CONTRACT NO.	STRUCTURE NO.
DES. NO.	PROJECT NO.
8458160	ST-068-7(B)

R/W INDEX

STRUCTURE	TYPE	SPAN AND SKEW	OVER	STATION
	BRIDGE REMOVAL & SAFETY IMPROVEMENT		FLATROCK RIVER OVERFLOW	1036+49 "A"

SHEET NO.	SUBJECT
1	INDEX AND TITLE SHEET
2	PLAT NO. 1
3	TYPICAL CROSS SECTIONS
4-5	ROAD PLAN AND PROFILE
6	SUMMARY

INDIANA DEPARTMENT OF TRANSPORTATION

CODE: 3731

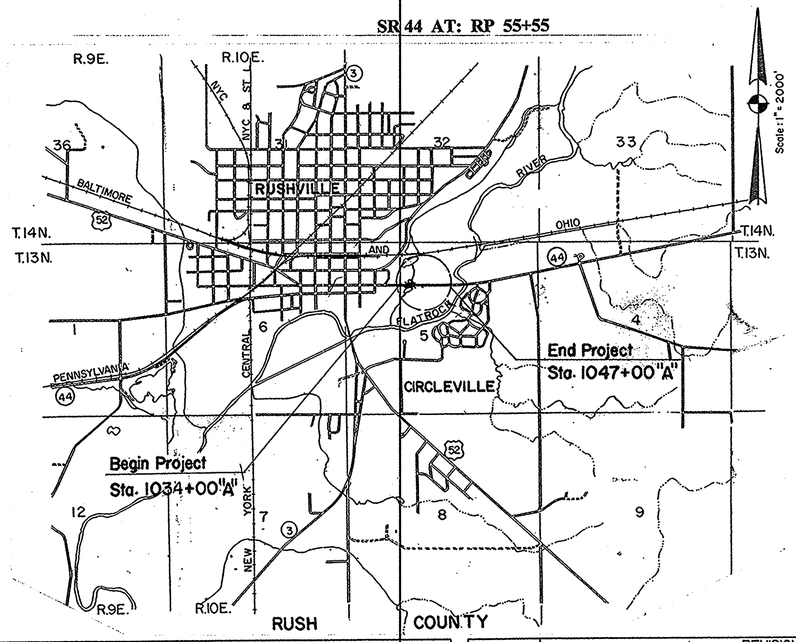
DES NO. 8458160

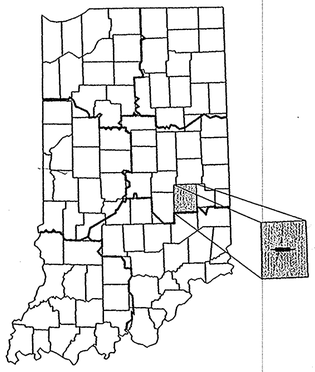
RIGHT-OF-WAY PLANS

PROJECT NO. ~~F-068-7(2) P.E.~~
ST-068-7(B) R/W
~~BRF-068-7(2) CONST.~~

Beginning at a point in the center of S.R. 44 approximately 1,610 feet East of where said S.R. 44 meets the west line of Section 5, Township 13 North, Range 10 East, and running thence Easterly 1300 feet along said S.R. 44 to the terminus, all in said Section 5, Township 13 North, Range 10 East, Rushville Township, Rush County, Indiana.

SR 44 AT: RP 55+55





PROJECT LOCATION SHOWN BY

TRAFFIC DATA		
A.A.D.T.	(2000)	6370 V.P.D.
A.A.D.T.	(2020)	8970 V.P.D.
D.H.V.	(2020)	807 V.P.H.
DIRECTIONAL DISTRIBUTION		%
TRUCKS		5 % D.H.V.
		8 % A.A.D.T.
DESIGN DATA		
DESIGN SPEED		45 M.P.H.
ACCESS CONTROL		NONE
FUNCTIONAL CLASSIFICATION		URBAN PRINCIPAL ARTERIAL
TERRAIN		LEVEL
DESIGN CRITERIA		3R (NON-FREEWAY)

PROJECT LENGTH =	0.246 MILES
MAX GRADE =	N/A

APPROVED: 9-18-98
DATE

Jay D. Marks
CHIEF, DIVISION OF LAND ACQUISITION

RECOMMENDED FOR APPROVAL: 9-18-98
DATE

Richard F. Lewis
MANAGER, R/W ENGINEERING SECTION

CONTRACT NO.	STRUCTURE NO.

DES. NO.	PROJECT NO.	YEAR	SHEET	TOTAL
8458160	ST-068-7(B)		1	

REVISIONS

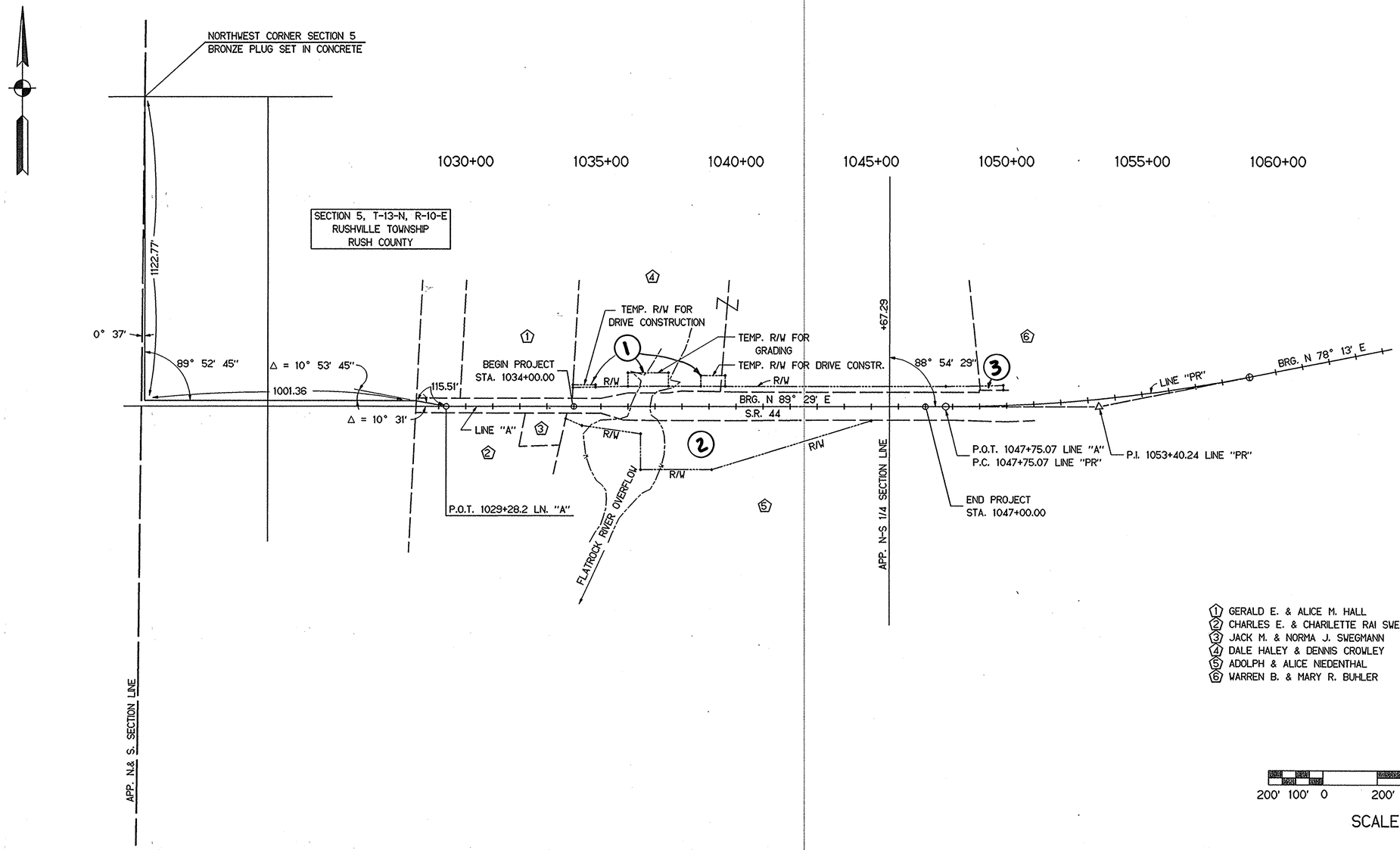
DATE	SHEET NO.	DESCRIPTION

REVISIONS

DATE	SHEET NO.	DESCRIPTION

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 1995
TO BE USED WITH THESE PLANS

CODE:3731



DRAWN BY: HARONEY 17MAR98 C'K'D BY: HARONEY 17MAR98

INDIANA DEPARTMENT OF TRANSPORTATION
PLAT NO. 1

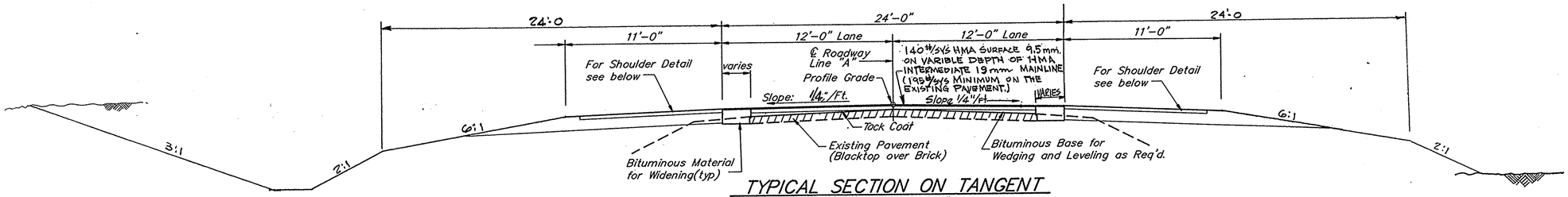
SCALE: AS NOTED

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

CONTRACT NO.	STRUCTURE NO.			
DES. NO.	PROJECT NO.	YEAR	SHEET	TOTAL
8458160	ST-068-7(B)		2	

FEDERAL ROAD DIVISION NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-068 7(8)	1994	3	



TYPICAL CUT

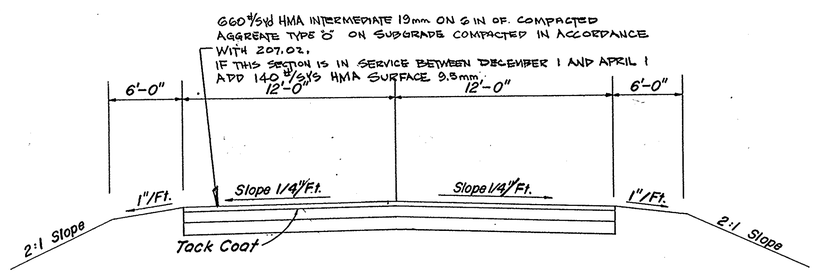
TYPICAL SECTION ON TANGENT

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

STA. 1034+00.00 to STA. 1035+90.00
STA. 1037+07.00 to STA 1047+00.00

TYPICAL FILL

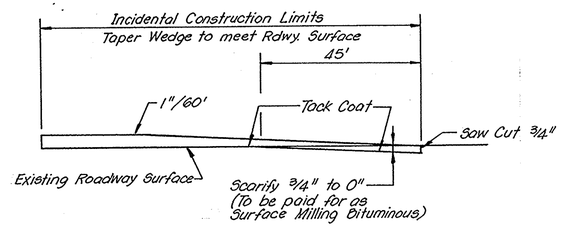
All Slopes 3:1 or Greater Require Mulched Seed "CV".



TYPICAL SECTION FOR TEMPORARY RUNAROUND

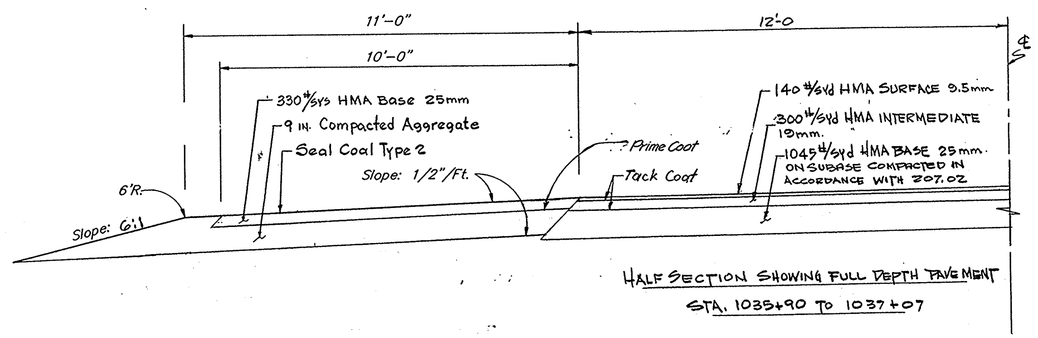
Scale: 1/4"=1'-0'

SEE ROAD STANDARD SHEET 1 D DETOURS FOR TEMP. RUNAROUND DETAILS.



DETAIL – MATCHING EXISTING PAVEMENT

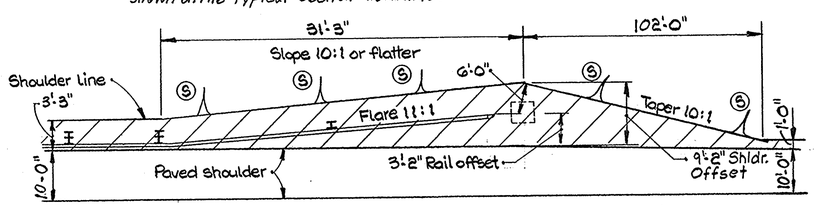
(REQ'D. EACH END OF PROJECT)



HALF SECTION SHOWING FULL DEPTH PAVEMENT

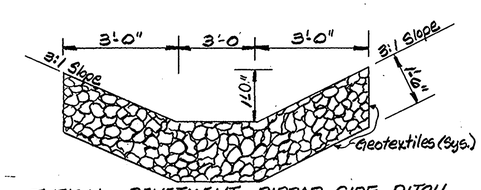
STA. 1035+90 TO 1037+07

Ⓢ Sideslopes to be 3:1 Max, with the sideslopes shown on the Typical Section desirable.



FLARED G.R.E.T. DETAIL

Not to Scale



TYPICAL REVETMENT RIPRAP SIDE DITCH (R.R.S.D.)

Not to Scale

Note: RRSD to be paid for as Revetment Riprap (Tons) & Geotextiles (SYS).

INDIANA DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

SCALE: – As Shown

SCALE:-
DATE:- 2/19/93

SUBMITTED FOR APPROVAL :

SHEET 3 OF

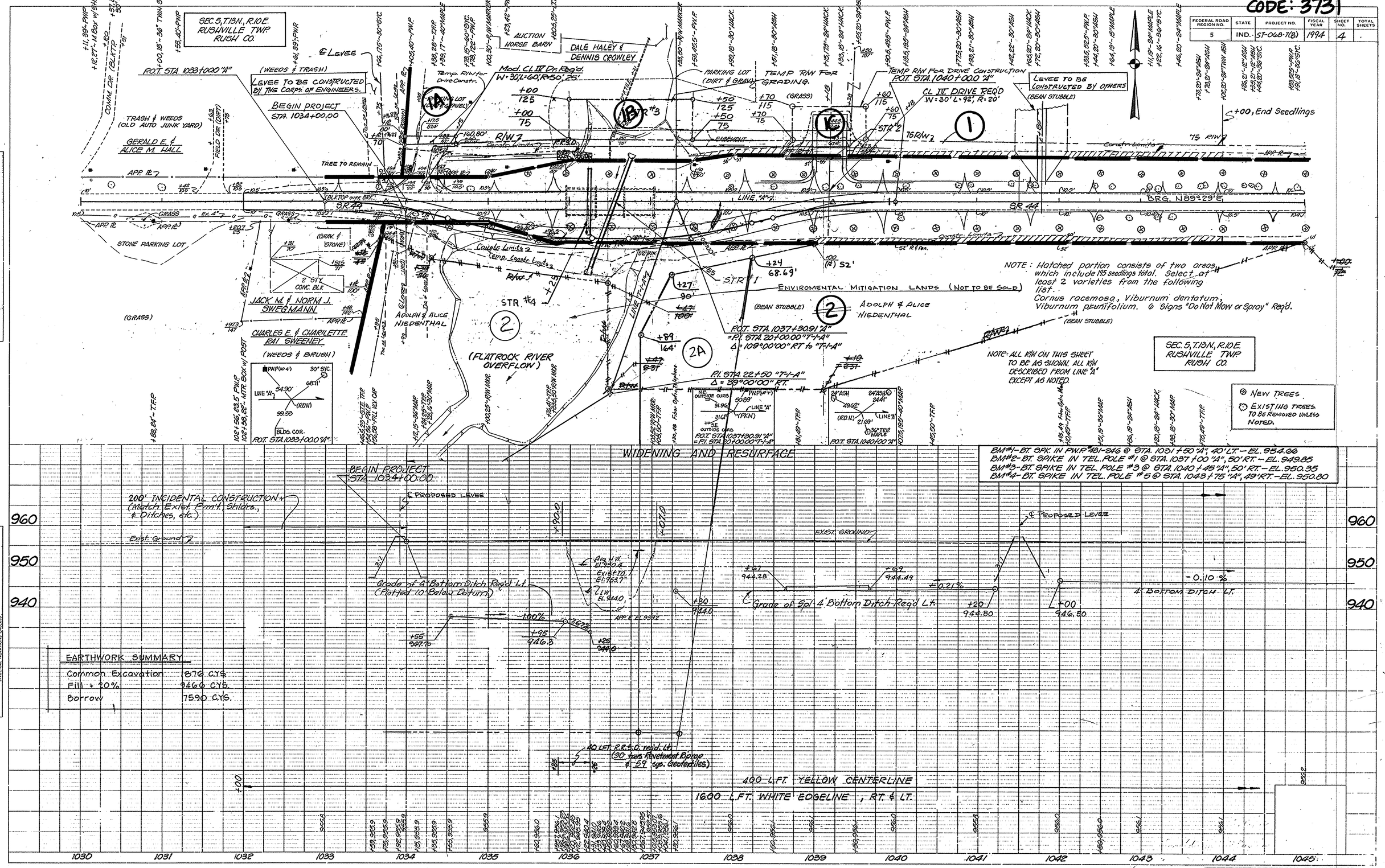
SF-22397

TP110

ADD 6" PIPE PVC
09-01-98 M.HUGGLER

CODE: 3731

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-068-7(8)	1994	4	



EARTHWORK SUMMARY

Common Excavation	1876 C.Y.S.
Fill + 20%	9466 C.Y.S.
Borrow	7590 C.Y.S.

PLAN — SURVEYED / PLOTTED / NOTE BOOK / ALIGNMENT CHECKED / R.I. OF WAY CHECKED / No. — DATE 3/87

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / B.M.'s NOTED / STRUCTURE NOTATIONS CHECKED / NOTE BOOK / No. — DATE 87

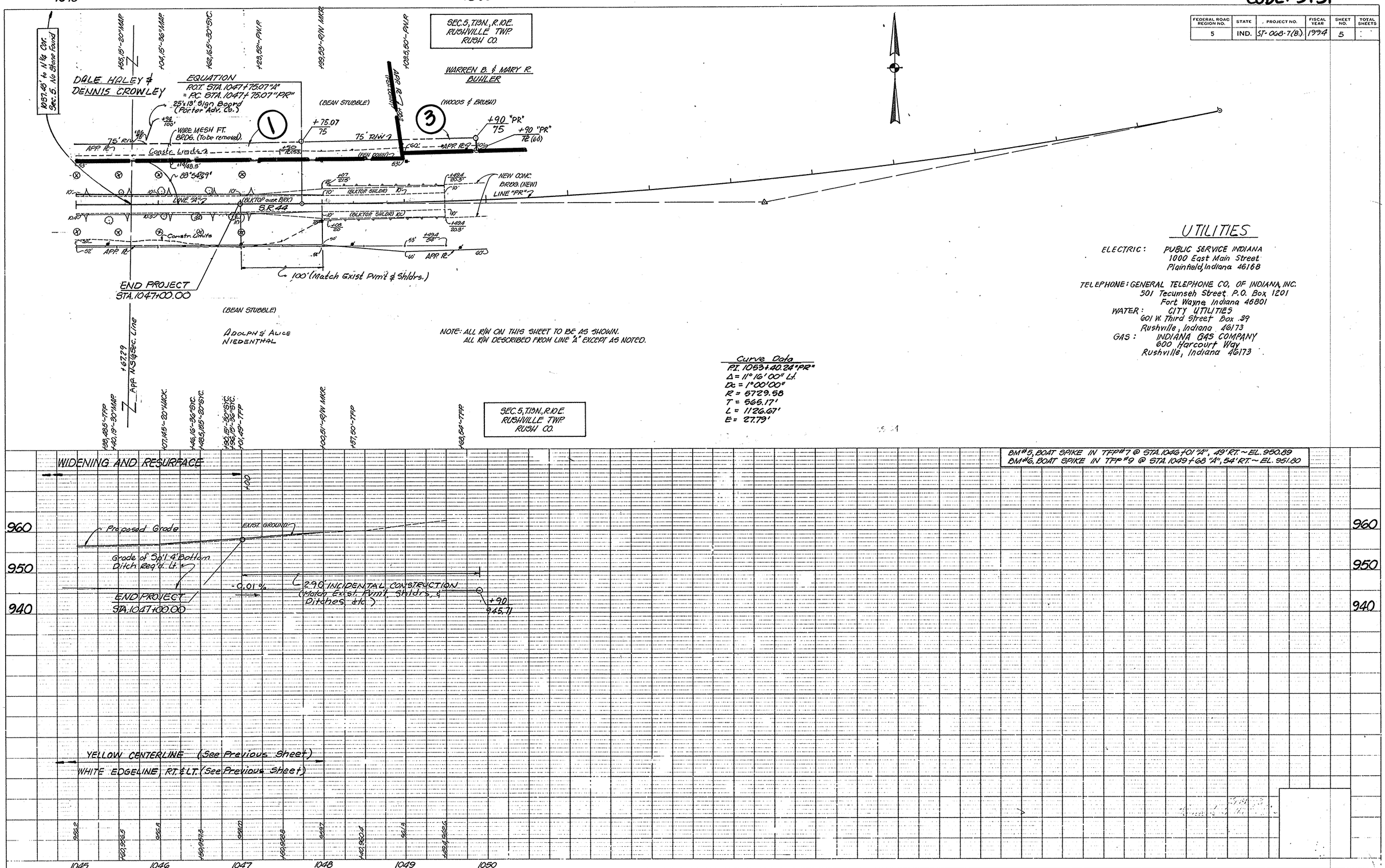
PLATE 1 - PLAN - PROFILE B. R. R. STANDARD
1975

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-068-7(8)	"A"	4		

TP114

CODE: 3731

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-068-7(8)	1994	5	



UTILITIES

ELECTRIC: PUBLIC SERVICE INDIANA
1000 East Main Street
Plainfield, Indiana 46168

TELEPHONE: GENERAL TELEPHONE CO. OF INDIANA, INC.
501 Tecumseh Street, P.O. Box 1201
Fort Wayne, Indiana 46801

WATER: CITY UTILITIES
601 W. Third Street Box 39
Rushville, Indiana 46173

GAS: INDIANA GAS COMPANY
600 Harcourt Way
Rushville, Indiana 46173

BM#5, BOAT SPIKE IN TFP#7 @ STA. 1046+01 "A", 49' RT. ~ EL. 950.89
BM#6, BOAT SPIKE IN TFP#9 @ STA. 1049+68 "A", 54' RT. ~ EL. 951.80

PLAN — NOTE BOOK No. — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED — BY — DATE 3/87

PROFILE — NOTE BOOK No. — SURVEYED / PLOTTED / GRADES CHECKED / B. M.'s NOTED / STRUCTURE NOTATIONS CHECKED — BY — DATE 3/87

PLATE 1 - PLAN - PROFILE B. R. R. STANDARD
1975

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-068-7(8)	"A"	5		

TP114

PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	RADII	DISTANCE BEYOND R/W LINE	SURFACE BEYOND R/W LINE: COMPACTED AGGREGATE BASE	SURFACE BEYOND R/W LINE: HMA	SURFACE BEYOND R/W LINE: CONCRETE	GRADE 1	GRADE 2	EXCAVATION: CUT	EXCAVATION: FILL	CLEAR ZONE AT DRIVE	HMA FOR APPROACHES (LBS. PER SYD.) 440	HMA FOR APPROACHES			HMA MATERIALS: SURFACE 9.5 mm, M-LINE (LBS. PER SYD.)		HMA MATERIALS: INTERMD 19.0 mm, M-LINE		HMA MATERIALS: BASE 25.0 mm, M-LINE			HMA BASE 25 mm, M-LINE	SEAL COAT TYPE 2	SEAL COAT TYPE 5	ASPHALT MATERIAL FOR: PRIME COAT	ASPHALT MATERIAL FOR: TACK COAT	COMPACTED AGGREGATE FOR BASE NO. 53 (DEPTH)				COMPACTED AGGREGATE FOR SURFACE NO. 73 (DEPTH)							REMARKS
		FEET	FEET	FEET	FEET	SYS	SYS	SYS	%	%	CYS	CYS	FT	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	TONS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS						
1034+15 LT.	MOD CL.IV DRIVE	30	60	50,25	10				10					✓																												DESIGNED PER ROAD STD MH1
1039+18 LT.	CL IV DRIVE	30	92	20	29				10					✓																												DESIGNED PER ROAD STD MH2
1033+92 RT.																																										DRIVE CONFLICTS WITH PROPOSED LEVEE

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION: STATION	LOCATION: LEFT	LOCATION: RIGHT	LOCATION: CROSS	SIZE (INCHES)	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH (LFT)	SKEW	FLOW LINE: COVER (FT)	FLOW LINE: UP STREAM (ELEV.)	FLOW LINE: DOWN STREAM (ELEV.)	SERVICE LIFE (YR.)	SITE DESIGNATION	pH	BACKFILL METHOD	"B" BORROW FOR STR. BACKFILL (CYS)	REVETMENT RIPRAP (TONS)	CONCRETE, CLASS A, FOR STR. PIPE END SECTION (CYS)	GRATED BOX END SECTION: EA.	GRATED BOX END SECTION: TYPE	GRATED BOX END SECTION: SLOPE	SAFETY METAL END SECTION: EA.	SAFETY METAL END SECTION: TYPE	SAFETY METAL END SECTION: SLOPE	CONNECT TO STR.	REMARKS
1	1036+55			X	36			130	20																		
2	1039+18	X			15			105	0																		
3	1036+50	X			10			20																			ATTACH TO EXIST. 10" FIELD TILE
4	1036+25			X	6			80																			6" PVC EMERGENCY DRAIN

UNDERDRAIN TABLE

LONGITUDINAL DRAINS: STATION LT	STATION RT	STATION	4" TYPE 4 PIPE (FEET)	6" TYPE 4 PIPE (FEET)	8" TYPE 4 PIPE (FEET)	AGG. FOR UNDERDRNS (CYS)	GEOTX. FOR UNDERDRNS (SYS)	OUTLET: AT STATION	45° ELLS (EA.)	WYE (EA.)	4" PVC PIPE (FEET)	6" PVC PIPE (FEET)	8" PVC PIPE (FEET)	B-BORROW FOR STR. BACKFILL (CYS)	OUTLET PROTECTOR, TYPE A (EACH)	OUTLET PROTECTOR, TYPE B (EACH)	DELINEAT POST (EACH)	CONNECT TO STR. No.	REMARKS
		TOTALS																	

PAVED SIDE DITCH AND SODDING SUMMARY TABLE

LOCATION: FROM STATION	LOCATION: TO STATION	LEFT	MEDIAN	RIGHT	PAVED SIDE DITCH: ACTUAL LENGTH (LFT)	CUT OFF WALLS (8' EQUIVALENT LENGTH EACH) (EACH)	LUGS (8' EQUIVALENT LENGTH EACH) (EACH)	TOTAL EQUIVALENT PAY LENGTHS TYPE (LFT)					RIPRAP DITCH: REVETMENT RIPRAP (TONS)	UNIFORM RIPRAP (TONS)	GEOTEXTILES (SYS)	SODDING: FOR PAVED SIDE DITCHES (SYS)	FOR DITCHES (SYS)	FOR MEDIAN (SYS)	FOR SHOULDER BREAK (SYS)	SODDING AT BRIDGE CONE (SYS)	TOTAL SODDING (SYS)	NURSERY SODDING FOR LAWNS (SYS)
1035+35	1036+25	X											30		59						
TOTALS													30		59						

REVISIONS

DATE	ITEM

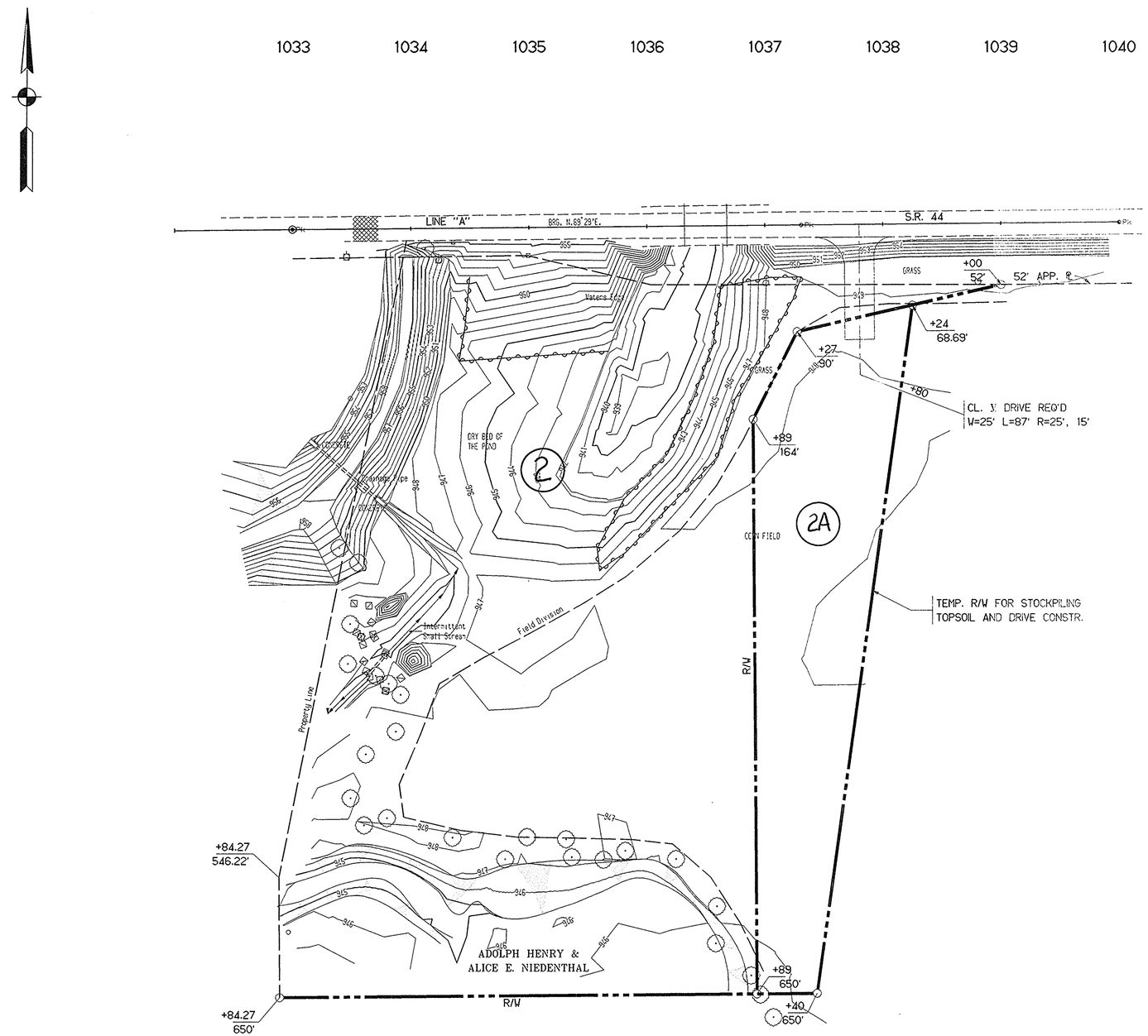
INDIANA DEPARTMENT OF TRANSPORTATION
ROAD SUMMARY OF QUANTITIES

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

CONTRACT NO.	STRUCTURE NO.

DES. NO.	PROJECT NO.	YEAR	SHEET	TOTAL
8458160	ST-068-7(B)		6	



SEC. 5, T-13-N, R-10-E
RUSH CO., RUSHVILLE TWP.

DRAWN BY: JROBERTS 24MAY00

WETLAND MITIGATION DETAIL

INDIANA DEPARTMENT OF TRANSPORTATION

SCALE: 1"=50'

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER DATE

CONTRACT NO.	STRUCTURE NO.		
DES. NO.	PROJECT NO.	YEAR	SHEET / TOTAL
8458160	ST-068-7(B)		6A