

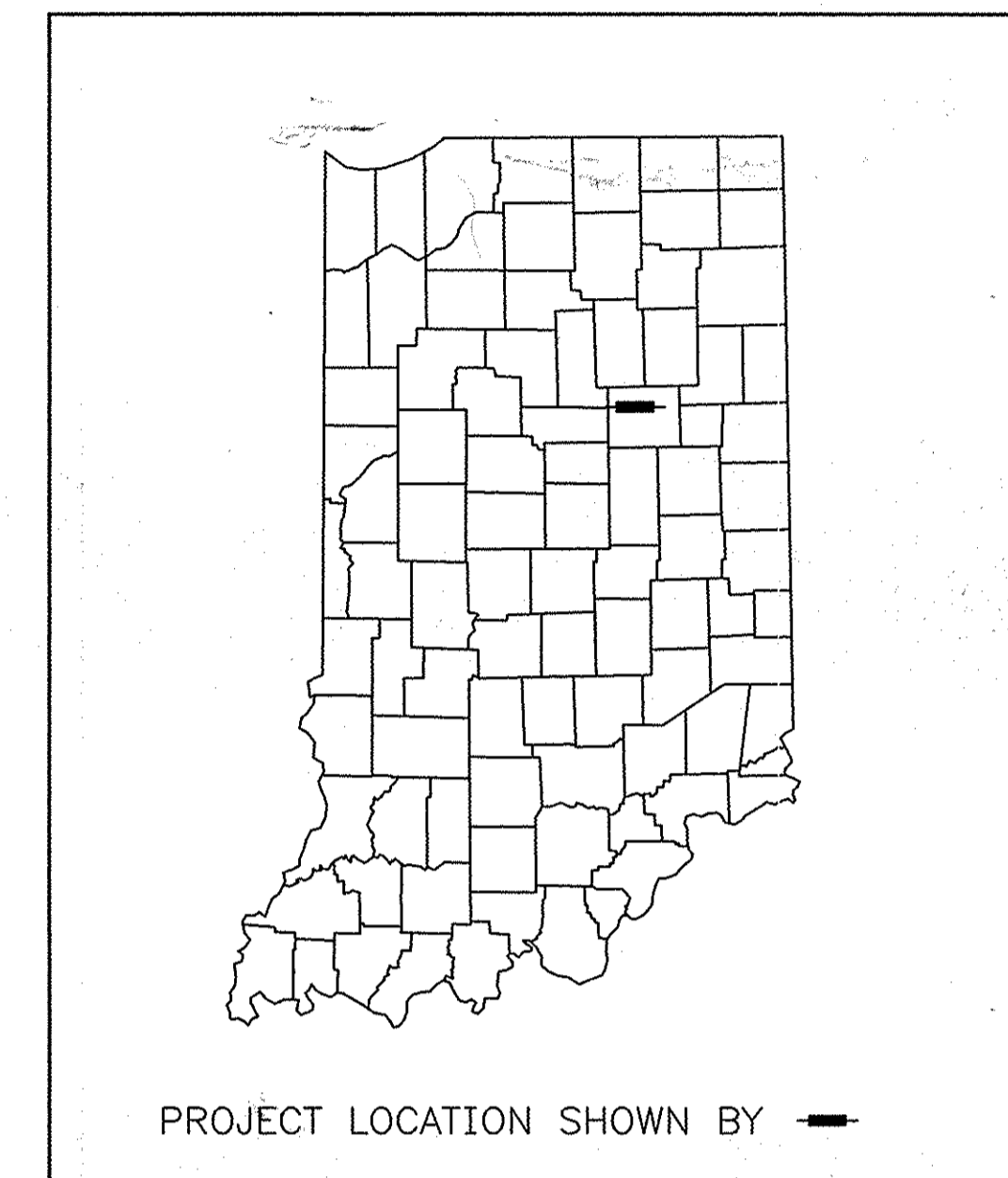
PROJECT	DESIGNATION
STP-132-3(013)	8463390
CONTRACT NO.	946339A
R-23256	

INDIANA DEPARTMENT OF TRANSPORTATION

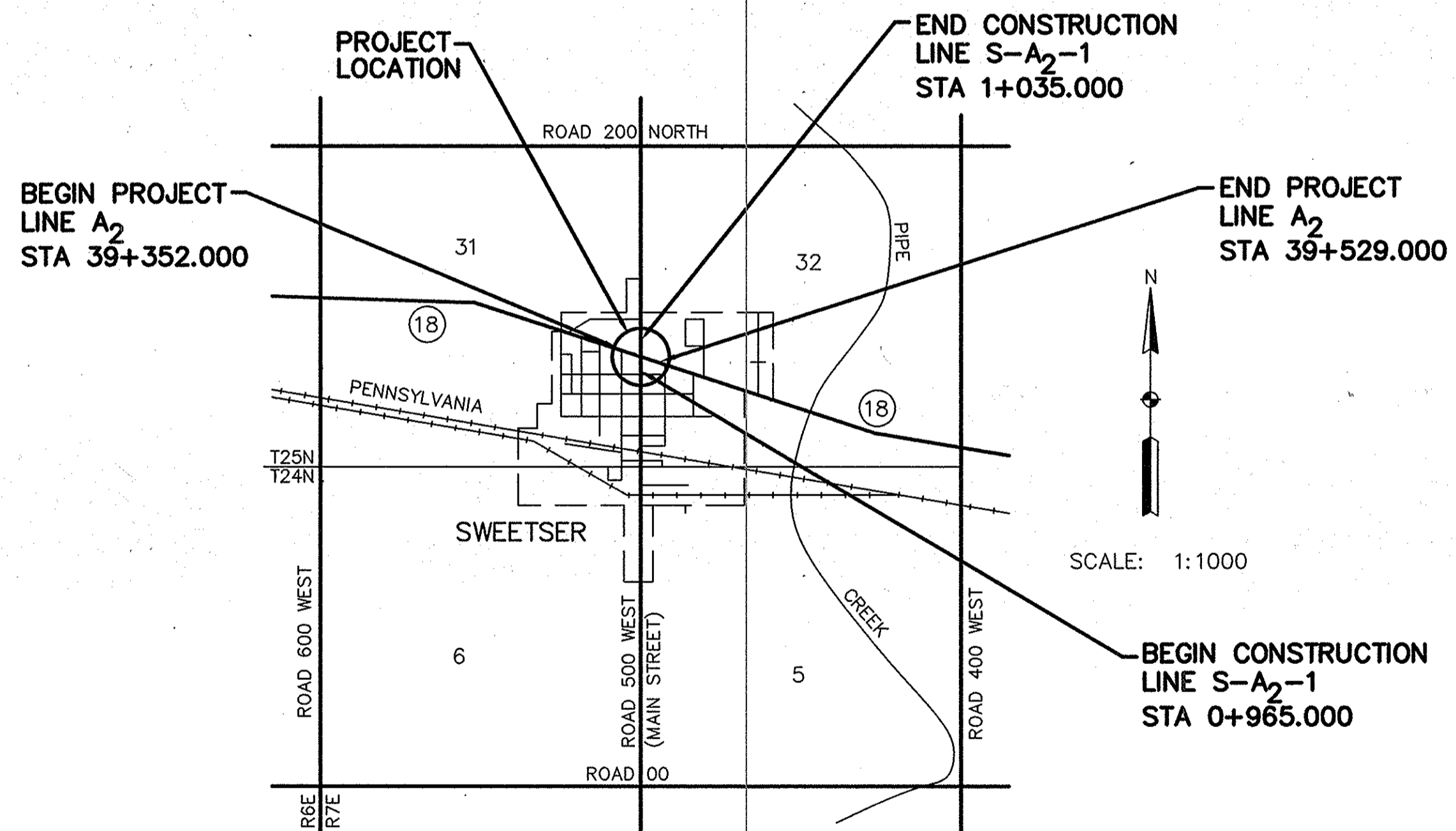
ROAD PLANS

PROJECT NO. STP-132-3(013) P.E.
PROJECT NO. ST-132-3(H) R/W
PROJECT NO. STP-132-3(013) CONST.
STP-132-3(014)
SR 18, AT RP 097+094
INTERSECTION IMPROVEMENTS

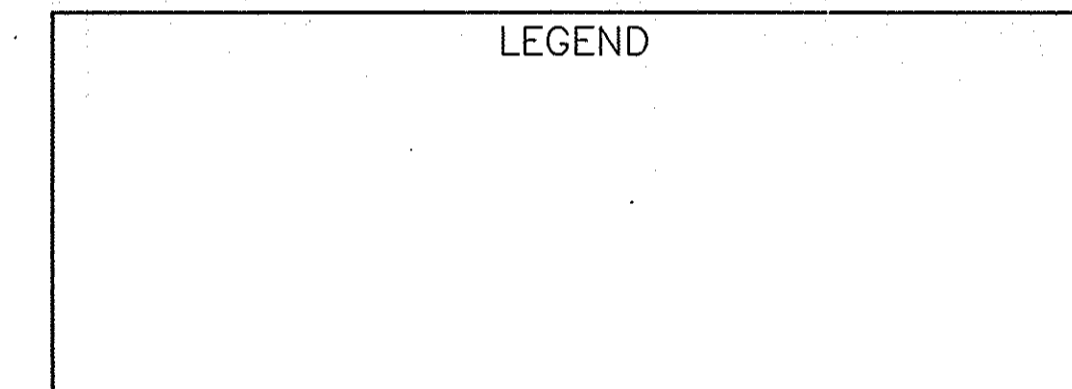
TRAFFIC DATA		
A.A.D.T. (1991)	3732	V.P.D.
A.A.D.T. (2006)	4000	V.P.D.
D.H.V.	360	V.P.H.
DIRECTIONAL DISTRIBUTION		%
TRUCKS	7	% D.H.V.
	6	% A.A.D.T.
E.S.A.L.	850,000	
DESIGN DATA		
DESIGN SPEED	64	K.P.H.
ACCESS CONTROL	NONE, BY PERMIT ONLY	
FUNCTIONAL CLASSIFICATION	RURAL MINOR ARTERIAL	
TERRAIN	LEVEL	



R-23256



PLEASANT TOWNSHIP
GRANT COUNTY



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

REVISIONS	
DATE	SHEET NO.

FEDERAL HIGHWAY ADMINISTRATION
U.S. DEPT. OF TRANSPORTATION

APPROVED: _____ DATE _____

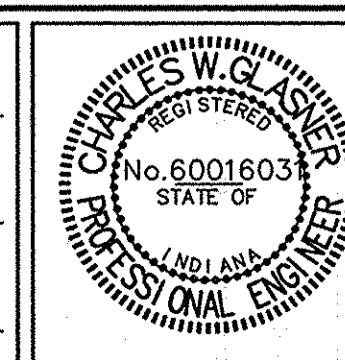
DIVISION ADMINISTRATOR

PLANS PREPARED BY: **GOVE ASSOCIATES INC.** 317-843-0022

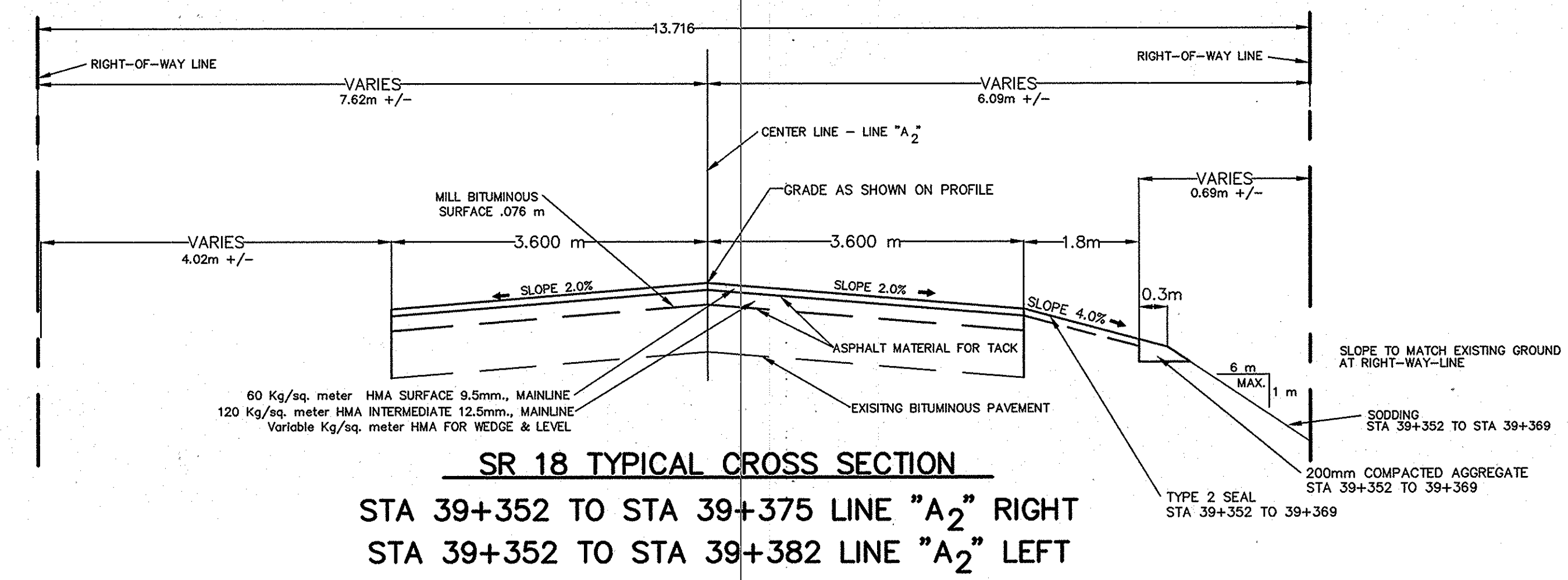
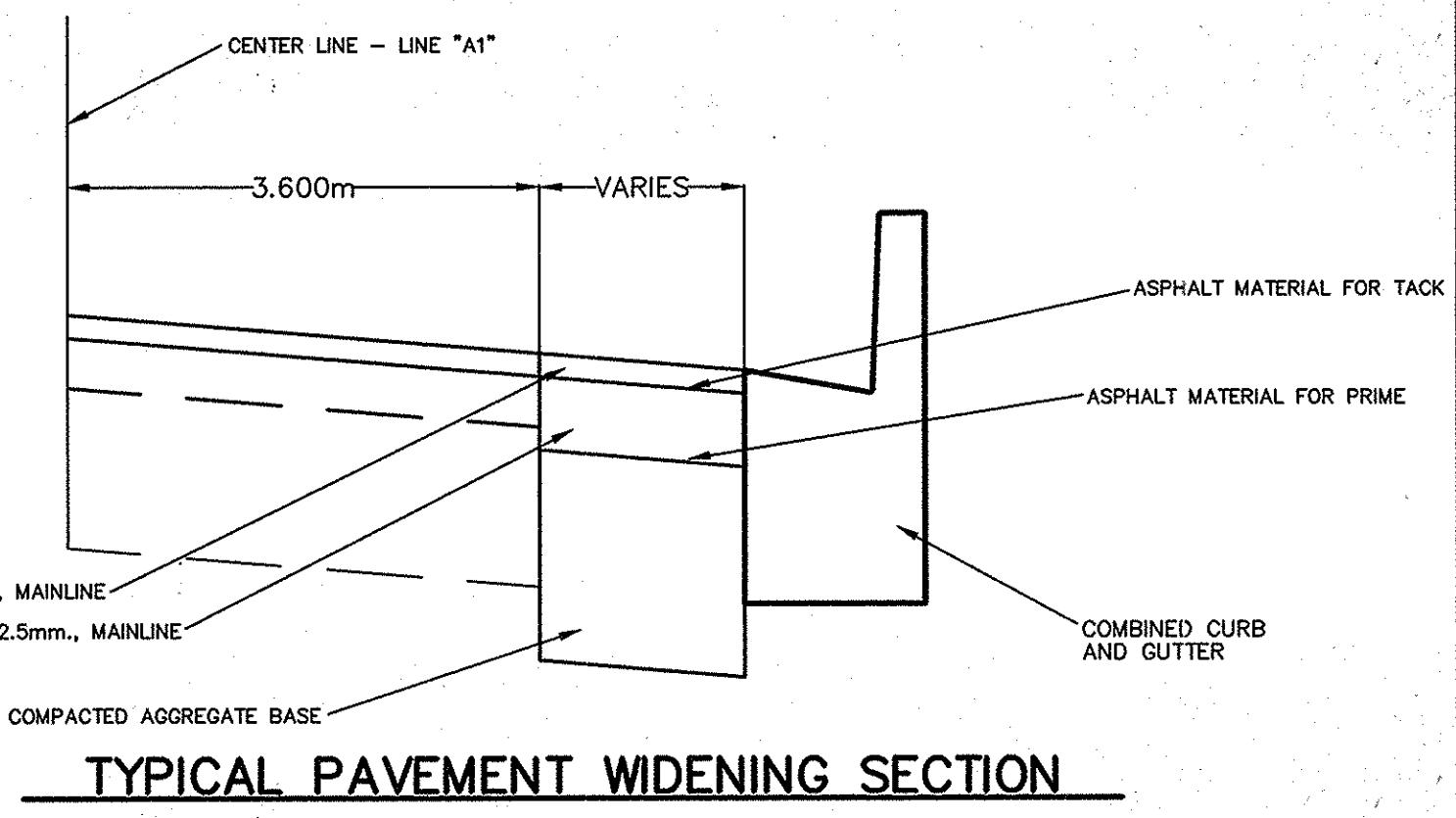
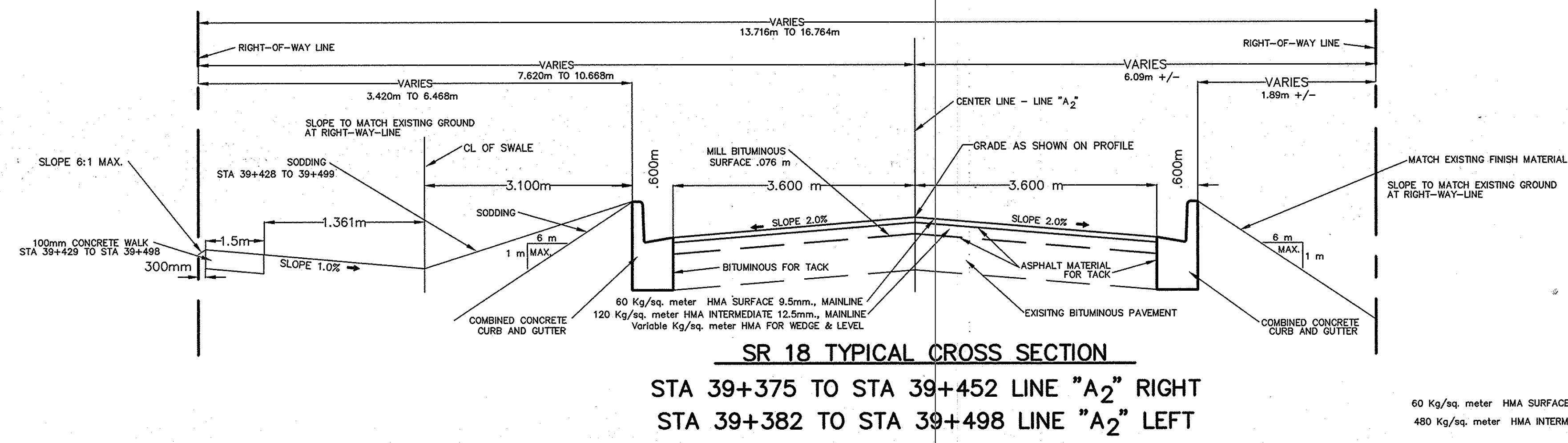
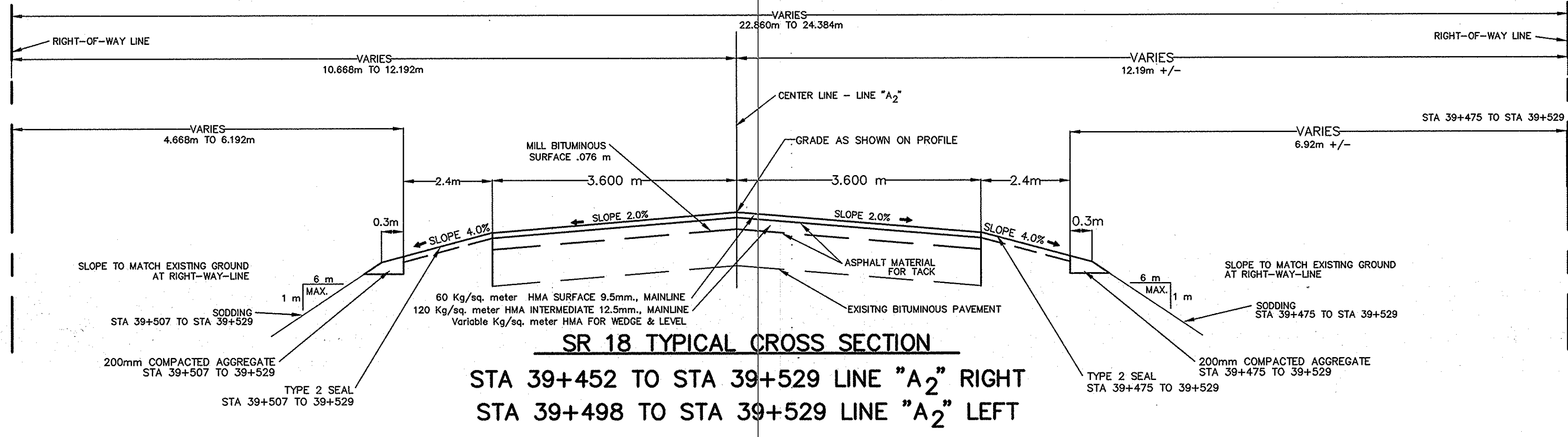
CERTIFIED BY: *Charles W. Blum* P.E. 8-18-97

APPROVED FOR LETTING: *Phelps W. Kildes* 9/9/97

PHONE NUMBER
DATE
DATE



DESIGNATION	8463390, 936339A
SHEETS	1 of 16
CONTRACT NO.	R-23256
PROJECT	STP-132-3(013)



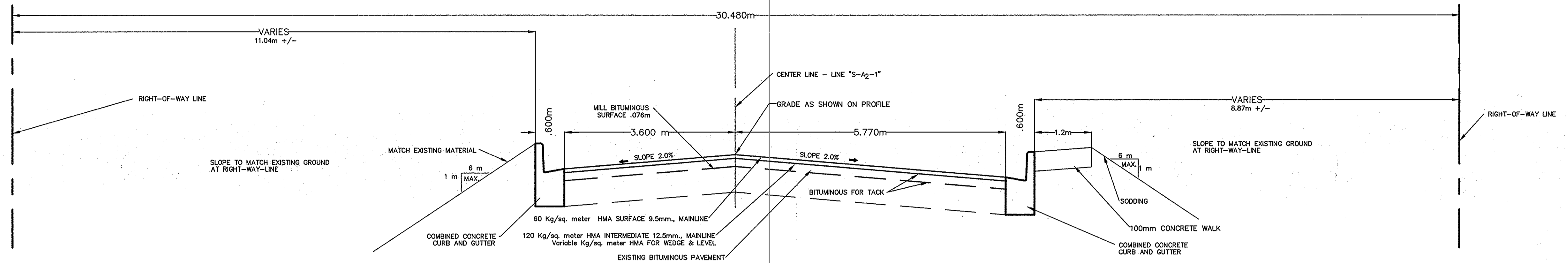
F:\CAD\194252\0-3F Cove Associates, Inc - Indianapolis

	RECOMMENDED FOR APPROVAL	<i>Charles W. Blanton</i> PE 8-18-79	DATE
	DESIGNED: JW	DRAWN: JW	
	CHECKED: CWG	CHECKED: CWG	

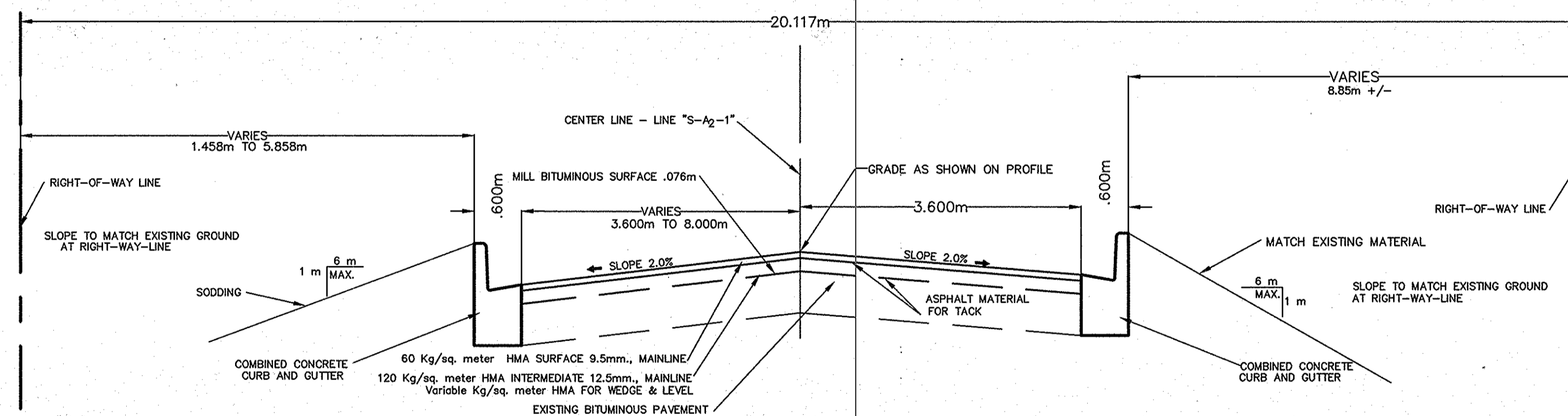
INDIANA DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
 SR 18 - LINE A₂

HORIZONTAL SCALE	BRIDGE FILE
1:20	
VERTICAL SCALE	DESIGNATION
1:5	8463390
SURVEY BOOK	SHEETS
16335	3 of 16
CONTRACT	PROJECT
R-23256	STP-132-3(013)



NORTH BOUND MAIN STREET TYPICAL CROSS SECTION
 STA 01+003.658 TO STA 01+035 LINE "S-A -1"



SOUTH BOUND MAIN STREET TYPICAL CROSS SECTION
 STA 00+965 TO STA 00+996.342 LINE "S-A₂-1"

		RECOMMENDED FOR APPROVAL <i>Charles W. Glasser</i> 8-18-77 DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION TYPICAL CROSS SECTIONS MAIN STREET - LINE S-A₂-1	HORIZONTAL SCALE 1:20	BRIDGE FILE
		DESIGNED: JW DRAWN: JW		VERTICAL SCALE 1:5	DESIGNATION 8463390
CHECKED: CWG	CHECKED: CWG			SURVEY BOOK 16335	SHEETS 4 of 16
				CONTRACT R-33251	PROJECT STP-132-3(013)

FOR

ROUTE SURVEY-INDOT PROJECT NO. STP-132-3(013)
DES # 8463390

PAGE 1 OF 1
DATE MARCH 1, 1995

GENERAL:

- ALL MONUMENT REFERENCE TIES ARE SHOWN ON THE ROUTE SURVEY PLAT.
- SHOULD ADDITIONAL USPLS CORNERS BE NEEDED WHERE NONE WERE FOUND, THEY SHOULD BE REESTABLISHED AND TIED INTO THIS SURVEY.
- ITEM NUMBERS REFER TO MONUMENT NUMBERS SHOWN ON ROUTE SURVEY PLAT PAGE NUMBER INDICATED ABOVE.

1. USED 0.025m DIA. PIPE WITH RR SPIKE IN TOP FOUND BY AID OF GRANT COUNTY SURVEYORS RECORDS.
2. USED RR SPIKE FOUND BY AID OF GRANT COUNTY SURVEYORS RECORDS.
3. PK NAIL SET FLUSH ON TANGENT TO WEST OF CURVE BASE ON BRG. FROM P. 10 BOOK 2273T.
4. PK NAIL SET FLUSH AT PROJECTED PI FROM ORIGINAL SURVEY P. 10 BOOK 2273T.
5. PK NAIL SET FLUSH AT PROJECTED PT BASED ON ORIGINAL SURVEY P. 10 BOOK 2273T.

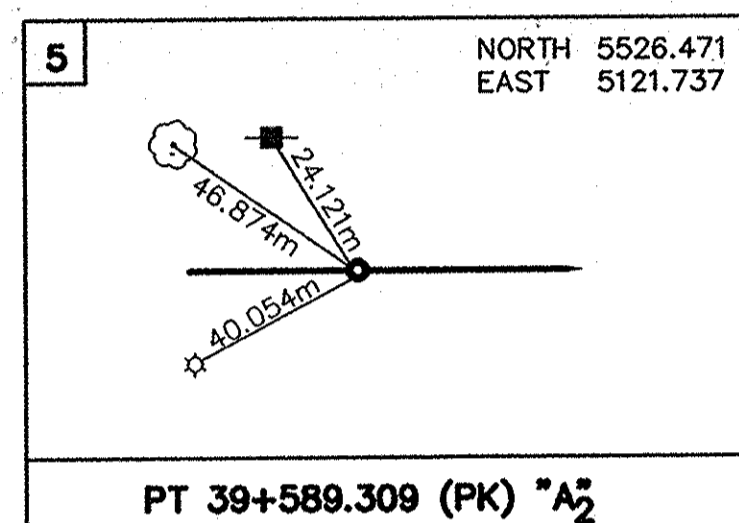
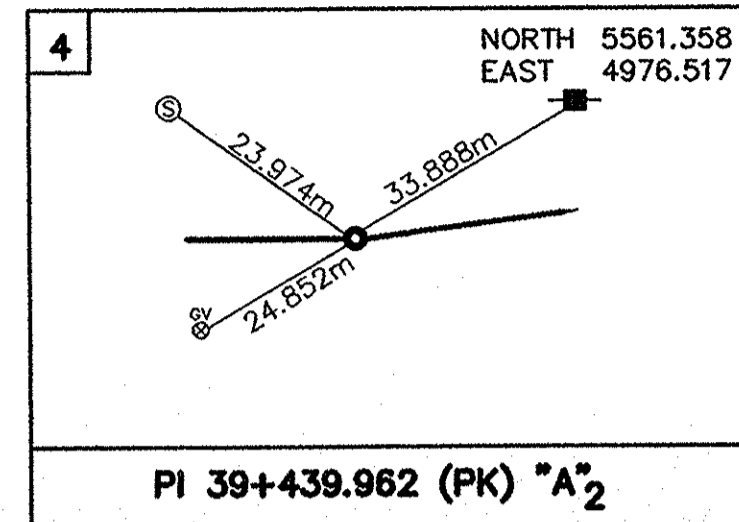
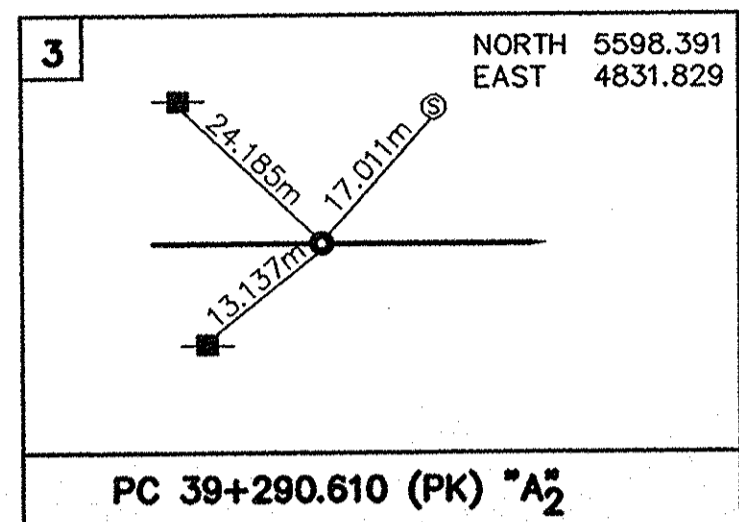
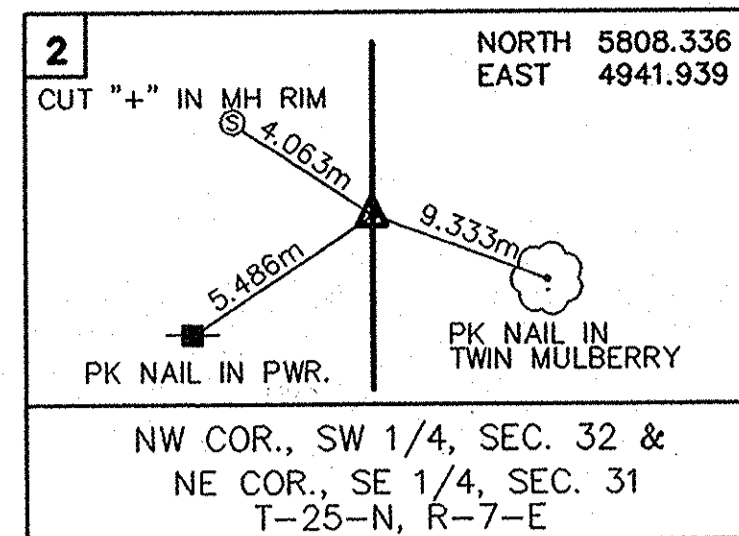
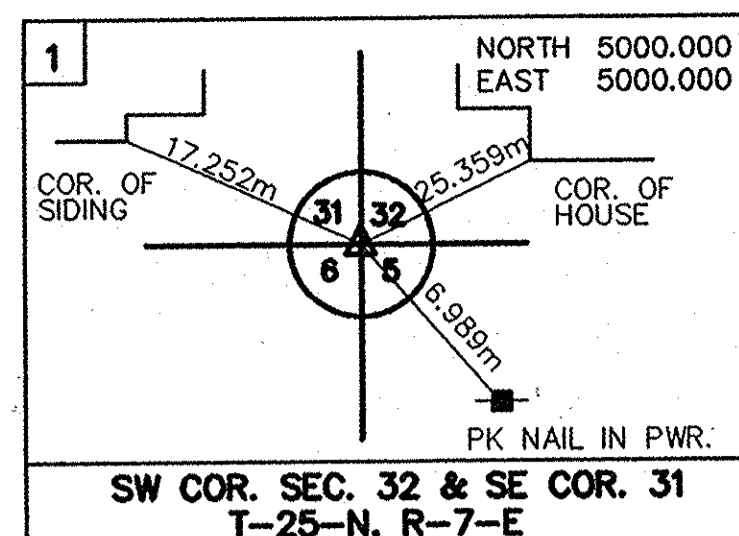
CURVE DATA LINE A₂

Δ = 00°50'53.8"
R = 20175.293m
T = 149.352m
L = 298.699m

CURVE DATA-LINE A
Δ = 01°39'00"
R = 8254.788m
T = 137.160m
L = 274.301m

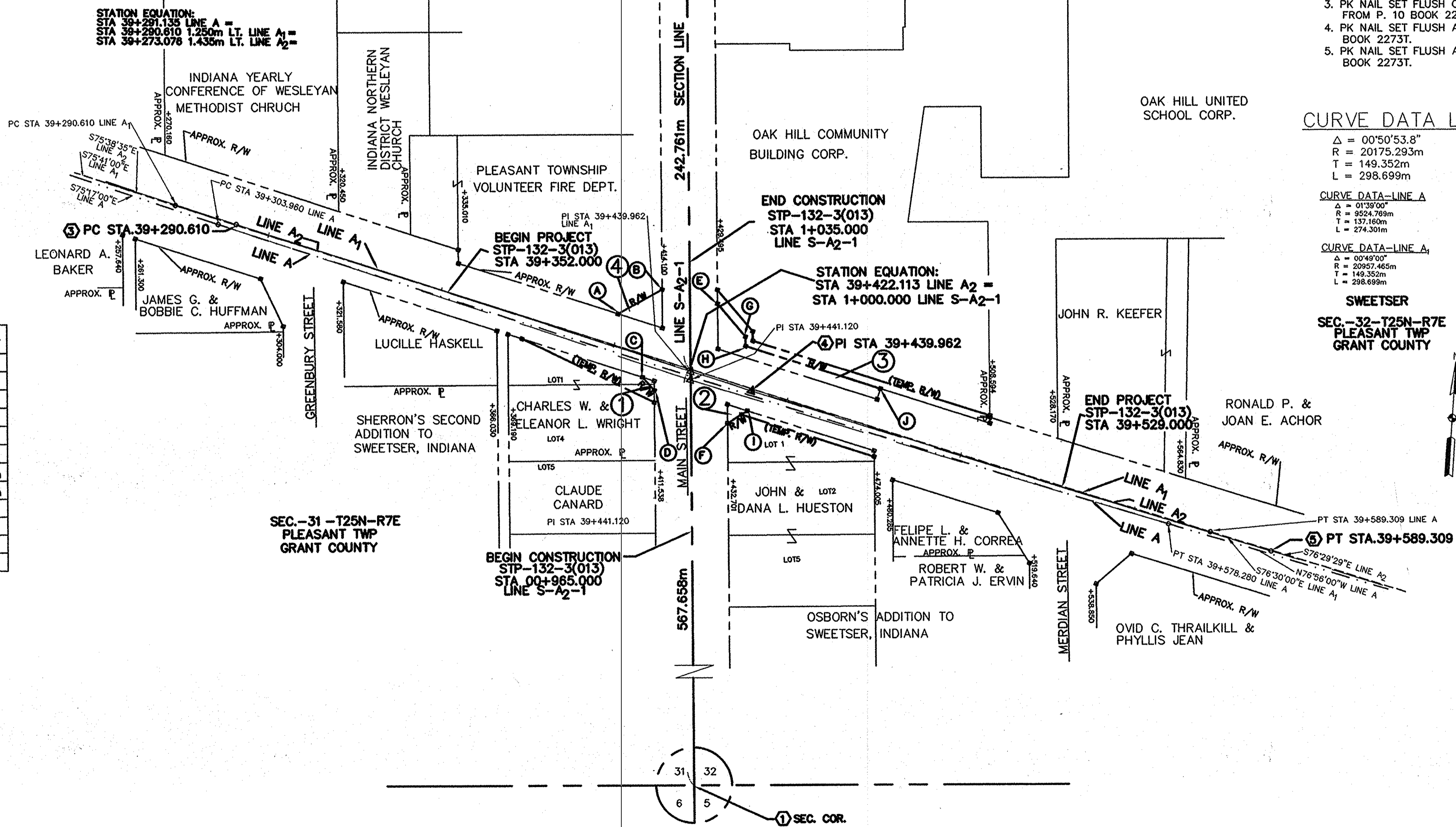
CURVE DATA-LINE A₁
Δ = 00°49'00"
R = 20957.465m
T = 149.352m
L = 298.699m

SWEETSER
SEC.-32-T25N-R7E
PLEASANT TWP
GRANT COUNTY

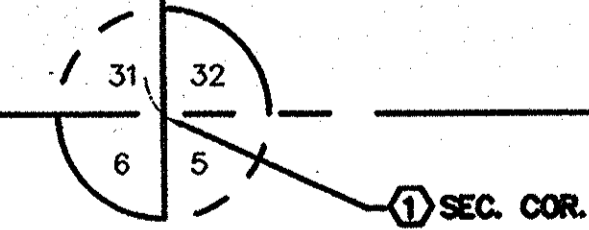


POINT	LINE	STATION	DIRECTION	OFFSET
A	A2	39+398.430m	LT.	P
B	A2	39+407.980m	LT.	P
C	A2	39+410.120m	RT.	P
D	A2	39+414.320m	RT.	P
E	A2	39+423.740m	LT.	P
F	A2	39+426.280m	RT.	P
G	A2	39+433.840m	LT.	13.204m
H	A2	39+434.650m	LT.	10.705m
I	A2	39+440.430m	LT.	P
J	A2	39+473.560m	LT.	P

STATION EQUATION:
STA 39+290.610 LINE A =
STA 39+290.610 1.250m LT. LINE A₁ =
STA 39+273.076 1.435m LT. LINE A₂ =

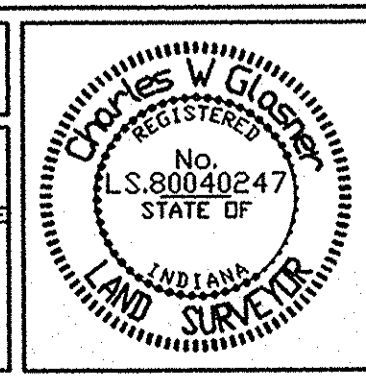


SEC.-31-T25N-R7E
PLEASANT TWP
GRANT COUNTY

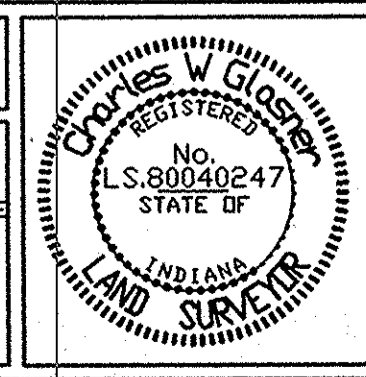


SURVEY STARTED	
12-1-93	
SURVEY COMPLETED	
2-11-94	
ROUTE PLAT SHEETS	
1	OF 1

FIELD SURVEYOR STATEMENT
THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12-20 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.



OFFICE SURVEYOR STATEMENT
THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12-20 REGARDING ROUTE SURVEYS, COVERING ONLY THE REQUIRED LOCATION OR DESCRIPTION OF ANY NEW PARCELS TO BE ACQUIRED.

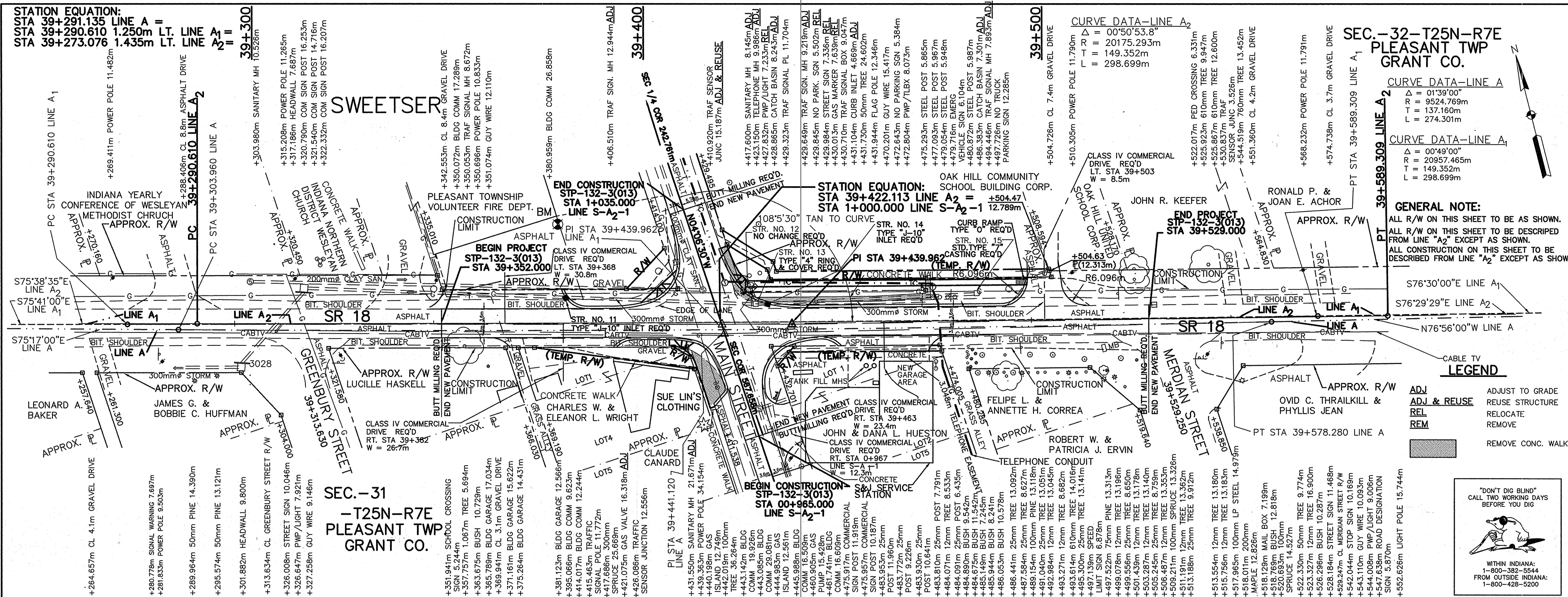


RECOMMENDED FOR APPROVAL
Charles W. Gleser 3/24/95
REGISTERED LAND SURVEYOR, FIELD DATE

RECOMMENDED FOR APPROVAL
Charles W. Gleser 3/24/95
REGISTERED LAND SURVEYOR, OFFICE DATE

INDIANA DEPARTMENT OF TRANSPORTATION
ROUTE SURVEY PLAT
LINE "A₂"

HORIZONTAL SCALE	BRIDGE FILE
1:500	
VERTICAL SCALE	DESIGNATION
NONE	8463390
SURVEY BOOK	SHEETS
16335	5 of 109
CONTRACT	PROJECT
R-23-256	STP-132-3(013)



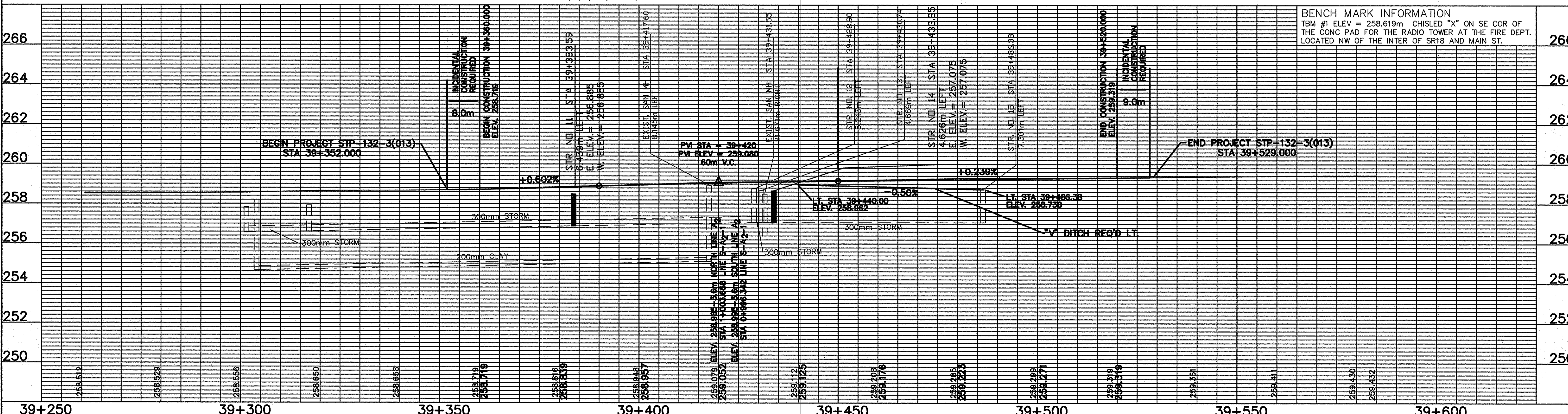
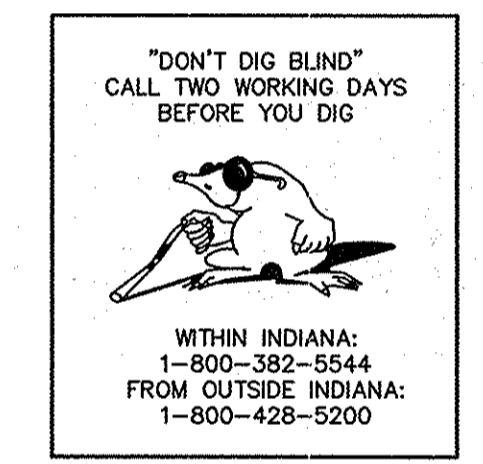
SEC. - 32 - T25N - R7E
PLEASANT TWP
GRANT CO.

CURVE DATA - LINE A₁
 $\Delta = 01^{\circ}39'00''$
 $R = 9524.769m$
 $T = 137.160m$
 $L = 274.301m$

CURVE DATA - LINE A₂
 $\Delta = 00^{\circ}49'00''$
 $R = 20957.465m$
 $T = 149.352m$
 $L = 298.699m$

GENERAL NOTE:
 ALL R/W ON THIS SHEET TO BE AS SHOWN.
 ALL R/W ON THIS SHEET TO BE DESCRIBED FROM LINE "A₂" EXCEPT AS SHOWN.
 ALL CONSTRUCTION ON THIS SHEET TO BE DESCRIBED FROM LINE "A₂" EXCEPT AS SHOWN.

ADJ ADJ & REUSE ADJUST TO GRADE
 REL RELOCATE
 REM REMOVE
 REMOVE CONC. WALK



BENCH MARK INFORMATION
 TBM #1 ELEV = 258.619m CHISEL "X" ON SE COR OF THE CONC PAD FOR THE RADIO TOWER AT THE FIRE DEPT. LOCATED NW OF THE INTER OF SR18 AND MAIN ST.

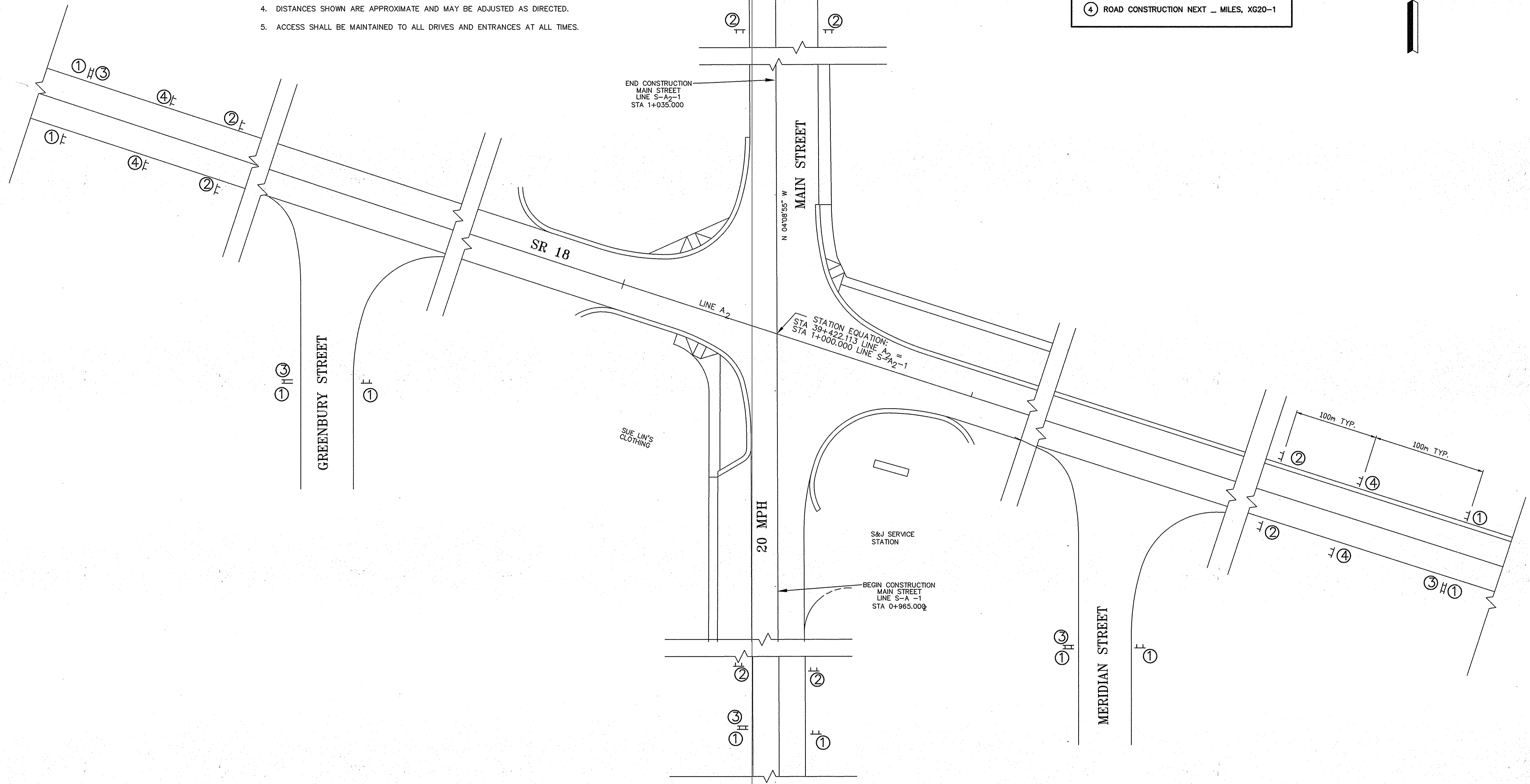
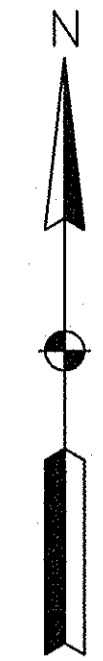
<p>PC 39+290.610 (PK) A₂</p>	<p>PI 39+439.962 (PK) A₂</p>	<p>PT 39+589.309 (PK) A₂</p>		<p>RECOMMENDED FOR APPROVAL <i>Charles William R. 8-18-97</i> DATE DESIGN ENGINEER</p> <p>DESIGNED: JW DRAWN: JW CHECKED: CWG CHECKED: CWG</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>PLAN AND PROFILE LINE A₂ & STA 39+260.907-39+589.309</p>	<p>HORIZONTAL SCALE 1:500 BRIDGE FILE</p> <p>VERTICAL SCALE 1:100 DESIGNATION 8463390</p> <p>SURVEY BOOK 16335 CONTRACT R-2326</p> <p>SHEETS 6 of 16 PROJECT STP-132-3(013)</p>
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NOTES

1. MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH SECTION 104.04 OF THE INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, DATED 1995, THE INDIANA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, DATED 1988.
2. CONTRACTOR SHALL BE REQUIRED TO ERECT AND MAINTAIN ALL CONSTRUCTION SIGNS AS SHOWN.
3. THE MAINTENANCE OF TRAFFIC LISTED HERE IS ONLY A RECOMMENDATION, IT SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL IN ADVANCE OF THE COMMENCEMENT OF WORK IN THE AFFECTED AREA.
4. DISTANCES SHOWN ARE APPROXIMATE AND MAY BE ADJUSTED AS DIRECTED.
5. ACCESS SHALL BE MAINTAINED TO ALL DRIVES AND ENTRANCES AT ALL TIMES.

LEGEND	
①	ROAD CONSTRUCTION AHEAD, XW20-1
②	ROAD CONSTRUCTION 1500', XW20-1 28"x10" METAL PLATE TO BE PLACED OVER THE WORD "AHEAD"
③	END CONSTRUCTION, XG20-2
④	ROAD CONSTRUCTION NEXT _ MILES, XG20-1



SR 18 & 500 WEST (MAIN ST.)
SWEETZER, GRANT COUNTY
FORT WAYNE DISTRICT

F:\AD\194202\0-6A Thu Jul 03 08:30:33 1997 .dgn Associates Inc - Indianapolis

RECOMMENDED FOR APPROVAL	<i>Charles W. Glasser</i> 7-9-77 DESIGN ENGINEER DATE
DESIGNED: JW	DRAWN: JW
CHECKED: CWG	CHECKED: CWG

INDIANA DEPARTMENT OF TRANSPORTATION	
MAINTENANCE OF TRAFFIC LINE A₂ & LINE S-A₂-1	

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	8463390
SURVEY BOOK	SHEETS
16335	6A of 109
CONTRACT	PROJECT
R-23256	STP-132-3(013)

39+350

39+400

39+450

GENERAL NOTE:
 ALL R/W ON THIS SHEET TO BE AS SHOWN.
 ALL R/W ON THIS SHEET TO BE DESCRIBED FROM LINE "A₂" EXCEPT AS SHOWN.
 ALL CONSTRUCTION ON THIS SHEET TO BE DESCRIBED FROM LINE "A₂" EXCEPT AS SHOWN.

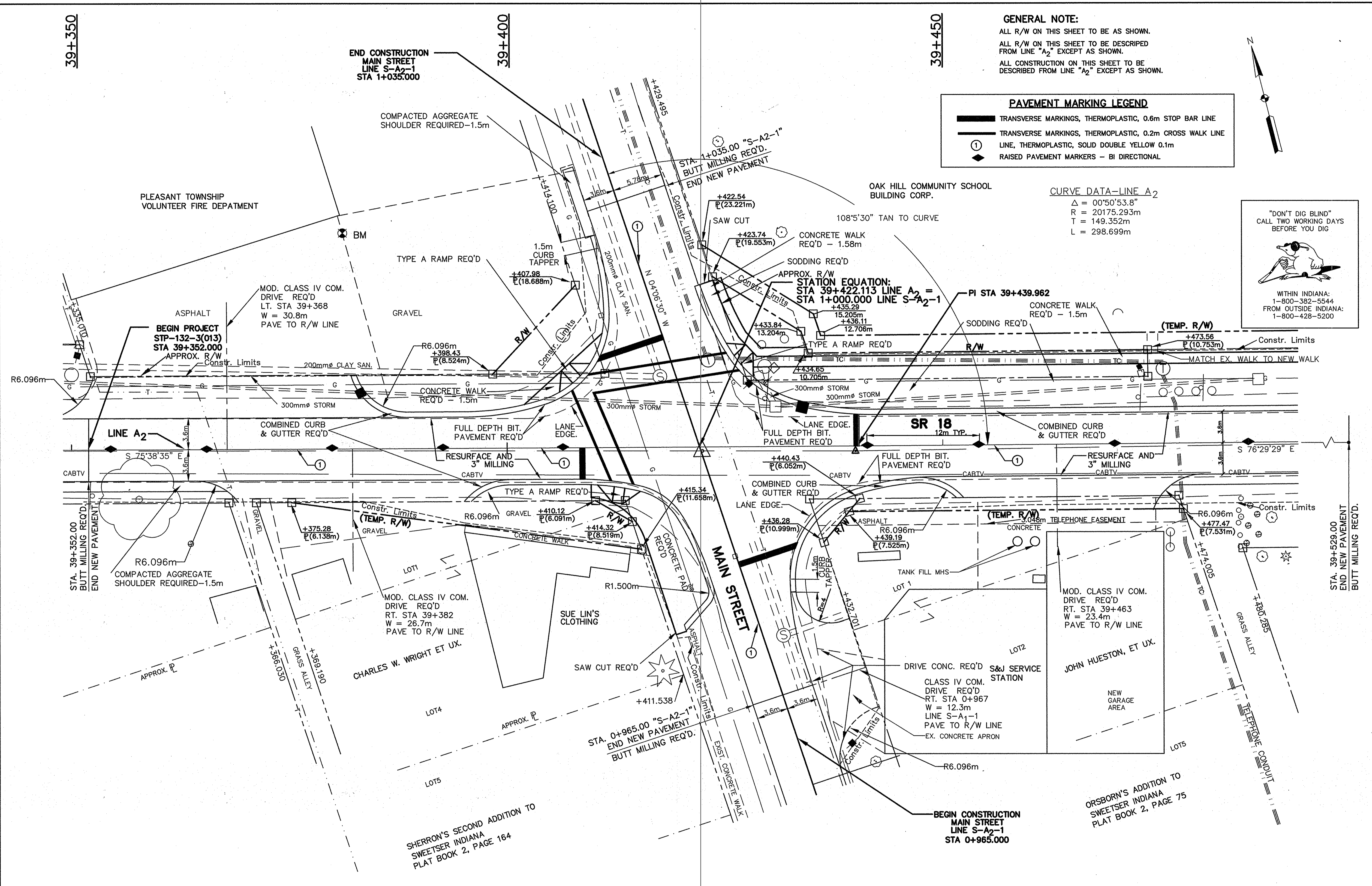
PAVEMENT MARKING LEGEND

	TRANSVERSE MARKINGS, THERMOPLASTIC, 0.6m STOP BAR LINE
	TRANSVERSE MARKINGS, THERMOPLASTIC, 0.2m CROSS WALK LINE
	LINE, THERMOPLASTIC, SOLID DOUBLE YELLOW 0.1m
	RAISED PAVEMENT MARKERS - BI DIRECTIONAL

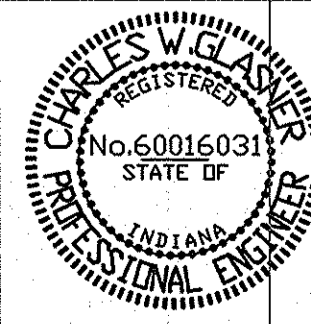
CURVE DATA-LINE A₂
 $\Delta = 00^{\circ}50'53.8''$
 $R = 20175.293m$
 $T = 149.352m$
 $L = 298.699m$

"DON'T DIG BLIND"
 CALL TWO WORKING DAYS
 BEFORE YOU DIG

WITHIN INDIANA:
 1-800-382-5544
 FROM OUTSIDE INDIANA:
 1-800-428-5200



F:\CAD\194250-77 Gove Associates Inc - Indianapolis



RECOMMENDED FOR APPROVAL *(Signature)* **Charles W. Wright, P.E.** 8-18-97
 DESIGN ENGINEER DATE

DESIGNED: JW	DRAWN: JW
CHECKED: CWG	CHECKED: CWG

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAIL
 LINE A₂ & LINE S-A₂-1

HORIZONTAL SCALE	BRIDGE FILE
1:200	
VERTICAL SCALE	DESIGNATION
NONE	8463390
SURVEY BOOK	SHEETS
16335	7 of 16
CONTRACT	PROJECT
R-23256	STP-132-3(013)

39+400

39+450

GENERAL NOTE:
ALL CONSTRUCTION ON THIS SHEET TO BE DESCRIBED FROM LINE "A₂" EXCEPT AS SHOWN.

STATION EQUATION:
STA 39+422.113 LINE A₂ =
STA 1+000.000 LINE S-A₂-1

RADIUS DATA
R1 = 30.480m
R2 = 10.668m
OFFSET = 0.9144m

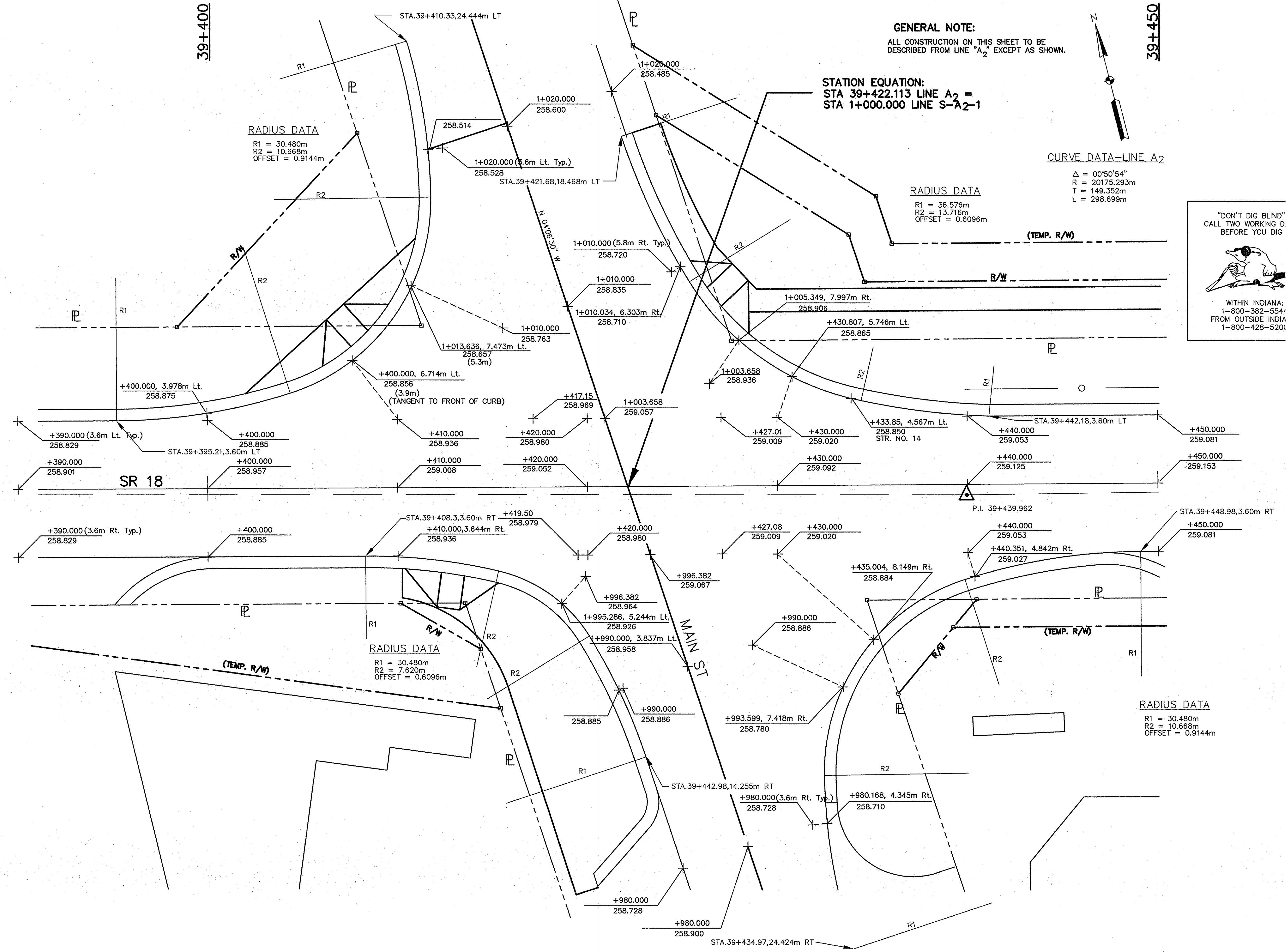
RADIUS DATA
R1 = 36.576m
R2 = 13.716m
OFFSET = 0.6096m

CURVE DATA-LINE A₂
Δ = 00°50'54"
R = 20175.293m
T = 149.352m
L = 298.699m

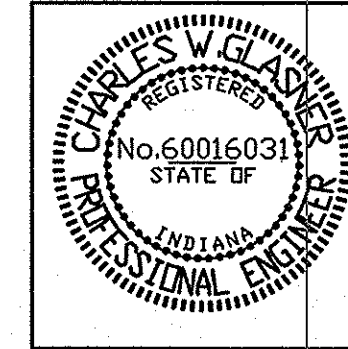
"DON'T DIG BLIND"
CALL TWO WORKING DAYS
BEFORE YOU DIG



WITHIN INDIANA:
1-800-382-5544
FROM OUTSIDE INDIANA:
1-800-428-5200



F:\VAD\19422\0-BF_Govt_Associates Inc - Indianapolis

	RECOMMENDED FOR APPROVAL	<i>Charles W. Williams PE 8-18-97</i>	DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: JW	DRAWN: JW		INTERSECTION GRADING DETAIL		VERTICAL SCALE	DESIGNATION
	CHECKED: CWG	CHECKED: CWG		LINE A₂ & LINE S-A₂-1		NONE	8463390
						SURVEY BOOK	SHEETS
					16335	8 of 16	
					CONTRACT	PROJECT	
					R-23256	STP-132-3(013)	

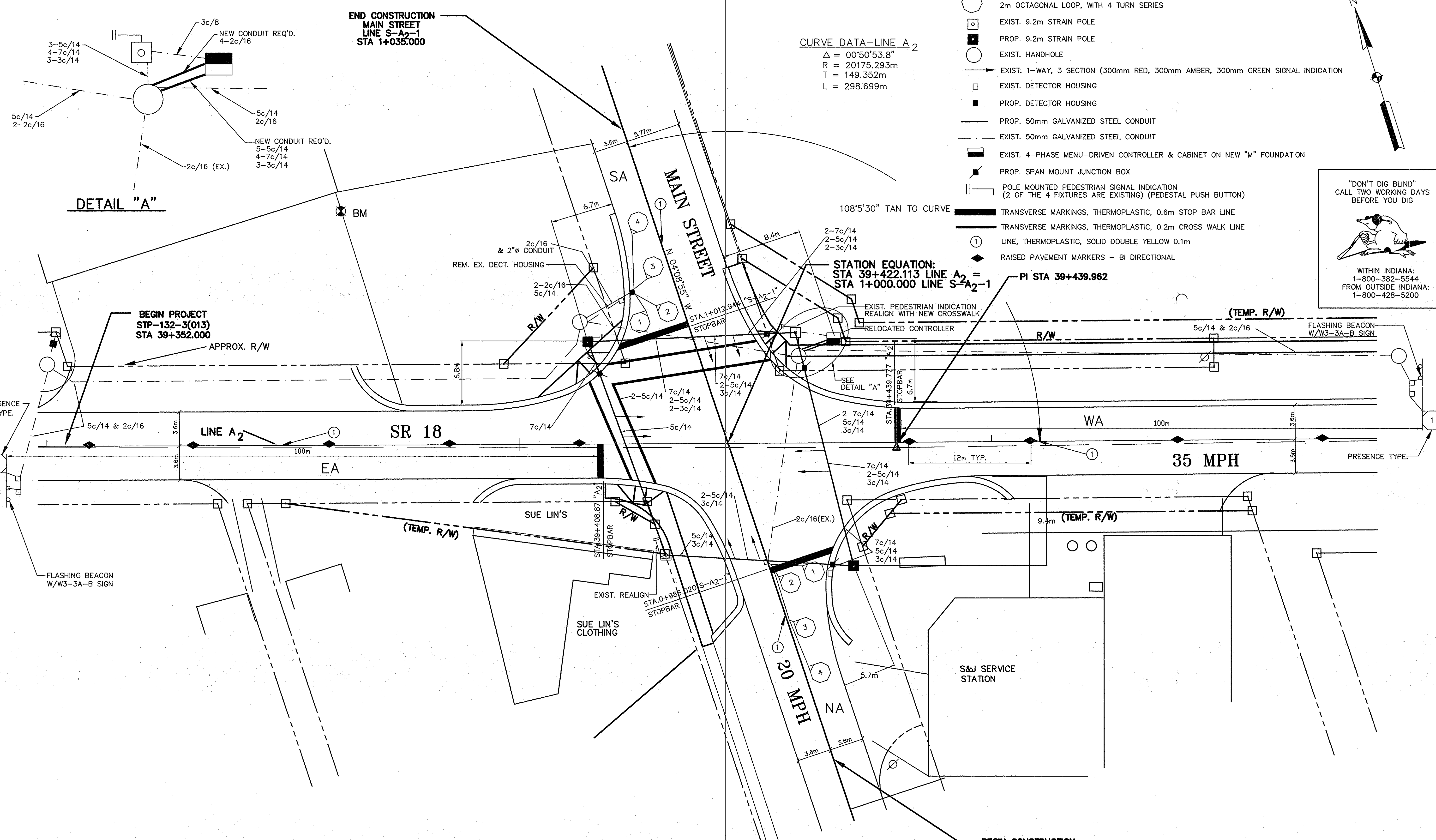
LEGEND

- 2m OCTAGONAL LOOP, WITH 4 TURN SERIES
- EXIST. 9.2m STRAIN POLE
- PROP. 9.2m STRAIN POLE
- EXIST. HANDHOLE
- EXIST. 1-WAY, 3 SECTION (300mm RED, 300mm AMBER, 300mm GREEN SIGNAL INDICATION)
- EXIST. DETECTOR HOUSING
- PROP. DETECTOR HOUSING
- PROP. 50mm GALVANIZED STEEL CONDUIT
- EXIST. 50mm GALVANIZED STEEL CONDUIT
- EXIST. 4-PHASE MENU-DRIVEN CONTROLLER & CABINET ON NEW "M" FOUNDATION
- PROP. SPAN MOUNT JUNCTION BOX
- POLE MOUNTED PEDESTRIAN SIGNAL INDICATION (2 OF THE 4 FIXTURES ARE EXISTING) (PEDESTAL PUSH BUTTON)
- TRANSVERSE MARKINGS, THERMOPLASTIC, 0.6m STOP BAR LINE
- TRANSVERSE MARKINGS, THERMOPLASTIC, 0.2m CROSS WALK LINE
- LINE, THERMOPLASTIC, SOLID DOUBLE YELLOW 0.1m
- RAISED PAVEMENT MARKERS - BI DIRECTIONAL

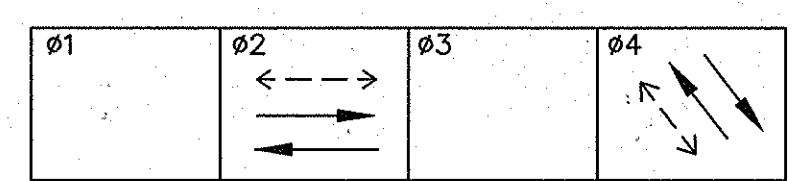
"DON'T DIG BLIND"
CALL TWO WORKING DAYS
BEFORE YOU DIG

WITHIN INDIANA:
1-800-382-5544
FROM OUTSIDE INDIANA:
1-800-428-5200

CURVE DATA—LINE A₂
 $\Delta = 00^{\circ}50'53.8''$
 $R = 20175.293m$
 $T = 149.352m$
 $L = 298.699m$



DETAIL "A"



S.R. 18 (DELPHI ST.) IS PREFERENTIAL
 S.R. 18 (DELPHI ST.) FLASHES AMBER
 MAIN ST. FLASHES RED

LOOP TAGGING TABLE		
LANE	TAG	NUMBER
NA	NA4	- 1,2,3,4
SA	SA4	- 1,2,3,4
EA	EA2	- 1
WA	WA2	- 1

COMM. NO. 01-027-041

SR 18 & 500 WEST (MAIN ST.)
 SWEETZER, GRANT COUNTY
 FORT WAYNE DISTRICT

INDIANA DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL DETAIL
 LINE A₂ & LINE S-A₂-1

HORIZONTAL SCALE	BRIDGE FILE
1:200	
VERTICAL SCALE	DESIGNATION
NONE	8463390
SURVEY BOOK	SHEETS
16335	9 of 16
CONTRACT	PROJECT
R-23256	STP-132-3(013)

RECOMMENDED FOR APPROVAL: *Charles W. Williams PE 8-1879*
 DESIGN ENGINEER DATE

DESIGNED: JW DRAWN: JW

CHECKED: CWG CHECKED: CWG

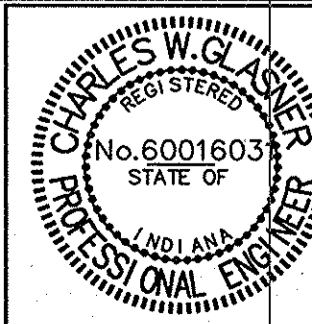
REVIETMENT RIPRAP & SODDING SUMMARY TABLE

FROM STATION	TO STATION	REVIETMENT RIPRAP DITCH							SODDING					SEE SHEET NO.	
		LOCATION		REVIETMENT RIPRAP	GEOTEXTILES					FOR REVIETMENT RIPRAP DITCHES	FOR DITCHES	FOR MEDIAN	FOR SHOULDER		FOR LAWN
Line A ₂															
39+428.0	39+499.0	X							336.74					7	
39+475.0	39+522.0		X								188.00			7	
39+507.0	39+529.0	X									88.00			7	
Line S-A ₂ -1															
01+018.0	Lt 39+435.0 A		X									16.24		7	
TOTAL									336.74			292.24			

REVIETMENT RIPRAP & SODDING SUMMARY TABLE

FROM STATION	TO STATION	REVIETMENT RIPRAP DITCH							SODDING					SEE SHEET NO.	
		LOCATION		REVIETMENT RIPRAP	GEOTEXTILES					FOR REVIETMENT RIPRAP DITCHES	FOR DITCHES	FOR MEDIAN	FOR SHOULDER		FOR LAWN

F:\040\194262\0-1\F Gove Associates Inc - Indianapolis

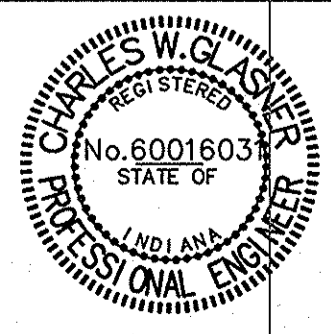
	RECOMMENDED FOR APPROVAL <i>Charles W. Clasper</i> 8-18-11 DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE NONE	BRIDGE FILE -----
	DESIGNED: JW DRAWN: JW	REVIETMENT RIPRAP SODDING SUMMARY TABLE		VERTICAL SCALE NONE	DESIGNATION 8463390
	CHECKED: CWG CHECKED: CWG			SURVEY BOOK 16335	SHEETS 11 of 16

CONTRACT PROJECT
STP-132-3(013)

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION	LEFT	RIGHT	CROSS	SIZE MM	DESCRIPTION SEE ST'D SHEET "MP" FOR ACCEPTABLE TYPE OF PIPE WITHIN EACH GROUP.	LENGTH	SKEW	FLOW LINE		CONCRETE CLASS "A"	"B" BORROW FOR STR. BACKFILL	BACKFILL METHOD	GAGES OR THICKNESS		VELOCITY	RIPRAP	PIPE END SECTION	GEOTEXTILE	REMARKS	
									UP STREAM ELEV.	DOWN STREAM ELEV.				M3	M3						M2
Line A ₂																					
11	39+383.59	X				INLET, TYPE J-10			256.885	256.885			B								CONNECT TO EXIST. STR. NO CHANGE REQUIRED
12	39+428.90	X																			
13	39+430.74	X				TYPE "4" CASTING															CONNECT TO EXIST. STR.
14	39+433.85	X				INLET, TYPE J-10			257.075	257.075			B								CONNECT TO EXIST. STR.
15	39+486.38	X				TYPE "7" CASTING															CONNECT TO EXIST. STR.

STRUCTURE NUMBER	LOCATION	LEFT	RIGHT	CROSS	SIZE MM	DESCRIPTION SEE ST'D SHEET "MP" FOR ACCEPTABLE TYPE OF PIPE WITHIN EACH GROUP.	LENGTH	SKEW	FLOW LINE		CONCRETE CLASS "A"	"B" BORROW FOR STR. BACKFILL	BACKFILL METHOD	GAGES OR THICKNESS		VELOCITY	RIPRAP	PIPE END SECTION	GEOTEXTILE	REMARKS
									UP STREAM ELEV.	DOWN STREAM ELEV.				M3	M3					



RECOMMENDED FOR APPROVAL: Charles W. Krumpholtz 8-15-99
DESIGN ENGINEER DATE

DESIGNED: JW DRAWN: JW
CHECKED: CWG CHECKED: CWG

**INDIANA
DEPARTMENT OF TRANSPORTATION**

STRUCTURE DATA

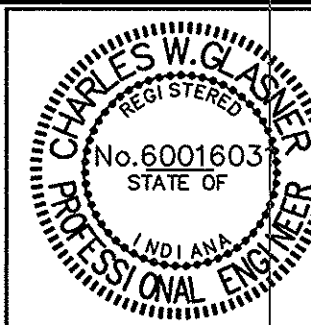
HORIZONTAL SCALE NONE	BRIDGE FILE -----
VERTICAL SCALE NONE	DESIGNATION 8463390

SURVEY BOOK 16335	SHEETS 12 of 16
CONTRACT R23256	PROJECT STP-132-3(013)

SUMMARY OF QUANTITIES AND APPROACH TABLE

LOCATION (STATION)	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH "W" METERS	LENGTH "L" METERS	DISTANCE BEYOND LINE "R" METERS	GRADE (LESS THAN 10% NOT SHOWN)		EXCAVATION		BITUM. MIX FOR APPROACH Sq m	BITUMINOUS MATERIAL FOR ROADS					ASPHALTIC MATERIAL		TYPE "0" COMPACTED AGGREGATE FOR BASE, 0, SIZE NO. 53 150mm 200mm Sq m	CALCIUM CHLORIDE Kg	CEMENT CONCRETE PAVEMENT FOR COMM. DRIVE 150mm Sq m	SEAL COAT TYPE Sq m																	
					1 %	2 %	CM			HMA SURF. 9.5mm. MAINLINE 60 kg Sq m	HMA SURF. FOR APPROACH 60 kg Sq m	HMA INTER- MEDIATE 12.5mm. MAINLINE 120 kg Sq m	HMA INTER- MEDIATE 12.5mm. MAINLINE 480 kg Sq m	HMA BASE 25.0mm MAINLINE 120 kg Sq m	FOR PRIME COAT Mg	FOR TACK COAT Mg																					
							CUT	FILL																													
Line A ₂																																					
39+362.000 TO 39+529.000										1275		1215	60	205			.01	2.81	60		14		90														
39+390 TO 39+427 LT.																			47		11																
39+382 TO 1+026.9 LINE S-A ₂ -1 RT.																					26																
39+368.0	Lt	CLASS IV	30.8	4.9	0	6.096						160	160			.04	0.18	160		36																	
39+382.0	Rt	CLASS IV	26.7	2.5	0	6.096						72	72			.02	0.08	72		16																	
39+463.0	Rt	CLASS IV	23.4	2.5	0	6.096						69	69			.02	0.08	69		15																	
39+503.0	Lt	CLASS IV	8.5	7.0	0	6.096						82	82			.02	0.09	82		18																	
Line S-A ₂ -1																																					
0+965.000 TO 1+035.000										508		508						0.56				39															
00+967.0	Rt	CLASS IV	12.3	3.0	0	6.096																															
TOTALS										1783	383	1723	443	205			0.11	3.8	607		136	39	90														

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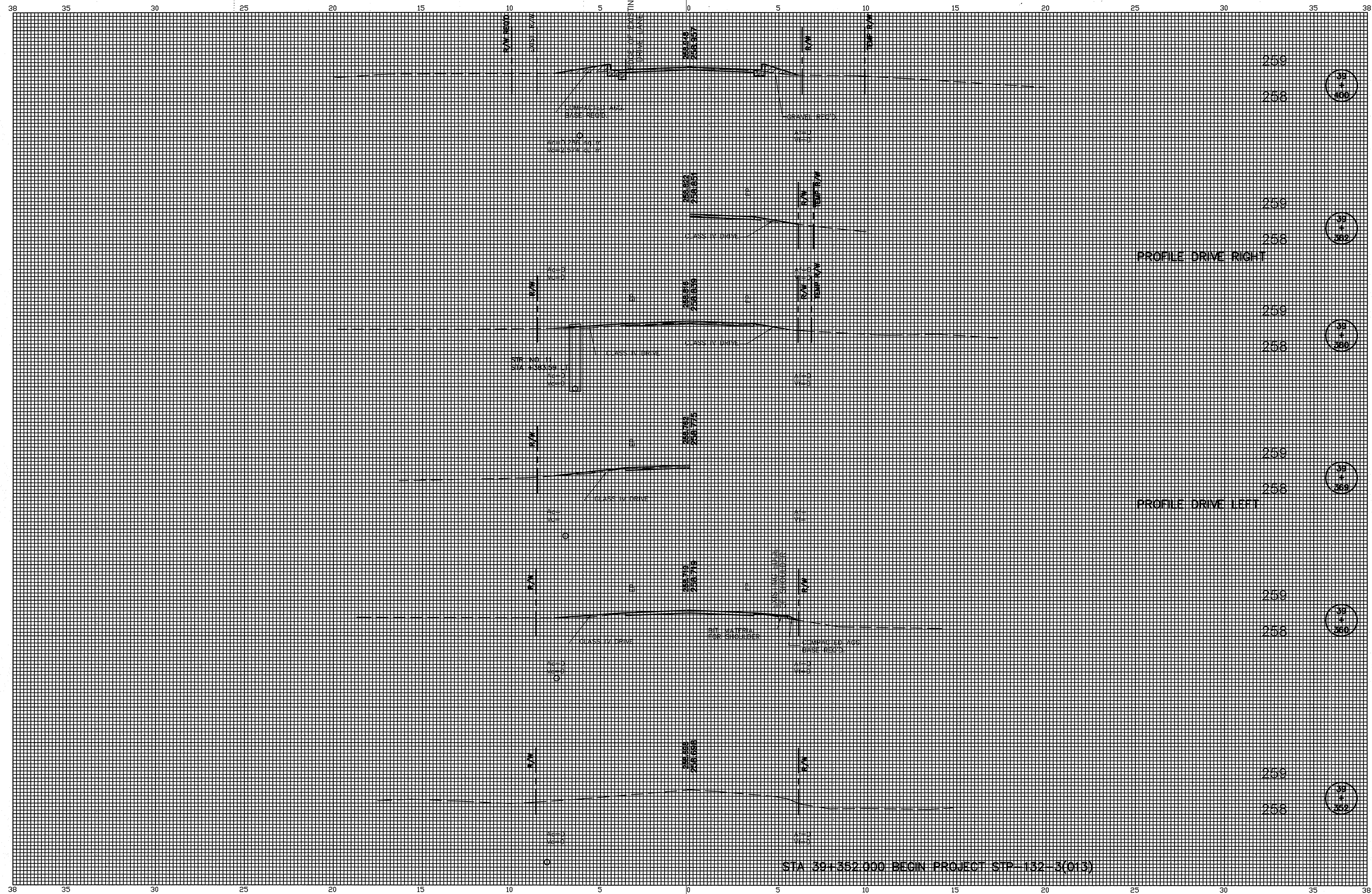


RECOMMENDED FOR APPROVAL: *Charles W. Glass* PE 0-10-97
DESIGN ENGINEER DATE

DESIGNED: JW DRAWN: JW
CHECKED: CWG CHECKED: CWG

INDIANA DEPARTMENT OF TRANSPORTATION
AND APPROACH TABLE
SUMMARY OF QUANTITIES

HORIZONTAL SCALE NONE	BRIDGE FILE -----
VERTICAL SCALE NONE	DESIGNATION 8463390
SURVEY BOOK 16335	SHEETS 13 of 109
CONTRACT R23256	PROJECT STP-132-3(013)



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CHARLES W. BLUMM
REGISTERED PROFESSIONAL ENGINEER
No. 60015031
STATE OF INDIANA

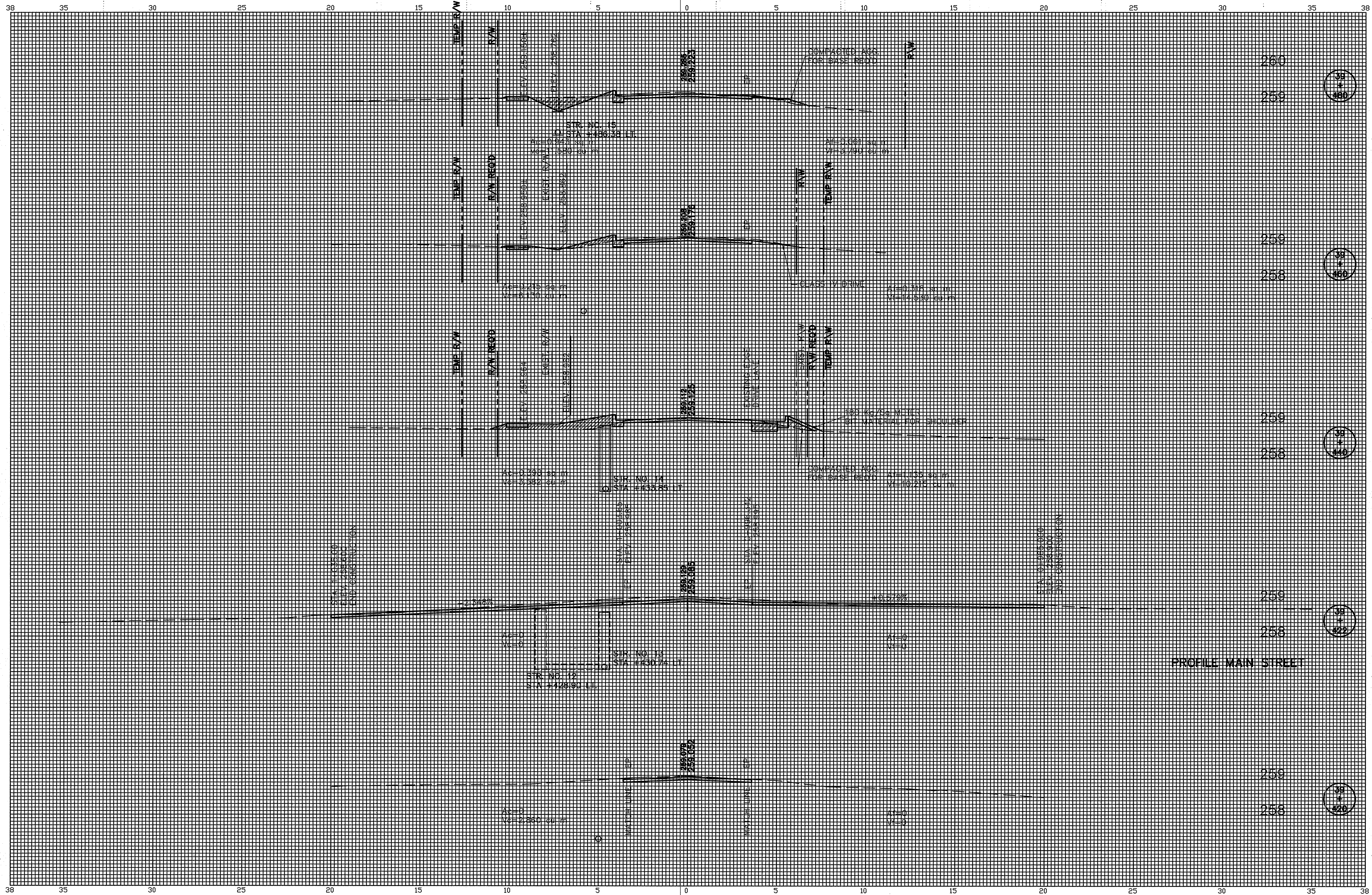
Charles W. Blumm PE 8-18-97

DESIGNED: JW	DRAWN: JW
CHECKED: CWG	CHECKED: CWG

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE A₂ & STA 39+352.000-39+400.000

HORIZONTAL SCALE 1:100	BRIDGE FILE
VERTICAL SCALE 1:50	DESIGNATION 8463390
SURVEY BOOK 16335	SHEETS 14 of 16
CONTRACT R-23251	PROJECT STP-132-3(013)



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DESIGNED: JW	DRAWN: JW
CHECKED: CWG	CHECKED: CWG

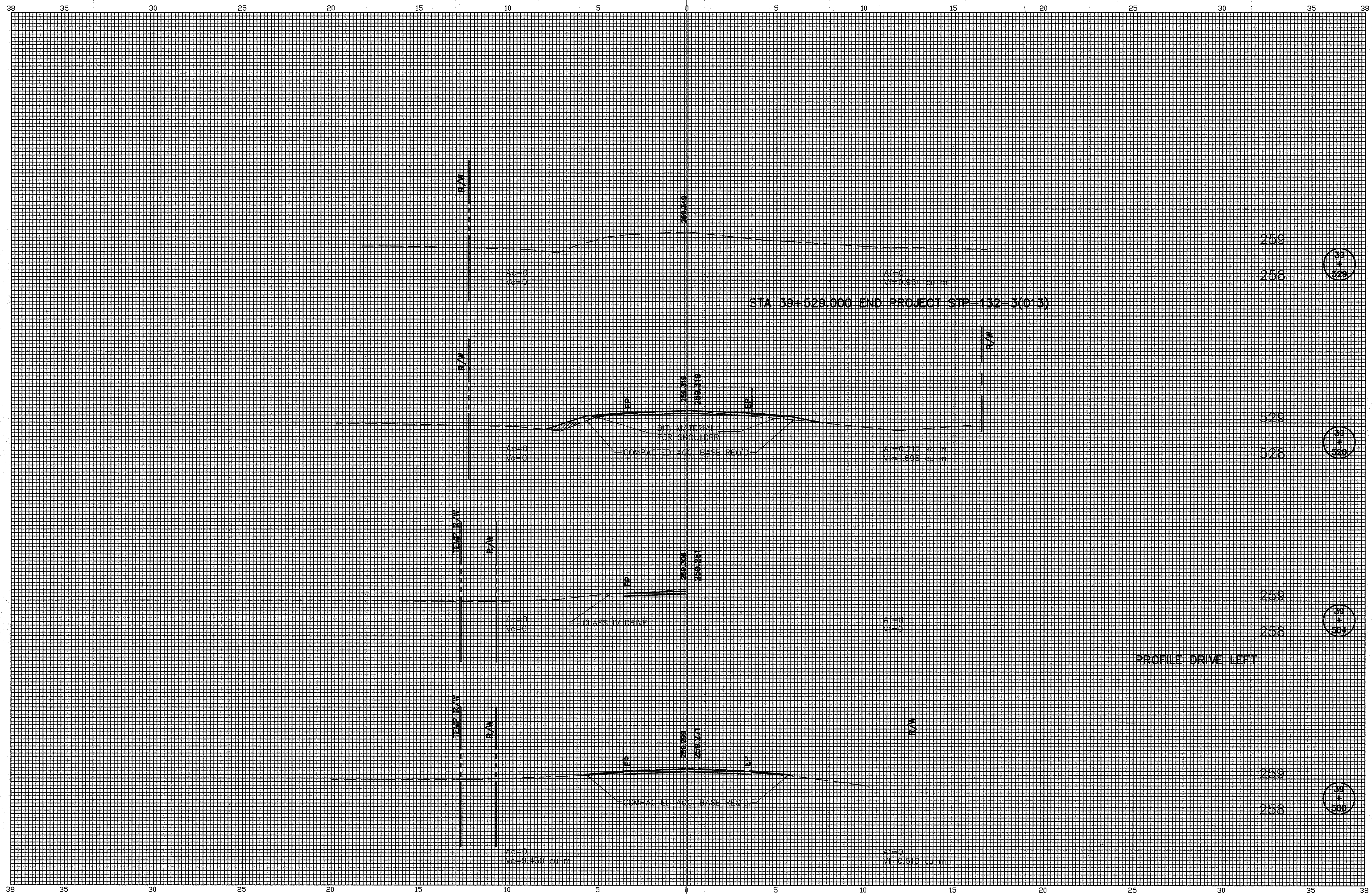
CHARLES W. MUNN
 REGISTERED PROFESSIONAL ENGINEER
 No. 60016031
 STATE OF INDIANA

Charles W. Munn PE 8-18-97

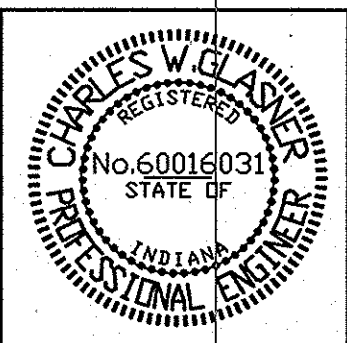
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE A₂ & STA 39+420.00-39+480.00

HORIZONTAL SCALE 1:100	BRIDGE FILE
VERTICAL SCALE 1:50	DESIGNATION 8463390
SURVEY BOOK 16335	SHEETS 15 of 16
CONTRACT R-23256	PROJECT STP-132-3(013)



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Charles W. Glasser PE 8-18-97
 DESIGNED: JW DRAWN: JW
 CHECKED: CVG CHECKED: CVG

INDIANA DEPARTMENT OF TRANSPORTATION
CROSS SECTIONS
 LINE A₂ & STA 39+500.000-39+529.000

HORIZONTAL SCALE 1:100	BRIDGE FILE
VERTICAL SCALE 1:50	DESIGNATION 8463390
SURVEY BOOK 16335	SHEETS 16 of 16
CONTRACT R-23256	PROJECT STP-132-3(013)