

CODE NO. 3220
DES. NO. 9135605

INDIANA DEPARTMENT OF TRANSPORTATION

TRAFFIC DATA	
A.A.D.T. 1996	4100 V.P.D.
A.A.D.T. 2016	4700 V.P.D.
D.H.V. 2016	376 V.P.H.
DIRECTIONAL DISTRIBUTION	60/40 %
TRUCKS	26 % D.H.V. 33 % A.A.D.T.
DESIGN DATA	
DESIGN SPEED	90 km/h
ACCESS CONTROL	NONE
FUNCTIONAL CLASSIFICATION	RURAL PRINCIPLE ARTERIAL
TERRAIN	LEVEL

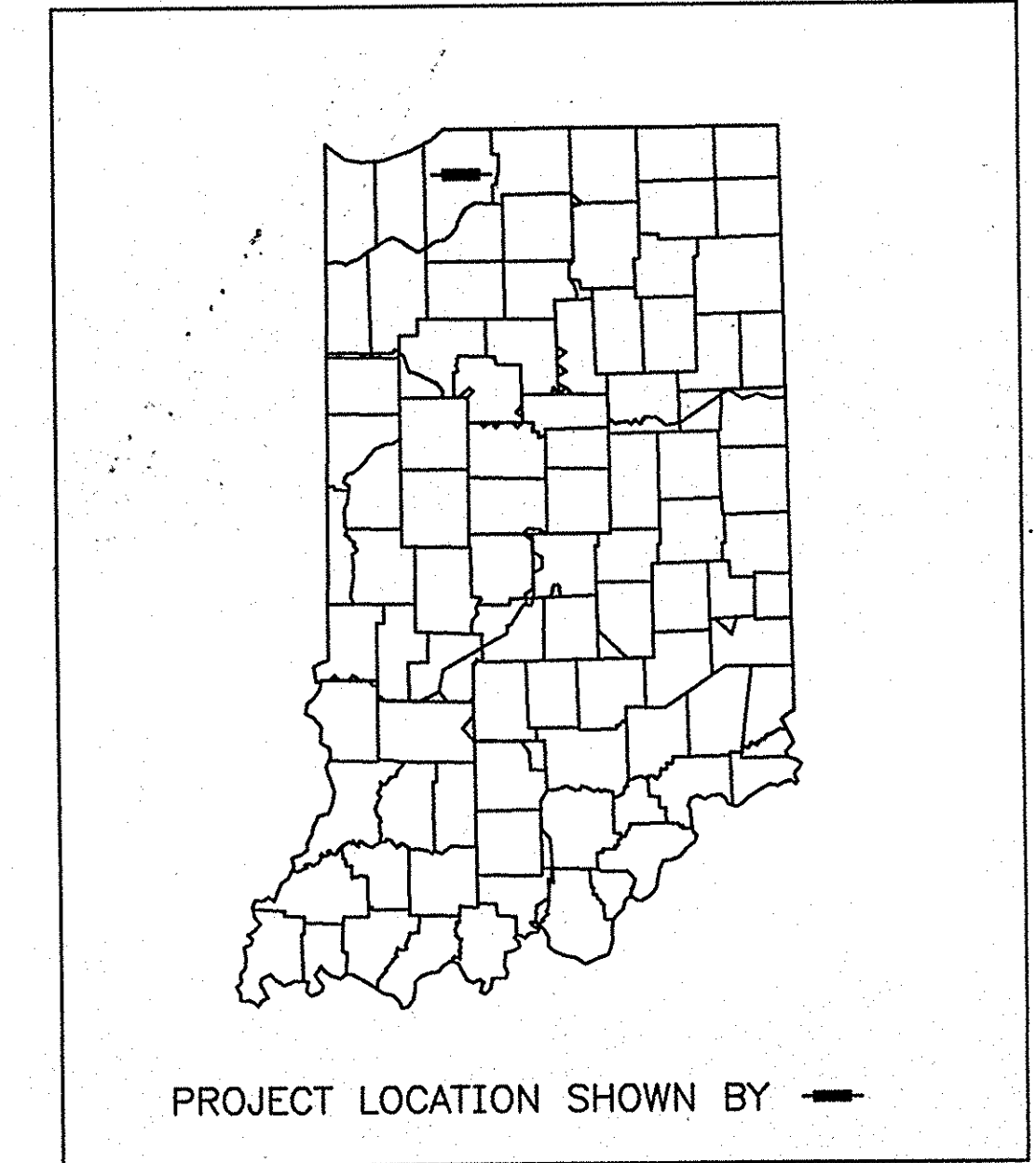
PROJECT	DESIGNATION
ST-212-4(B)	9135605
CONTRACT	BRIDGE FILE
	6-46-7773

INDEX				
STRUCTURE	TYPE	SPAN AND SKEW	OVER	STATION
6-46-7773	SIMPLE SPAN PRECAST PRESTRESSED I-BEAM	14m SKEW 10° RIGHT	MILL CREEK	10+240.000
SHEET NO.	SUBJECT			
1	TITLE & INDEX SHEET			
2	PARCEL LISTING FOR LAND ACQUISITION			
3	TYPICAL SECTION			
4	PLAT NO. 1			
5	ROAD PLAN & PROFILE			
6	LAYOUT			
7	BRIDGE SUMMARY			
	CROSS-SECTIONS (5 SHEETS TOTAL)			

RIGHT OF WAY PLANS

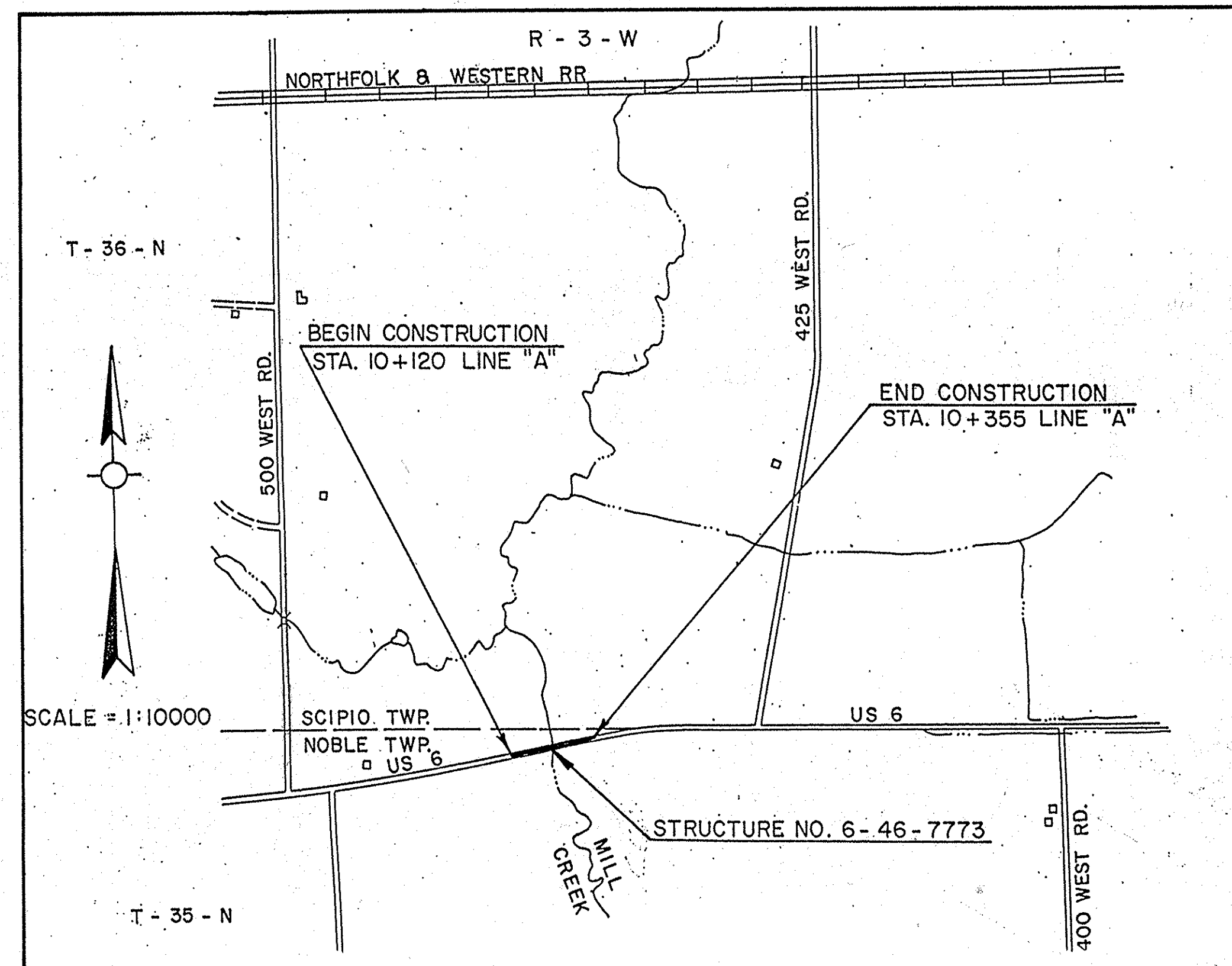
U.S. ROUTE 6 OVER MILL CREEK (R.P. 41+88)

~~STP-212-4(002) P.E.~~
PROJECT NO. ST-212-4(B) R.W.



REPLACEMENT OF EXISTING BRIDGE NO. 6-46-1359
APPROXIMATELY 4.3km WEST OF STATE ROAD
NO. 39; AT REFERENCE POINT 41+88 LOCATED IN SEC. 5, T-35-N, R-3-W
NOBLE TOWNSHIP IN LaPORTE COUNTY, INDIANA.

STANDARD DRAWING INDEX				
SHEET NO.	SHEET DESIGNATION	SUBJECT	FHWA APPROVAL	ADOPTED REVISION



BRIDGE LENGTH :	14m
ROADWAY LENGTH :	221m
TOTAL LENGTH :	235m
MAX. GRADE :	2.35 %

RECOMMENDED FOR APPROVAL: 1-13-95
DATE

James H. Pau
MANAGER, R/W ENGINEERING SECTION

APPROVED: 1-17-95
DATE

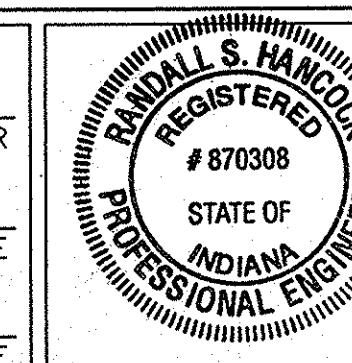
Jay D. Munk
CHIEF, DIVISION OF LAND ACQUISITION

[INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 1993
TO BE USED WITH THESE PLANS]

REVISIONS	
DATE	SHEET NO.

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

HAWORTH, MEYER, & BOLEYN, INC.
1410 CHARLESTOWN-NEW ALBANY PIKE
JEFFERSONVILLE, INDIANA 47130
(812)288-8961
PHONE NUMBER
PREPARED BY: SUITE 201
CERTIFIED BY: *R.R. Howard* 9-8-94
DATE
APPROVED FOR LETTING: _____
DATE
CHIEF, DIVISION OF DESIGN



BRIDGE FILE	6-46-7773
DESIGNATION	9135605
SHEETS	1 of 7
PROJECT	ST-212-4(B)

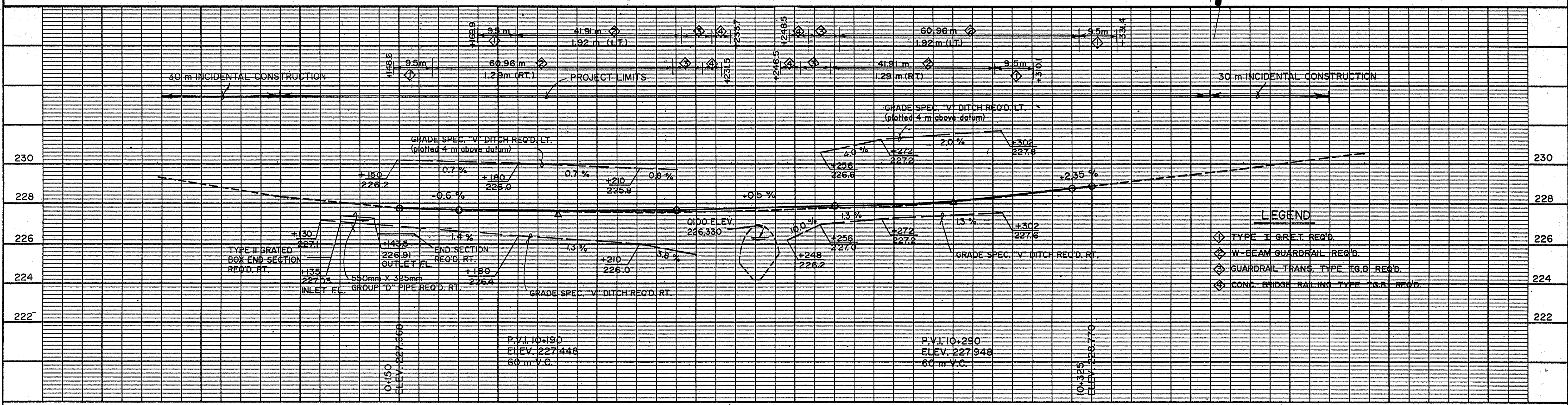
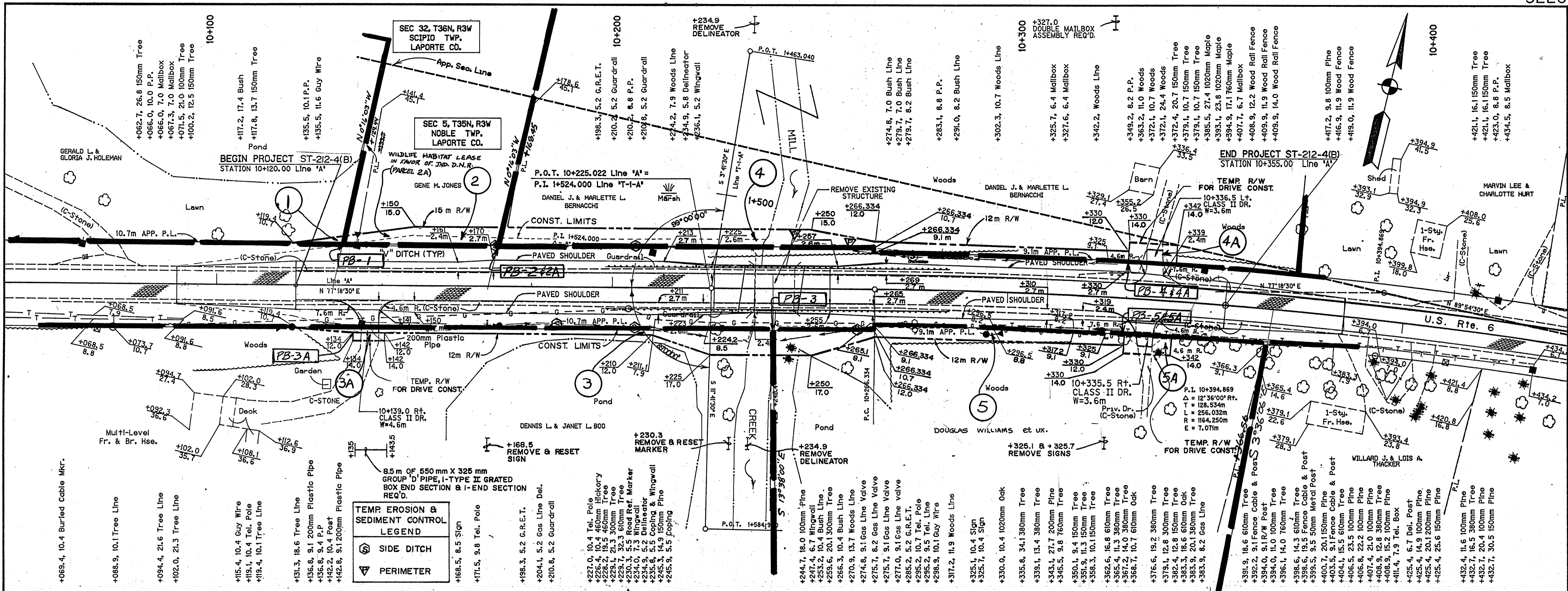
PARCEL LISTING FOR LAND ACQUISITION
 INDIANA DEPARTMENT OF TRANSPORTATION
 COUNTY LAPORTE PROJECT ST-212-4(B) DATE: 01/26/95
 ROAD US-6 GRANTOR L.A. CODE 03220

PARCEL NUMBER	GRANTOR	CENTER LINE	STATION FROM TO	PLAN SHEET	BRIDGE	TOTAL AREA	R/W EXISTING	NAT OF LAND/RIGHTS ACQUIRED	RESIDUE AREA	BLD
1	HOLEMAN, GERALD L. ET UX.	A		4+5		3.108AC	0.414AC	FS 0.003AC	AF 2.691AC	
2	JONES, GENE	A		4+5		31.640AC	0.232AC	FS 0.036AC	AF 31.372AC	
2 A		A		4+5				SP LEASEHOLD		
3	BOO, DENNIS L. ET UX.	A		4+5		UNKNOWN	UNKNOWN	FS 0.066AC	AF UNKNOWN	
3 A		A		4+5				TE 0.004AC		
4	BERNACCHI, DANIEL J. ET UX.	A		4+5		8.859AC	0.463AC	FS 0.141AC	AF 8.255AC	
4 A		A		4+5				TE 0.150AC		
5	WILLIAMS, DOUGLAS ET UX.	A		4+5		5.520AC	0.293AC	FS 0.075AC	AF 5.152AC	
5 A		A		4+5				TE 0.014AC		

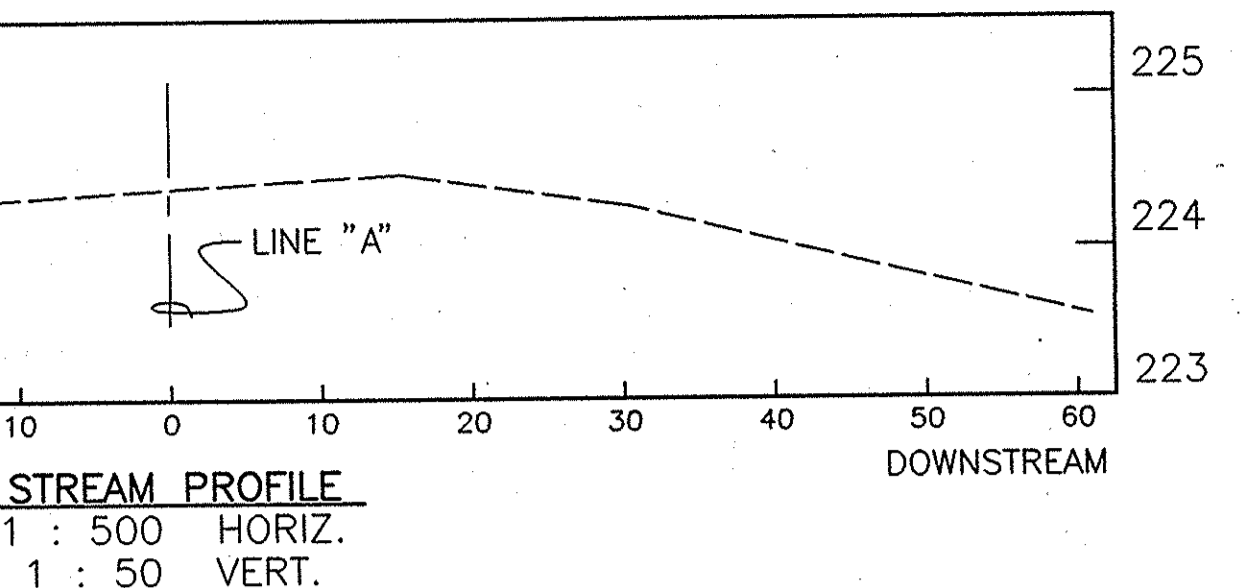
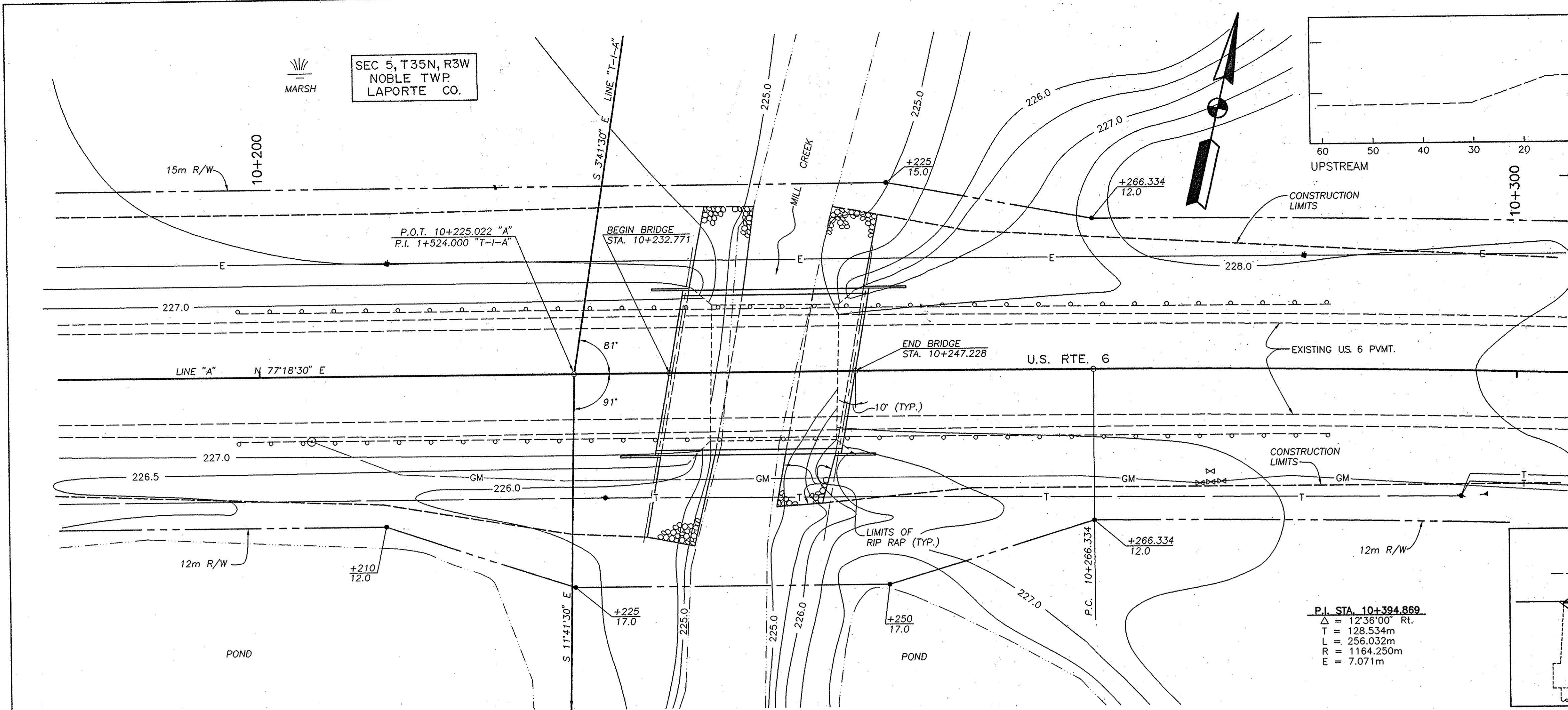
Y IN THE BRIDGE COLUMN INDICATES THE PARCEL IS PARTIALLY OR COMPLETELY WITHIN THE LIMITS OF A BRIDGE PROJECT.
 Y IN THE BLD COLUMN INDICATES A BUILDING TO BE REMOVED IS PARTIALLY OR COMPLETELY WITHIN THE R/W REQUIRED.
 SP = SPECIAL INSTRUMENT FOR CLEARING SPECIAL INTERESTS (QC DEED, SPECIAL R/W GRANT, RELEASE OF LEASEHOLD, ETC.)
 FS = FEE SIMPLE TITLE
 TE = TEMPORARY R/W

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-212-4(B)		2	7

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5	IND.	ST-212-4(B)		2	7



<p>PWD Bottle Cap PK Nail Set</p>	<p>1st L Post on Bridge 2nd Post on Bridge</p>	<p>H Post and Nul Cor. PWD Bottle Cap</p>	<p>150mm Tree PK Nail Set</p>	<p>RANDALL S. HANCOCK REGISTERED PROFESSIONAL ENGINEER #870308 STATE OF INDIANA</p>	<p>RECOMMENDED FOR APPROVAL: <i>R.S. Hancock</i> 9-8-74 DESIGN ENGINEER DATE</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p>	<p>HORIZONTAL SCALE: 1:500 VERTICAL SCALE: 1:100</p>	<p>BRIDGE FILE: 6-46-7773 DESIGNATION: 9135605</p>
<p>P.T. STA. 9+995.889 "A"</p>	<p>P.O.T. STA. 10+225.022 "A" P.I. STA. 1+524.000 "T-I-A"</p>	<p>P.C. STA. 10+266.334 "A"</p>	<p>P.I. STA. 10+394.869 "A"</p>	<p>DESIGNED: JFG DRAWN: JMT CHECKED: RSH</p>	<p>DATE: 9-8-74</p>	<p>ROAD PLAN AND PROFILE</p>	<p>SURVEY BOOK: BR-3251 CONTRACT: 5</p>	<p>SHEETS: 5 of 7 PROJECT: ST-212-4(B)</p>

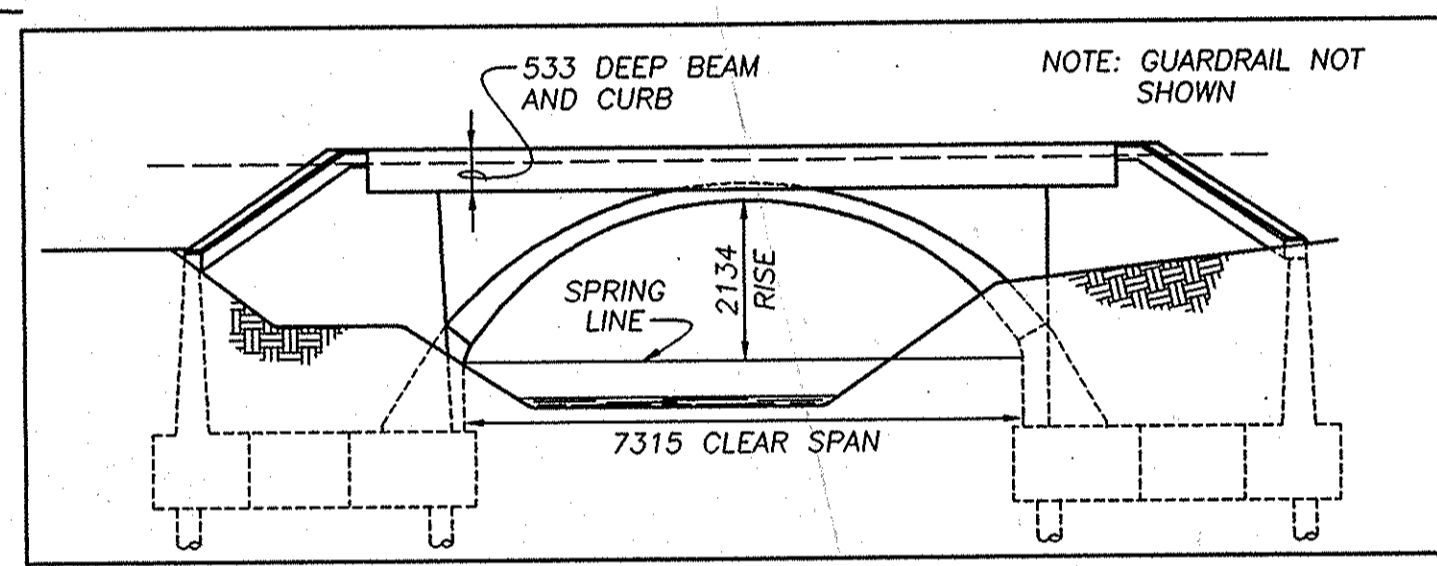


HYDRAULIC DATA
MILL CREEK

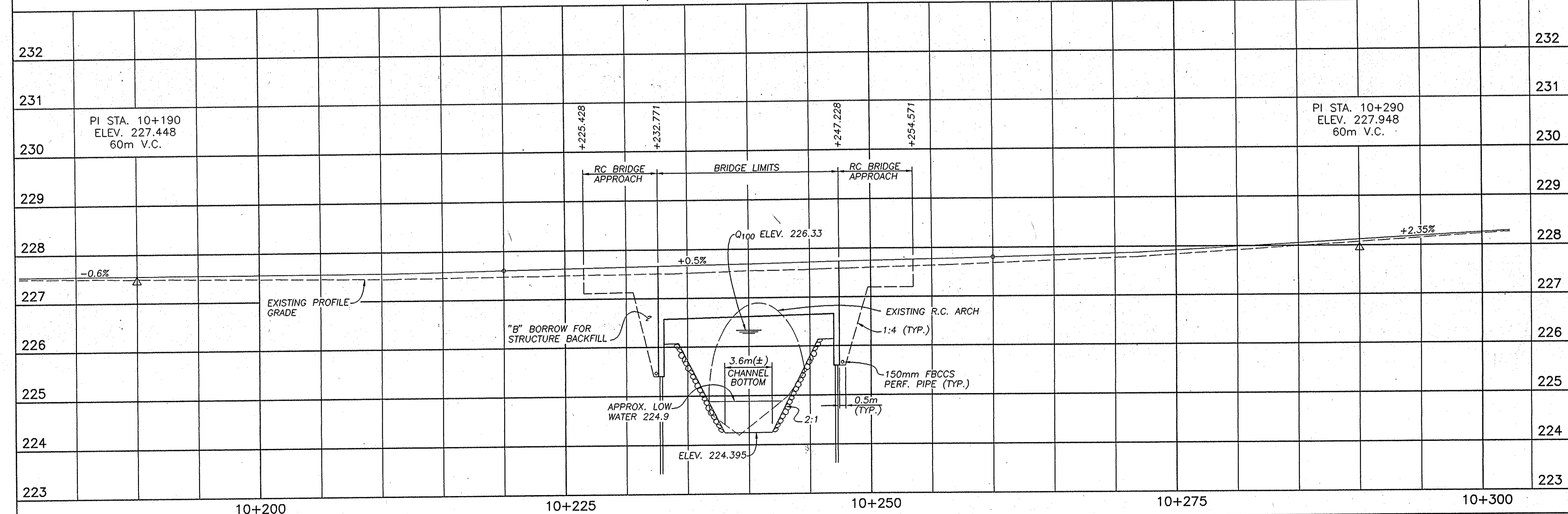
DRAINAGE AREA	32.38 km ²
Q ₁₀₀	22.09 cms
ELEV. @ Q ₁₀₀ (MILL CREEK HEADWATER)	226.33 m

** THE FOLLOWING PARAMETERS ARE BASED ON HEADWATER DESIGN**

BACKWATER VELOCITY @ Q ₁₀₀	0.07 m
CROSS WATERWAY OPENING REQ'D BELOW Q ₁₀₀ ELEVATION (STR.)	1.48 m
WATERWAY OPENING (OVER RD.)	15.0 m ²
MINIMUM LOW STRUCTURE ELEV.	0 m
SKEW	226.50
EXISTING WATERWAY OPENING BELOW Q ₁₀₀	10'
EXISTING WATERWAY OPENING (OVER RD.)	9.73 m ²
EXISTING LOW STRUCTURE	0 m ²
EXISTING BACKWATER	227.9
	0.11 m



SITUATION PLAN
(SCALE 1:200, CONTOUR INTERVAL 0.5m)



R.C. ARCH (EARTH FILLED); WIDENED WITH 1219mm WIDE BOX BEAM ON EACH SIDE.

UTILITY OWNERS

GAS/POWER : NORTHERN INDIANA PUBLIC SERVICE CO.
5265 HOHMAN AVENUE
HAMMOND, IN 46320-1775
1-800-422-6199
1-219-325-4216
Tom Miltonberger

TELEPHONE : GENERAL TELEPHONE COMPANY
515 MADISON
LOPORTE, IN 46350
1-800-382-5544

CABLE TV : MULTIMEDIA CABLE TV
2000 OHIO STREET
LOPORTE, IN 46350
1-219-324-6943

STRUCTURE DATA

PRESTRESSED CONCRETE I-BEAM
1 SPAN @ 14m; SKEW 10' RT.; 12.4m CLEAR ROADWAY
US ROUTE 6 OVER MILL CREEK
DRAWING S1 OF _____

PROFILE ON PROPOSED ROADWAY
(SCALE: 1:200 HORIZ; 1:50 VERT.)



RECOMMENDED FOR APPROVAL *Bryan J. Stoppa* 9-8-94
DESIGN ENGINEER DATE

DESIGNED: _____ DRAWN: _____
CHECKED: _____ CHECKED: _____

INDIANA DEPARTMENT OF TRANSPORTATION

LAYOUT

HORIZONTAL SCALE	BRIDGE FILE
1 : 200	6-46-7773
VERTICAL SCALE	DESIGNATION
1 : 50	9135605
SURVEY BOOK	SHEETS
BR-3251	6 of 7
CONTRACT	PROJECT
	ST-212-4(B)

