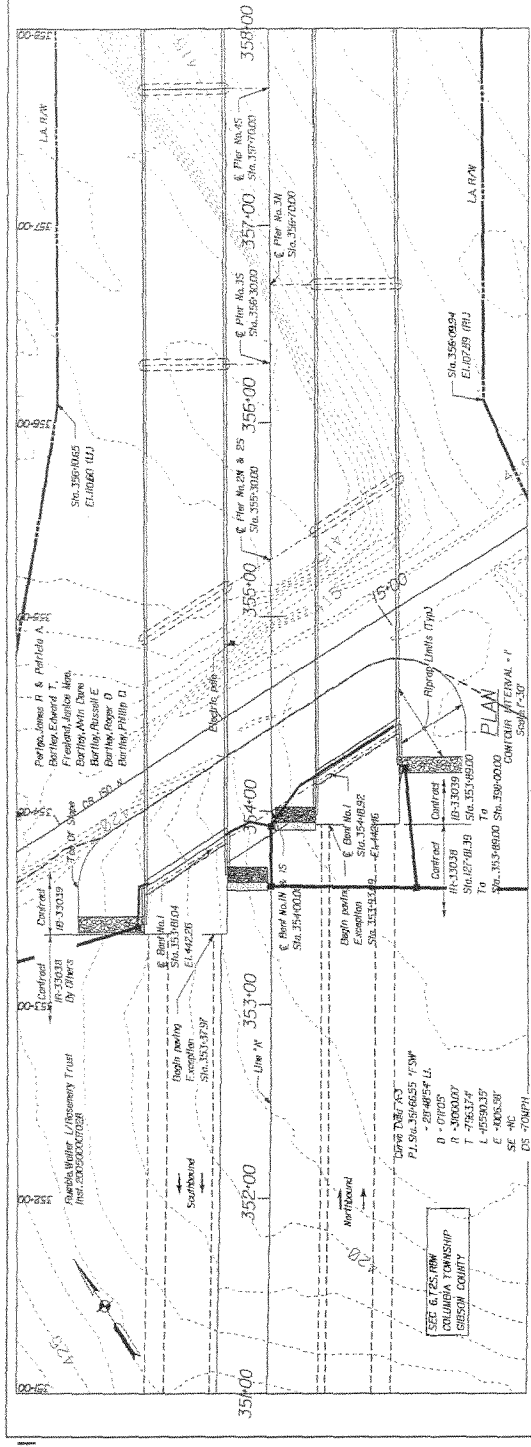
INDIANA	DEPARTMENT OF TRANSPORTATION
PLAN SHEET	LINE "A" 350+00 TO 353+00
PROJECT NO.	0500440
SHEET NO.	33
TOTAL SHEETS	35

ALL TPO NOTE STATION CALLOUTS ARE REFERENCED TO RECORDED LOCATION CONTROL ROUTE SURVEY ALIGNMENT

CURVE DATA A-3
 PL STA 350+00
 D = 1500.00'
 E = 1500.00'
 L = 1500.00'
 P = 1500.00'
 R = 1500.00'
 S = 1500.00'
 DS = 1500.00'

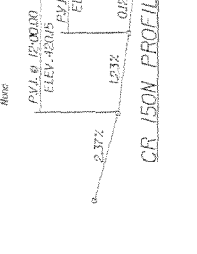
END CONSTRUCTION PROJ. NO. 0500440
 STA. 353+36.65 LINE "A" SB
 END CONSTRUCTION PROJ. NO. 0500440
 STA. 353+93.09 LINE "A" NB
 SEE CONTRACT IR-33039 TO NORTH

MATCHLINE STA. 349+00

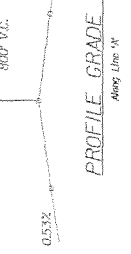


INDIANA DEPARTMENT OF TRANSPORTATION	
PROJECT NO. 33-039 SECTION NO. 1 DATE 5-18-2000 DESIGNED BY J. H. HARRIS CHECKED BY J. H. HARRIS APPROVED BY J. H. HARRIS	PROJECT NAME 33-039 SECTION NAME 1 DATE 5-18-2000 DESIGNED BY J. H. HARRIS CHECKED BY J. H. HARRIS APPROVED BY J. H. HARRIS

EXISTING STRUCTURE



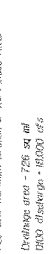
CR 150N PROFILE



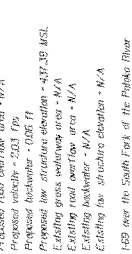
PROFILE GRADE DATA



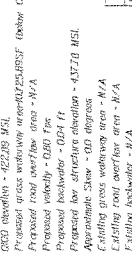
STREAM PROFILE



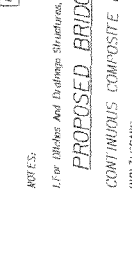
SCOUR DATA



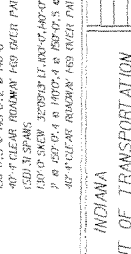
HYDRAULIC DATA



EARLWORK SUMMARY



PROPOSED BRIDGES



NOTES:





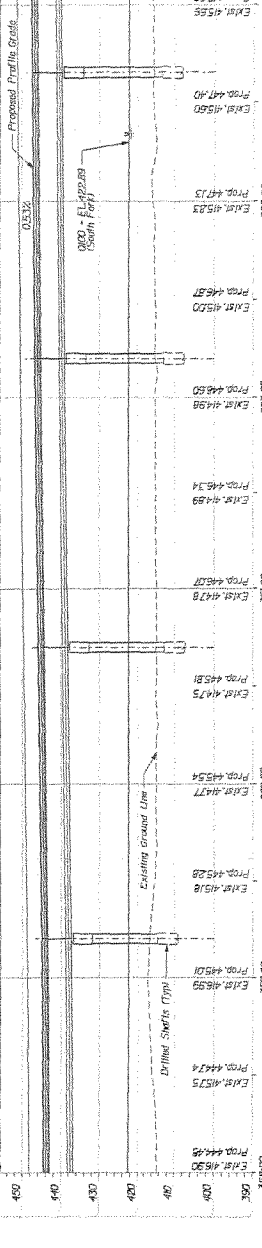
RECOMMENDED FOR APPROVAL
 DESIGNER: *Shadi Karam*
 DATE: 01/01/2018
 CHECKED: *[Signature]*
 DATE: 01/01/2018
 DESIGNED: *[Signature]*
 DATE: 01/01/2018
 PROJECT NO: 17-00000000-001
 SHEET NO: 4

INDIANA
 DEPARTMENT OF TRANSPORTATION
 LAYOUT

BRIDGE FILE
 NO. 17-00000000-001
 PROJECT NO. 17-00000000-001
 SHEET NO. 4
 DATE: 01/01/2018
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]

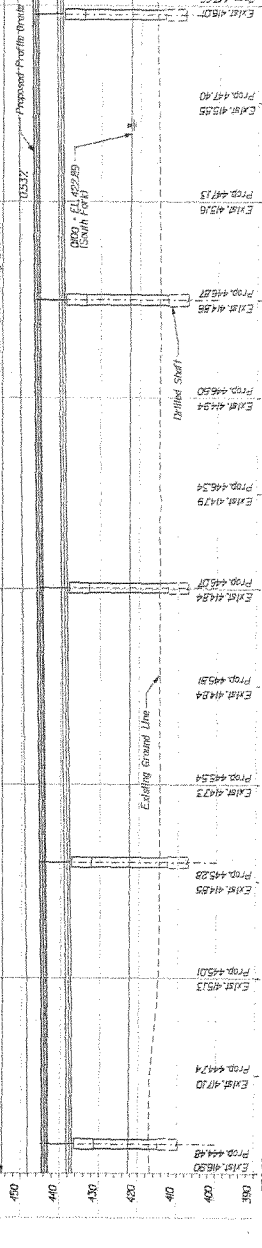
SOUTHBOUND BRIDGE - PROFILE ON PROPOSED LINE "A"

Scale: Vert. 1"=30', Horiz. 1"=40'
 Structural Units (Along Line "A")



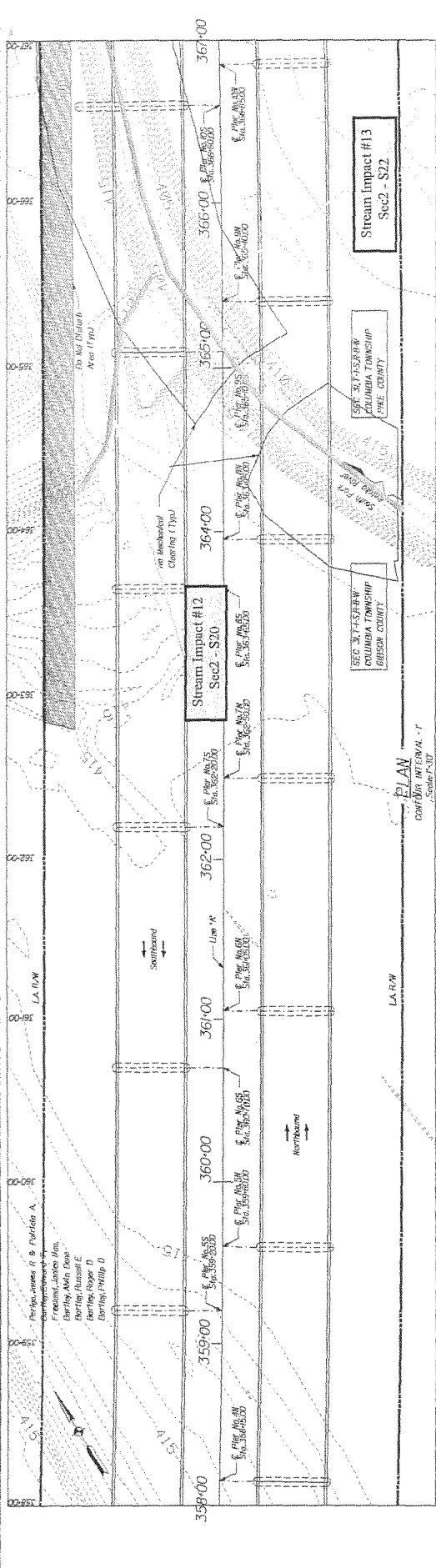
NORTHBOUND BRIDGE - PROFILE ON PROPOSED LINE "A"

Scale: Vert. 1"=30', Horiz. 1"=40'
 Structural Units (Along Line "A")



PLAN

Scale: 1"=80'

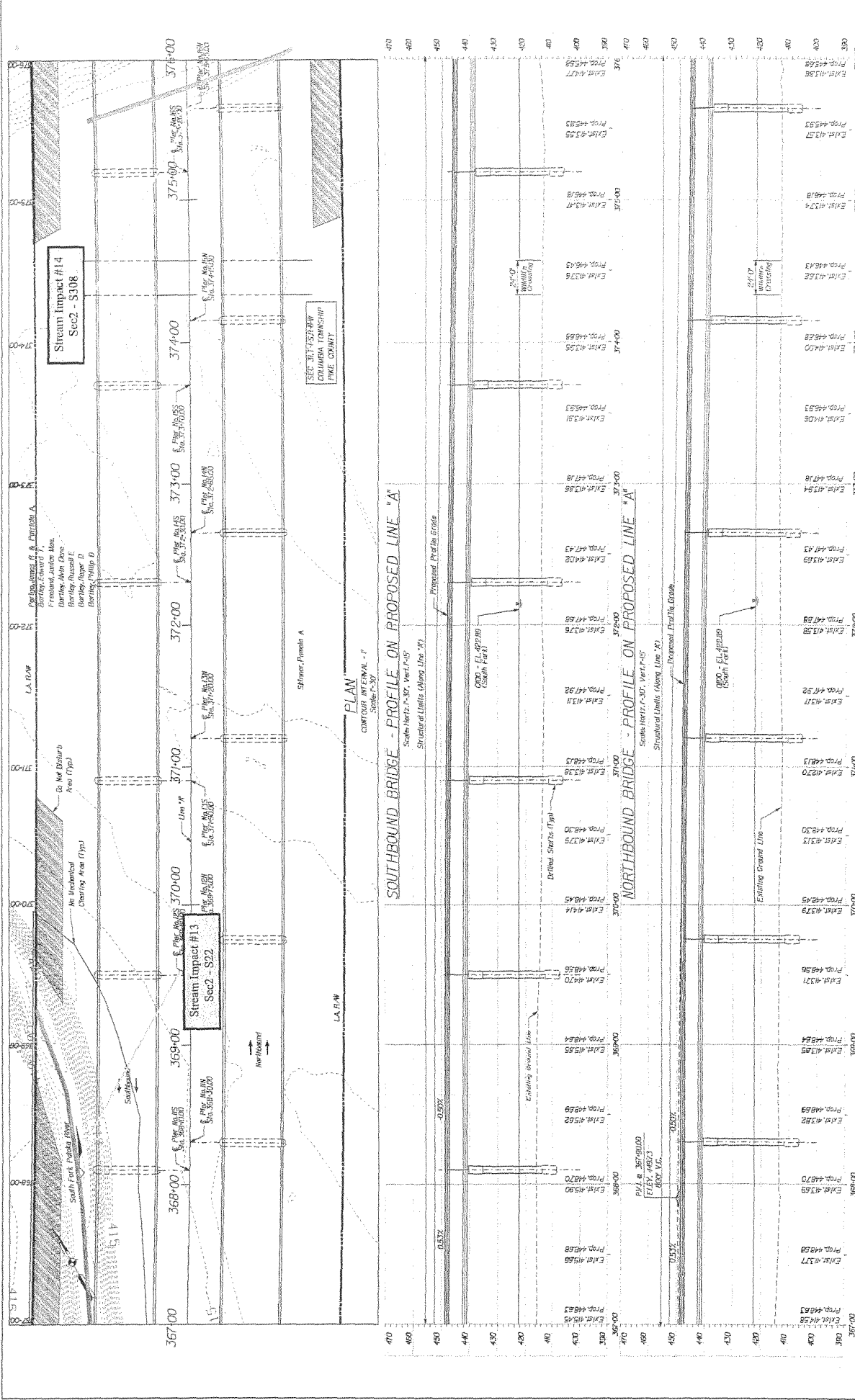


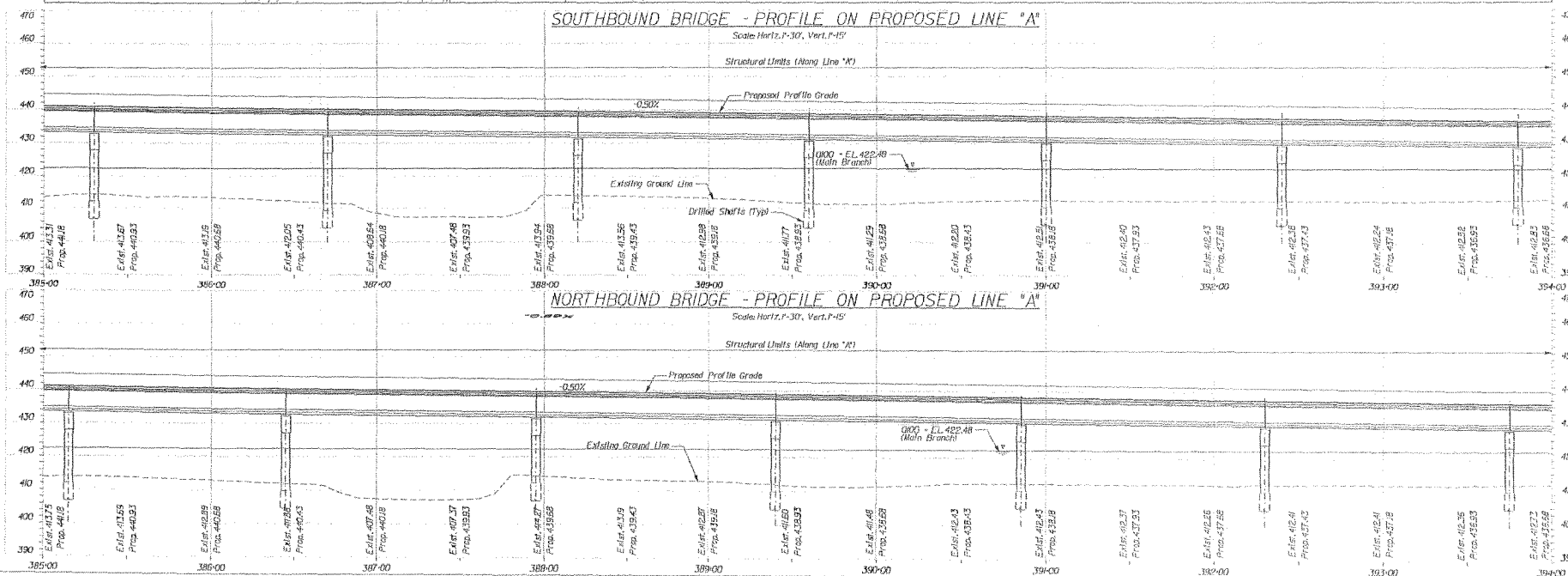
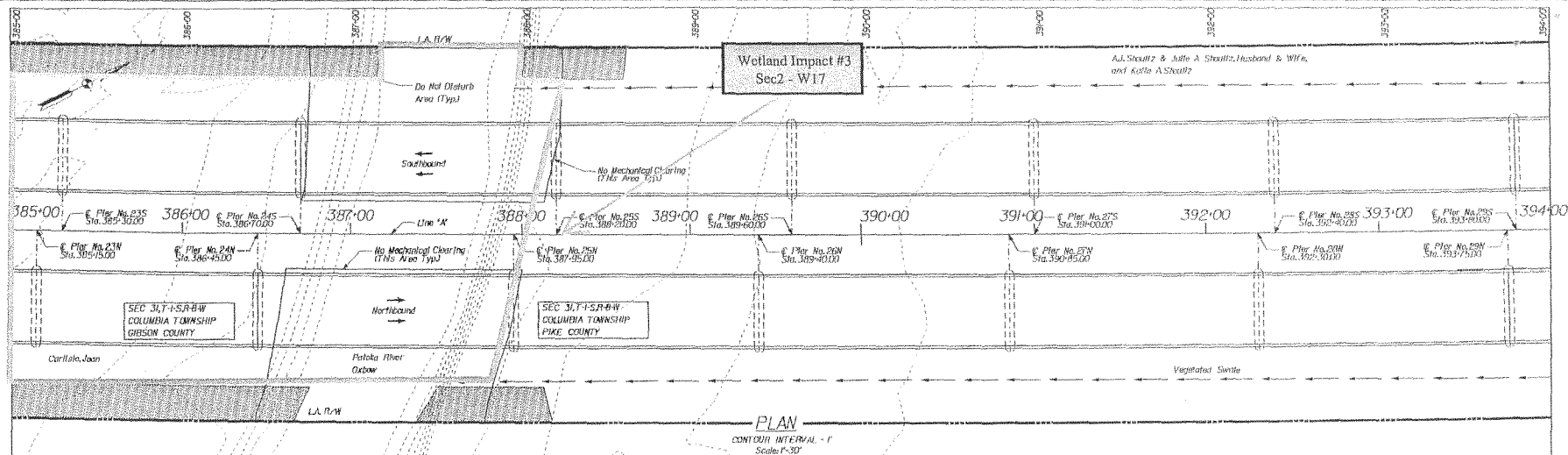


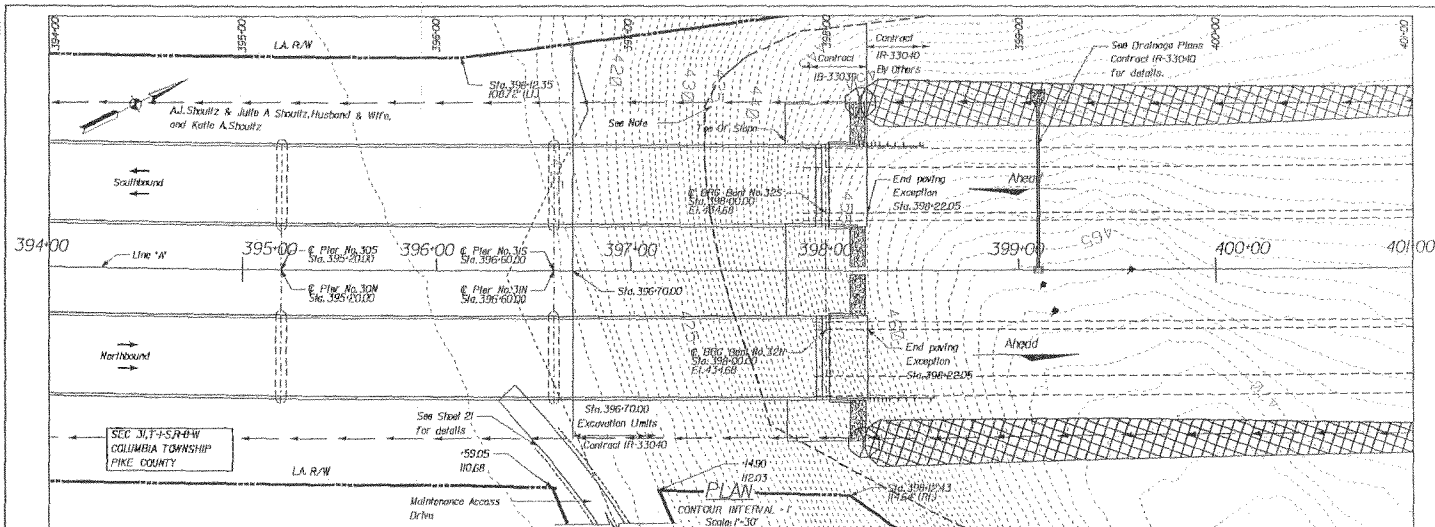
DESIGNED BY: *Shirley B. B...*
 CHECKED BY: *Shirley B. B...*
 DATE: 12/15/2011

INDIANA
 DEPARTMENT OF TRANSPORTATION
 LAYOUT

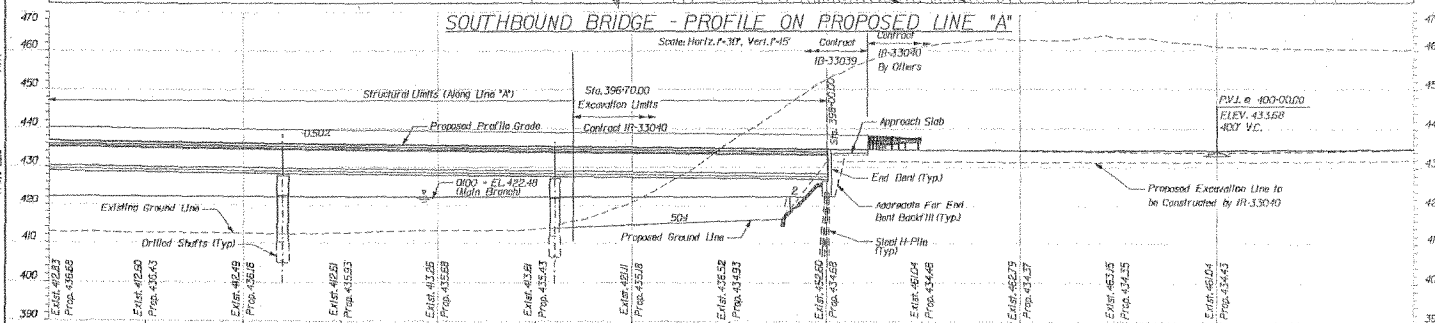
PROJECT NO.	INDIANA 300
CONTRACT NO.	INDIANA 300
SHEET NO.	37
TOTAL SHEETS	272
DATE	12/15/2011



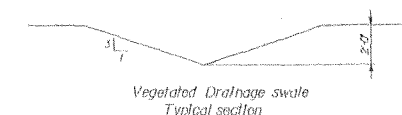
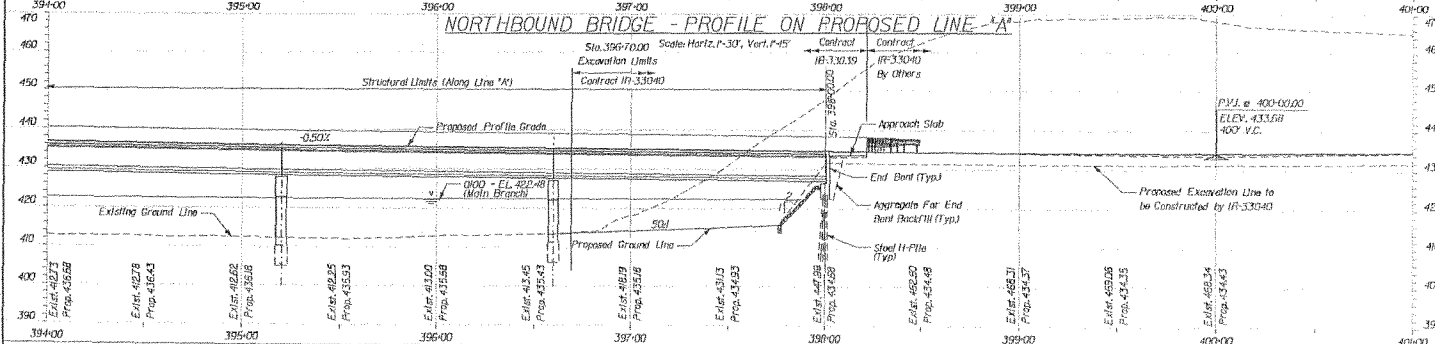




SOUTHBOUND BRIDGE - PROFILE ON PROPOSED LINE "A"

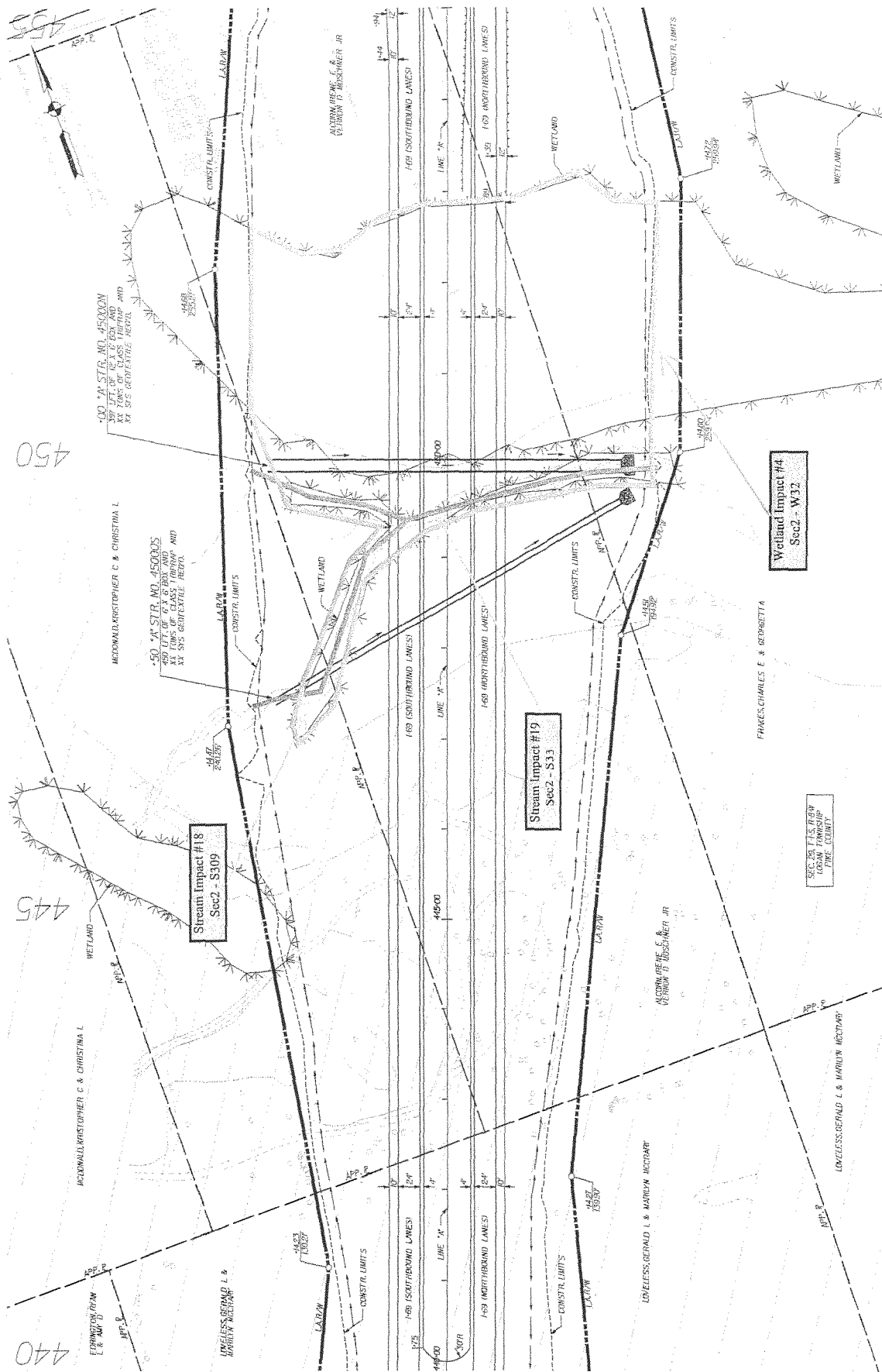


NORTHBOUND BRIDGE - PROFILE ON PROPOSED LINE "A"

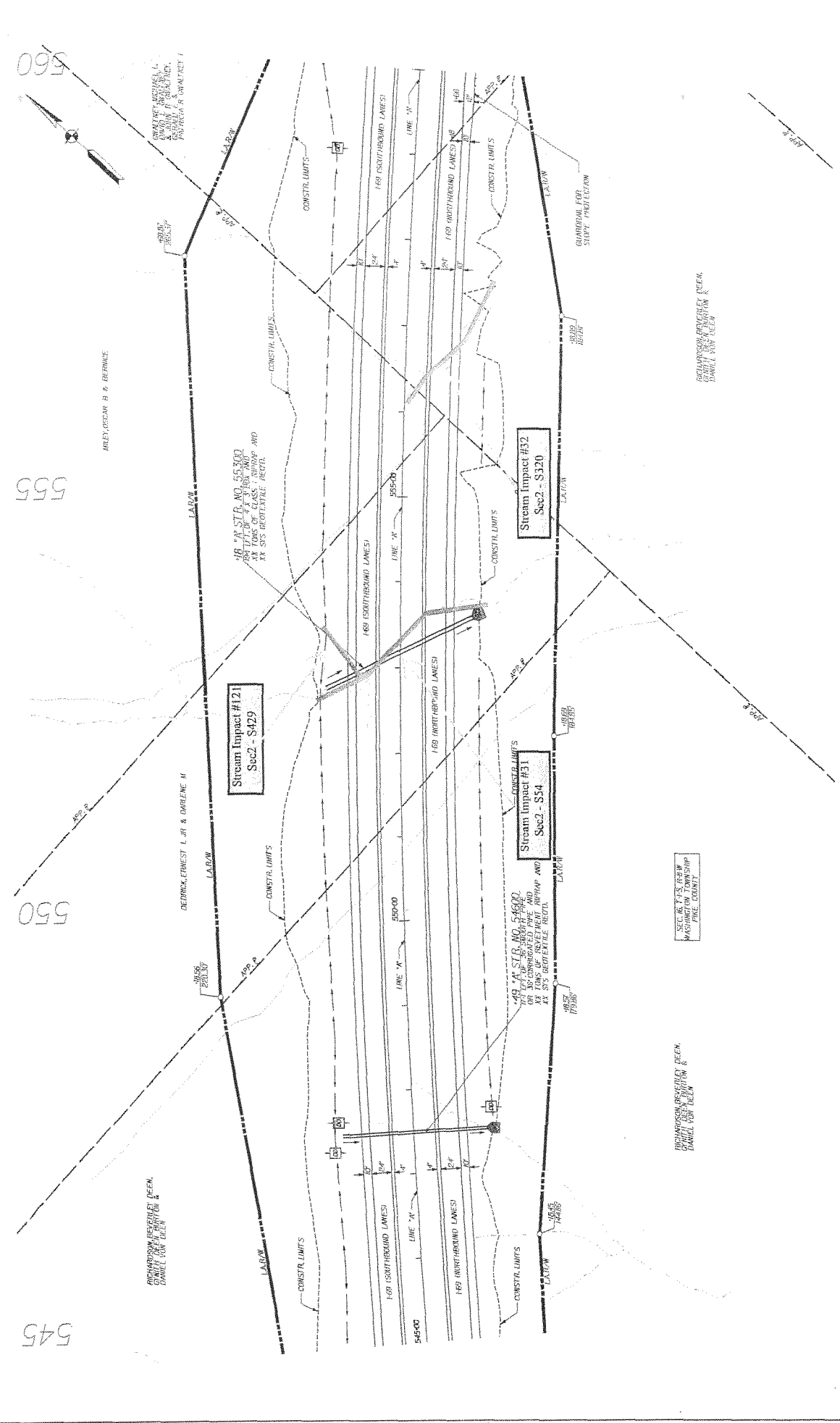


Contractor to provide vegetated swales and associated grading to convey split runoff from the bridge to the Paddock Bluffs drainage areas.

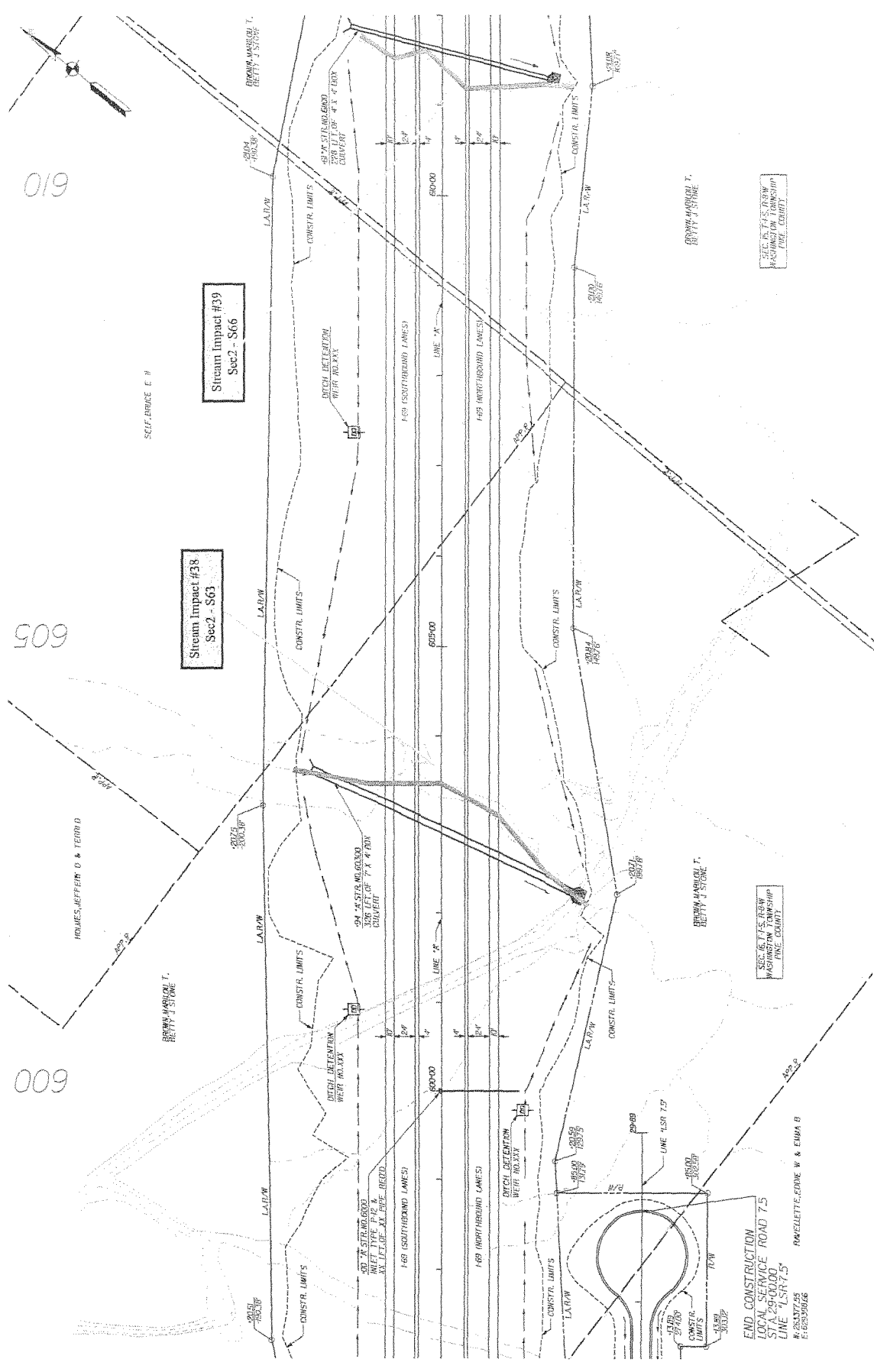
	RECOMMENDED FOR APPROVAL		DESIGNED: <i>David V. Hirsch</i>		DATE: _____		
	DESIGNED: MSL		DRAWN: RP				
	CHECKED: SPH		CHECKED: SRL				
INDIANA DEPARTMENT OF TRANSPORTATION LAYOUT						HORIZONTAL SCALE 1" = 30'	BRIDGE FILE IR-33040/INDIANA RD 26 DRAWING
						VERTICAL SCALE 1" = 10'	ELEVATION BRIDGE DECK & GROUND SURF
						SURVEY PLEN IR-33039	SHEET 8 OF 25 PROJECT DOWNEY



PRODUCTION NAME	CONFIDENTIAL
VERICAL NAME	16-1040
DATE	12/23/03
REVISION	12/24/03
DESIGNATION	9
PROJECT FILE	5
PROJECT NAME	12/24/03



LEGEND	INDIANA		DEPARTMENT OF TRANSPORTATION		PLANNING		PROJECT		PROJECT	
	INDIANA		DEPARTMENT OF TRANSPORTATION		PLANNING		PROJECT		PROJECT	
<div> <div></div> <div> <div></div> <div></div> </div> </div>	HORIZONTAL SCALE		VERTICAL SCALE		SHEET NO.		SHEET TOTAL		PROJECT	
	1" = 50'		1" = 10'		10		10		PROJECT	
<div> <div></div> <div></div> </div>	HORIZONTAL SCALE		VERTICAL SCALE		SHEET NO.		SHEET TOTAL		PROJECT	
	1" = 50'		1" = 10'		10		10		PROJECT	



019

505

009

SECTION E H

Stream Impact #39
Sec2 - S66

Stream Impact #38
Sec2 - S63

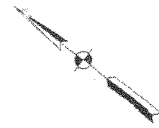
SEC. 16, T. 4 S. R. 3 W.
WASHINGTON TOWNSHIP
PINE COUNTY

SEC. 16, T. 4 S. R. 3 W.
WASHINGTON TOWNSHIP
PINE COUNTY

END CONSTRUCTION
LOCAL SERVICE ROAD 7.5
STA 29+00.00
LINE 15R 7.5
25337755
E 15555566

LEGEND
ENTER FROM LINE
DITCH CHECK

INDIANA				DEPARTMENT OF TRANSPORTATION				PLAN SHEET				LINE 1A				STA 597+00 TO STA 612+00			
RECOMMENDED	DESIGN	ENGINEER	DATE	DESIGNED	NEW	DRIVER	APR	CHECKED	DM	APR	APR	CHECKED	DM	APR	APR	CHECKED	DM	APR	APR
APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED



625

620

615

SELF-PRICE E II

BROWN HARBOR T.
BETTY J STONE

LA/R/W

LA/R/W

LA/R/W

CONSTR. LIMITS

CONSTR. LIMITS

CONSTR. LIMITS

Stream Impact #40
Sec 2 - S60

344 FT. TRANSVERSE
300 FT. OF 48" SMOOTH PIPE
OR EQUIVALENT PIPE

DITCH DETENTION
WEIR NO. 100

DITCH DETENTION
WEIR NO. 100

DITCH DETENTION
WEIR NO. 100

DITCH DETENTION
WEIR NO. 100

DITCH DETENTION
WEIR NO. 100

160 (SOUTHERN LINES)

160 (SOUTHERN LINES)

160 (SOUTHERN LINES)

160 (SOUTHERN LINES)

160 (SOUTHERN LINES)

150

140

DITCH DETENTION
WEIR NO. 100

DITCH DETENTION
WEIR NO. 100

DITCH DETENTION
WEIR NO. 100

DITCH DETENTION
WEIR NO. 100

DITCH DETENTION
WEIR NO. 100

CONSTR. LIMITS

CONSTR. LIMITS

CONSTR. LIMITS

CONSTR. LIMITS

CONSTR. LIMITS

LA/R/W

LA/R/W

LA/R/W

LA/R/W

LA/R/W

SEC. 15 F.S. NEW
WASHINGTON TOWNSHIP
FINE CEMENT

SEC. 15 F.S. NEW
WASHINGTON TOWNSHIP
FINE CEMENT

BROWN HARBOR T.
BETTY J STONE

TRUSTEES
OF SLATE CREEK
GENERAL IMPROVEMENTS

SELF-PRICE E II

BROWN HARBOR T.
BETTY J STONE

TRUSTEES
OF SLATE CREEK
GENERAL IMPROVEMENTS

LEGEND

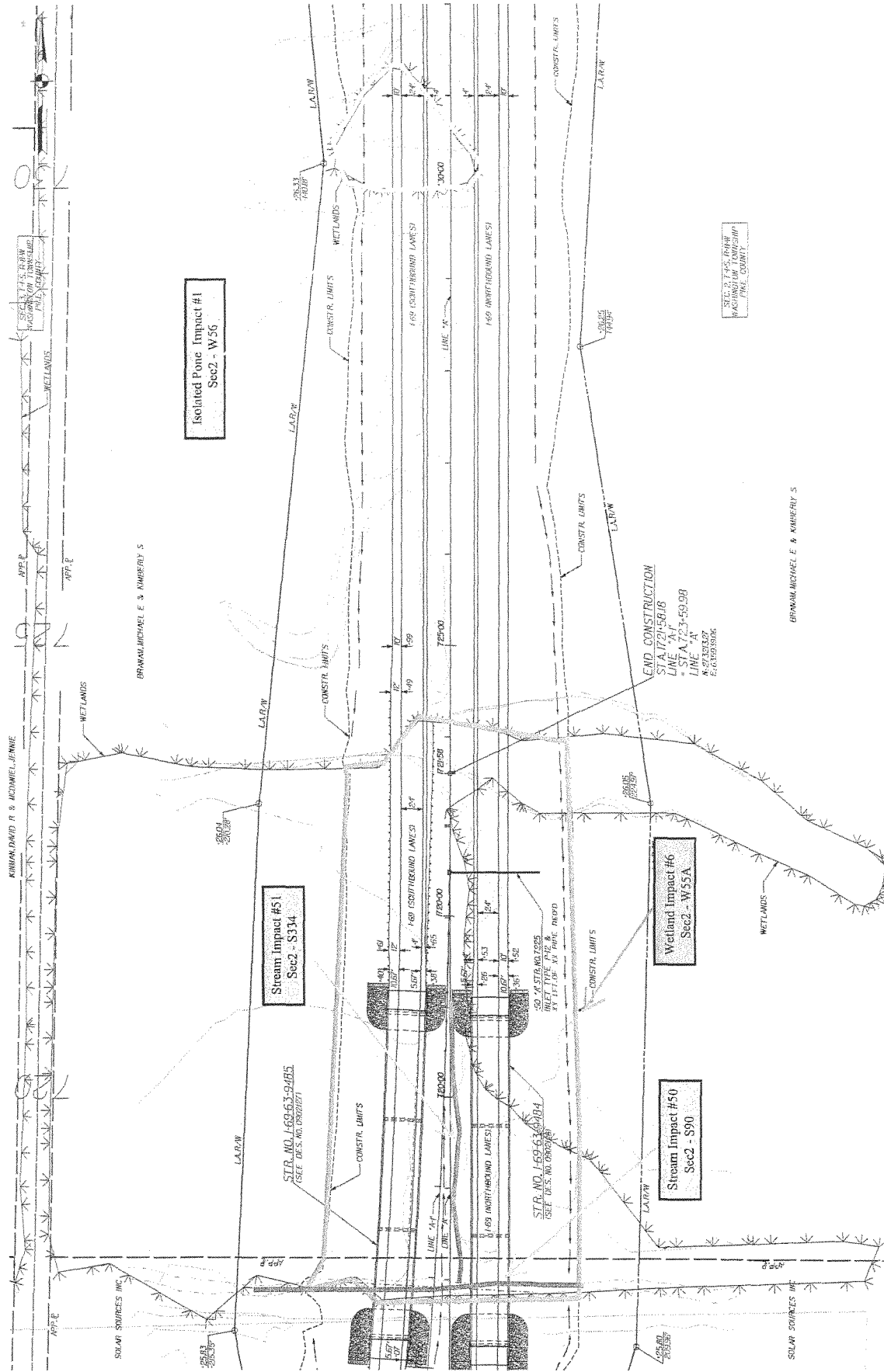
DITCH FLOW LINE
DITCH CHECK

Page 71 of 272

INDIANA
DEPARTMENT OF TRANSPORTATION
PLAN SHEET
LINE "A"
STA. 612+00 TO STA. 627+00

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INSTRUMENTAL SCALE 1" = 20'	PROJECT FILE
DESIGNED	SPAWN	APR	VERTICAL SCALE	REVISIONS
CHECKED	DM	CHECKED	SHEET NO.	DATE
INCHES	INCHES	INCHES	CONTRACT	NO.
			NO.	NO.

KIRWAN DAVID R & MICHAEL JENNIE



Isolated Pond Impact #1
Sec2 - W56

Stream Impact #51
Sec2 - S334

Wetland Impact #6
Sec2 - W55A

Stream Impact #50
Sec2 - S90

END CONSTRUCTION
STA. 1721+56.18
LINE "A-F"
STA. 1723+59.98
LINE "A-A"

SEC. 2, T4S, R4W
HAWKINS TOWNSHIP
PINE COUNTY

BRAND MICHAEL E & KIMBERLY S

LEGEND
DITCH FLOW LINE
DITCH CENTER

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DRAWN		CHECKED		DATE	
DESIGNED		BY		DATE	
CHECKED		BY		DATE	
PROJECT NO.		SHEET NO.		SHEET TOTAL	
PROJECT NAME		SHEET NAME		SHEET TOTAL	
PROJECT LOCATION		SHEET LOCATION		SHEET TOTAL	
PROJECT SCALE		SHEET SCALE		SHEET TOTAL	
PROJECT DATE		SHEET DATE		SHEET TOTAL	
PROJECT DRAWN BY		SHEET DRAWN BY		SHEET TOTAL	
PROJECT CHECKED BY		SHEET CHECKED BY		SHEET TOTAL	
PROJECT DESIGNED BY		SHEET DESIGNED BY		SHEET TOTAL	
PROJECT BY		SHEET BY		SHEET TOTAL	
PROJECT DATE		SHEET DATE		SHEET TOTAL	
PROJECT SCALE		SHEET SCALE		SHEET TOTAL	
PROJECT DATE		SHEET DATE		SHEET TOTAL	
PROJECT DRAWN BY		SHEET DRAWN BY		SHEET TOTAL	
PROJECT CHECKED BY		SHEET CHECKED BY		SHEET TOTAL	
PROJECT DESIGNED BY		SHEET DESIGNED BY		SHEET TOTAL	
PROJECT BY		SHEET BY		SHEET TOTAL	
PROJECT DATE		SHEET DATE		SHEET TOTAL	
PROJECT SCALE		SHEET SCALE		SHEET TOTAL	
PROJECT DATE		SHEET DATE		SHEET TOTAL	
PROJECT DRAWN BY		SHEET DRAWN BY		SHEET TOTAL	
PROJECT CHECKED BY		SHEET CHECKED BY		SHEET TOTAL	
PROJECT DESIGNED BY		SHEET DESIGNED BY		SHEET TOTAL	
PROJECT BY		SHEET BY		SHEET TOTAL	
PROJECT DATE		SHEET DATE		SHEET TOTAL	
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820

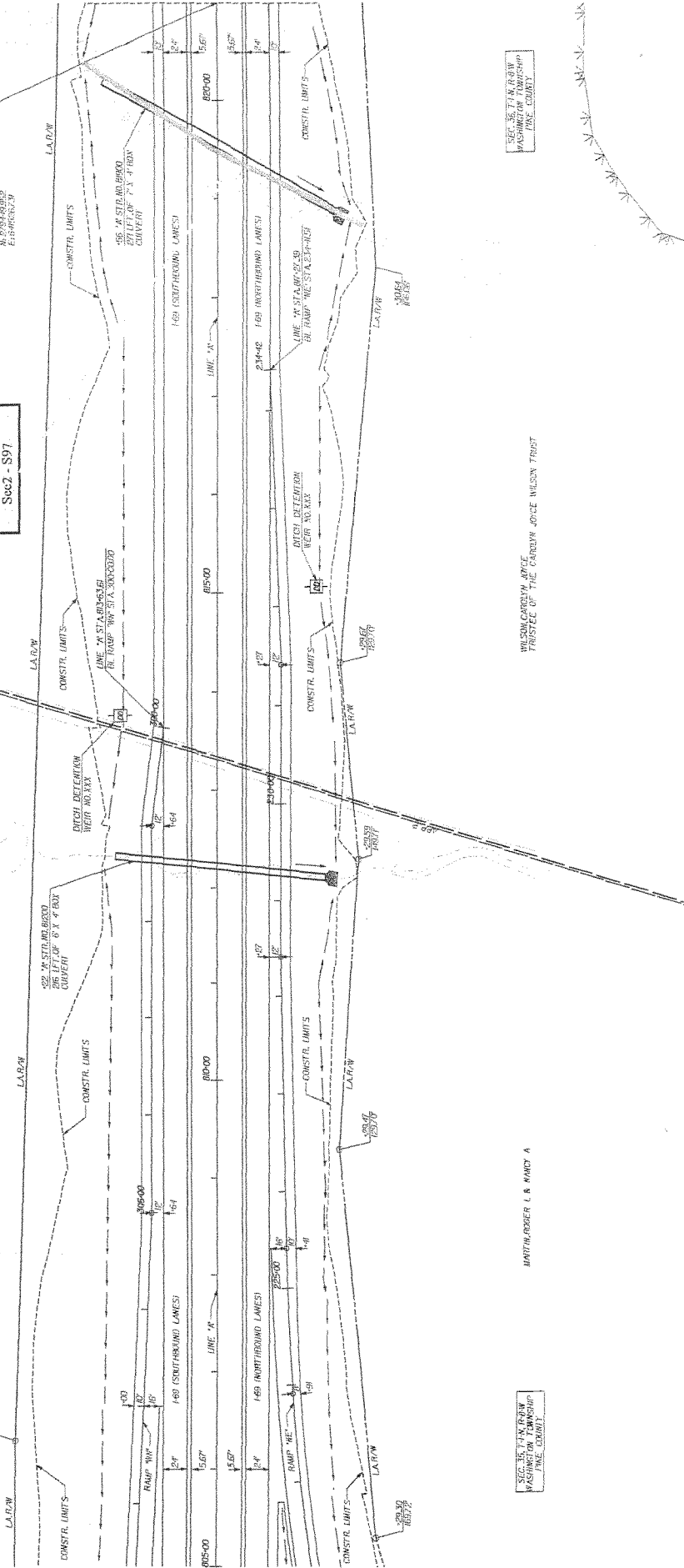
UNITED ROBERT L & MARY A

WILSON CAROLYN ARICE
TRUSTEE OF THE CAROLYN JOICE WILSON TRUST

END PROJECT
STA. 821+00.00
LINE "A"
(SEE DES. NO.
902202 TO NORTH)
N 87° 44' 00" E
1.1165673

Stream Impact #57
Sec 2 - S97

30.31
30.37



SEC. 35, T. 1 N. R. 1 W. WASHINGTON TOWNSHIP FINE COUNTY

UNITED ROBERT L & MARY A

WILSON CAROLYN ARICE
TRUSTEE OF THE CAROLYN JOICE WILSON TRUST

SEC. 35, T. 1 N. R. 1 W. WASHINGTON TOWNSHIP FINE COUNTY

LEGEND

BRUSH FLOW LINE
DITCH CHECK

Page 104 of 272

INDIANA
DEPARTMENT OF TRANSPORTATION
PLAN SHEET
LINE "A"
STA. 805+00 TO STA. 821+00

DESIGNED BY: [blank]
CHECKED BY: [blank]
DESIGN ENGINEER: [blank]
DATE: [blank]

PROPOSED SCALE: 1" = 50'
CONTRACT: [blank]
SHEET NO.: [blank]
SHEET TOTAL: [blank]

820

825

830

835

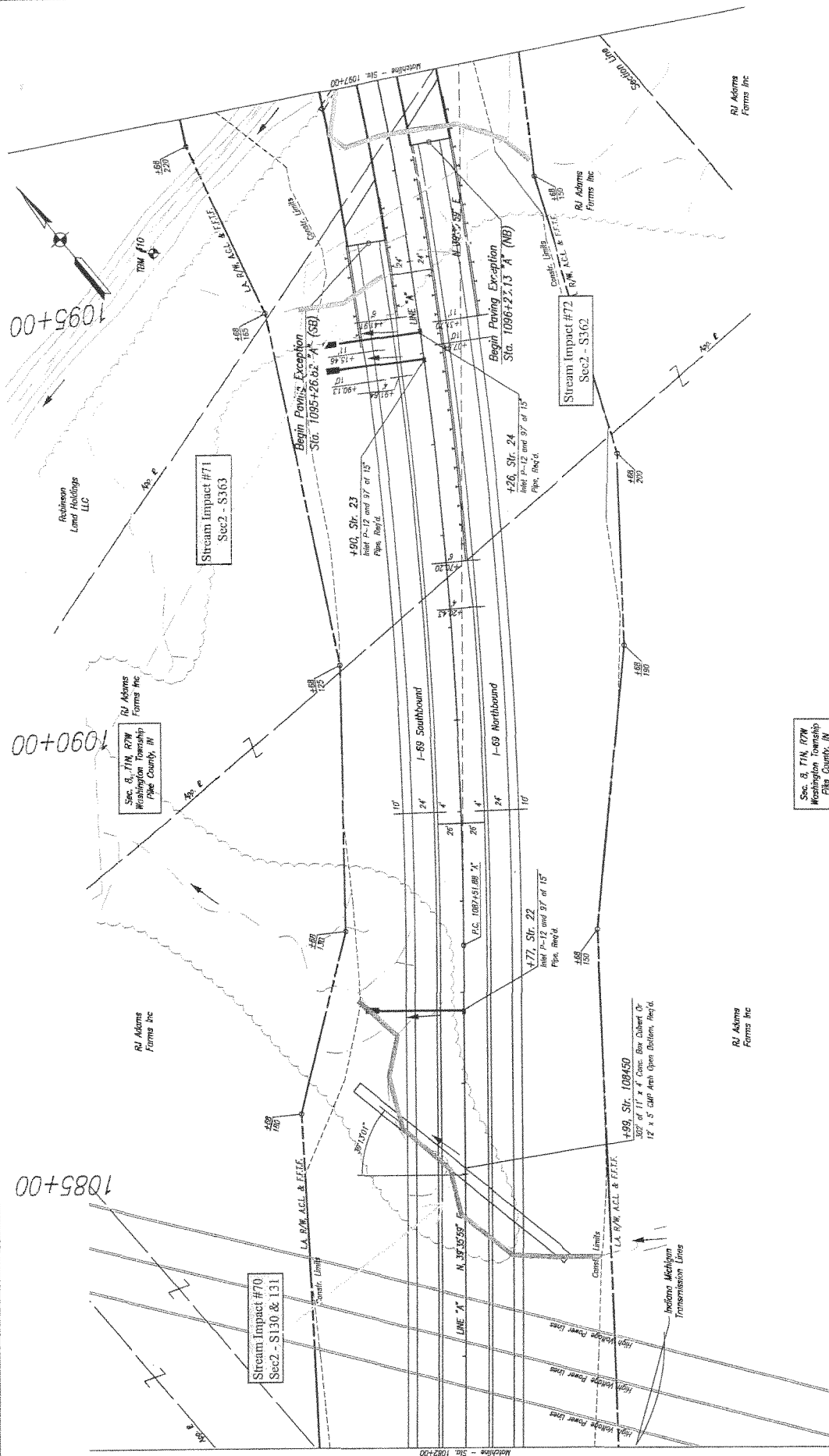
Wetland Impact #7
Sec2 - W64

BEGIN CONSTRUCTION
PROJECT NO. 0902202
P.O.T. STA. 821+00.00 "A"
N: 279449.95
E: 641526.73



SEGMENT 3
SEGMENT 4

RECOMMENDED FOR APPROVAL		INDIANA		DEPARTMENT OF TRANSPORTATION		PROJECT FILE	
DESIGN ENGINEER		DATE		HORIZONTAL SCALE		VERTICAL SCALE	
REGISTERED:		DATE		1" = 50'		1" = 10'	
CHECKED:		DATE		SHEET NO.		SHEET NO.	
NLR		NLR		IN-25042		0902202	



Legend
 X Building Removal

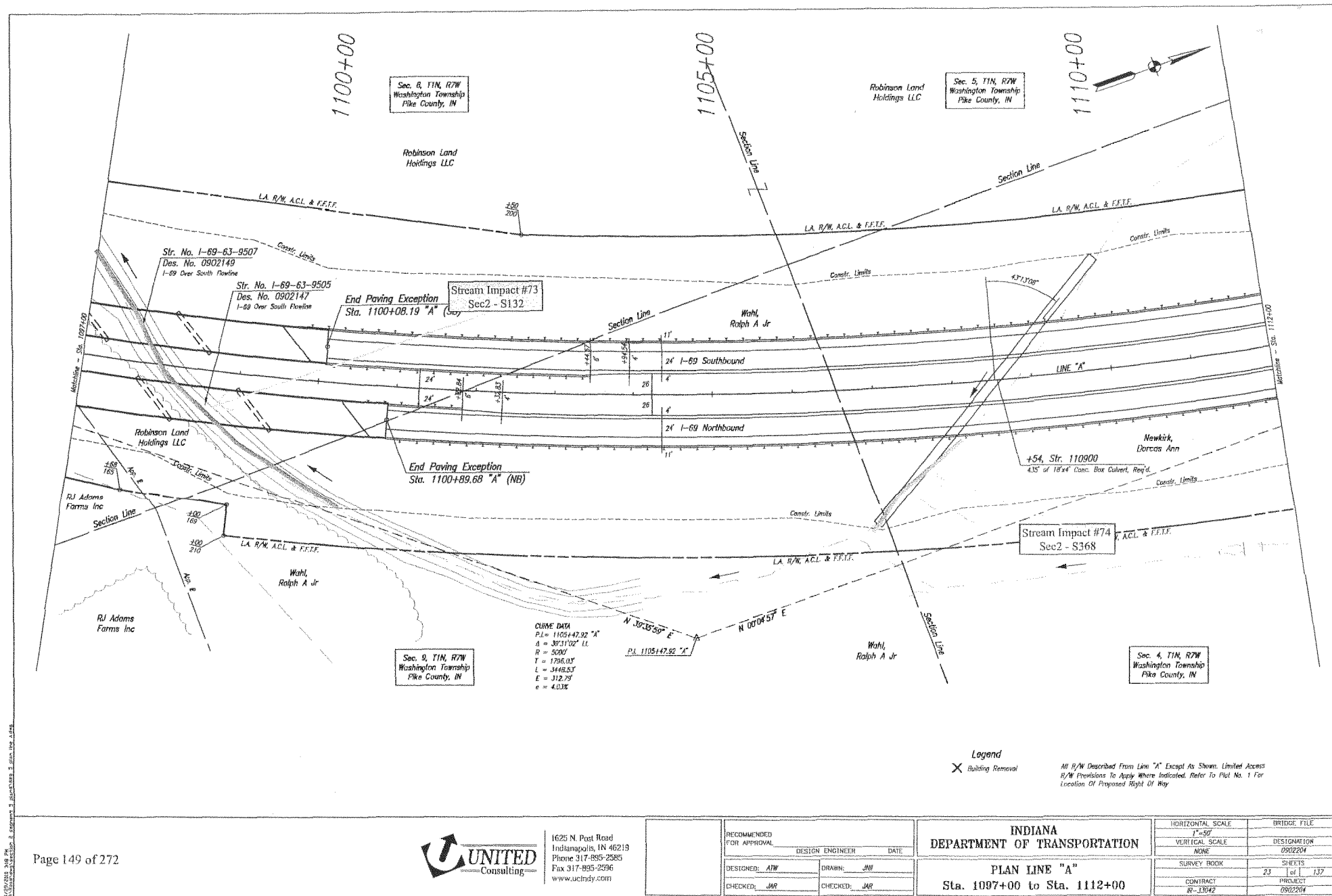
All R/W Described From Line "A" Except At Stream Limited Access
 (R/W) Indicated By Dashed Line Associated Refer To Plan No. 1107
 Location Of Proposed Right Of Way

INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1"=50'	BRIDGE FILE
PLAN LINE "A"	VERTICAL SCALE NONE	DESIGNATION 090224
Sta. 1082+00 to Sta. 1097+00	SHEET BOOK CONTRACT #1-1342	SHEETS 21 OF 117 PROJECT 090224

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JAW	DRAWN: JAW	
CHECKED: JAW	CHECKED: JAW	

1625 N. Post Road
 Indianapolis, IN 46219
 Phone 317-895-2585
 Fax 317-895-2586
 www.lucy.com





1625 N. Post Road
Indianapolis, IN 46219
Phone 317-895-2585
Fax 317-895-2596
www.uctnsy.com

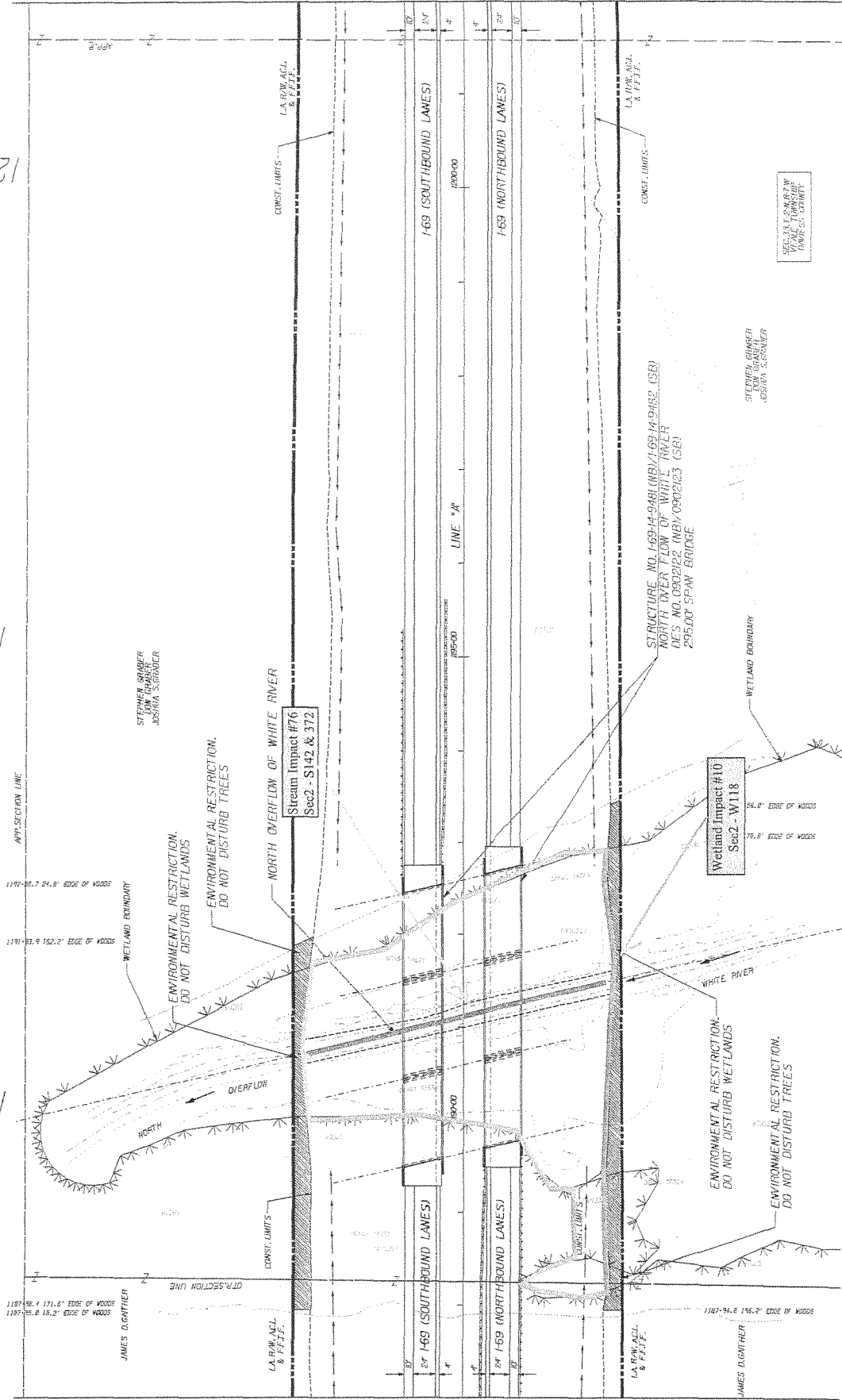
RECOMMENDED FOR APPROVAL	
DESIGNED: <i>ATW</i>	DRAWN: <i>JMR</i>
CHECKED: <i>JMR</i>	CHECKED: <i>JMR</i>


INDIANA DEPARTMENT OF TRANSPORTATION	
PLAN LINE "A"	
Sta. 1097+00 to Sta. 1112+00	

HORIZONTAL SCALE 1"=50'	BRIDGE FILE
VERTICAL SCALE NONE	DESIGNATION 0902204
SURVEY BOOK	SHEETS 23 of 137
CONTRACT R-13042	PROJECT 0902204



MATCH LINE STA 1187+00

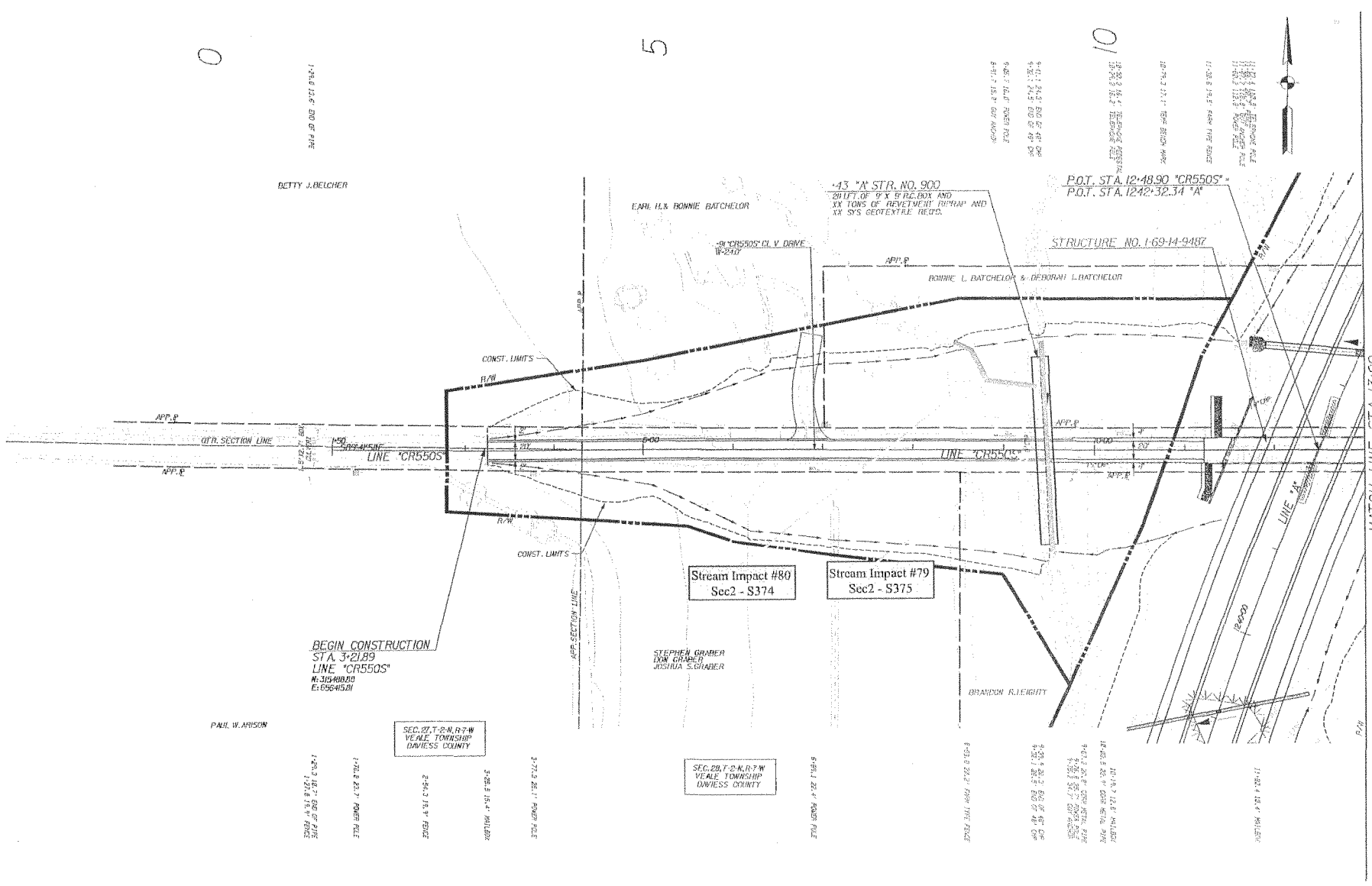


 DITCH FLOWLINE
 RETAINING WALL
 RIPRAP PIPE OR

NPSNP PIPE OUTLET PROTECTION

RECOMMENDED FOR APPROVAL		DESIGNED BY		CHECKED BY		DATE	
_____ PERSON ENGINEER		_____ INSTR.		_____ SUPERVISOR		_____ DATE	
INDIANA DEPARTMENT OF TRANSPORTATION PLAN SHEET LINE A STA. 1187+00 TO STA. 1202+00							
HORIZONTAL SCALE 1" = 40'		VERTICAL SCALE 1" = 4'		SHEET NO.		PROJECT NO.	
032442		032442		1		182442	

7:23566870-001702703505007.dgn 24-MAR-2003 15:31



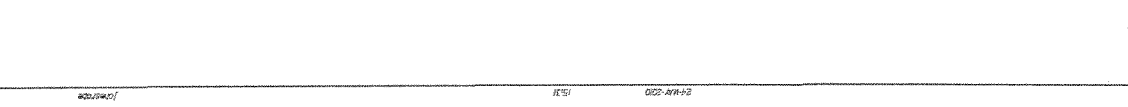
LEGEND

→ DITCH FLOWLINE

— RETAINING WALL

□ RIPRAP PIPE OUTLET PROTECTION

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		ROUTE FILE	
								P-50		S/A	
DESIGNED _____		DRAWN _____		RLI _____		PLAN SHEET LINE "CR550S" STA. 3+21.89 TO STA. 13+00		VERTICAL SCALE		DESIGNATION	
								R/A		DANM40	
CHECKED _____		RMR _____		CHECKED _____		ITW _____		SURVEY BOOK		SHEET	
								CONTRACT		1/4"	
								R-33040		PROJECT	



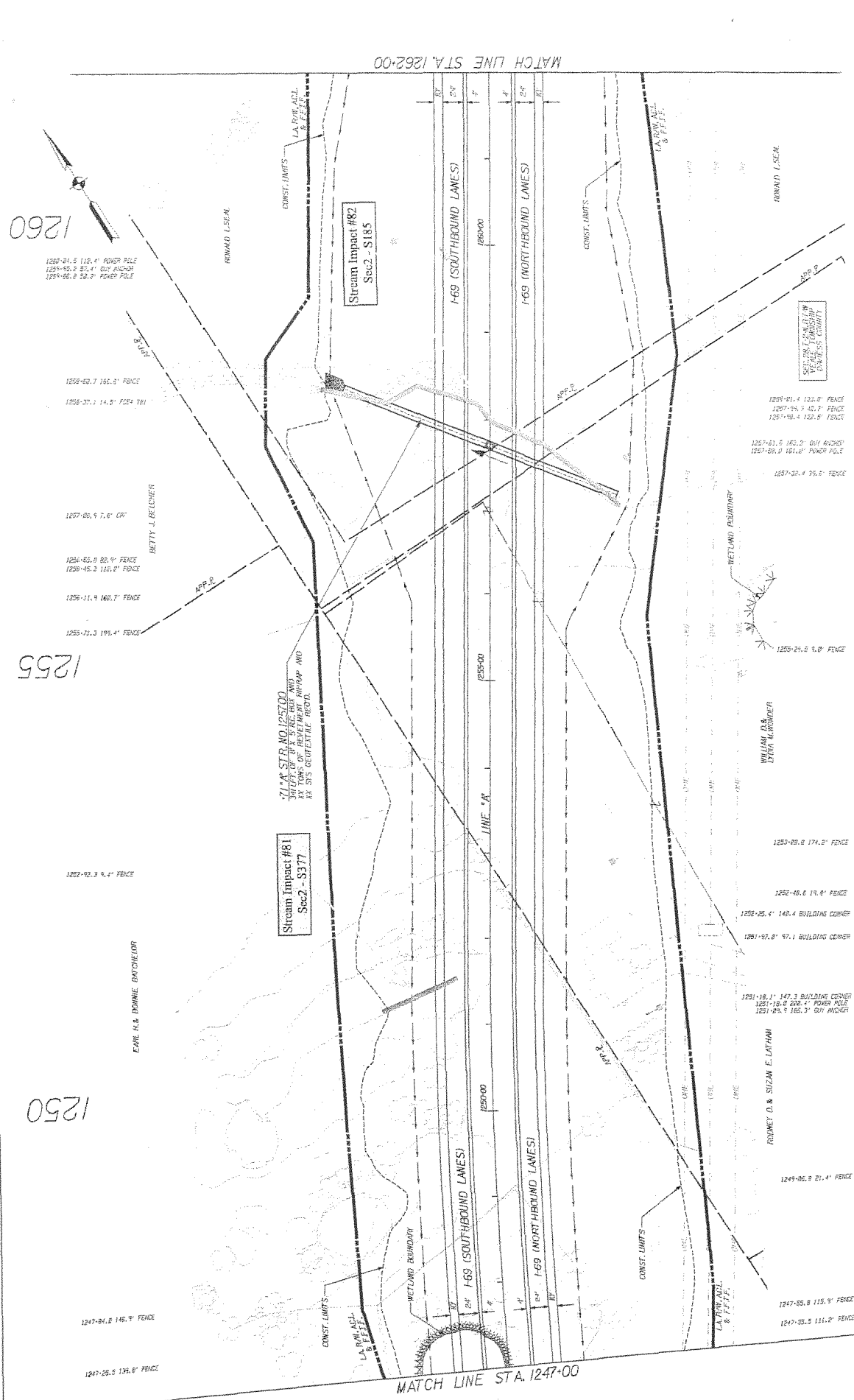
LEGEND

DITCH FILLLINE

RETAINING WALL

RIPRAP PIPE OUTLET PROTECTION

Page 177 of 272



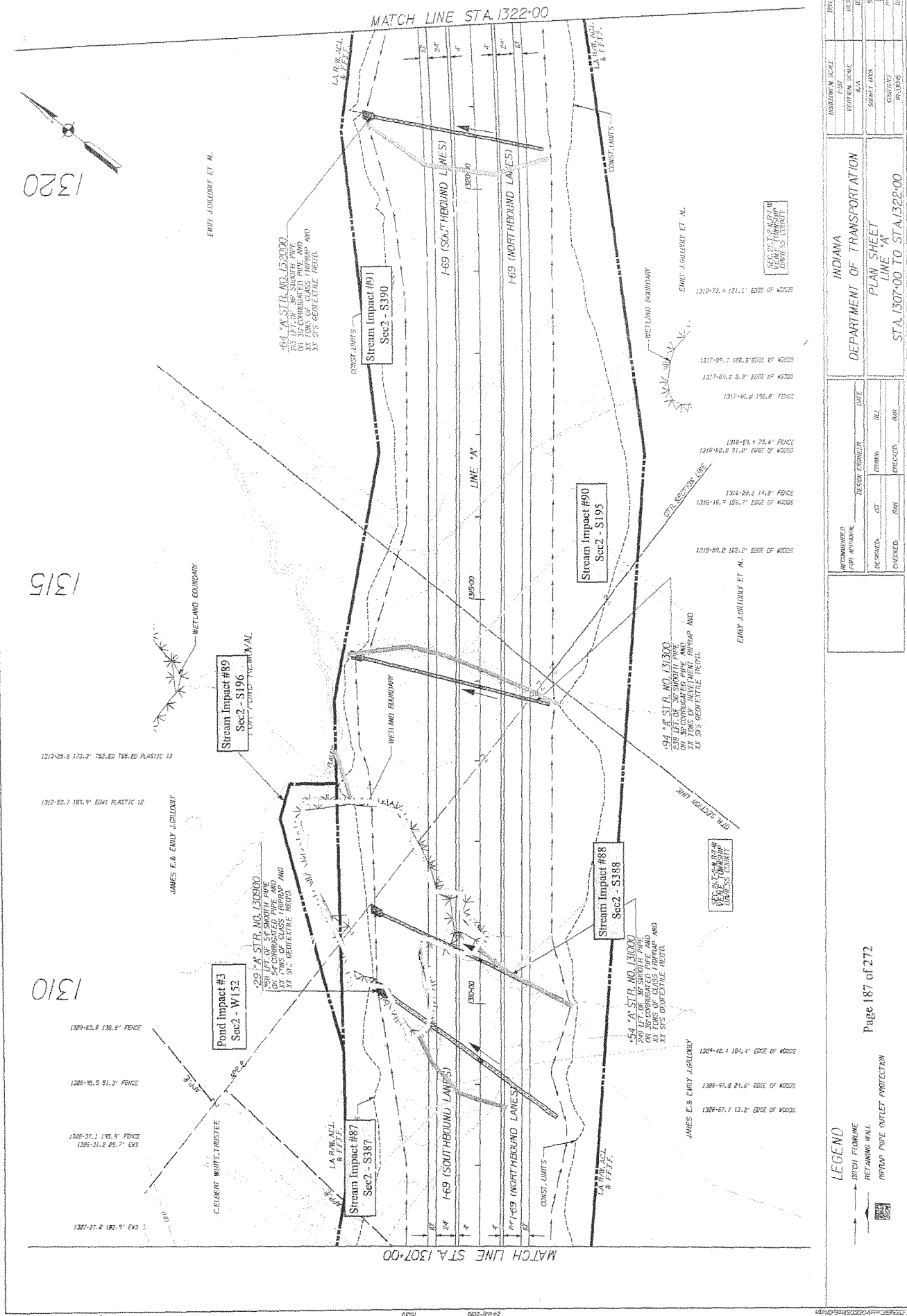
1260

1255

1250

INDIANA		DEPARTMENT OF TRANSPORTATION		PLAN SHEET		LINE 1A		STA 1247+00 TO STA 1262+00	
PROJECT NO. 1250		DESIGN ENGINEER		DATE		BY		CHECKED	
DRAWN		ST		DRL		CHKD		APPD	
DESIGNED		DRL		CHKD		APPD		REVIEWED	
NOT APPROVAL		DESIGNED		DRL		CHKD		APPD	
REVISION		REVISION		REVISION		REVISION		REVISION	
DATE		DATE		DATE		DATE		DATE	
BY		BY		BY		BY		BY	
CHECKED		CHECKED		CHECKED		CHECKED		CHECKED	
APPD		APPD		APPD		APPD		APPD	
REVISION		REVISION		REVISION		REVISION		REVISION	
DATE		DATE		DATE		DATE		DATE	
BY		BY		BY		BY		BY	
CHECKED		CHECKED		CHECKED		CHECKED		CHECKED	
APPD		APPD		APPD		APPD		APPD	

LEGEND
 DITCH FLOWLINE
 RETAINING WALL
 RIPPED PIPE OUTLET FRITIGATION





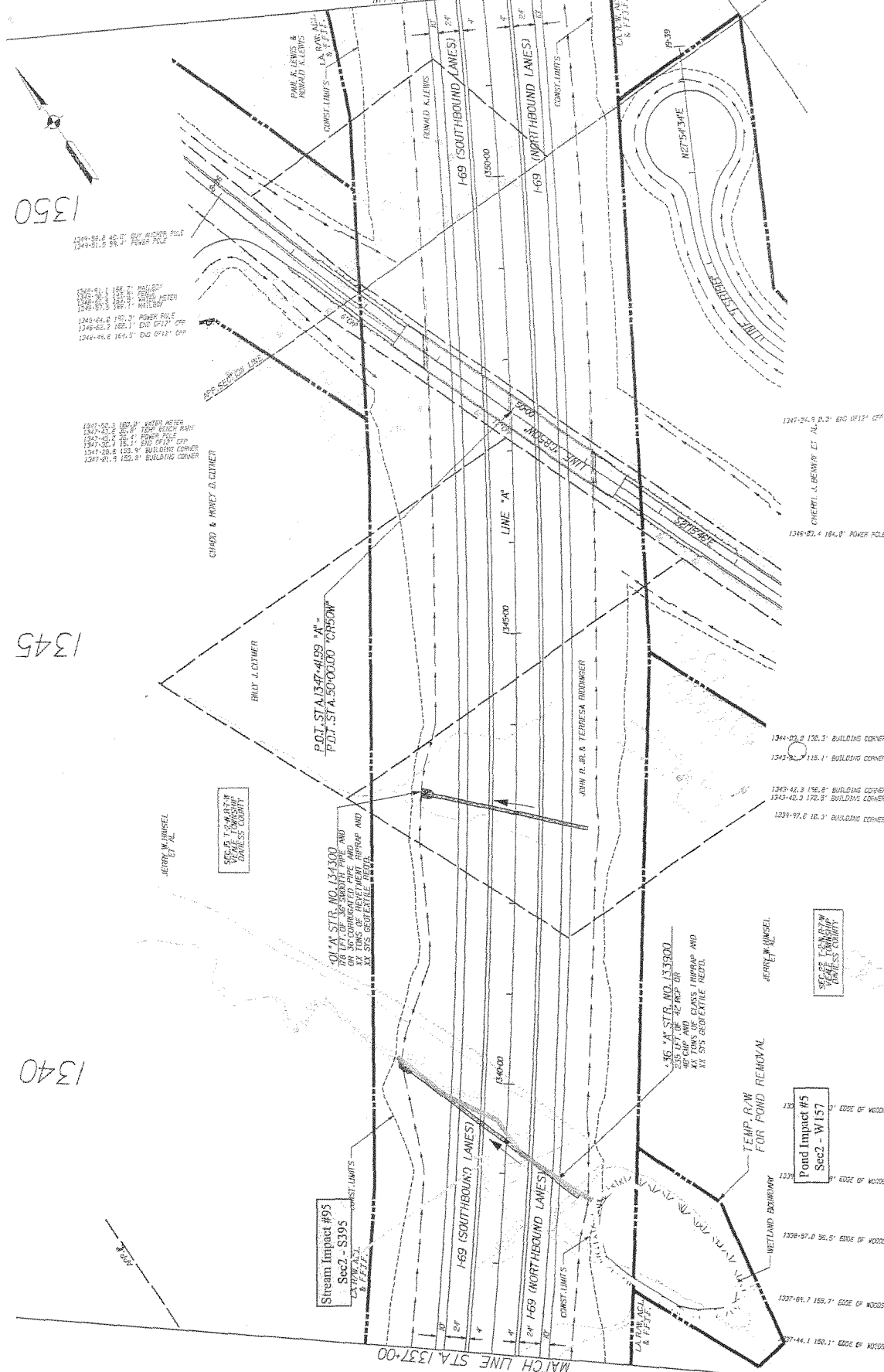
1350

1345

1340

MATCH LINE STA. 1352+00

MATCH LINE STA. 1337+00



INDIANA
DEPARTMENT OF TRANSPORTATION
PLAN SHEET
LINE "A"
STA. 1337+00 TO STA. 1352+00

DESIGNED BY
JERRY W. HINSEL
CHECKED BY
JERRY W. HINSEL

DESIGNED BY
JERRY W. HINSEL
CHECKED BY
JERRY W. HINSEL

DESIGNED BY
JERRY W. HINSEL
CHECKED BY
JERRY W. HINSEL

DESIGNED BY
JERRY W. HINSEL
CHECKED BY
JERRY W. HINSEL

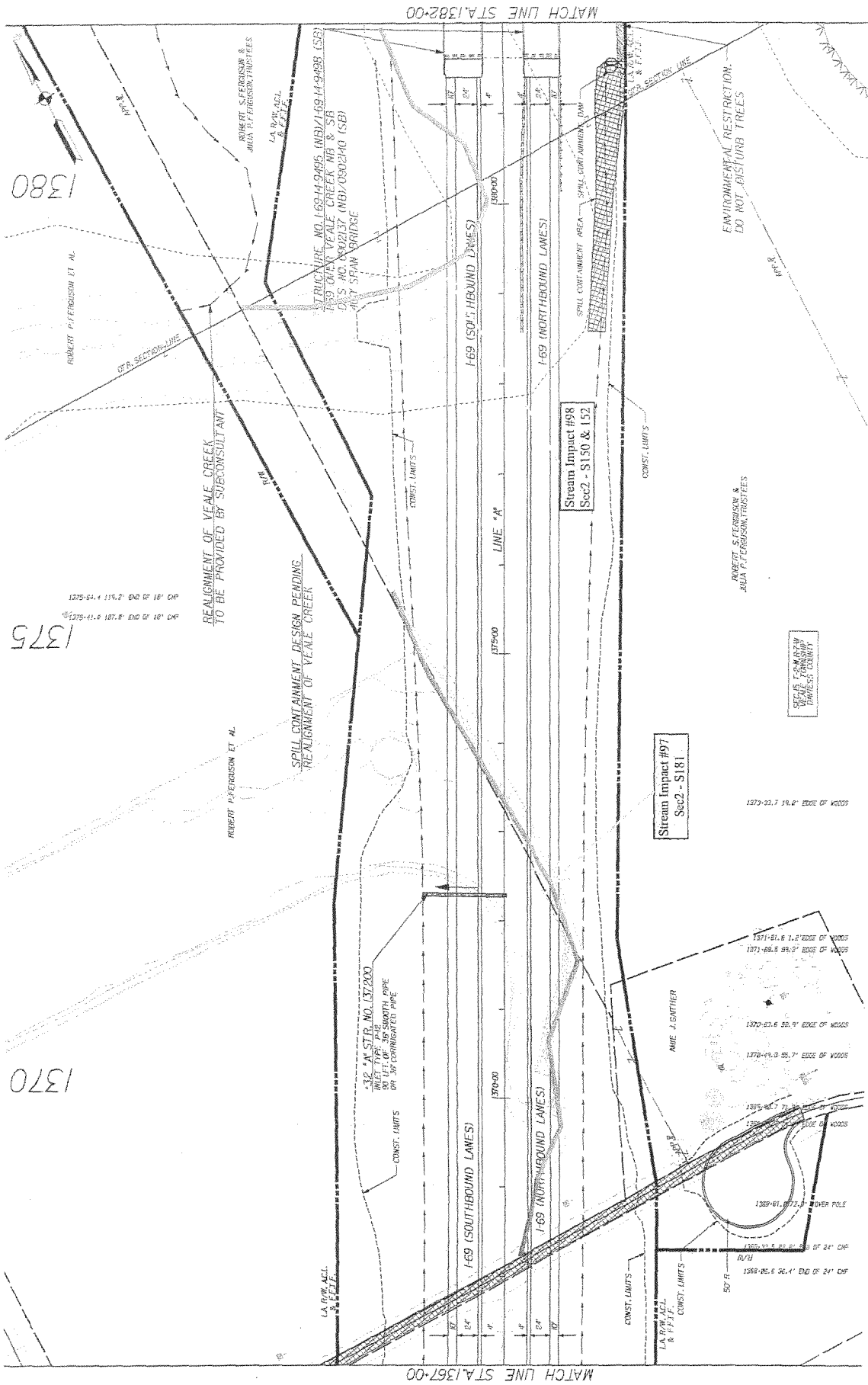
LEGEND

DITCH FLOWLINE

RETAINING WALL

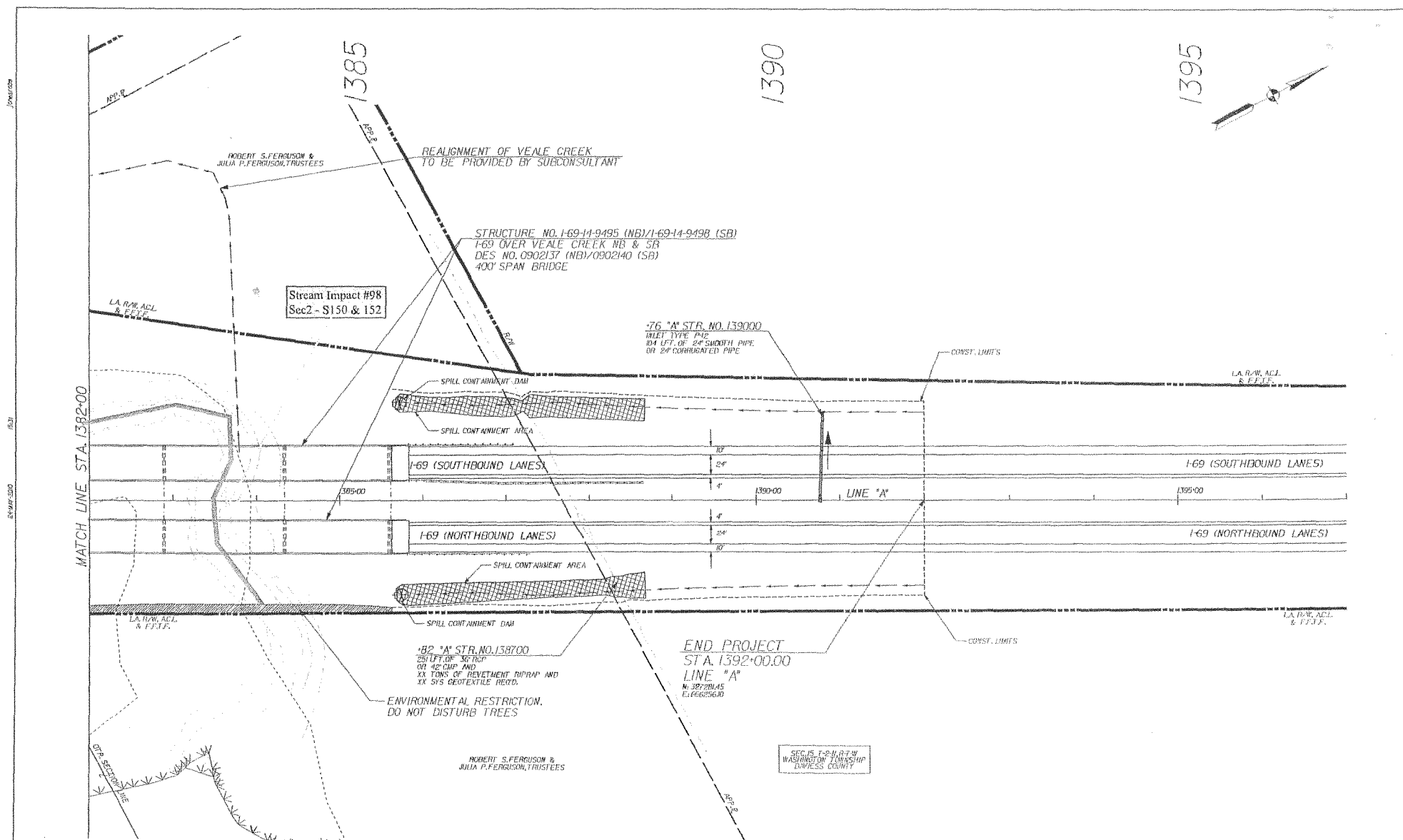
RIPPRAP PIPE OUTLET PROTECTION

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RECOMMENDED FOR APPROVAL				DESIGN ENGINEER				DATE			
DESIGNED	BY	CHECKED	DATE	DESIGNED	BY	CHECKED	DATE	DESIGNED	BY	CHECKED	DATE
INDIANA				DEPARTMENT OF TRANSPORTATION				PLAN SHEET			
								LINE "A"			
								STA. 1367+00 TO STA. 1382+00			

- LEGEND
- DITCH FLOWLINE
 - RETAINING WALL
 - RETAINING PIPE OUTLET PROTECTION



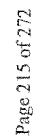
LEGEND

→ DITCH FLOWLINE

— RETAINING WALL

▣ RIPRAP PIPE OUTLET PROTECTION

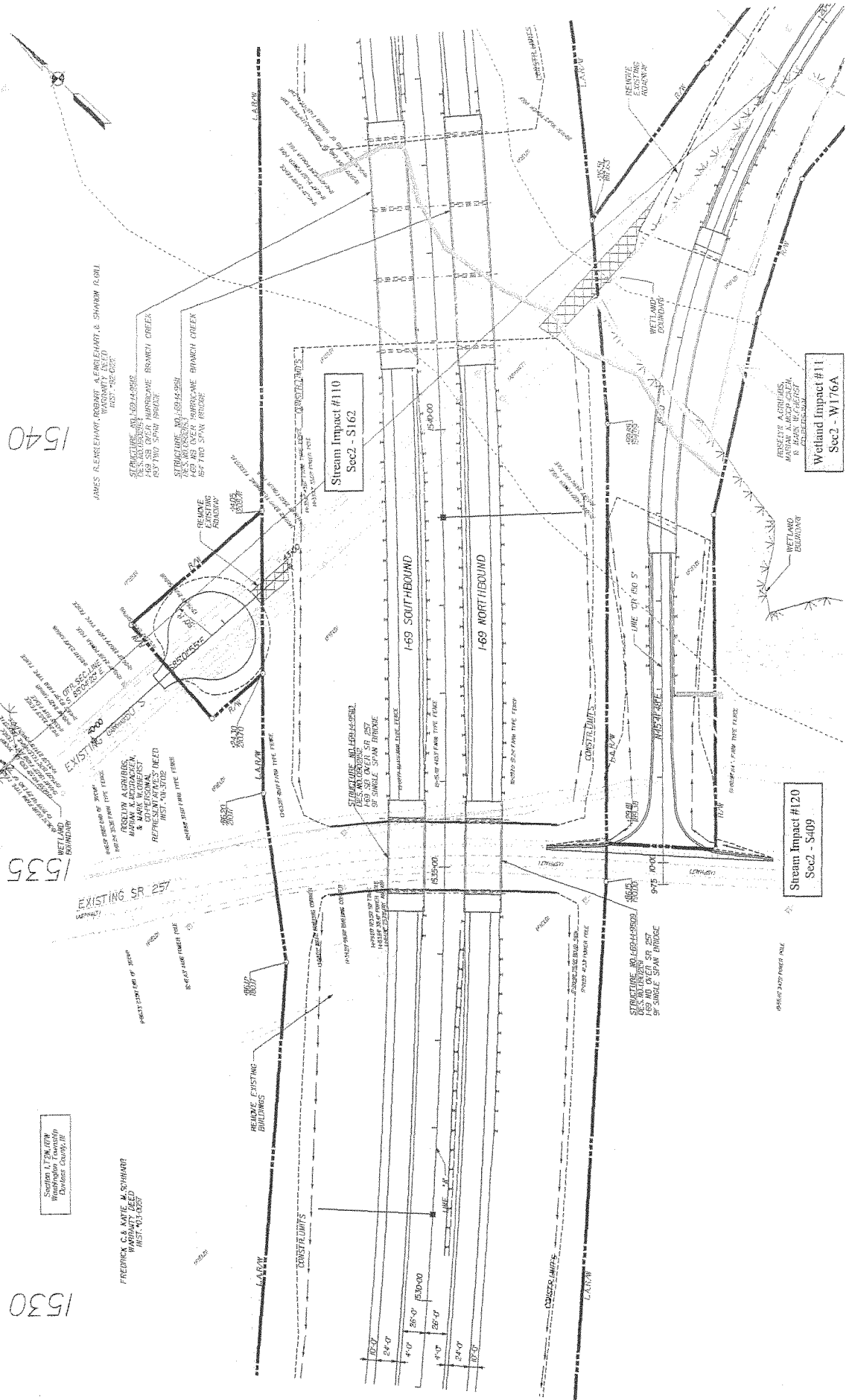
RECOMMENDED FOR APPROVAL DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1"=50'	INDEX FILE A/A
DESIGNED: JST	DRAWN: RLJ	PLAN SHEET LINE "A"		VERTICAL SCALE 1"=10'	CROSS-SECTION DESIGNED
CHECKED: GAB	CHECKED: PAS	STA. 1382+00 STA. 1392+00		SURVEY DATA	SHEET 121
				CONFIRMED RECORDS	PROJECT DESIGN



1540

1535

1530



JAMES R. KLEIN, ROBERT A. KLEIN, & SHAW, INC.
WASHINGTON, D.C. 20001
HIST. 401-3007

STRUCTURE NO. 1604-H-5002
DES. BY JAMES R. KLEIN
CONSTR. BY SHAW, INC.
HIST. 401-3007

STRUCTURE NO. 1604-H-5001
DES. BY JAMES R. KLEIN
CONSTR. BY SHAW, INC.
HIST. 401-3007

STRUCTURE NO. 1604-H-5003
DES. BY JAMES R. KLEIN
CONSTR. BY SHAW, INC.
HIST. 401-3007

STRUCTURE NO. 1604-H-5004
DES. BY JAMES R. KLEIN
CONSTR. BY SHAW, INC.
HIST. 401-3007

STRUCTURE NO. 1604-H-5005
DES. BY JAMES R. KLEIN
CONSTR. BY SHAW, INC.
HIST. 401-3007

STRUCTURE NO. 1604-H-5006
DES. BY JAMES R. KLEIN
CONSTR. BY SHAW, INC.
HIST. 401-3007

STRUCTURE NO. 1604-H-5007
DES. BY JAMES R. KLEIN
CONSTR. BY SHAW, INC.
HIST. 401-3007

STRUCTURE NO. 1604-H-5008
DES. BY JAMES R. KLEIN
CONSTR. BY SHAW, INC.
HIST. 401-3007

STRUCTURE NO. 1604-H-5009
DES. BY JAMES R. KLEIN
CONSTR. BY SHAW, INC.
HIST. 401-3007

STRUCTURE NO. 1604-H-5010
DES. BY JAMES R. KLEIN
CONSTR. BY SHAW, INC.
HIST. 401-3007

STRUCTURE NO. 1604-H-5011
DES. BY JAMES R. KLEIN
CONSTR. BY SHAW, INC.
HIST. 401-3007

STRUCTURE NO. 1604-H-5012
DES. BY JAMES R. KLEIN
CONSTR. BY SHAW, INC.
HIST. 401-3007

STRUCTURE NO. 1604-H-5013
DES. BY JAMES R. KLEIN
CONSTR. BY SHAW, INC.
HIST. 401-3007

STRUCTURE NO. 1604-H-5014
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CONSTR. BY SHAW, INC.
HIST. 401-3007

STRUCTURE NO. 1604-H-5015
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CONSTR. BY SHAW, INC.
HIST. 401-3007

STRUCTURE NO. 1604-H-5016
DES. BY JAMES R. KLEIN
CONSTR. BY SHAW, INC.
HIST. 401-3007

STRUCTURE NO. 1604-H-5017
DES. BY JAMES R. KLEIN
CONSTR. BY SHAW, INC.
HIST. 401-3007

STRUCTURE NO. 1604-H-5018
DES. BY JAMES R. KLEIN
CONSTR. BY SHAW, INC.
HIST. 401-3007

STRUCTURE NO. 1604-H-5019
DES. BY JAMES R. KLEIN
CONSTR. BY SHAW, INC.
HIST. 401-3007

STRUCTURE NO. 1604-H-5020
DES. BY JAMES R. KLEIN
CONSTR. BY SHAW, INC.
HIST. 401-3007

STRUCTURE NO. 1604-H-5021
DES. BY JAMES R. KLEIN
CONSTR. BY SHAW, INC.
HIST. 401-3007

STRUCTURE NO. 1604-H-5022
DES. BY JAMES R. KLEIN
CONSTR. BY SHAW, INC.
HIST. 401-3007

STRUCTURE NO. 1604-H-5023
DES. BY JAMES R. KLEIN
CONSTR. BY SHAW, INC.
HIST. 401-3007

STRUCTURE NO. 1604-H-5024
DES. BY JAMES R. KLEIN
CONSTR. BY SHAW, INC.
HIST. 401-3007

STRUCTURE NO. 1604-H-5025
DES. BY JAMES R. KLEIN
CONSTR. BY SHAW, INC.
HIST. 401-3007

STRUCTURE NO. 1604-H-5026
DES. BY JAMES R. KLEIN
CONSTR. BY SHAW, INC.
HIST. 401-3007

INDIANA	DEPARTMENT OF TRANSPORTATION	INDIANA SCALE	1" = 50'
PLAN SHEET LINE "A"	STA 1529+00 TO STA 1544+50	VERTICAL SCALE	N/A
Sec 2 - W176A		SHORT RUN	1" = 1'
		CONCRETE	1" = 1'
		BRIDGE	1" = 1'

1560

1565

1570

1575

Section 6.12M ROW
Washington Township
Franklin County, IN

JACKIE R. & MARIAN JACOBSEN
10000 N. 1000 E.
REC'D: 10/16/99

Section 6.12M ROW
Washington Township
Franklin County, IN

CRIVAN, LARRY, INC.
10000 N. 1000 E.
REC'D: 10/16/99

STRUCTURE NO. 15200
19' X 6' BOX CULVERT
15' HIGH
24" FIBER REINFORCED PIPE (FRP)
AN 3/5 GUTTER
AN 3/5 GUTTER

Wetland Impact #12
Sec2 - W178

Stream Impact #113
Sec2 - S167

Stream Impact #112
Sec2 - S410

CURVE DATA
P.I. STA. 650+00
P.O. STA. 650+00
TANGENT DIST. 100.00'
RADIUS 100.00'
R - RADIUS
L - LENGTH
E - BEARING
P - BEARING

JACKIE R. & MARIAN JACOBSEN
10000 N. 1000 E.
REC'D: 10/16/99

ARDEEN, ALAN, MARLA, & MARGARET O. MARK ROBERTS
10000 N. 1000 E.
REC'D: 10/16/99

Section 6.12M ROW
Washington Township
Franklin County, IN

INDIANA		DEPARTMENT OF TRANSPORTATION		PROJECT FILE	
RECOMMENDED FOR ADOPTION		DESIGN ENGINEER		REVIEWER	
DATE		DATE		DATE	
CHECKED		DRAWN		DESIGNED	
DATE		DATE		DATE	
CHECKED		DRAWN		DESIGNED	
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CHECKED		DRAWN		DESIGNED	
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