

INDEX

SHEET NO.	DESIGNATION	B. P. R. APPROVAL	DATE ADOPTED A. OF LATEST REVISION R
	TITLE SHEET		
	STD. DIV. LANE (INTERSTATE)		
	STD. DIV. LANE (INTERSTATE)		
	STD. DIV. LANE (INTERSTATE)		
	STD. CROSS SECTION, E-11-1R	NOT APPROVED	R-4/17/64
	STD. CROSS SECTION		
	STD. CROSS SECTION		
	TYPICAL CROSS SECTION		
	STD. 8 INCH RAMP SECTION		
	STD. 10 INCH RAMP SECTION		
	ROW PLAT NO. 1		
	STD. PAVEMENT JOINTS SHEET "A"	5/23/62	R-5/11/62
	PLAN AND PROFILE		
	INTERCHANGE GEOMETRICS AND R.O.W.		
	INTERCHANGE DETAILS AND PROFILES		
	STRUCTURE DATA		
	DETAILS		
	APPROACH AND CROSSOVER TABLE		
	SUBSURFACE DRAINS		
	TABLE OF QUANTITIES		
	ESTIMATES OF QUANTITIES		
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	MISCELLANEOUS STANDARDS, SHEET "MB"	NOT APPROVED	R-2/1/64
	MISCELLANEOUS STANDARDS, SHEET "MC"	1/26/60	R-4/1/59
	MISCELLANEOUS STANDARDS, SHEET "MD"	1/26/60	R-5/26/59
	MISCELLANEOUS STANDARDS, SHEET "ME"	NOT APPROVED	R-2/1/64
	MISCELLANEOUS STANDARDS, SHEET "MF"	NOT APPROVED	R-2/1/64
	MISCELLANEOUS STANDARDS, SHEET "MG"	NOT APPROVED	R-2/1/64
	MISCELLANEOUS STANDARDS, SHEET "MH"	NOT APPROVED	R-2/1/64
	MISCELLANEOUS STANDARDS, SHEET "MI"	NOT APPROVED	R-2/1/64
	MISCELLANEOUS STANDARDS, SHEET "MJ"	NOT APPROVED	R-2/1/64
	MISCELLANEOUS STANDARDS, SHEET "MK"	NOT APPROVED	A-NOV.63
	MISCELLANEOUS STANDARDS, SHEET "ML"	5/9/61	R-4/11/61
	MISCELLANEOUS STANDARDS, SHEET "MP"	NOT APPROVED	R-11/20/63
	MISCELLANEOUS STANDARDS, SHEET "MQ"	NOT APPROVED	R-11/20/63
	MISCELLANEOUS STANDARDS, SHEET "MR"	NOT APPROVED	R-4/17/64
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	MISCELLANEOUS STANDARDS, SHEET "MU"		
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	STD. FOR SUPERELEVATION AND WIDENING OF CURVES		
	STD. DETOUR SIGNS, SHEET 1	NOT APPROVED	R-3/8/63
	STD. DETOUR SIGNS, SHEET 2	NOT APPROVED	R-3/8/63
	STD. DETOUR SIGNS, SHEET 3	NOT APPROVED	R-3/8/63
	STD. DETOUR SIGNS, SHEET 4	NOT APPROVED	A-FEB.64
	CROSS SECTIONS		

STATE OF INDIANA
INDIANA STATE HIGHWAY COMMISSION

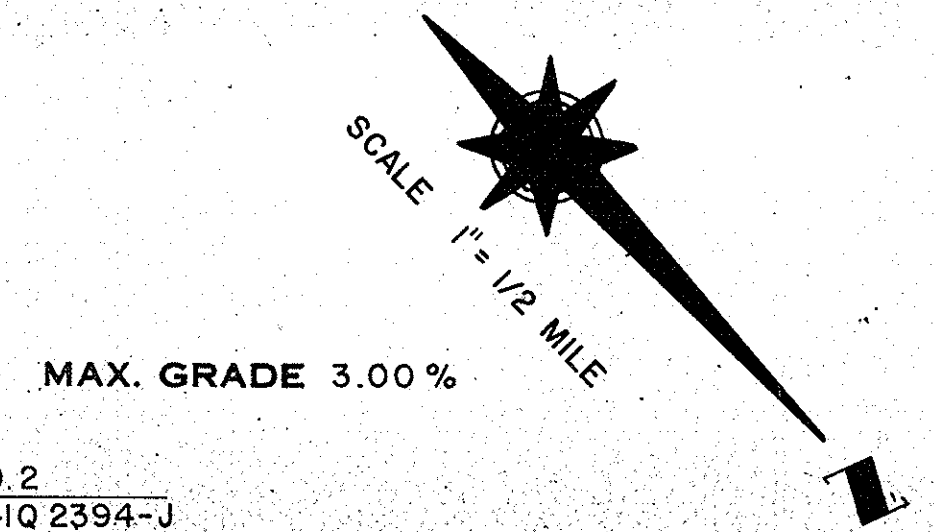
PLAN AND PROFILE OF PROPOSED STATE HIGHWAY
ST-F - PROJECT NO. 69 (54) P.E. (60) R/W (61) CONST.
CODE NO. 0626

FEDERAL ROAD DIVISION NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	57-6960	1966	1	

DESIGN DATA	
A.D.T. (1966)	7085 V.P.D.
A.D.T. (1986) - PROJECTED	12399 V.P.D.
D.H.V.	1588 V.P.D.
DIRECTIONAL DISTRIBUTION	50 %
TRUCKS	8.2 %
DESIGN SPEED	70 M.P.H.
ACCESS CONTROL	PARTIAL

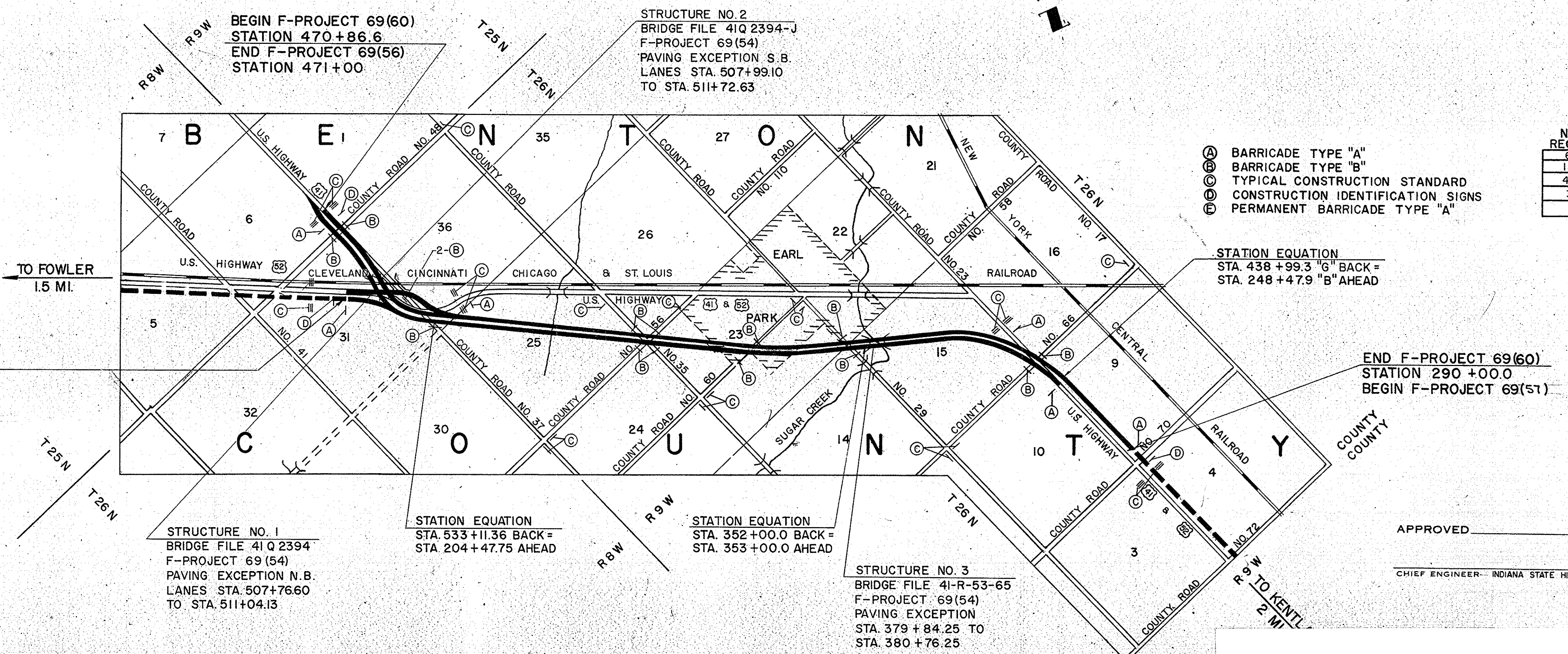
BEGINNING AT A POINT ON ROAD U.S. 41 APPROX. 1170.6 FEET SOUTH OF THE NORTH LINE OF SECTION 1, T.25N., R.9W., IN BENTON COUNTY AND EXTENDING NORTH AND NORTHWESTERLY A DISTANCE OF 33,728.41 FEET TO A POINT ON ROAD U.S. 41 & 52 APPROX. 950.4 FEET SOUTH OF THE NORTH LINE OF SECTION 9, T.26N., R.9W., IN BENTON COUNTY.

GROSS LENGTH: 6.387 MI.
NET LENGTH: 6.387 MI.
SCALES:
PLAN { LONG: 1"=100' PROFILE { HORIZ: 1"=100'
TRANS: 1"=100' VERT: 1"=10'



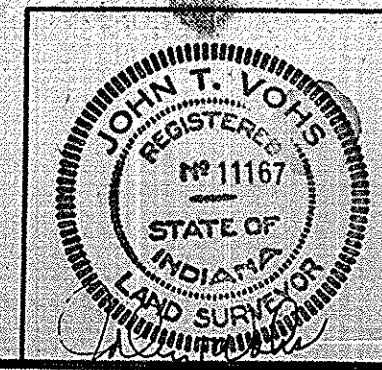
REVISIONS		
SHEET NO.	DATE	REVISED
33	7-26-65	L.A. R/W Break Sta. 289+16 LL
10, 11, 12, 54	4-11-66	DELETE "S-32-B-PR"
29 & 30	4-27-66	REV. DITCH & INCREASED R/W

RIGHT - OF - WAY INDEX	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	PARCEL LISTING
3-5	TYPICAL CROSS SECTIONS
6, 7	R.O.W. PLAT NO. 1
8-12	PLAN AND PROFILE
13	INTERCHANGE R/W AND GEOMETRICS
14-31	DETAILS
52-55	APPROACH AND CROSSOVER TABLE
56-62	AERIAL MOSAICS - R.O.W. PLAT NO. 3



STATE HIGHWAY DEPARTMENT OF INDIANA
STANDARD SPECIFICATIONS DATED 1963
TO BE USED WITH THESE PLANS.

HOMER L. CHASTAIN & ASSOCIATES
CONSULTING ENGINEERS—TERRE HAUTE, INDIANA



RECOMMENDED FOR APPROVAL
ENGINEER OF ROAD DESIGN—INDIANA STATE HIGHWAY COMMISSION

Code 0626
F-69(60)
US-41 Benton Co.
63 Sheets

ADS	CE
DATE	

PARCEL NUMBER	GRANTOR	CENTER LINE	FROM TO APPROX STA.	BRIDGE STA.	TOTAL AREA	R/W EXISTING TITLE ACQUIRED	MEASURE LAND OF TITLE ACQUIRED	RESIDUE AREA	BLDG.
284	CARTON-THOMAS G. ET AL.	B	286 300 33434		40.000AC	1.371AC	LA 1.221AC	AF 37.408AC	
288		B	326 328 35		1481.000AC	2.600AC	LA 0.177AC	B 143.495AC	
290		B	328 336 35				LA 0.605AC		
292		B	336 342 35				LA 0.447AC		
294		B	342 350 35+36				LA 0.546AC		
296		B	328 328 35				PE 0.042AC		
298		B	336 336 35				PE 0.040AC		
299		B	342 342 35				PE 0.038AC		

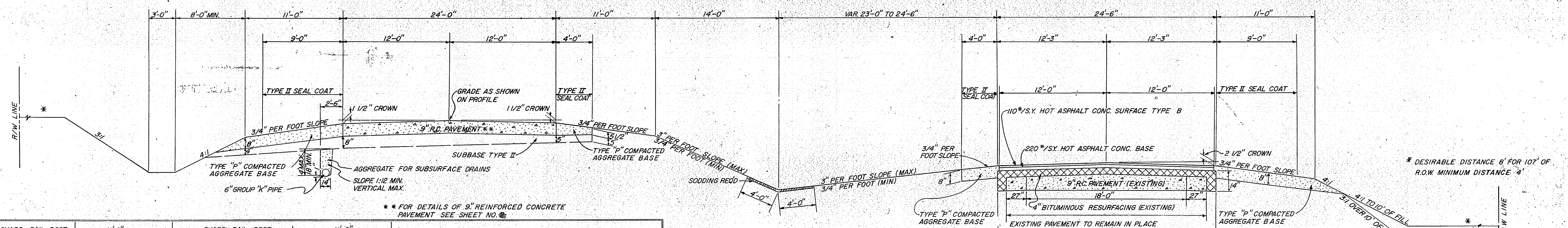
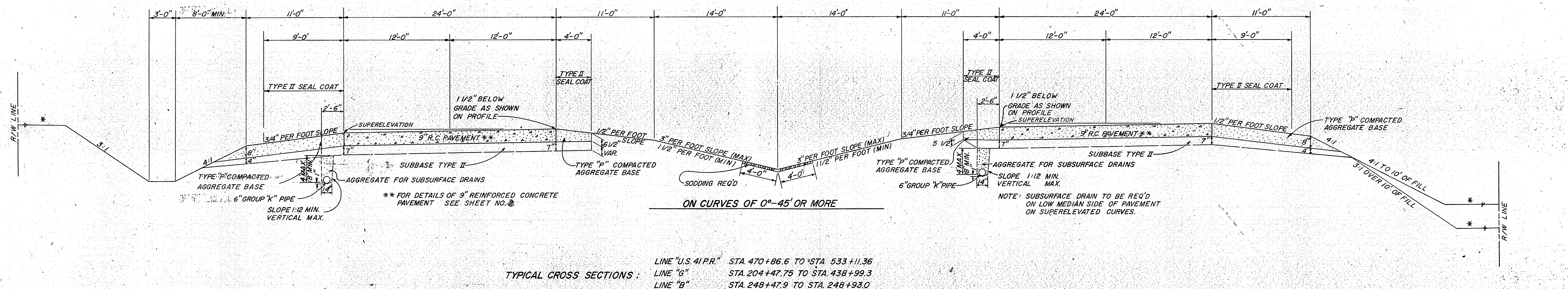
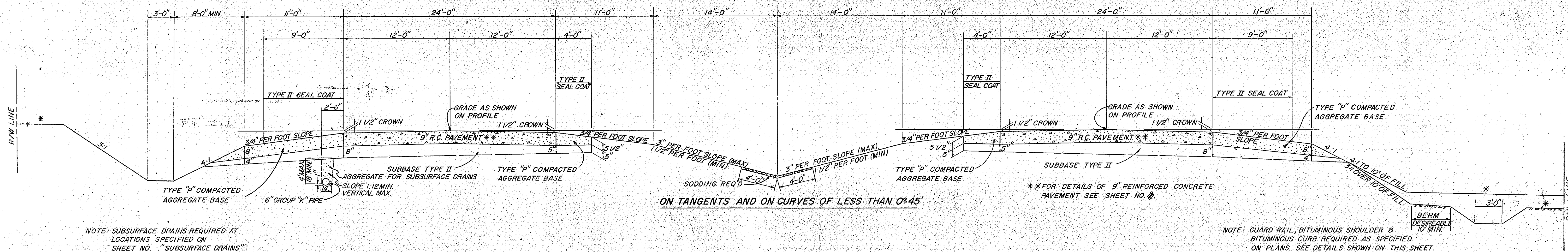
* (ASTERISK) IN THE BRIDGE COLUMN INDICATES THE PARCEL IS PARTIALLY OR COMPLETELY WITHIN THE LIMITS OF A BRIDGE PROJECT.
 * (ASTERISK) IN THE BLDG. COLUMN INDICATES A BUILDING IS PARTIALLY OR COMPLETELY WITHIN THE LIMITS OF THE R/W REQUIRED.

FS - FEE SIMPLE TITLE
 TR - TRUST
 TE - TEMPORARY R/W FOR BUILDING REMOVAL ONLY
 PE - PERMANENT R/W
 LA - LIMITED ACCESS R/W
 LA - RESIDUE ON LEFT

LIST OF EXCESS LANDS TO BE ACQUIRED AND A SEGREGATION BY PROJECTS OF RIGHT OF WAY AREAS AND EXCESS LAND AREAS LYING IN TWO OR MORE PROJECTS HAVING DIFFERENT FEDERAL PARTICIPATING RATIOS

PARCEL NUMBER	TYPE OF LAND TO BE ACQUIRED	PROJECT ST-F-691(60)	PROJECT F-75(24)	PROJECT F-49(186)	PROJECT F-69(57)
1	FS	52.745AC	13.562AC	34.966AC	4.217AC
1	TE	0.374AC	0.374AC		
1	TB	0.052AC			0.052AC
2	FS	1.876AC	0.280AC		
4	FS	32.132AC	29.046AC	3.086AC	
6	FS	31.363AC	31.363AC		
6	TE	0.489AC	0.489AC		
7	FS	10.574AC	8.002AC		2.572AC
8	FS	0.317AC	0.317AC		
28	FS	7.233AC	4.769AC		2.464AC
28	TE	0.333AC	0.333AC		
28	TB	0.092AC	0.092AC		
29	LA	3.126AC	0.338AC		2.788AC

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	57-F-69 (60)	1966	3	3

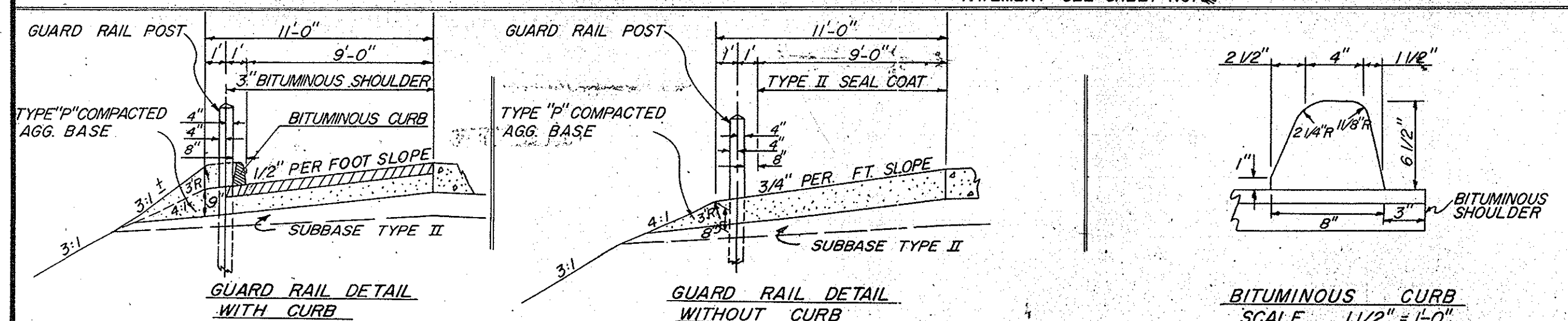


TYPICAL CROSS SECTIONS

SCALE:

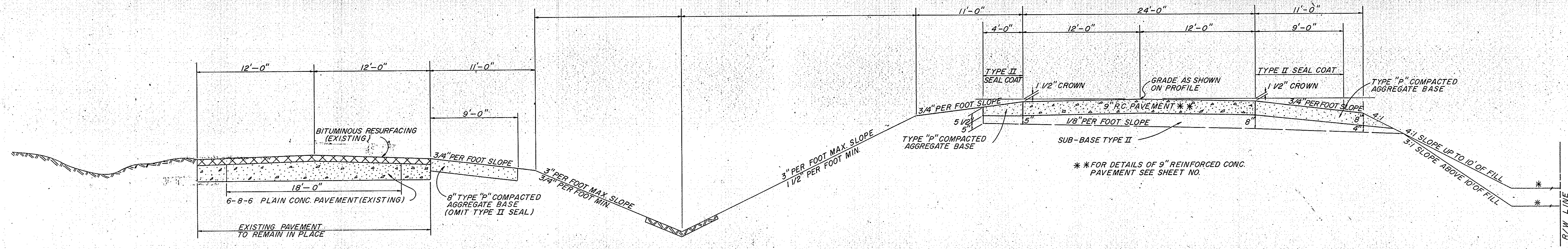
RECOMMENDED FOR APPROVAL _____

ENGINEER OF ROAD DESIGN, INDIANA STATE HIGHWAY COMMISSION



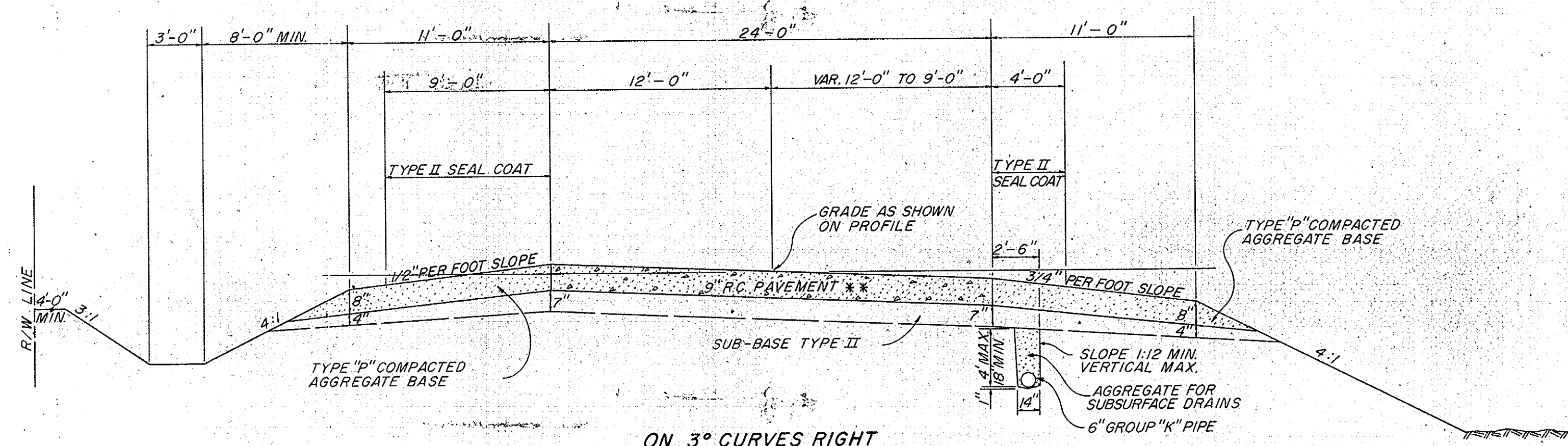
PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
F-69(60)	G	3	3	

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	57-F-69(60)	1966	A	

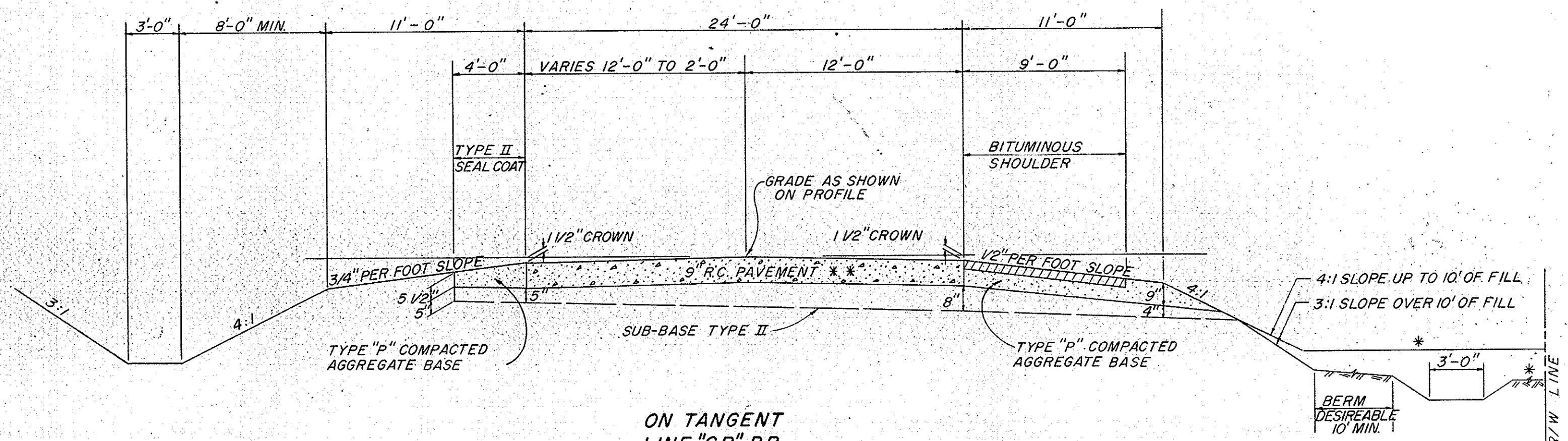


TYPICAL SECTION LINE "B" AND EXISTING U.S.R. 52
STA. 164+00.0 TO STA. 164+98.86

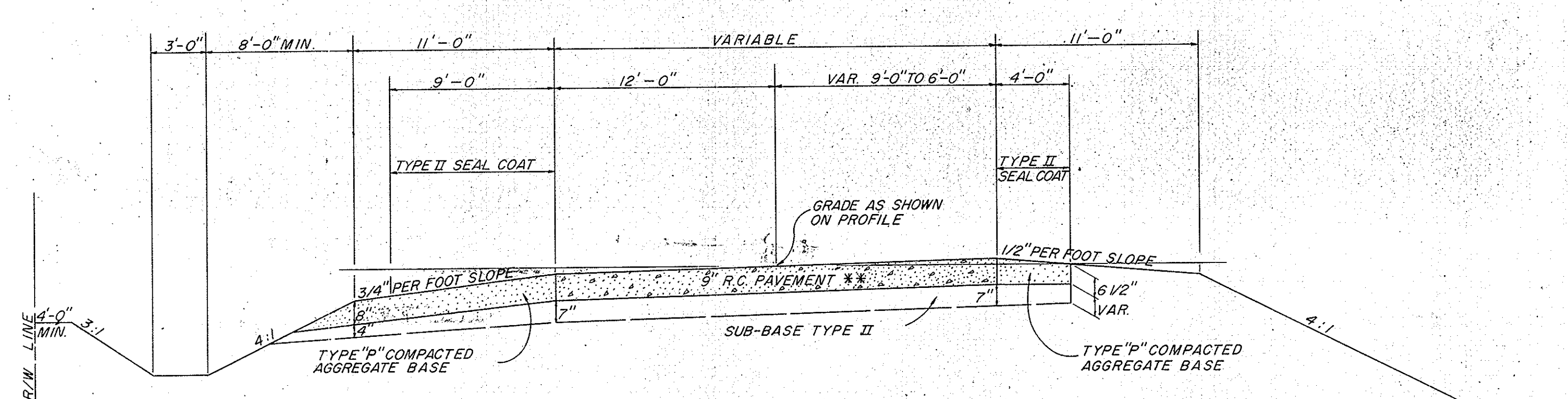
* DESIRABLE DISTANCE 8' FOR 107' OF ROW MINIMUM DISTANCE 4'



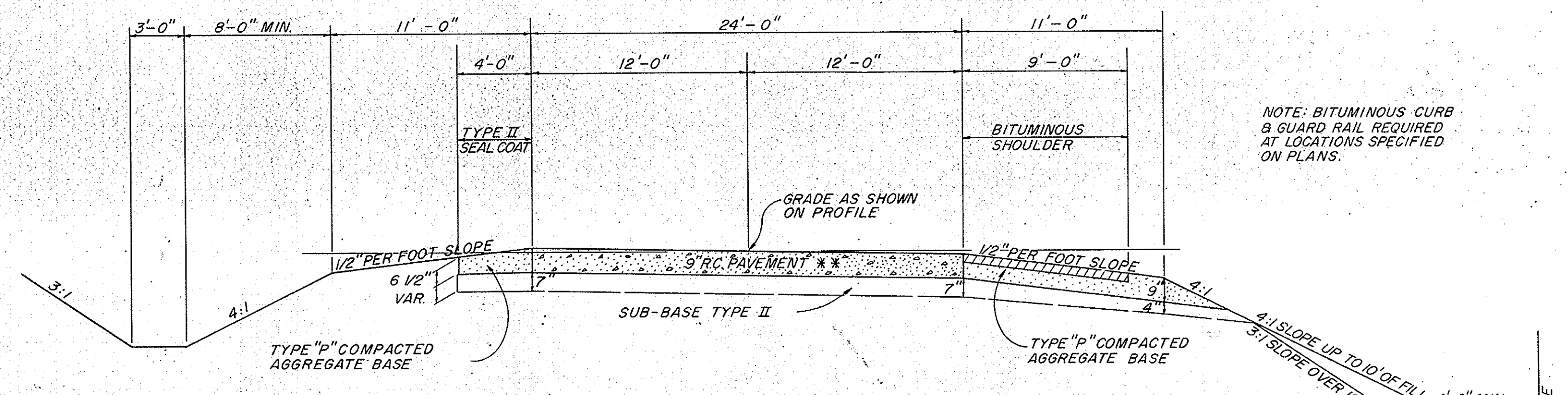
ON 3° CURVES RIGHT
LINE "GL" P.R.
STA. 175+94.19 TO STA. 198+23.71



ON TANGENT
LINE "GR" P.R.
STA. 180+00.57 TO STA. 196+48.39

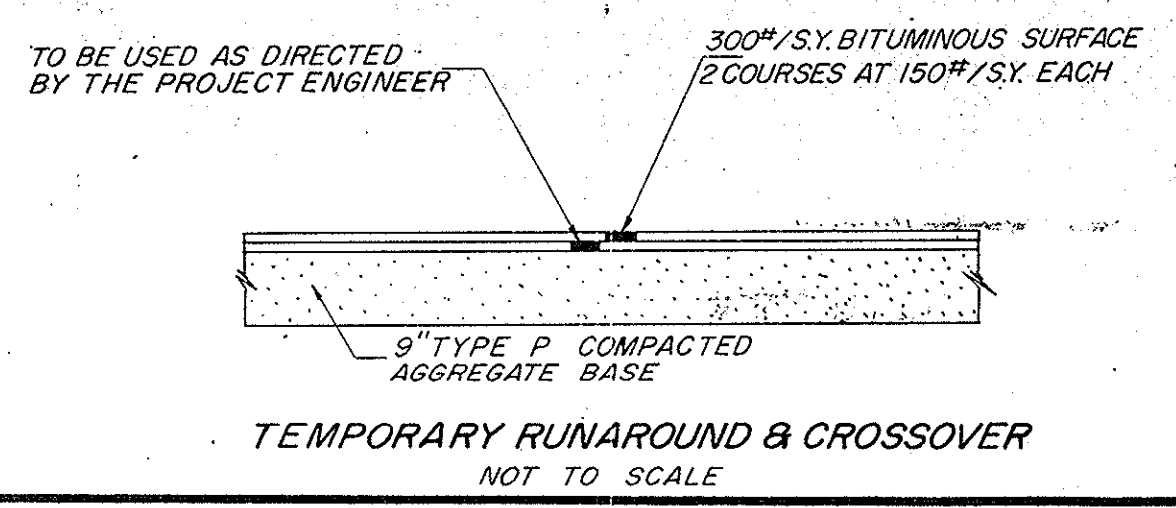


ON 3° CURVES LEFT
LINE "GL" P.R.
STA. 198+23.71 TO STA. 211+82.33

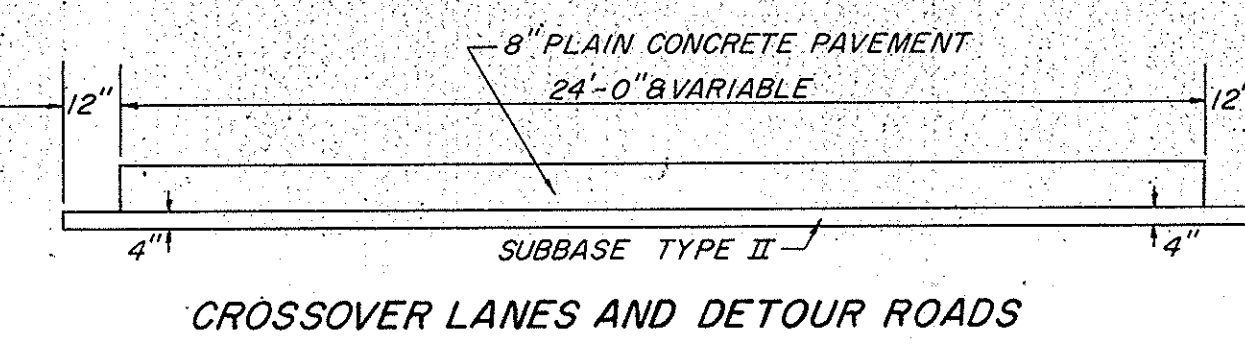


ON 2° CURVES RIGHT
LINE "GR" P.R.
STA. 164+98.86 TO STA. 180+00.57

NOTE: BITUMINOUS CURB & GUARD RAIL REQUIRED AT LOCATIONS SPECIFIED ON PLANS.



TEMPORARY RUNAROUND & CROSSOVER
NOT TO SCALE



CROSSOVER LANES AND DETOUR ROADS

TYPICAL CROSS SECTIONS

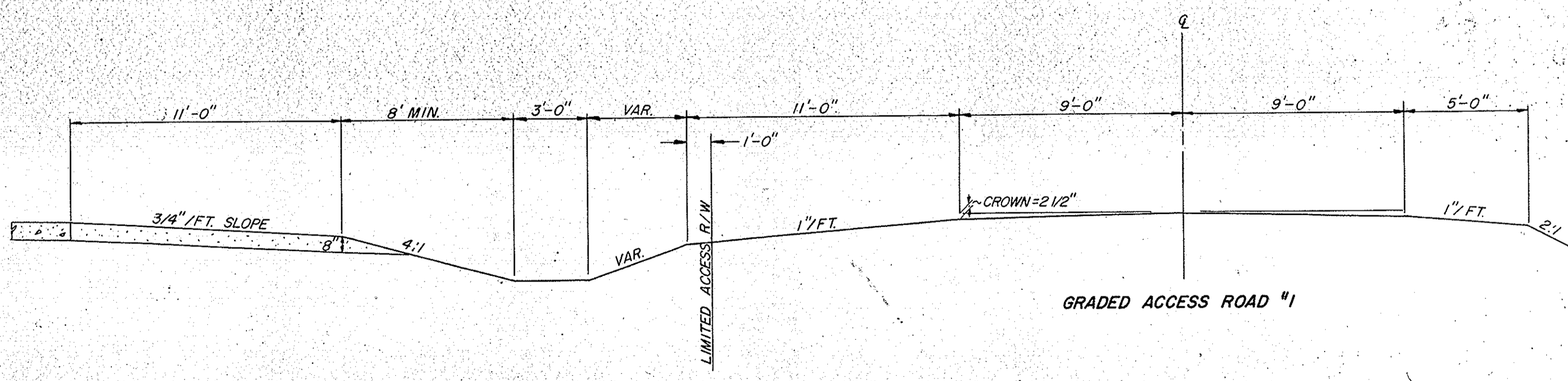
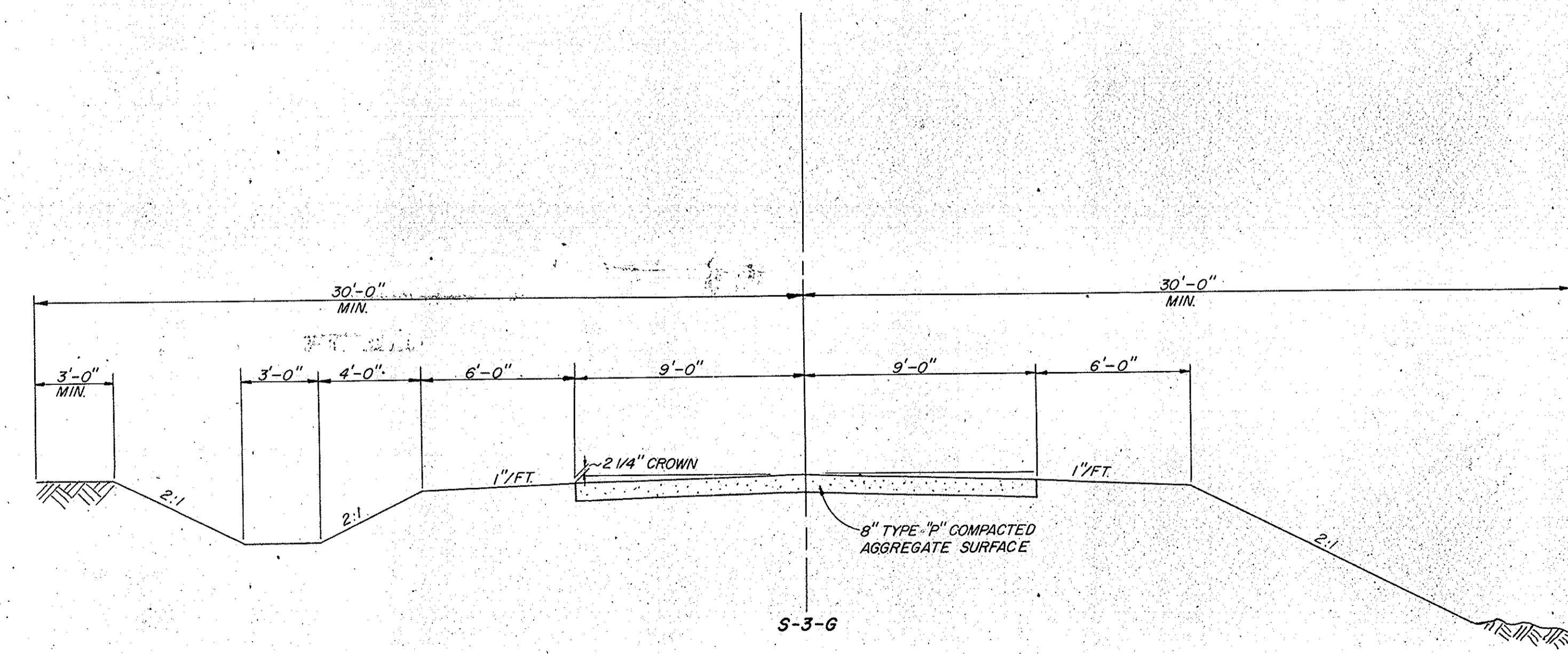
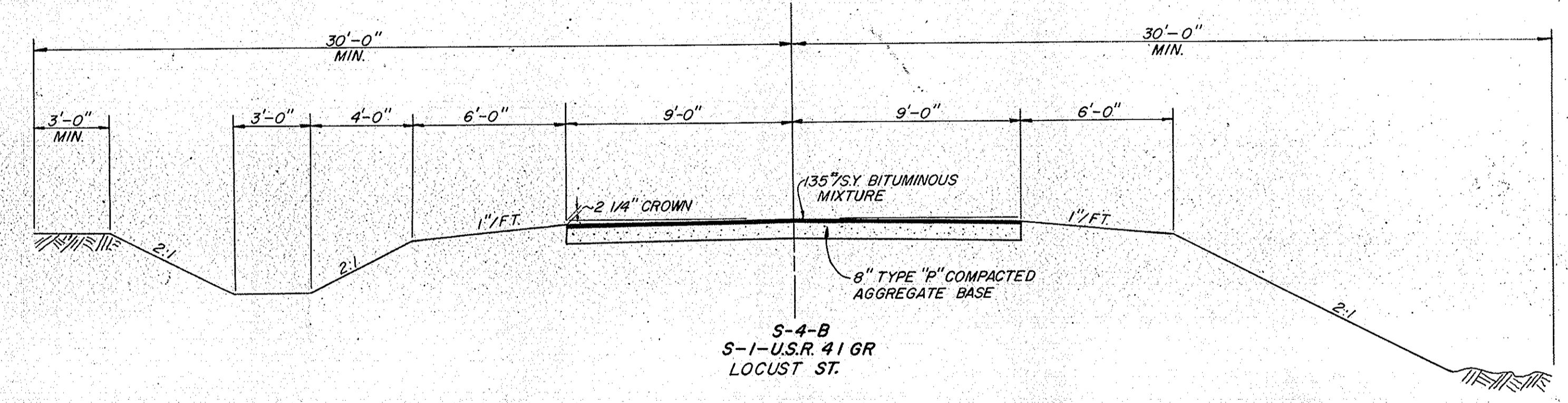
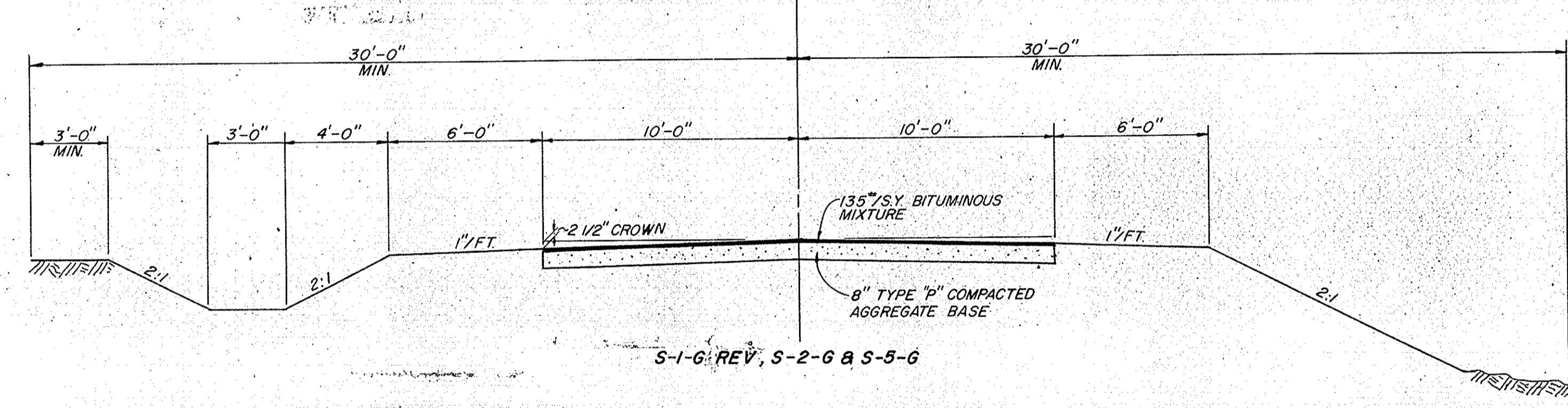
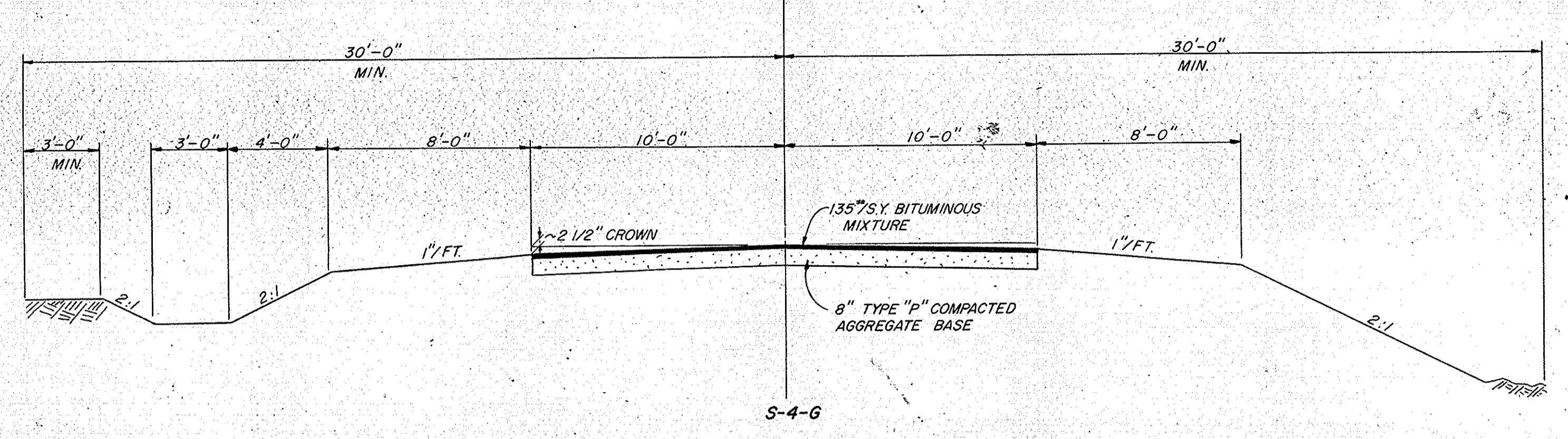
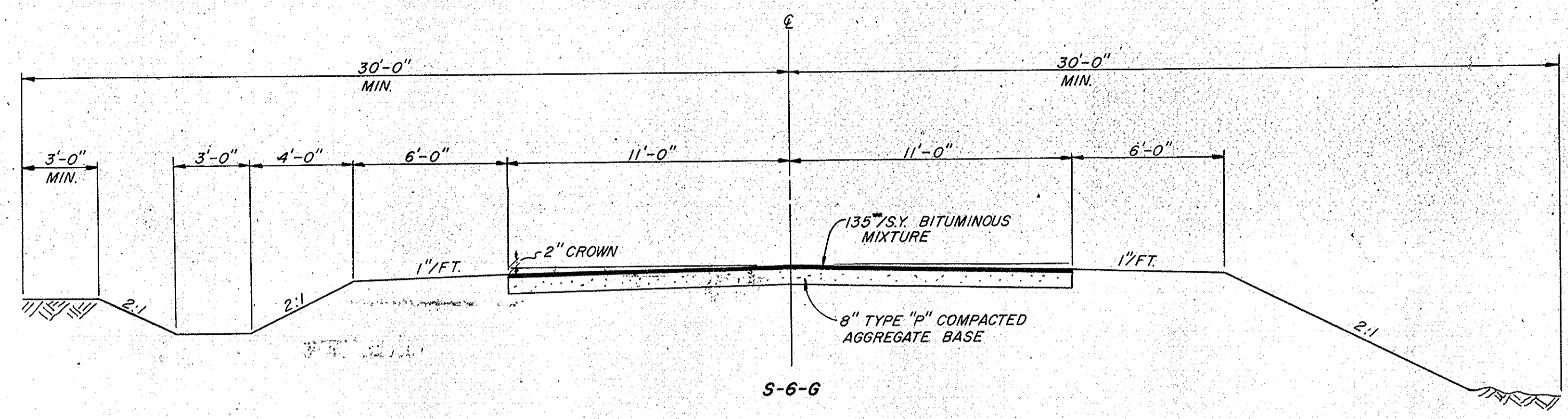
SCALE: 3/16" = 1'-0" HORIZONTAL
3/8" = 1'-0" VERTICAL

RECOMMENDED FOR APPROVAL _____

ENGINEER OF ROAD DESIGN, INDIANA STATE HIGHWAY COMMISSION

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
F-69(60)	G	A		

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-69(60)	1966	5	



TYPICAL CROSS SECTIONS

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

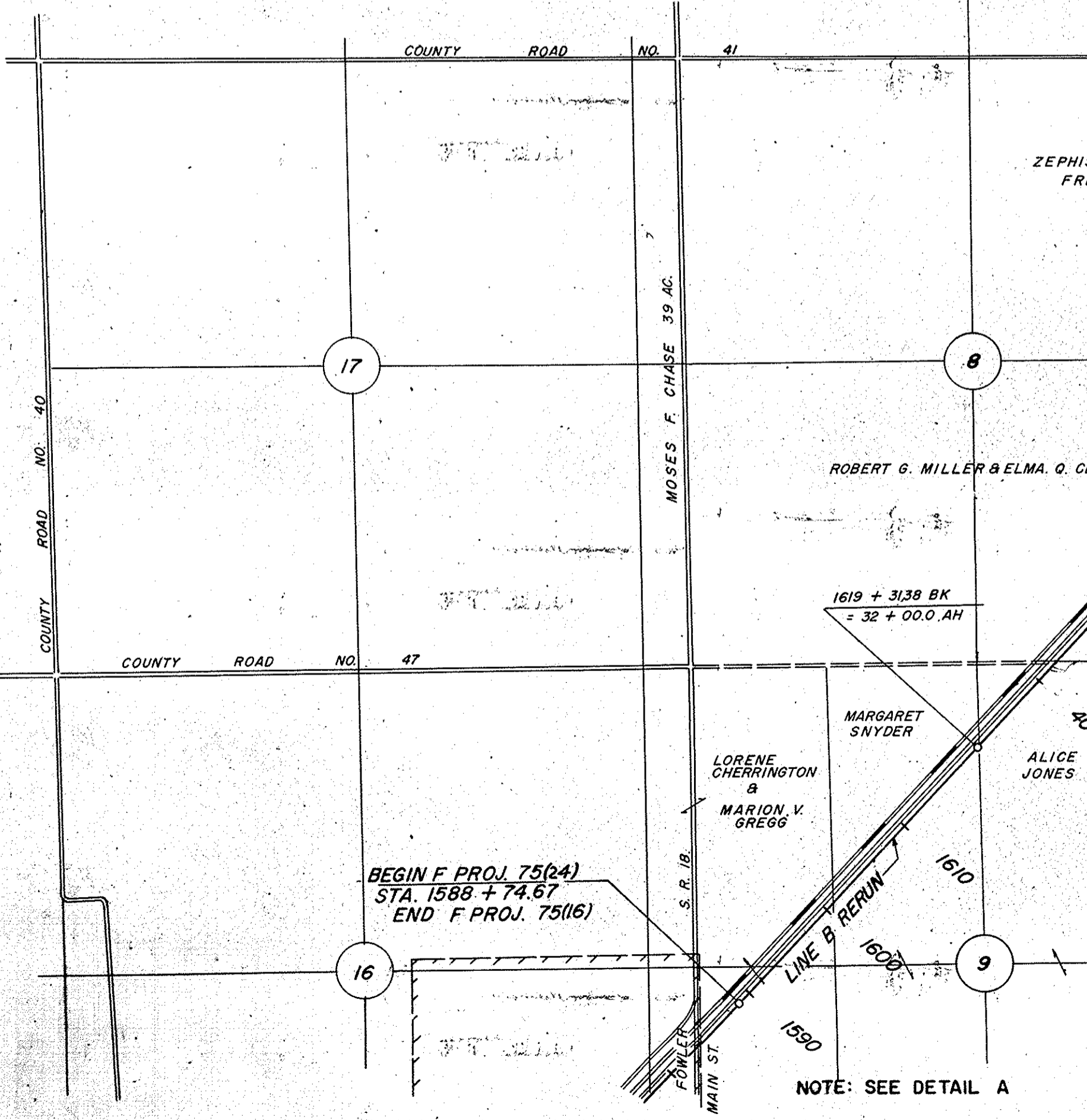
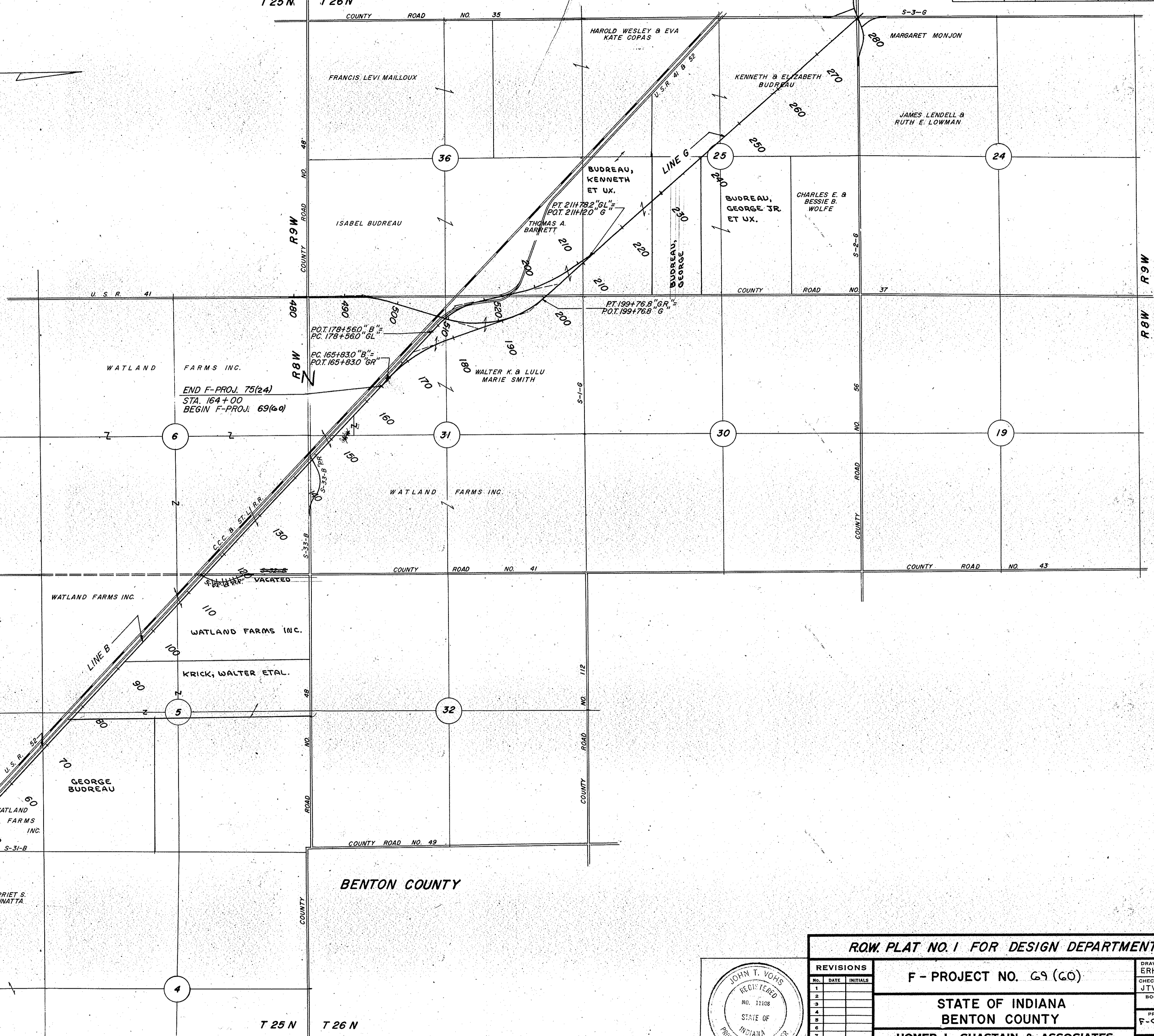
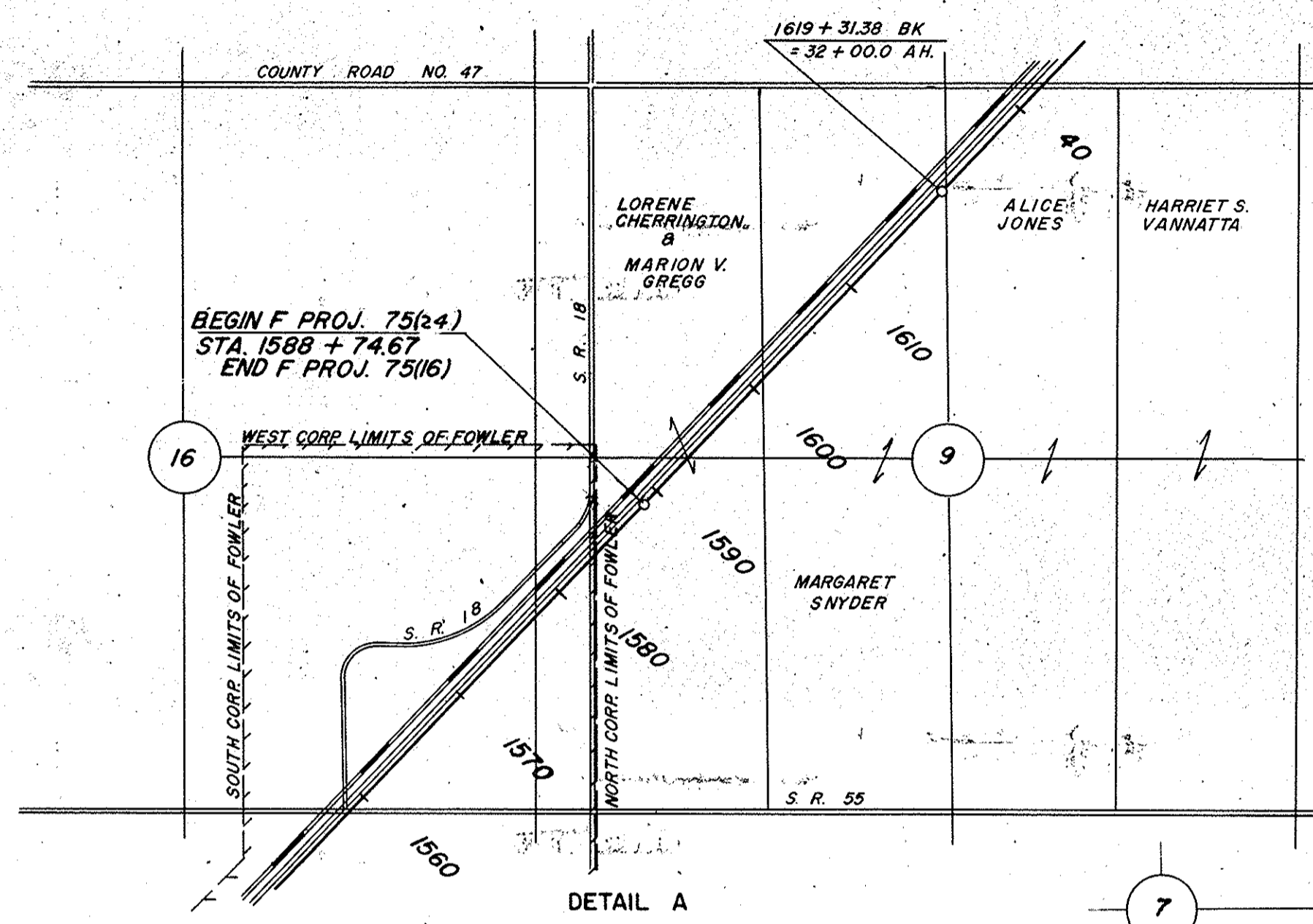
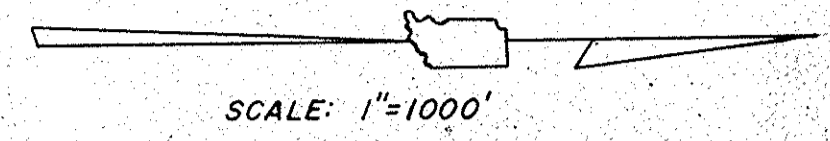
RECOMMENDED FOR APPROVAL _____

ENGINEER OF ROAD DESIGN, INDIANA STATE HIGHWAY COMMISSION

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
F-69(60)	6	5		

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-69 (60)	1966	6	7

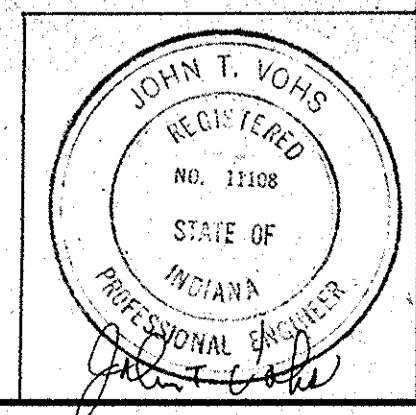
T 25 N T 26 N



NOTE: SEE DETAIL A

T 25 N T 26 N

BENTON COUNTY



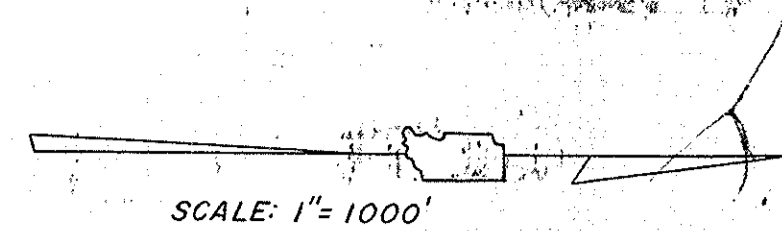
REVISIONS			DRAWN BY DATE	
No.	DATE	INITIALS	ERH	1-64
1			CHECKED BY DATE	JTV 2-64
2			BOOK NUMBER	
3			PROJECT NO.	F-69 (60)
4			SHEET NO.	6
5				
6				
7				
8				
9				
10				

R.O.W. PLAT NO. 1 FOR DESIGN DEPARTMENT

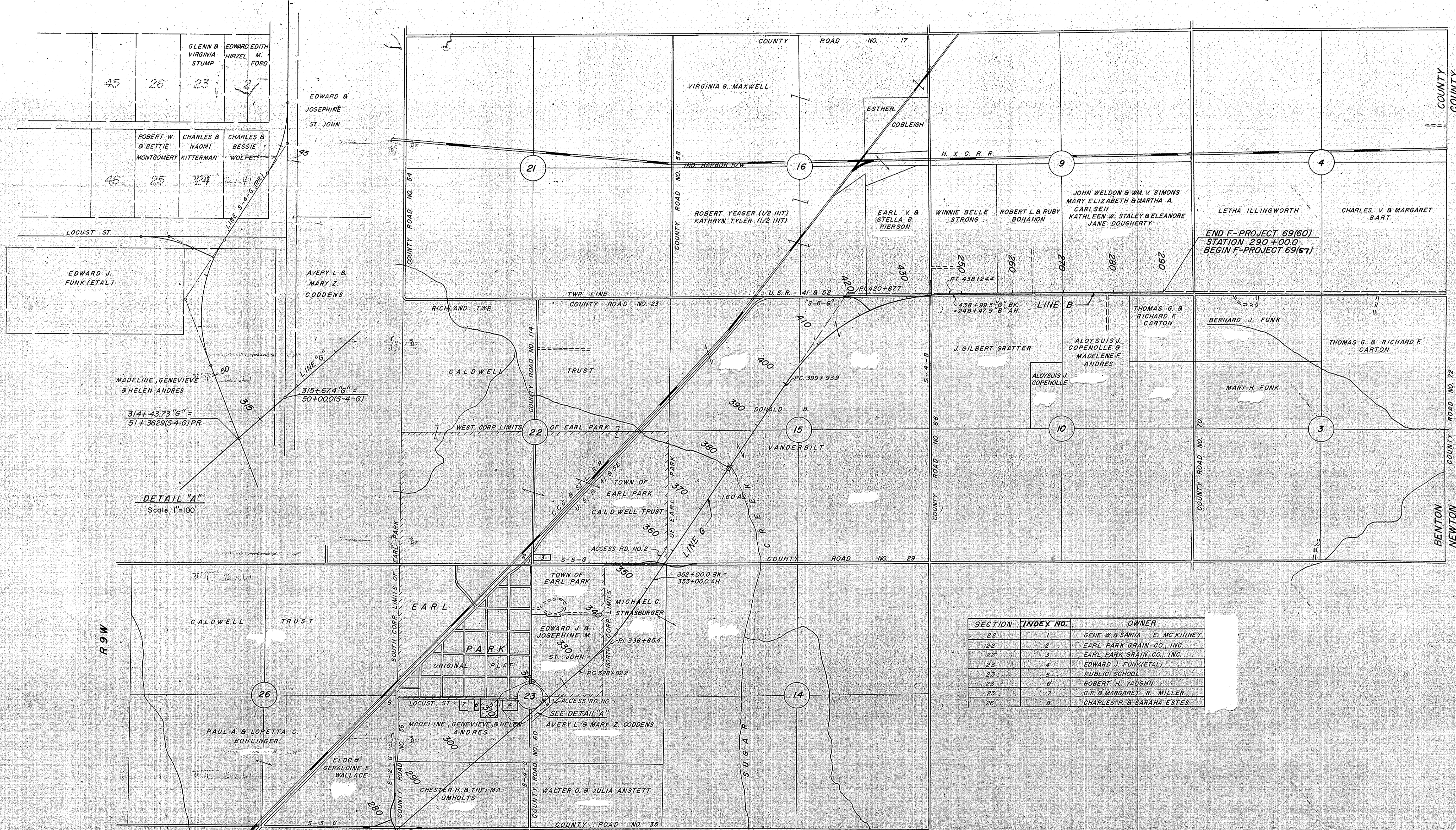
F - PROJECT NO. 69 (60)

STATE OF INDIANA
BENTON COUNTY

HOMER L. CHASTAIN & ASSOCIATES
CONSULTING ENGINEERS
TERRE HAUTE, INDIANA



T 26 N



SECTION	INDEX NO.	OWNER
22	1	GENE W. & SARAH E. MCKINNEY
22	2	EARL PARK GRAIN CO., INC.
22	3	EARL PARK GRAIN CO., INC.
23	4	EDWARD J. FUNK(ETAL)
23	5	PUBLIC SCHOOLS
23	6	ROBERT H. VAUGHN
23	7	C.R. & MARGARET R. MILLER
26	8	CHARLES R. & SARAH ESTES

R.O.W. PLAT NO.1 FOR DESIGN DEPARTMENT

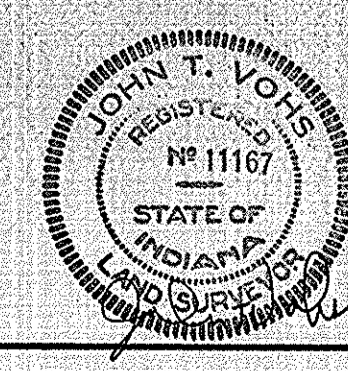
F-PROJECT NO. 69 (60)

STATE OF INDIANA
BENTON COUNTY

HOMER L. CHASTAIN & ASSOCIATES
CONSULTING ENGINEERS
TERRE HAUTE, INDIANA

REVISIONS		
NO.	DATE	INITIALS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

DRAWN BY: DATE	
CHECKED BY: DATE	
BOOK NUMBER	
PROJECT NO.	F-69 (60)
SHEET NO.	7



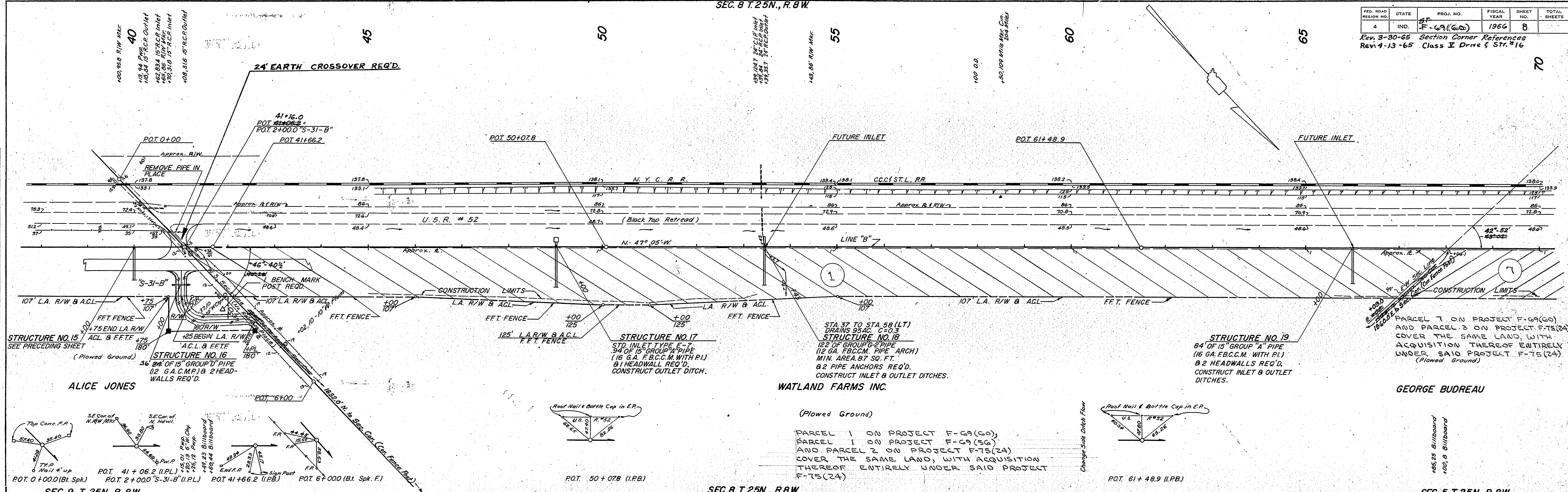
SPECIAL CLASS V DRIVE RT & EARTH CROSSOVER REQD STA 41+00

STATE HIGHWAY DEPARTMENT OF INDIANA SEC. 8 T. 25N., R. 8W

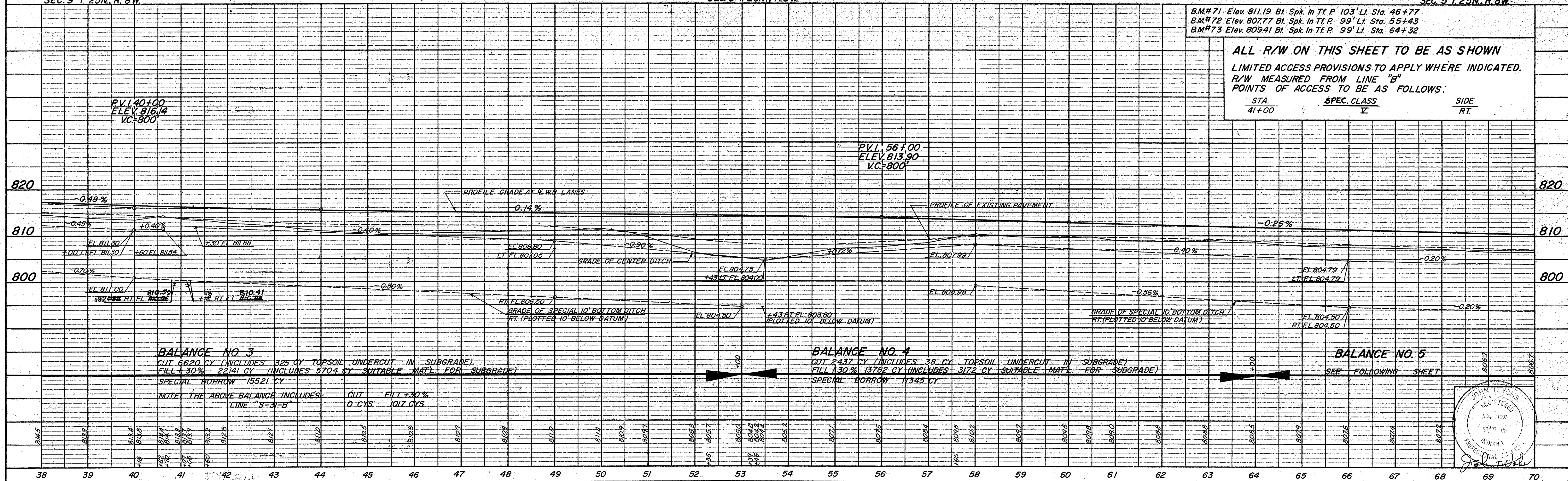
FED. ROAD DISTRICT NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	F-69(60)	1966	8	

Rev. 3-30-65 Section Corner References
Rev. 1-13-65 Class V Drive & Str. #16

DATE	BY	REVISION
12-9-65	J.S.M.C.	PLOTTED
12-9-65	J.S.M.C.	ALIGNMENT CHECKED
12-9-65	J.S.M.C.	RT. OF WAY CHECKED
12-9-65	J.S.M.C.	NO. 5892-7

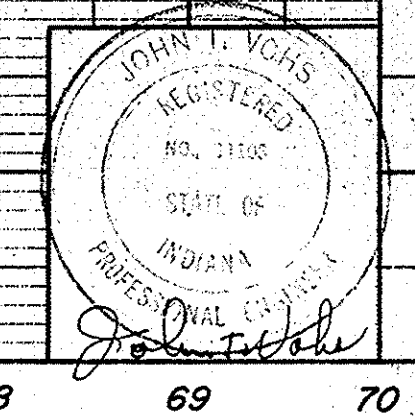


DATE	BY	REVISION
9-2-65	J.S.M.C.	PLOTTED
12-9-65	J.S.M.C.	GRADES CHECKED
12-9-65	J.S.M.C.	STRUCTURE NOTATIONS CHD.
12-9-65	J.S.M.C.	NO. 5892-7



ALL R/W ON THIS SHEET TO BE AS SHOWN
LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.
R/W MEASURED FROM LINE "B"
POINTS OF ACCESS TO BE AS FOLLOWS:

STA	SPEC. CLASS	SIDE
41+00	V	RT.



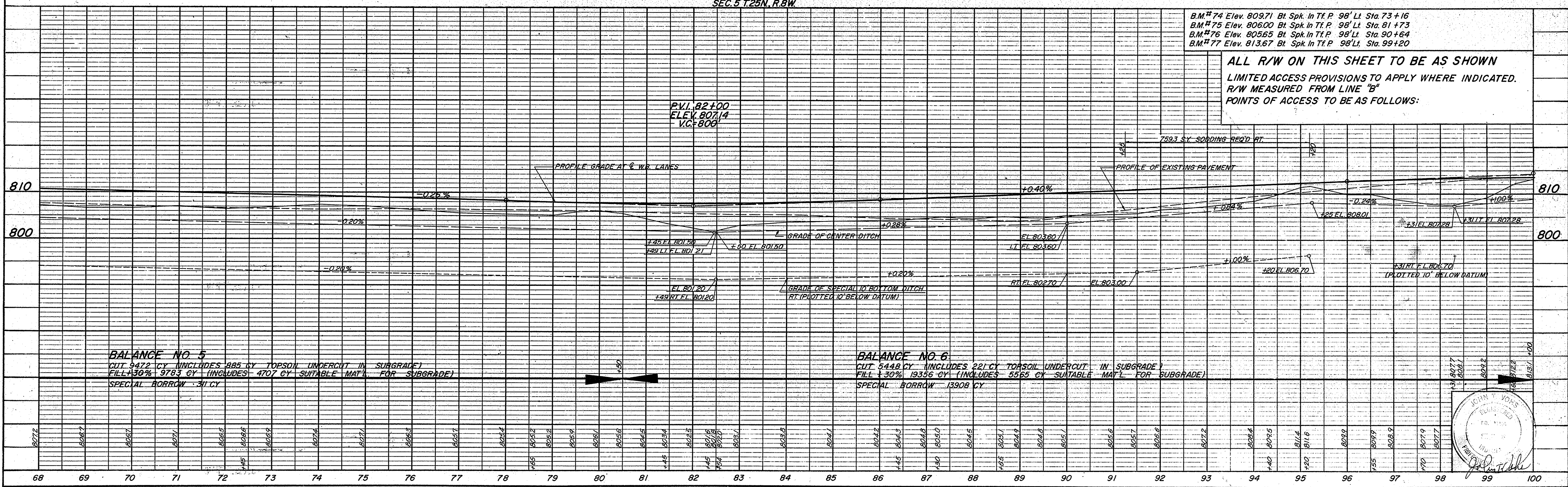
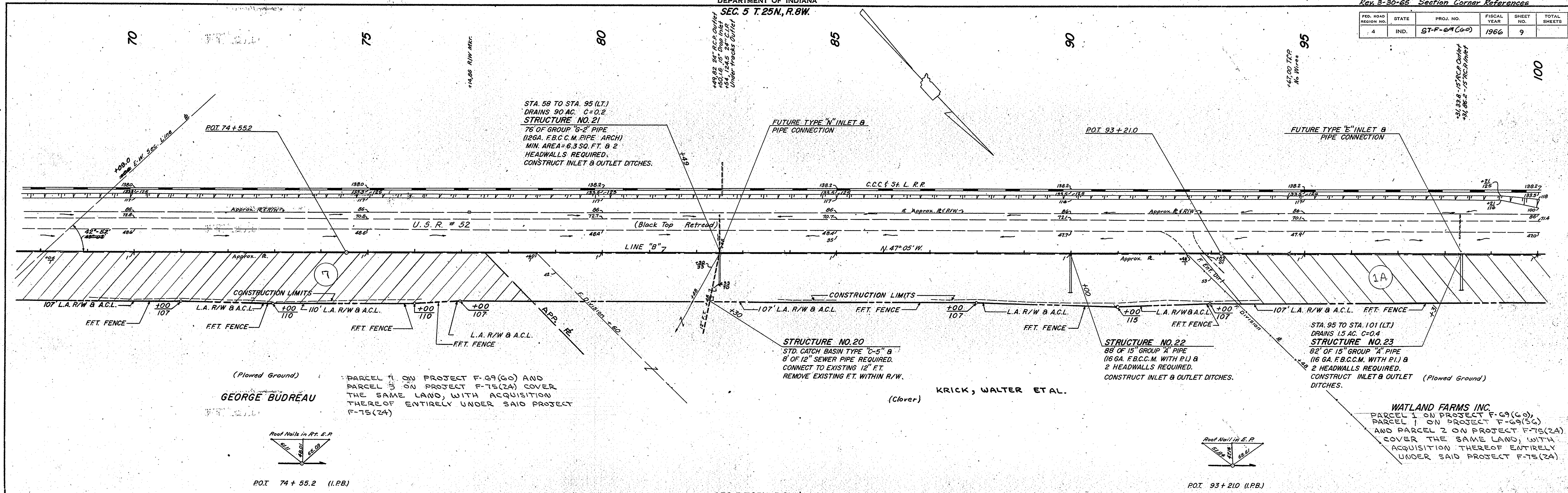
STATE HIGHWAY
DEPARTMENT OF INDIANA
SEC. 5 T.25N, R.8W.

Rev. 3-30-65 Section Corner References

FED. ROAD REGION NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-69(60)	1966	9	

DATE	BY
9-2-62	J.S.M.C.
12-9-63	J.S.M.C.
12-9-63	J.S.M.C.
12-9-63	J.S.M.C.
12-9-63	J.S.M.C.
12-9-63	J.S.M.C.

DATE	BY
9-2-62	J.S.M.C.
12-9-63	J.S.M.C.
12-9-63	J.S.M.C.
12-9-63	J.S.M.C.
12-9-63	J.S.M.C.
12-9-63	J.S.M.C.

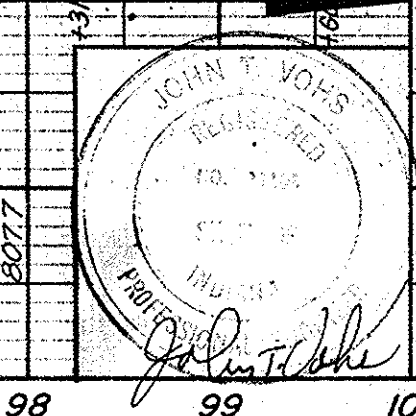


B.M.#74 Elev. 809.71 Bt. Spk. In Tr. P. 98' Lt. Sta. 73+16
B.M.#75 Elev. 806.00 Bt. Spk. In Tr. P. 98' Lt. Sta. 81+73
B.M.#76 Elev. 805.65 Bt. Spk. In Tr. P. 98' Lt. Sta. 90+64
B.M.#77 Elev. 813.67 Bt. Spk. In Tr. P. 98' Lt. Sta. 99+20

ALL R/W ON THIS SHEET TO BE AS SHOWN
LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.
R/W MEASURED FROM LINE "B"
POINTS OF ACCESS TO BE AS FOLLOWS:

BALANCE NO. 5
CUT 9472 CY (INCLUDES 885 CY TOPSOIL UNDERCUT IN SUBGRADE)
FILL 30% 9783 CY (INCLUDES 4707 CY SUITABLE MAT'L. FOR SUBGRADE)
SPECIAL BORROW 311 CY

BALANCE NO. 6
CUT 5448 CY (INCLUDES 221 CY TOPSOIL UNDERCUT IN SUBGRADE)
FILL 30% 19356 CY (INCLUDES 5565 CY SUITABLE MAT'L. FOR SUBGRADE)
SPECIAL BORROW 13908 CY



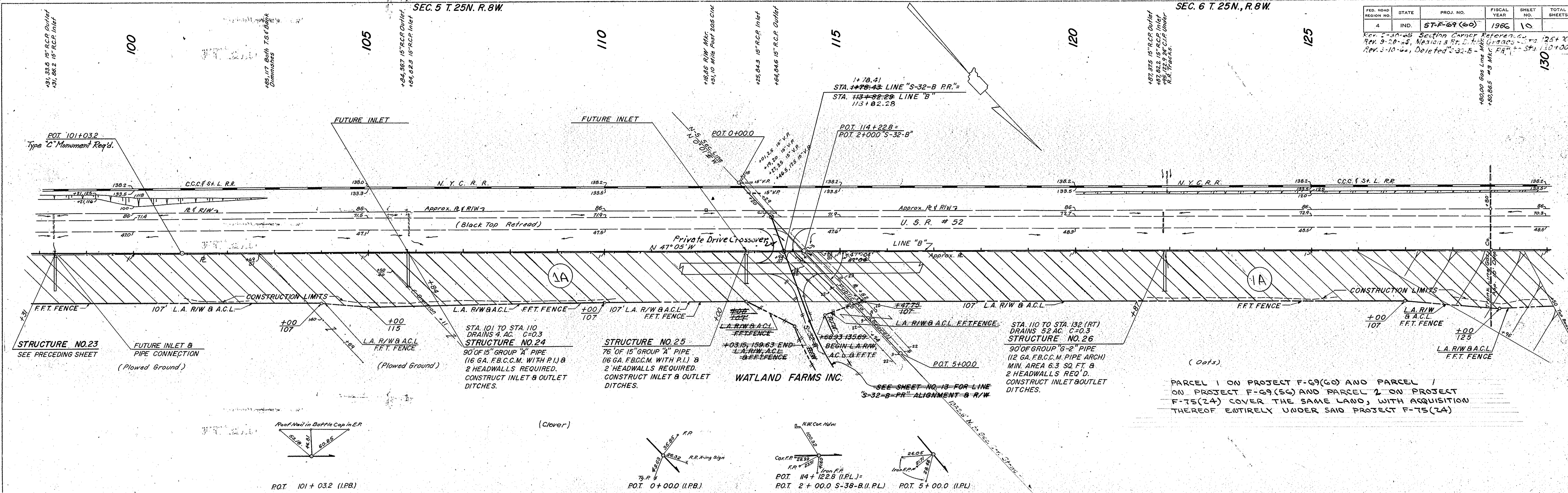
SEC. 5 T. 25N. R. 8W.

SEC. 6 T. 25N. R. 8W.

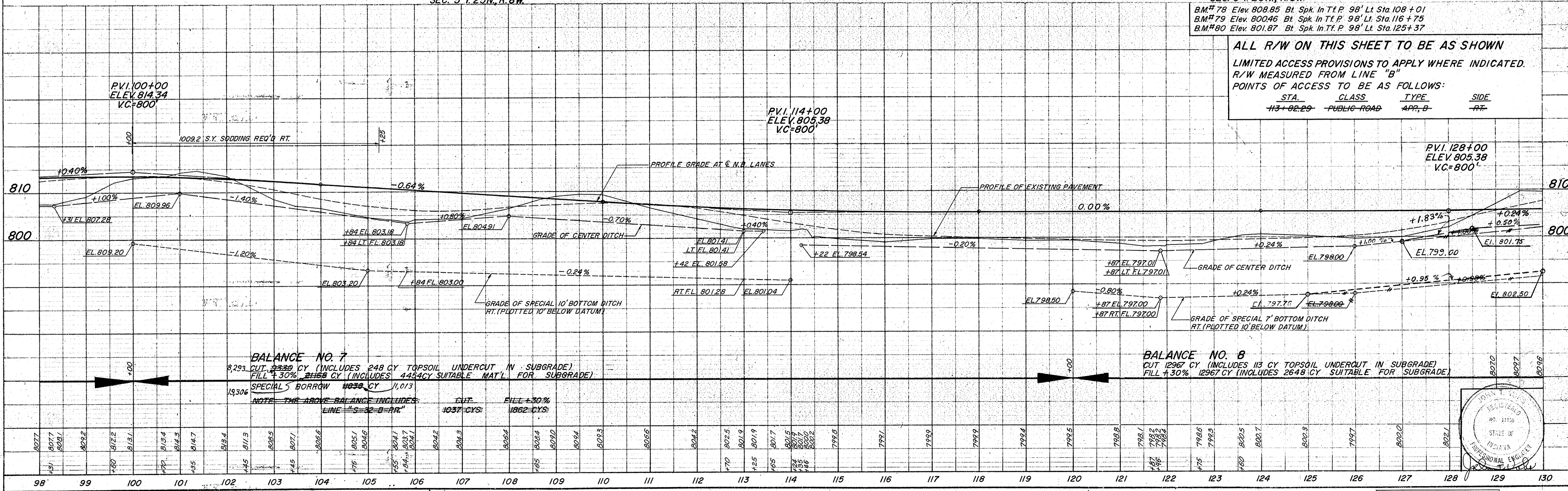
FED. ROAD DISTRICT NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-69(60)	1966	10	130

REV. 1-28-65 Section Corner Reference...
REV. 9-20-65, Revision 8 RT. L.A.S. Grades...
REV. 3-10-66, Deleted 5-32-B...
+80,000 Gas Line Mkt. FR...
+80,865 15" R.C.P. Inlet

DATE	BY	REVISION
12-63	J.S.W.	PLANNING
12-63	J.S.W.	DESIGN
12-63	J.S.W.	CONSTRUCTION
12-64	J.S.W.	AS-BUILT

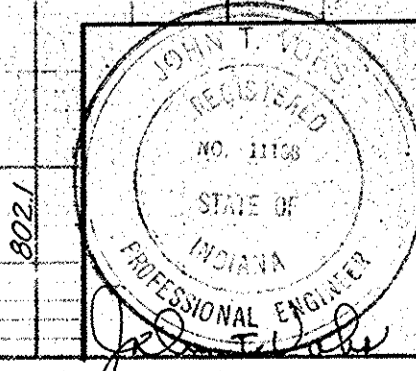


DATE	BY	REVISION
12-63	J.S.W.	PLANNING
12-63	J.S.W.	DESIGN
12-63	J.S.W.	CONSTRUCTION
12-64	J.S.W.	AS-BUILT



ALL R/W ON THIS SHEET TO BE AS SHOWN
 LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.
 R/W MEASURED FROM LINE "B"
 POINTS OF ACCESS TO BE AS FOLLOWS:

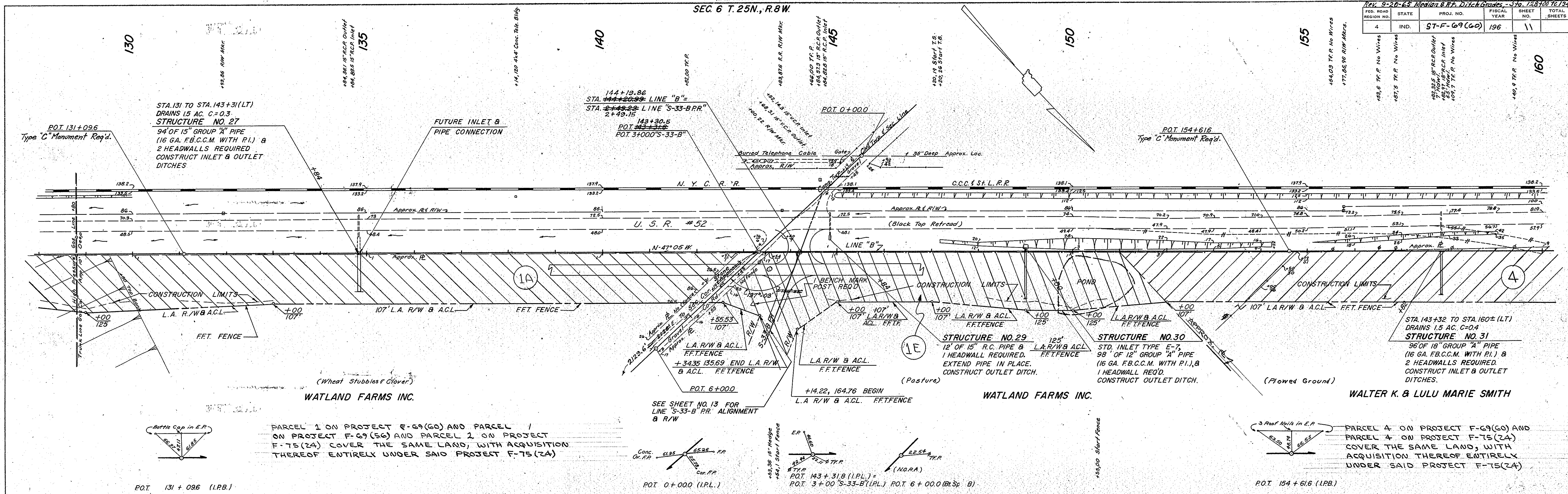
STA.	CLASS	TYPE	SIDE
113+82.29	PUBLIC ROAD	APP. B	RT.



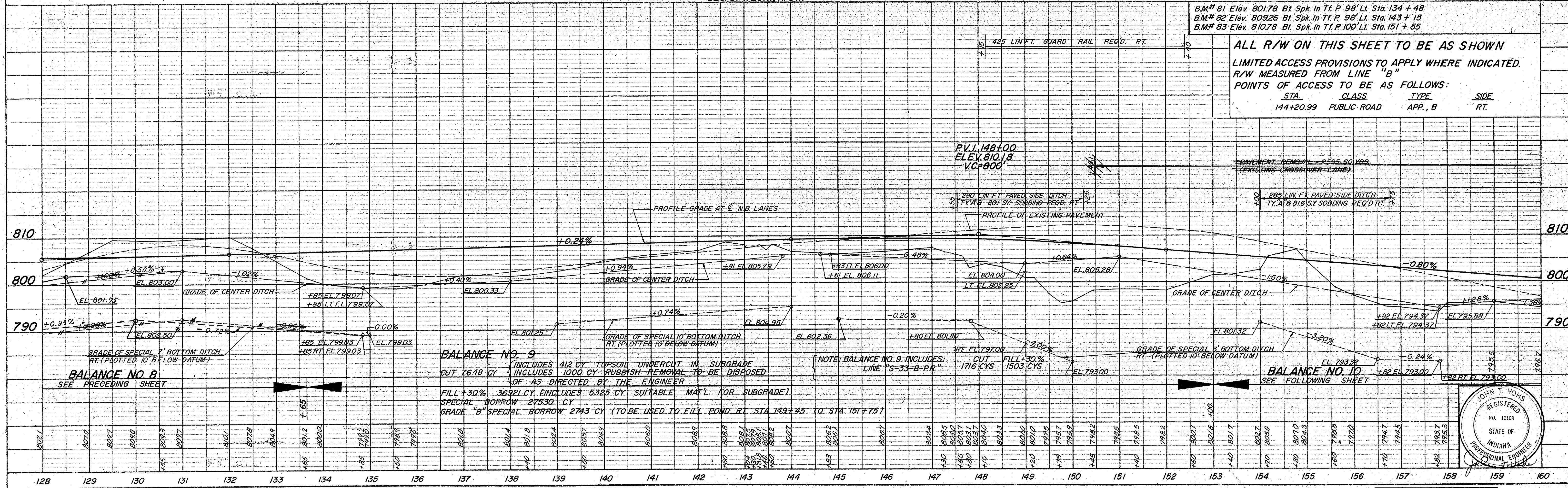
Rev. 12-10-65 Crossover
 Rev. 3-30-65 Section Corner References
 Rev. 9-26-65 Median & RT Ditch Grades - Sta. 128+00 to 159+00

FED. ROAD DISTRICT NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-69(60)	196	11	

DATE	BY	REVISION
9-22	J.S.M.C.	DESIGNED
12-28	J.S.P.	PLOTTED
12-28	J.S.P.	ALIGNED
12-28	J.S.P.	CONSTRUCTION CHECKED
12-28	J.S.P.	AS SHOWN
12-28	J.S.P.	NO. 6927-2

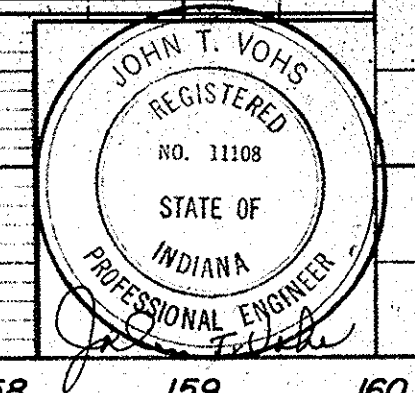


DATE	BY	REVISION
9-22	J.S.M.C.	DESIGNED
12-28	J.S.P.	PLOTTED
12-28	J.S.P.	ALIGNED
12-28	J.S.P.	CONSTRUCTION CHECKED
12-28	J.S.P.	AS SHOWN
12-28	J.S.P.	NO. 6927-2



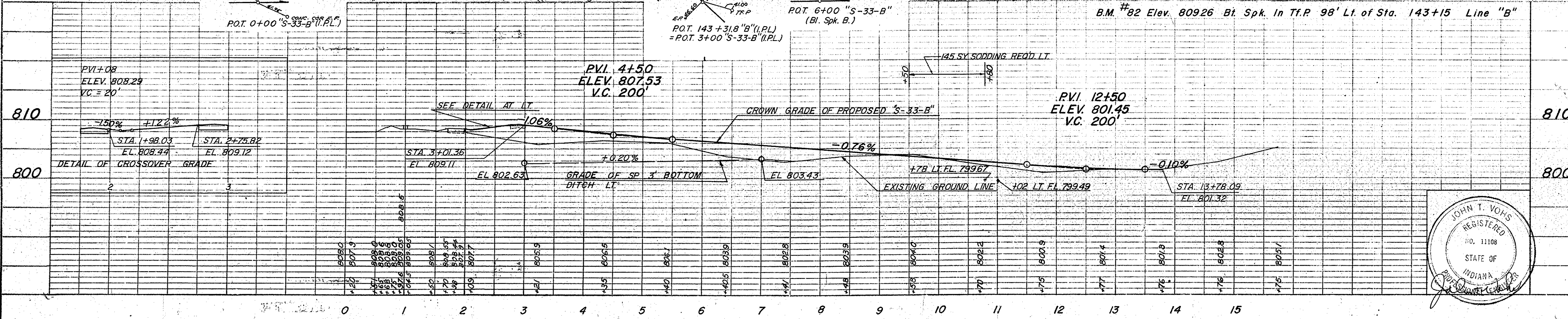
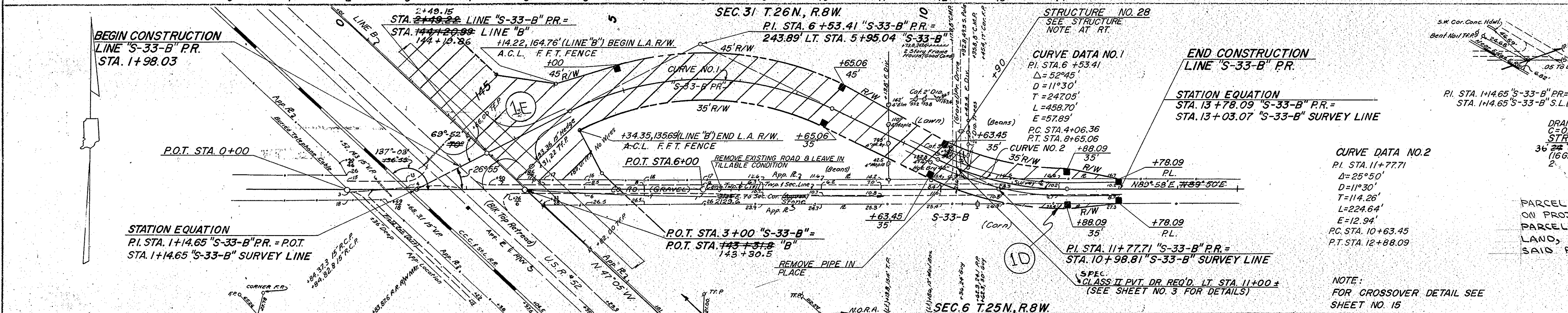
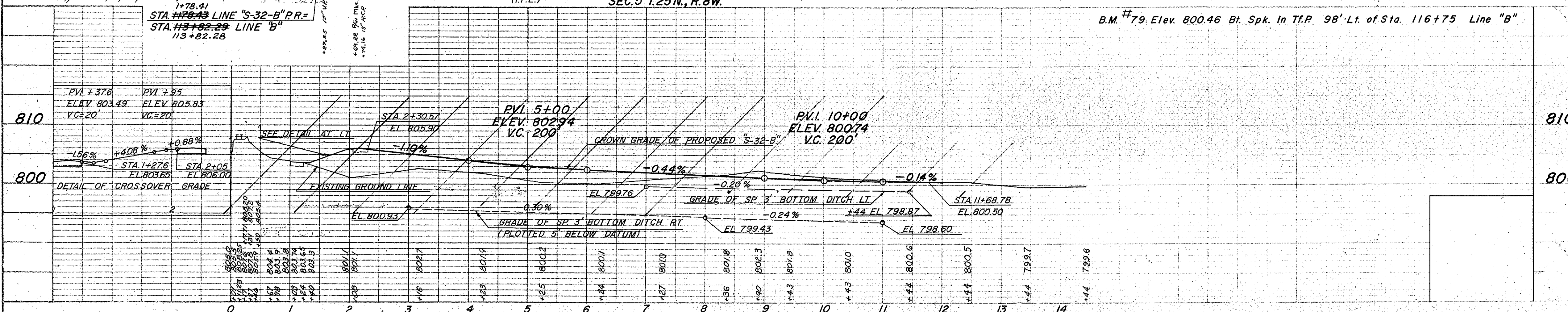
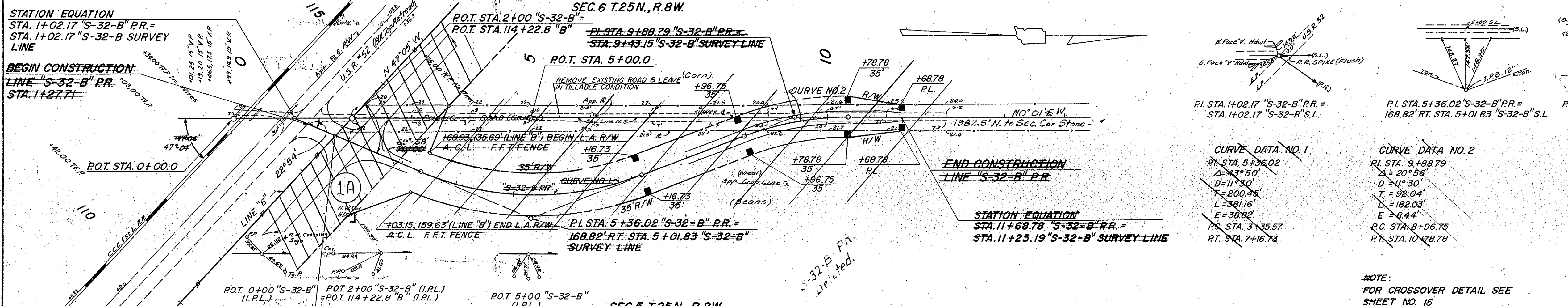
ALL R/W ON THIS SHEET TO BE AS SHOWN
 LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.
 R/W MEASURED FROM LINE "B"
 POINTS OF ACCESS TO BE AS FOLLOWS:

STA.	CLASS	TYPE	SIDE
144+20.99	PUBLIC ROAD	APP. B	RT.



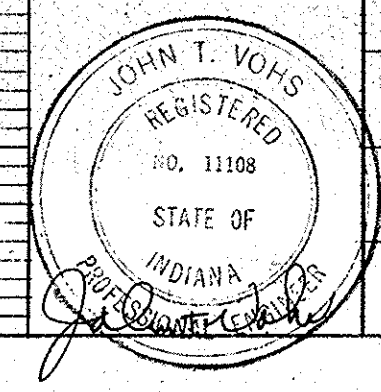
FED. ROAD REGION NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND	ST-F-69(60)	196	12	

Ac. 3-30-65 Section 28 R.F. 100-500
Rev. 4-13-65 Str. 28 & Cl. I Drive to Spec.
Rev. 3-10-66 Deleted "S-32-5-14"



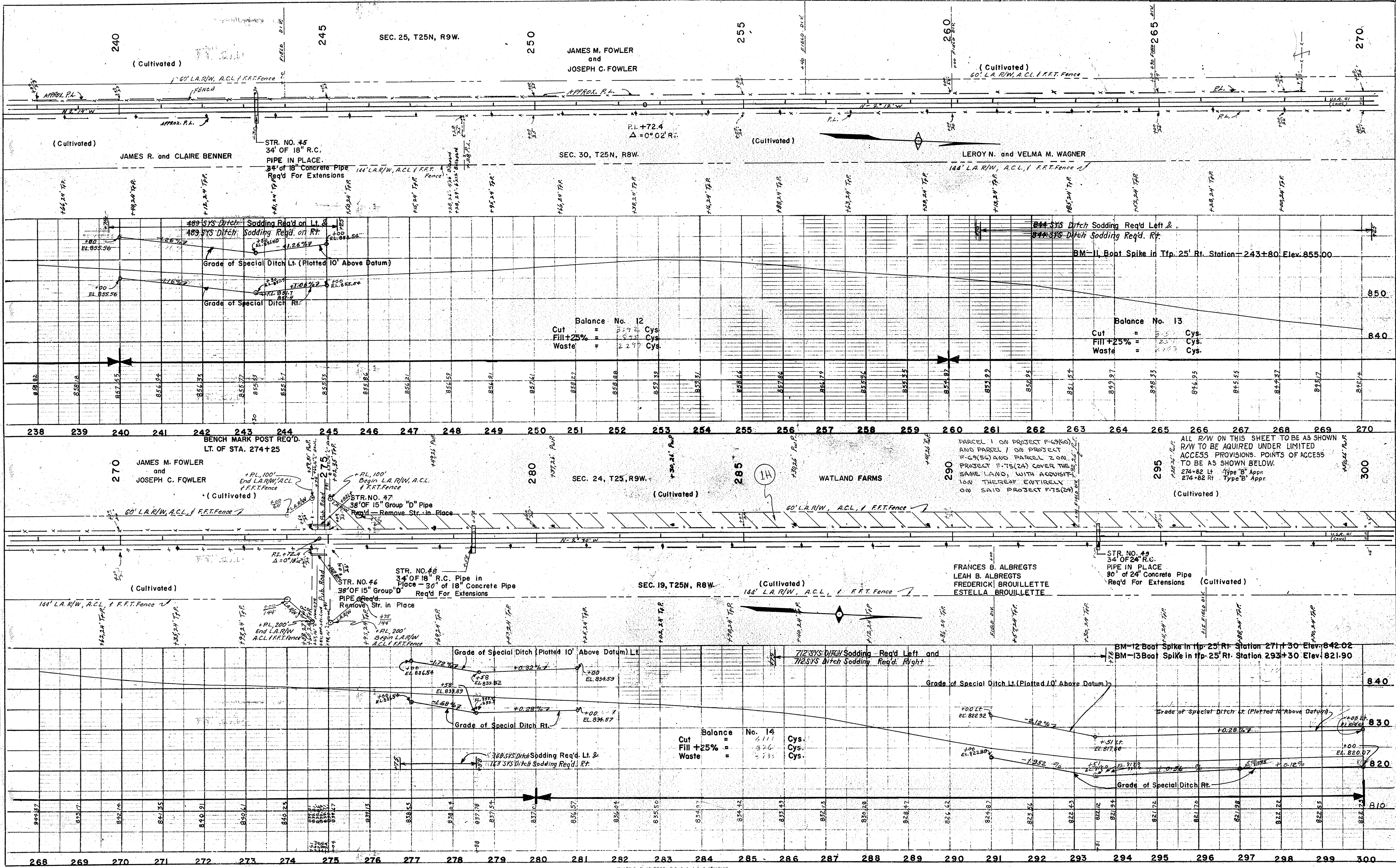
DATE	BY	REVISION
1-6-63	L.S.M.C.	PLANNED
3-6-63	L.S.M.C.	PLANNED
7-2-63	L.S.M.C.	PLANNED
12-2-63	L.S.M.C.	PLANNED

DATE	BY	REVISION
1-6-63	L.S.M.C.	PLANNED
3-6-63	L.S.M.C.	PLANNED
7-2-63	L.S.M.C.	PLANNED
12-2-63	L.S.M.C.	PLANNED



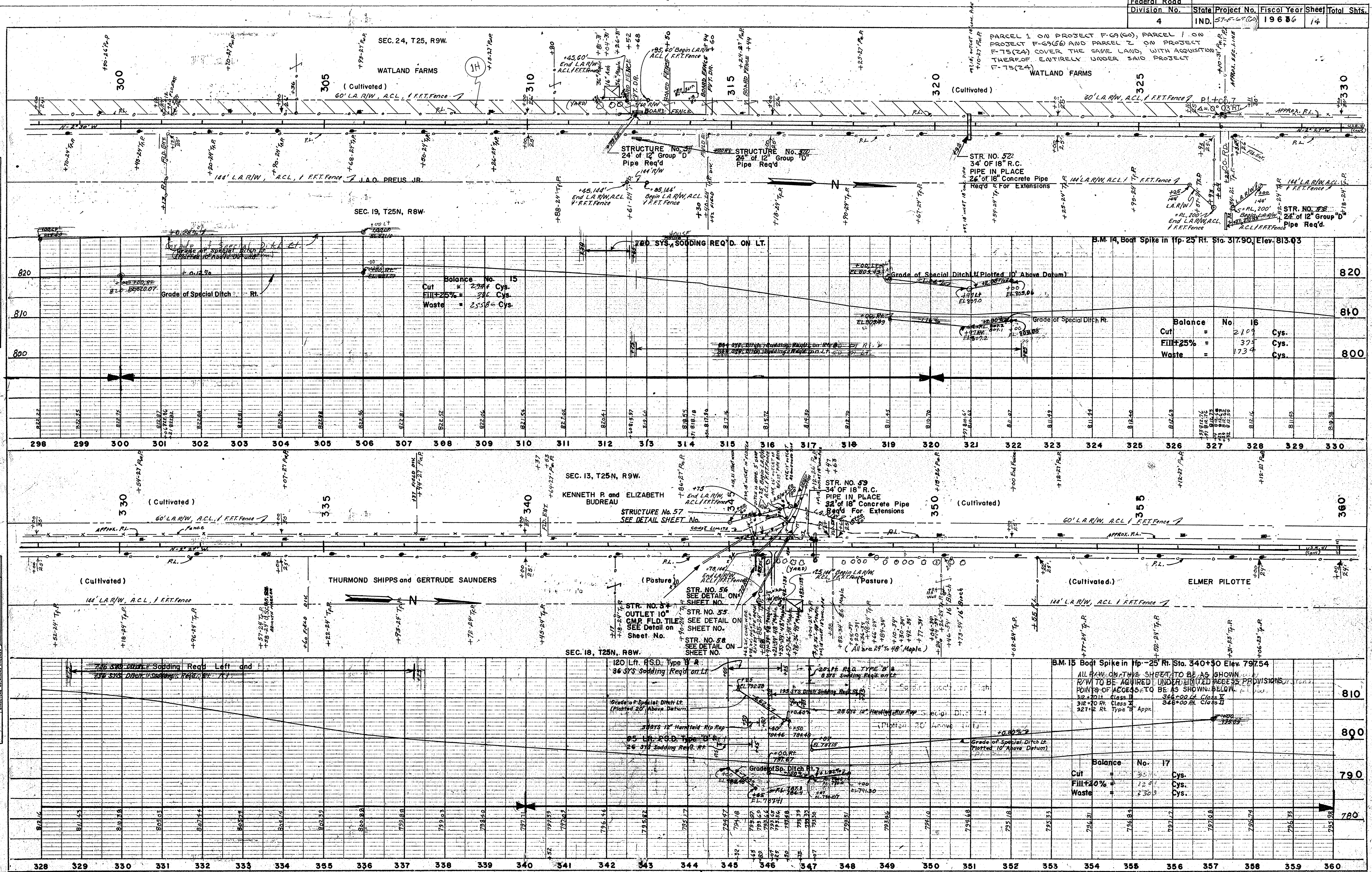
DATE: _____ BY: _____
 SURVEYED: _____
 GRADES CHECKED: _____
 U.S. NOTES: _____
 NO. _____
 SURVEYING EQUIPMENT USED: _____

DATE: _____ BY: _____
 SURVEYED: _____
 GRADES CHECKED: _____
 U.S. NOTES: _____
 NO. _____
 SURVEYING EQUIPMENT USED: _____



PLAN SHEET
 NOTED
 NOTE BOOK
 NO. 101
 CHECKED
 BY
 DATE

PROFILE SHEET
 NOTED
 NOTE BOOK
 NO. 101
 CHECKED
 BY
 DATE

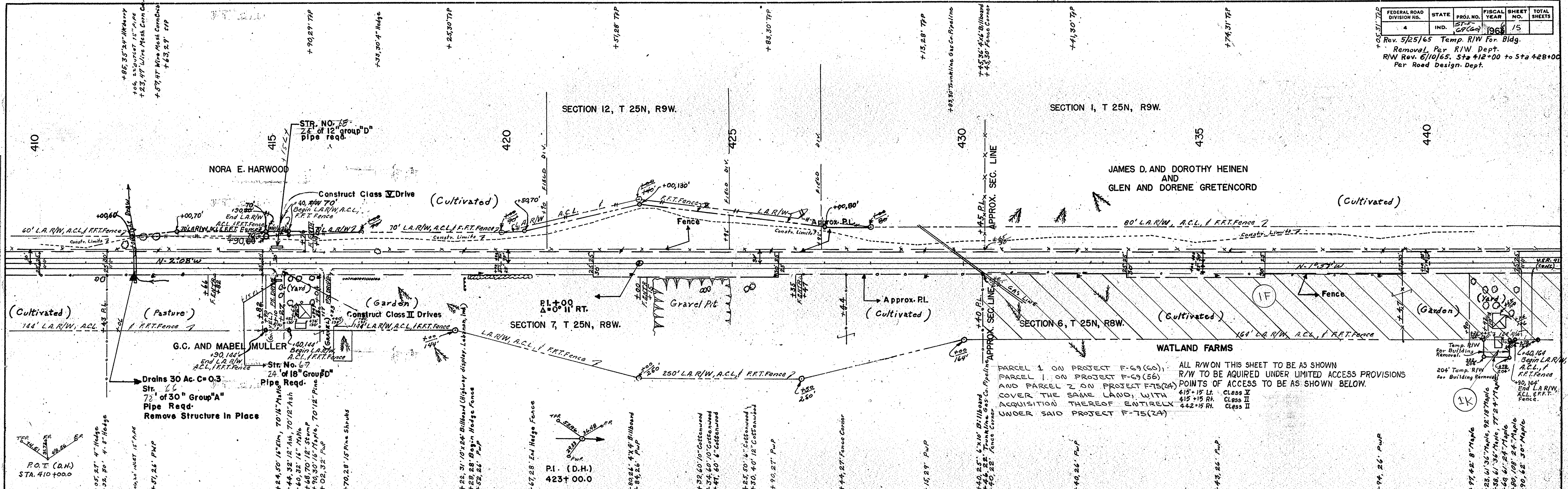


1 Monument Type 1
Revised 11/30/45

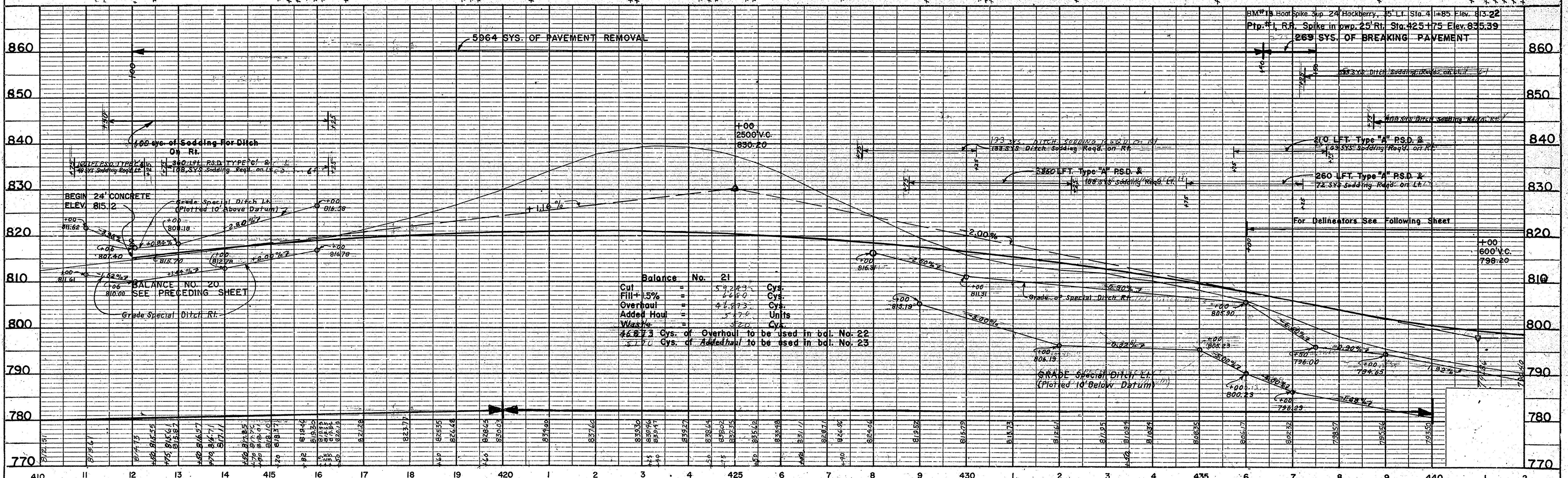
FEDERAL ROAD DIVISION NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	69(6)	1965	15	

Rev. 5/25/65 Temp. R/W for Bldg.
Removal, Per R/W Dept.
R/W Rev. 6/10/65, Sta 412+00 to Sta 428+00
Per Road Design Dept.

PLAN	DATE
REVISIONS NOTED ALIGNED CHECKED RT. OF WAY CHECKED	



PROFILE	DATE
REVISIONS NOTED GRADES CHECKED B. & S. NOTED STRUCTURE NOTING CORNO.	

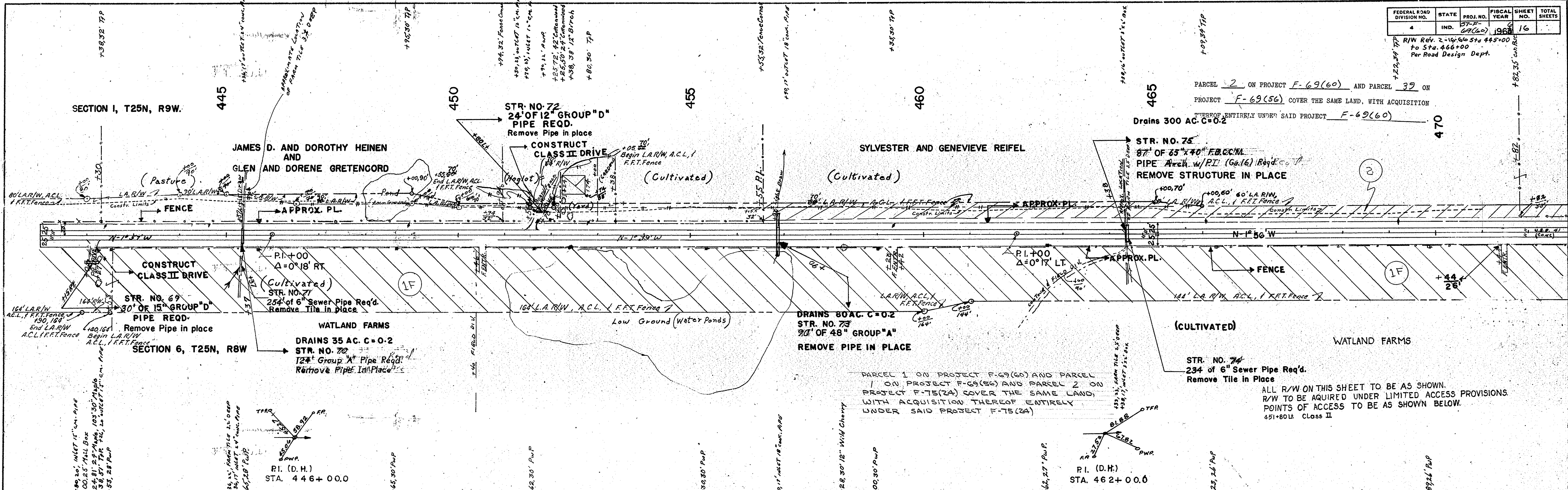


PROJ. LINE	SHEET	FILE
69(6)	15	

FEDERAL ROAD DIVISION NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	57-F-69(60)	1968	16	

PARCEL 2 ON PROJECT F-69(60) AND PARCEL 39 ON PROJECT F-69(56) COVER THE SAME LAND, WITH ACQUISITION THEREOF ENTIRELY UNDER SAID PROJECT F-69(60)
Drains 300 AC. C=0.2

R/W Rev. 2-16-64 Sta 445+00 to Sta. 466+00 Per Road Design Dept.

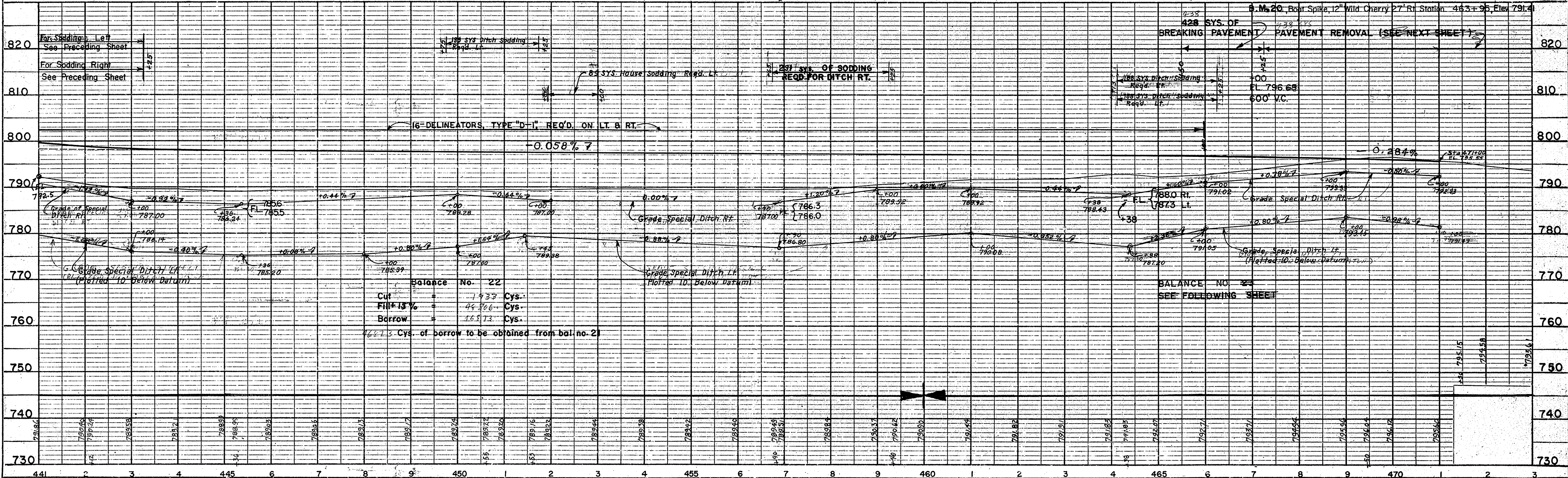


PARCEL 1 ON PROJECT F-69(60) AND PARCEL 1 ON PROJECT F-75(24) COVER THE SAME LAND, WITH ACQUISITION THEREOF ENTIRELY UNDER SAID PROJECT F-75(24)

ALL R/W ON THIS SHEET TO BE AS SHOWN. R/W TO BE ACQUIRED UNDER LIMITED ACCESS PROVISIONS. POINTS OF ACCESS TO BE AS SHOWN BELOW. 451+80 L. Class II

DATE	BY	REVISION

DATE	BY	REVISION



Balance No. 22

Cut	1939	Cys.
Fill	45706	Cys.
Borrow	16573	Cys.

16573 Cys. of borrow to be obtained from bal. no. 21

BALANCE NO. 22
SEE FOLLOWING SHEET

SECTION 1, T25N, R9W
PARISH GROVE TWP.

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-69(60)	1966	17	

GENERAL NOTES

STANDARD CROSS SECTION E-II-R ADOPTED (OR REVISED) 4-7-64 AS SHOWN ON SHEET NO. 2 TO BE USED ON THIS PROJECT.

TYPICAL CROSS SECTIONS AS SHOWN ON SHEET NOS. 2-4 TO BE USED ON THIS PROJECT.

STATE HIGHWAY COMMISSION OF INDIANA STANDARDS SPECIFICATIONS DATED 1963 TO BE USED WITH THESE PLANS.

STANDARDS UNDER DATES AS LISTED IN INDEX ON TITLE SHEET TO BE USED ON THIS PROJECT.

GRADE LINE AS SHOWN ON PROFILE REPRESENTS TOP OF FINISHED SURFACE OR AS INDICATED ON THE STANDARD OR TYPICAL CROSS SECTIONS.

CURVES OF 0° 45' OR MORE SHALL BE SUPERELEVATED ACCORDING TO THE STANDARDS OF JANUARY, 1961.

ALL DITCHES OF 1% AND OVER SHALL BE SODDED EXCEPT WHERE PAVED SIDE DITCH IS TO BE CONSTRUCTED.

ALL DITCHES OF 3% AND OVER SHALL BE PAVED.

SODDING SHALL BE PLACED ALONG PAVED SIDE DITCH AS SHOWN ON MISCELLANEOUS STANDARDS SHEET "E".

ALL SHOULDERS CUT AND FILL SLOPES SHALL BE MULCHED SEEDED EXCEPT WHERE SODDING IS SPECIFIED.

SODDED BACKSLOPES SHALL BE CONSTRUCTED IN ACCORDANCE WITH MISCELLANEOUS STANDARDS SHEET "B".

SUB-SURFACE DRAINS SHALL BE CONSTRUCTED AT LOCATIONS SPECIFIED ON DETAIL SHEET NO. "I" AND IN ACCORDANCE WITH DETAILS SHOWN ON MISCELLANEOUS STANDARDS SHEET "N" AND PLAN SHEET NO. 37.

WHERE F.B.C.C.M. PIPE IS SPECIFIED IN THESE PLANS, THIS SHALL BE INTERPRETED AS MEANING, "F.B.C.C.M. PIPE WITH PAVED INVERT".

SEE MISCELLANEOUS STANDARDS SHEET "D" AND "P-1" FOR KINDS OF PIPE PERMITTED FOR EACH SIZE AND CLASSIFICATION AS SHOWN IN STRUCTURE NOTES.

QUANTITIES FOR HEADWALLS ARE BASED ON USING PIPE CULVERT HEADWALLS FOR RETAINING 3:1 SLOPES AND PRIVATE ENTRANCE HEADWALLS FOR RETAINING 4:1 SLOPES.

THE CONTRACTOR MUST ACCEPT THE FOLLOWING PLAN QUANTITIES OF SUBBASE THRU THE INTERCHANGE AREA:

LINE	PR	STA	TO STA	TONS
LINE "GR"	PR	164+00	TO STA 196+48.39	TONS
LINE "GL"	PR	175+94.19	TO STA 211+82.33	TONS
LINE "USR 41"	PR	FROM NORTH END OF SEPARATION STRUCTURES OVER TO STA 222+90	LINE "G"	TONS

TOTAL TONS

EARTHWORK QUANTITIES AS SHOWN ON PLAN & PROFILE SHEETS INCLUDE ESTIMATED EARTHWORK QUANTITIES FOR PUBLIC AND PRIVATE DRIVE APPROACHES AS SHOWN ON SHEET NOS. 39-40.

THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE EXISTING ROADWAY SURFACE, BASE AND EMBANKMENT AS INDICATED ON THE PLANS AND AS DIRECTED BY THE ENGINEER.

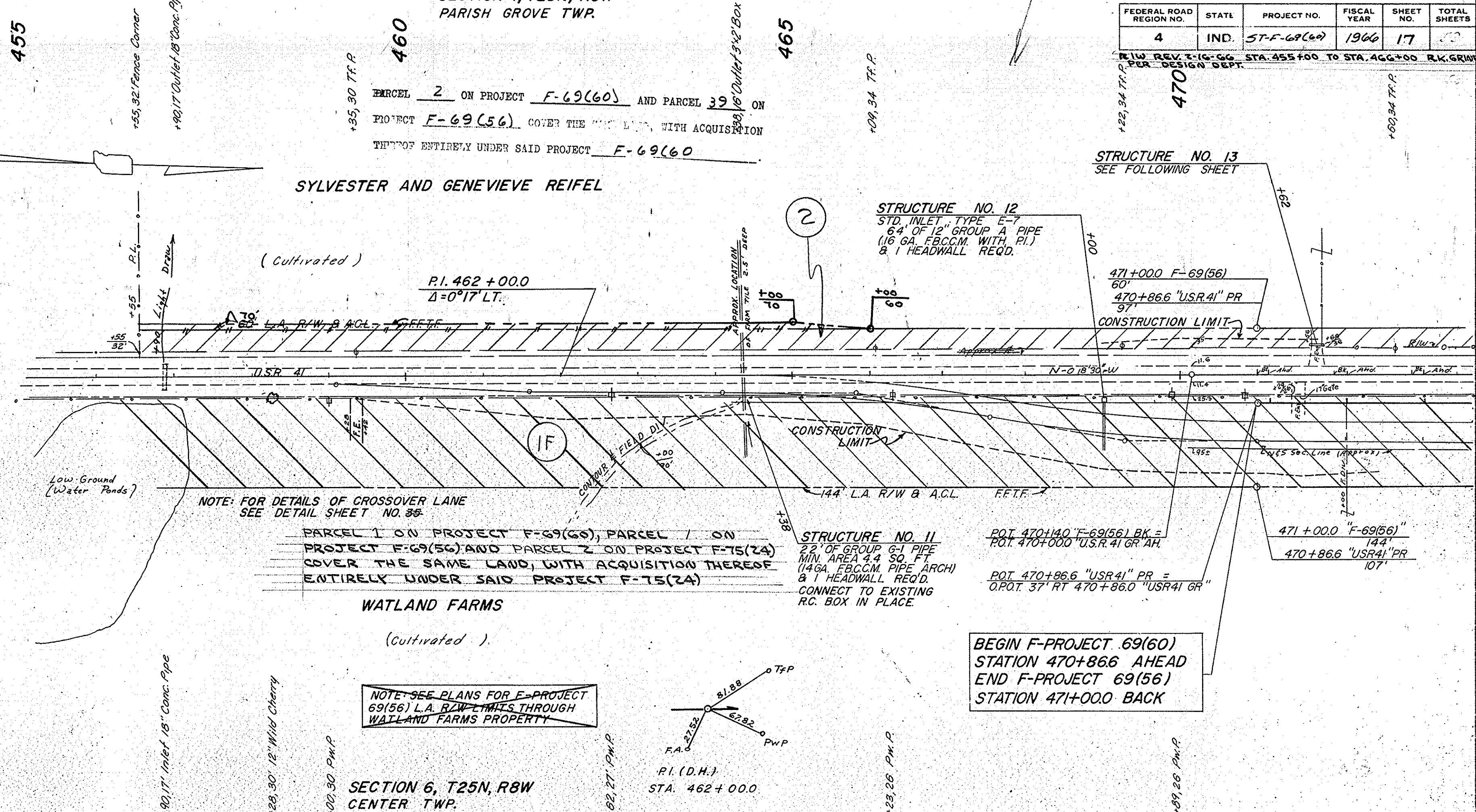
PUBLIC ROAD APPROACHES SHALL BE CONSTRUCTED AS SHOWN ON MISCELLANEOUS STANDARDS SHEET "A" AND AS INDICATED IN THE APPROACH TABLE ON SHEET NOS. 39-40 AND ON DETAIL SHEET NO. 38.

PRIVATE DRIVE, COMMERCIAL DRIVE AND MAIL BOX APPROACHES SHALL BE CONSTRUCTED AS SHOWN BY SECTION ON MISCELLANEOUS STANDARDS SHEET "I" AND "H" AND AS INDICATED IN THE APPROACH TABLE ON SHEET NOS. 39-40. PRIVATE DRIVES SHALL BE 24' IN WIDTH.

PUBLIC ROAD CROSS-OVERS SHALL BE SURFACED WITH CONCRETE PAVEMENT AS SHOWN ON MISCELLANEOUS STANDARDS SHEET "J".

COUNTY ROADS ARE TO BE RETURNED TO THE COUNTY BEYOND END OF LIMITED ACCESS LINE AS SHOWN ON PLANS.

LIMITED ACCESS RIGHT-OF-WAY (L.A.R/W) IS TO BE FENCED WITH FARM FIELD TYPE FENCE (F.F.T.F.) WHERE SPECIFIED ON PLANS.



-LEGEND-

L.A. R/W	---	LIMITED ACCESS RIGHT-OF-WAY
A.C.L.	---	ACCESS CONTROL LINE
F.F.T.F.	---	FARM FIELD TYPE FENCE
■	---	ROW MARKER

PUBLIC UTILITIES

- NORTHERN IND. PUBLIC SERVICE CO., 210 E. GRAHAM, KENTLAND, IND.
- UNITED TELEPHONE CO., 208 E. GRAHAM, KENTLAND, IND.
- INDIANA BELL TELEPHONE CO.
- WESTERN UNION CO. KENTLAND, IND.
- AMERICAN TELEPHONE & TELEGRAPH

B.M.#20 Boat Spike, 12" Wild Cherry 27' Rt. Station 463+95, Elev. 791.41

B.M.#20-A Elev. 790.06 Bl. Spike In T.P. 74' Rt. Sta. 482+95 Project F-69(56) Bk.

B.M.#141-GL Elev. 789.95 Bl. Spike In T.P. 74' Rt. Sta. 482+82 "USR-41-GL" Ahd.

ALL R/W ON THIS SHEET TO BE AS SHOWN

LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.

R/W MEASURED FROM LINE "USR 41"

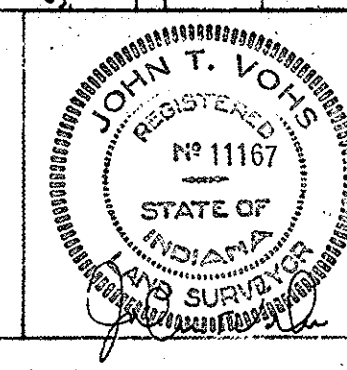
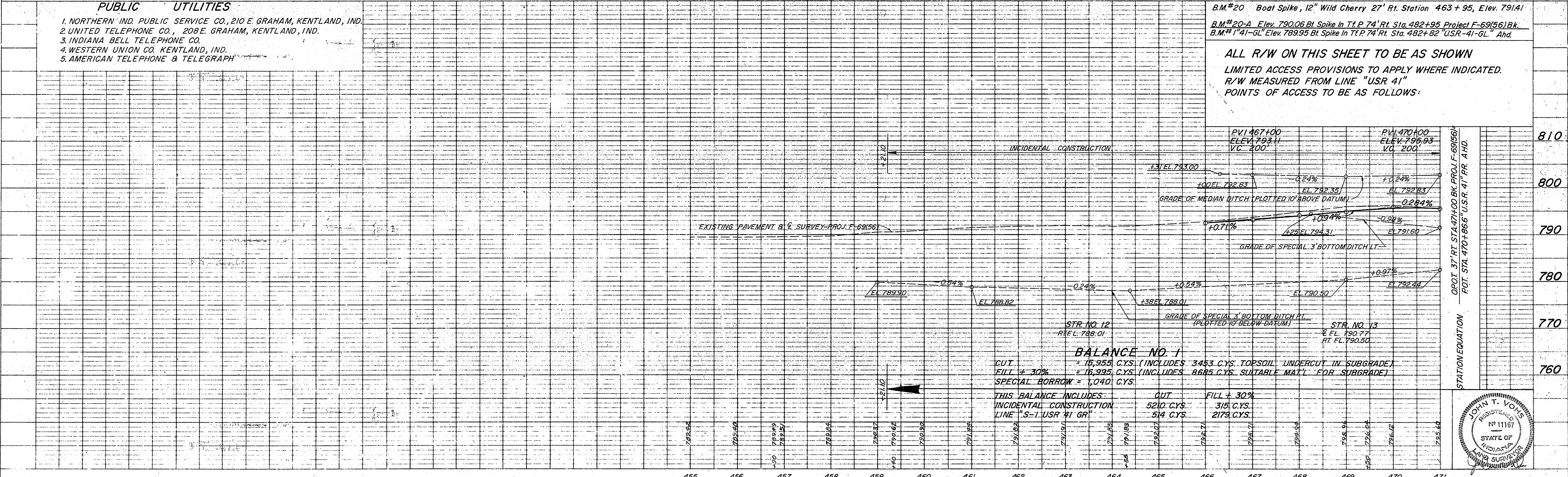
POINTS OF ACCESS TO BE AS FOLLOWS:

PLAN

DATE: 9-23-65
BY: I.H.S.C.
CHECKED: J.E.H.
DATE: 1-25-66

PROFILE

DATE: 9-23-65
BY: I.H.S.C.
CHECKED: J.E.H.
DATE: 1-25-66



CLASS V DRIVE LT & EARTH CROSSOVER REQ'D STA. 471+62

TYPE B APPROACH LT & RT & TYPE B PUBLIC ROAD CROSSOVER REQ'D STA. 482+54.99 DEPARTMENT OF INDIANA

CLASS II DRIVE REQ'D LT STA. 47+69 LINE "S-1-USR 41 GR."

SEC. 36 T. 26 N. R. 9W RICHLAND TWP

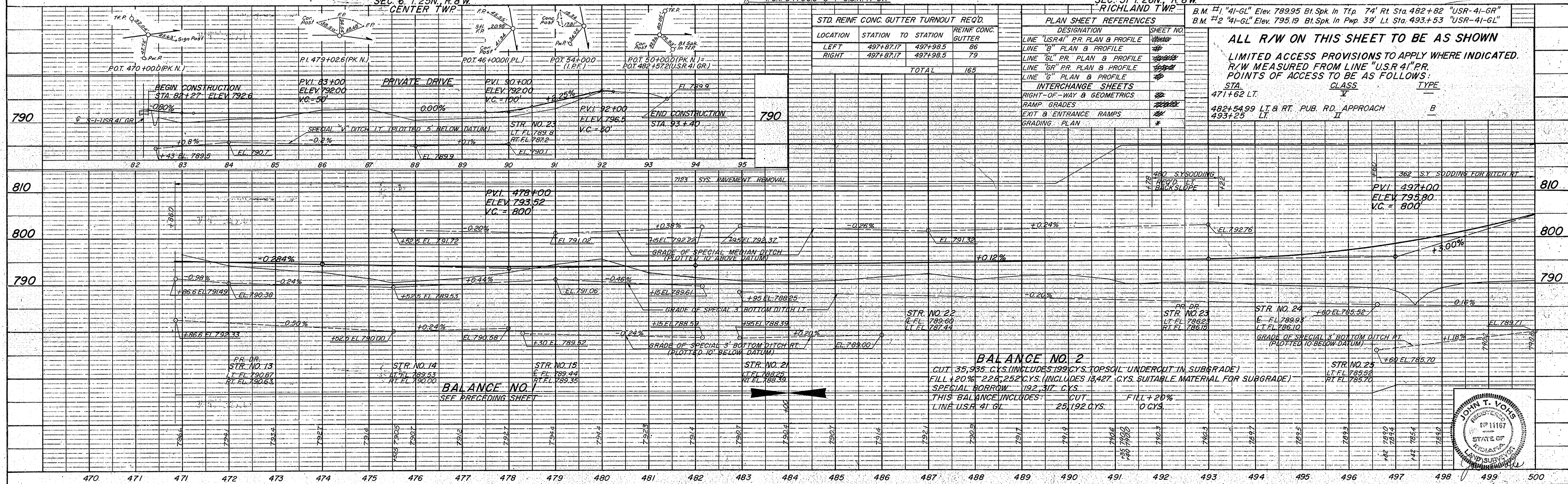
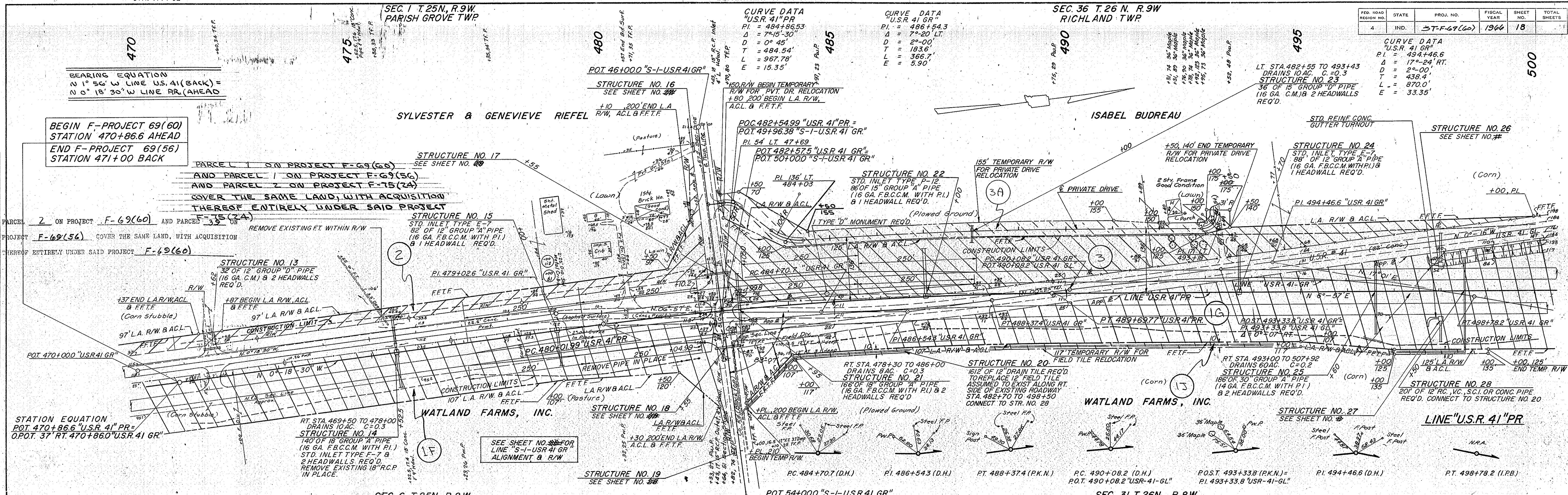
FED. ROAD DISTRICT NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	57-F-69(60)	1966	18	

BEARING EQUATION
N 1° 56' W LINE US. 41(BACK) =
N 0° 18' 30" W LINE RR.(AHEAD)

BEGIN F-PROJECT 69(60)
STATION 470+86.6 AHEAD
END F-PROJECT 69(56)
STATION 471+00 BACK

DATE	BY	REVISION
6-23-63	L.S.M.C.	1. P.L.P.
12-23-63	L.S.M.C.	2. C.S.
12-23-63	L.S.M.C.	3. L.S.
1-2-64	L.S.M.C.	4. E.E.

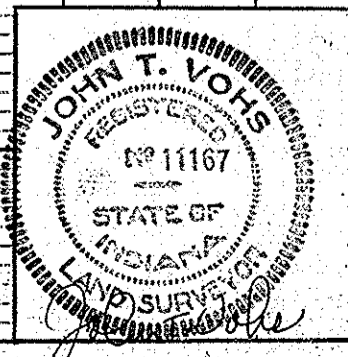
PLAN	NOTE BOOK
NO. 23922-7	



ALL R/W ON THIS SHEET TO BE AS SHOWN
LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.
R/W MEASURED FROM LINE "USR 41" PR.
POINTS OF ACCESS TO BE AS FOLLOWS:

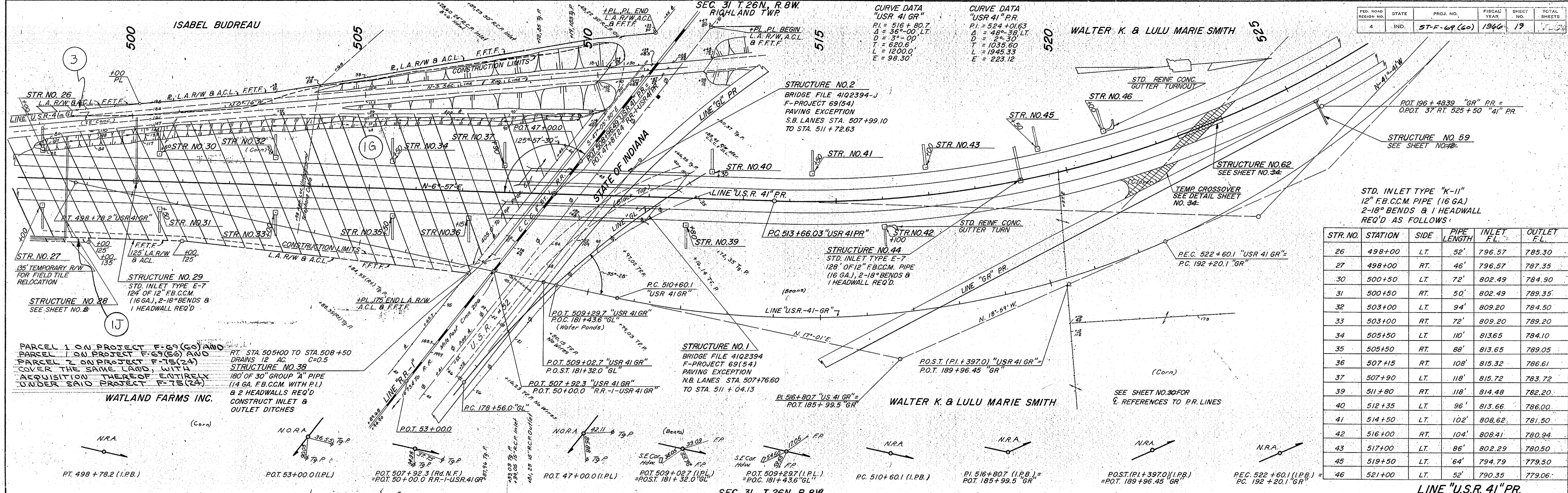
STA.	CLASS	TYPE
471+62 LT.	I	
482+54.99 LT. & RT. PUB. RD. APPROACH	B	
493+25 LT.	II	

BALANCE NO. 2
CUT 35,935 C.YS. (INCLUDES 199 C.YS. TOPSOIL UNDEROUT IN SUBGRADE)
FILL +20% 228,252 C.YS. (INCLUDES 13,427 C.YS. SUITABLE MATERIAL FOR SUBGRADE)
SPECIAL BORROW 192,317 C.YS.
THIS BALANCE INCLUDES:
CUT 25,192 C.YS.
FILL +20% 0 C.YS.

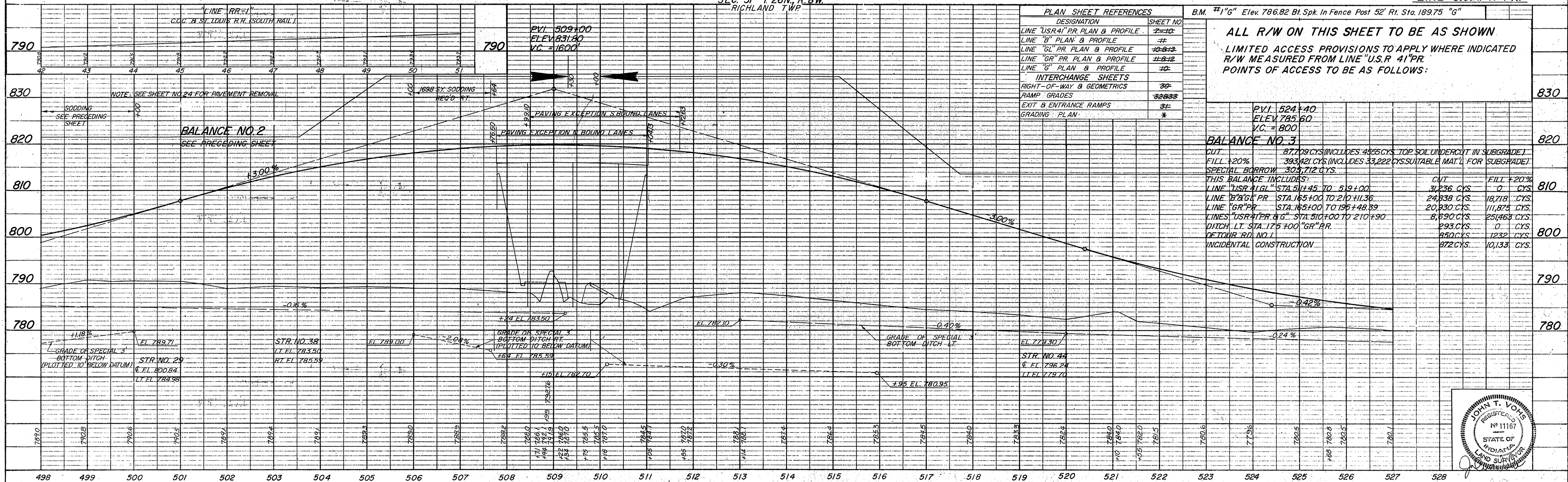


STATE HIGHWAY
DEPARTMENT OF INDIANA
SEC. 31 T. 26N. R. 8W
RICHLAND TWP

FED. ROAD DISTRICT NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-C-69(60)	1966	19	

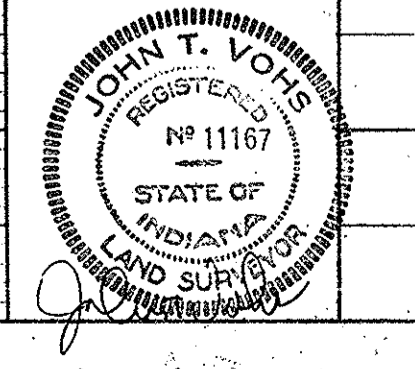


STR. NO.	STATION	SIDE	PIPE LENGTH	INLET F.L.	OUTLET F.L.
26	498+00	LT.	52'	796.57	785.30
27	498+00	RT.	46'	796.57	787.35
30	500+50	LT.	72'	802.49	784.90
31	500+50	RT.	50'	802.49	789.35
32	503+00	LT.	94'	809.20	784.50
33	503+00	RT.	72'	809.20	789.20
34	505+50	LT.	110'	813.65	784.10
35	505+50	RT.	88'	813.65	789.05
36	507+15	RT.	108'	815.32	786.61
37	507+90	LT.	118'	815.72	783.72
39	511+80	RT.	118'	814.48	782.20
40	512+35	LT.	96'	813.66	786.00
41	514+50	LT.	102'	808.62	781.50
42	516+00	RT.	104'	808.41	780.94
43	517+00	LT.	86'	802.29	780.50
45	519+50	LT.	64'	794.79	779.50
46	521+00	LT.	52'	790.35	779.06



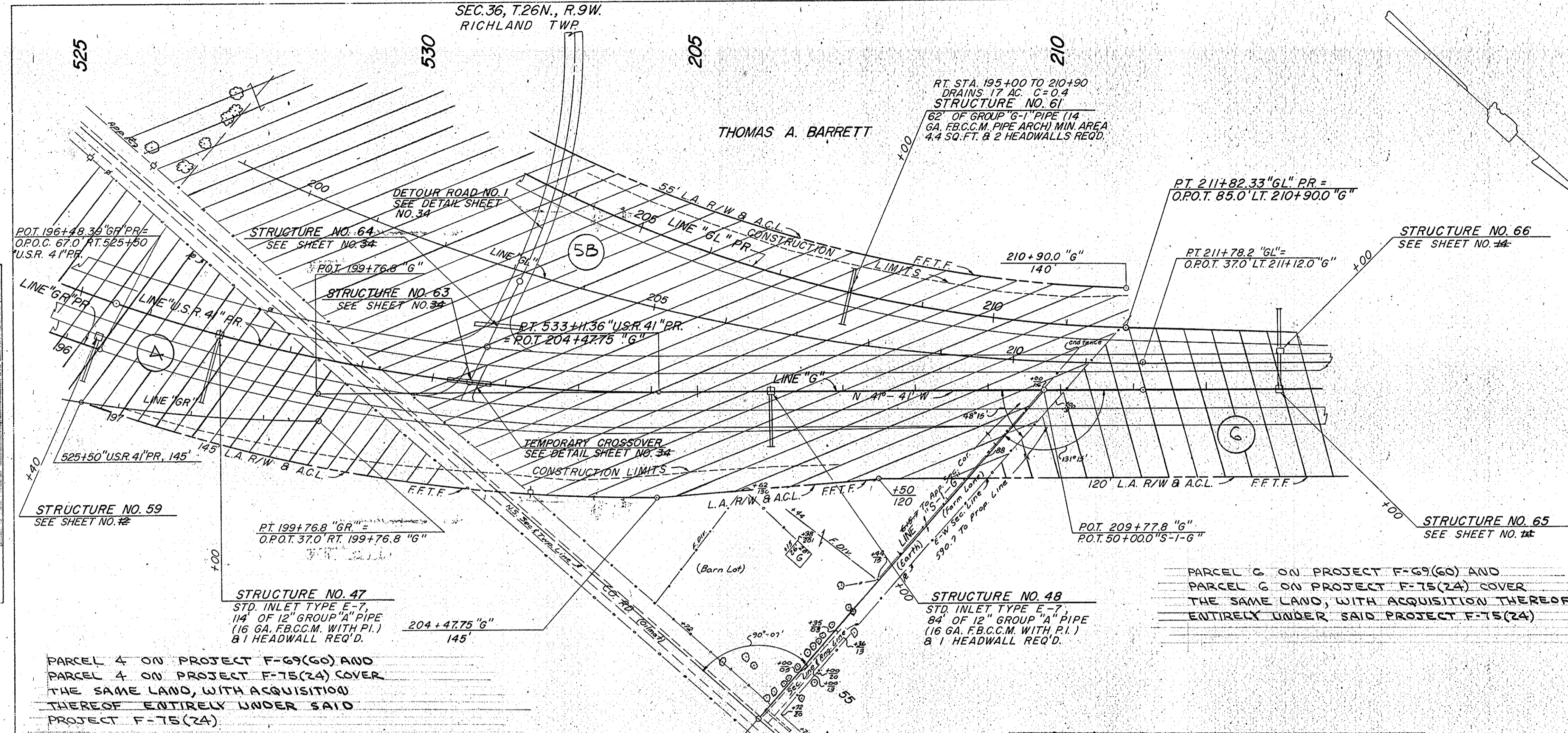
DATE	BY
6-24	
12-63	
1-64	
1-64	
1-64	

DATE	BY
6-24	
12-63	
1-64	
1-64	
1-64	



FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-69(60)	1960	20	25

PLAN
SURVEYED BY: J.S.H.C. 6-59
CHECKED BY: J.S.H.C. 12-59
DATE: 12-59
NO. 88287-1
PL. OF WAY CHECKED: E.B.H. 1-55



PARCEL 4 ON PROJECT F-69(60) AND
PARCEL 4 ON PROJECT F-75(24) COVER
THE SAME LAND, WITH ACQUISITION
THEREOF ENTIRELY UNDER SAID
PROJECT F-75(24).

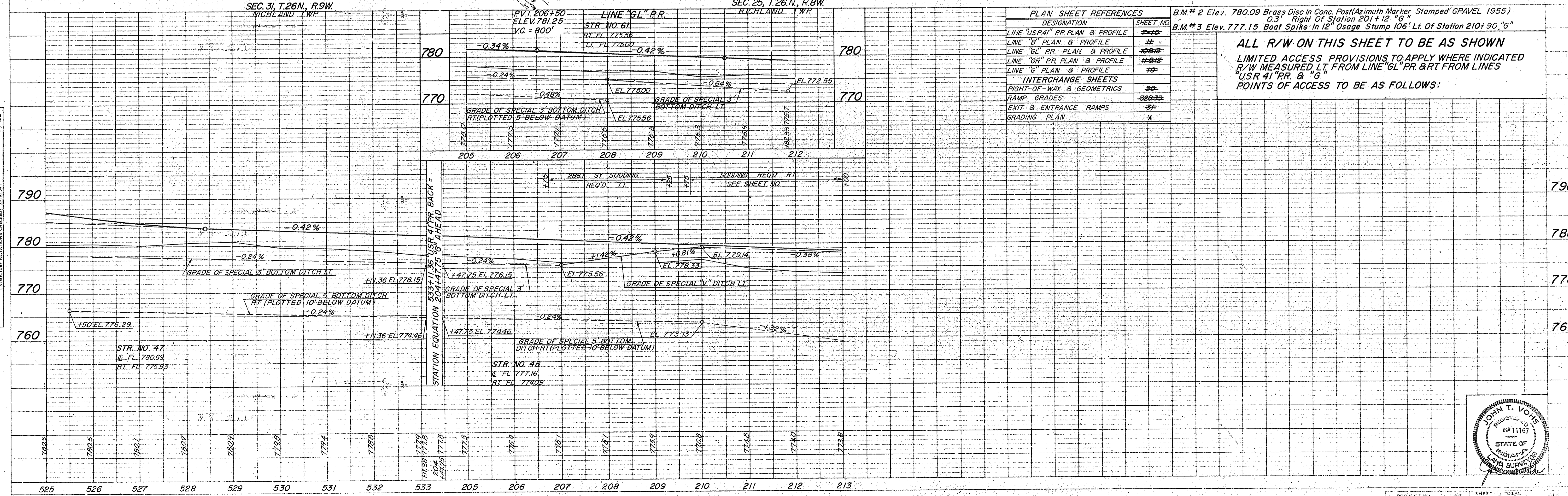
PARCEL G ON PROJECT F-69(60) AND
PARCEL G ON PROJECT F-75(24) COVER
THE SAME LAND, WITH ACQUISITION THEREOF
ENTIRELY UNDER SAID PROJECT F-75(24)

SMITH, WALTER K. ET UX.
WALTER K. & LULU MARIE SMITH
SEC. 31, T.26N., R.9W.
RICHLAND TWP.

BUDEAU, KENNETH ET UX.
KENNETH & GEORGE BUDEAU
SEC. 25, T.26N., R.9W.
RICHLAND TWP.

LINES "USR 41" PR ; "GL" PR & "G"

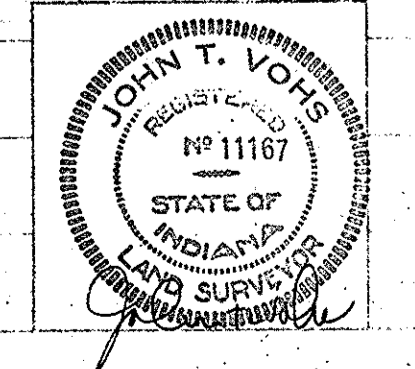
PROFILE
SURVEYED BY: J.S.H.C. 6-59
CHECKED BY: J.S.H.C. 12-59
DATE: 12-59
NO. 88287-1
PL. OF WAY CHECKED: E.B.H. 1-55



DESIGNATION	SHEET NO.
LINE "USR 41" PR PLAN & PROFILE	7-10
LINE "G" PLAN & PROFILE	#
LINE "GL" PR PLAN & PROFILE	10-10
LINE "GR" PR PLAN & PROFILE	11-10
LINE "G" PLAN & PROFILE	10
INTERCHANGE SHEETS	30
RIGHT-OF-WAY & GEOMETRICS	30-35
RAMP GRADES	31
EXIT & ENTRANCE RAMP	31
GRADING PLAN	*

B.M. # 2 Elev. 780.09 Brass Disc in Conc. Post (Azimuth Marker, Stamped GRAVEL 1955)
0.3' Right of Station 201+12 "G"
B.M. # 3 Elev. 777.15 Boat Spike in 12" Osage Stump 106' Lt. of Station 210+90 "G"

**ALL R/W ON THIS SHEET TO BE AS SHOWN
LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED
R/W MEASURED, LT. FROM LINE "GL" PR & RT FROM LINES
"USR 41" PR & "G"
POINTS OF ACCESS TO BE AS FOLLOWS:**



FED. ROAD DISTRICT NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	57-F-69(60)	1966	21	

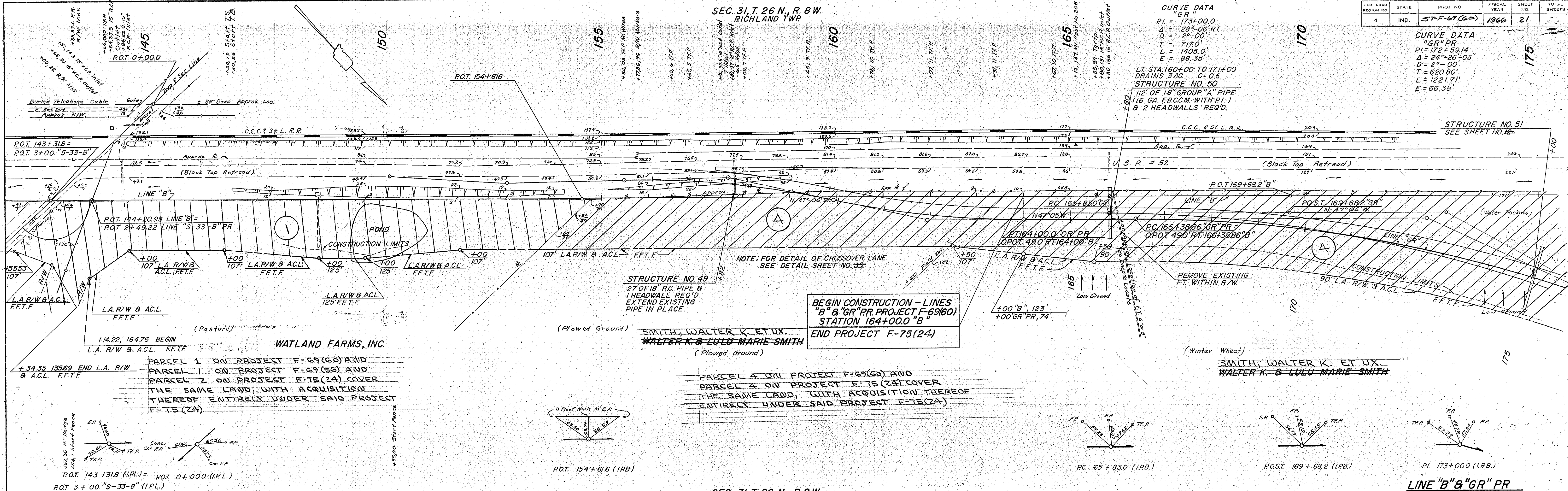
CURVE DATA
"GR" PR
PI = 172+59.14
Δ = 24°-26'-03"
D = 2°-00'
T = 620.80'
L = 1221.71'
E = 66.38'

CURVE DATA
"B" PR
PI = 173+00.0
Δ = 28°-06' RT
D = 2°-00'
T = 717.0'
L = 1405.0'
E = 88.35'

LT STA 160+00 TO 171+00
DRAINS 3 AC. C=0.6
STRUCTURE NO. 50
11/2" OF 18" GROUP "A" PIPE
(16 GA. FBCCM WITH P.I.)
B 2 HEADWALLS REQ'D.

DATE	BY	REVISION
6-23-66	J.S.M.C.	PLANNED
7-2-66	J.S.M.C.	ALIGNED
7-2-66	J.S.M.C.	NOTED
7-2-66	J.S.M.C.	REVISION
7-2-66	J.S.M.C.	REVISION
7-2-66	J.S.M.C.	REVISION

DATE	BY	REVISION
6-23-66	J.S.M.C.	PLANNED
7-2-66	J.S.M.C.	ALIGNED
7-2-66	J.S.M.C.	NOTED
7-2-66	J.S.M.C.	REVISION
7-2-66	J.S.M.C.	REVISION
7-2-66	J.S.M.C.	REVISION

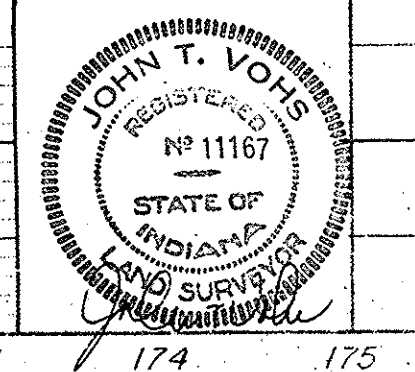
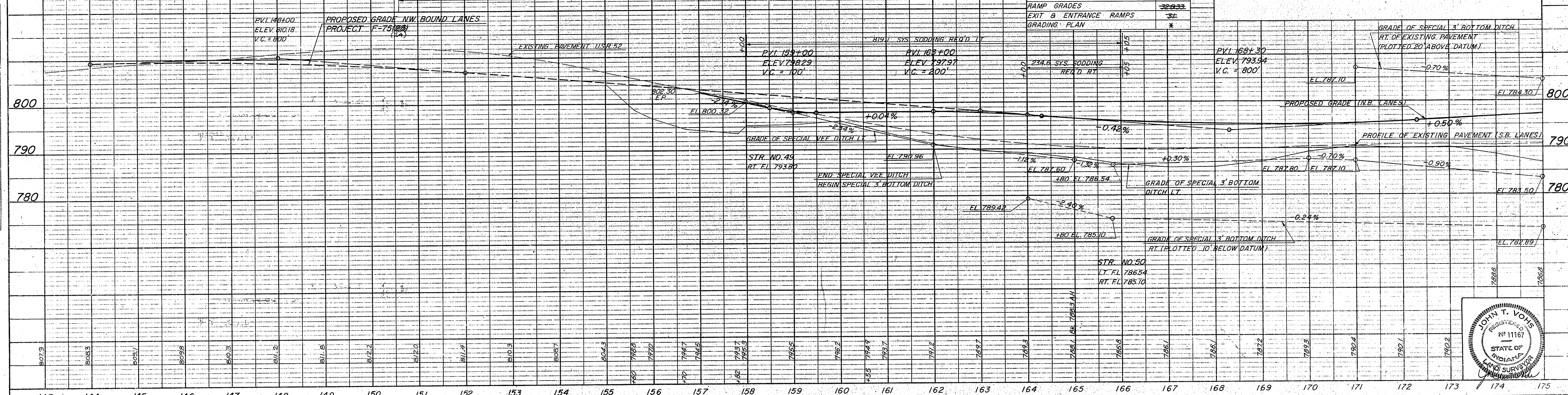


- PUBLIC UTILITIES**
- NORTHERN IND. PUBLIC SERVICE CO., 210 E. GRAHAM, KENTLAND, IND.
 - UNITED TELEPHONE CO., 208 E. GRAHAM, KENTLAND, IND.
 - INDIANA BELL TELEPHONE CO.
 - WESTERN UNION CO. KENTLAND, IND.
 - AMERICAN TELEPHONE & TELEGRAPH

PLAN SHEET REFERENCES

DESIGNATION	SHEET NO.
LINE "USR4" PR. PLAN & PROFILE	210
LINE "B" PR. PLAN & PROFILE	211
LINE "G" PR. PLAN & PROFILE	212
LINE "R" PR. PLAN & PROFILE	213
LINE "S" PR. PLAN & PROFILE	214
INTERCHANGE SHEETS	
RIGHT-OF-WAY & GEOMETRICS	30
RAMP GRADES	32-33
EXIT & ENTRANCE RAMPS	34
GRADING PLAN	*

ALL R/W ON THIS SHEET TO BE AS SHOWN
LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.
R/W MEASURED FROM LINE "GR" PR
POINTS OF ACCESS TO BE AS FOLLOWS:



SEC. 31, T. 26 N., R. 9 W.
RICHLAND TWP

SEC. 36, T. 26 N., R. 9 W.
RICHLAND TWP

FED. ROAD REGION NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	57-F-67(G-2)	1966	22	7

CURVE DATA
"GR"
PI = 173+00.0
Δ = 28°-06' RT
D = 28'-00'
T = 717.0
L = 1405.0
E = 88.35'

CURVE DATA
"GR"
PI = 172+59.14
Δ = 24°-26'-03"
D = 2°-00'
T = 620.28'
L = 1221.71'
E = 66.38'

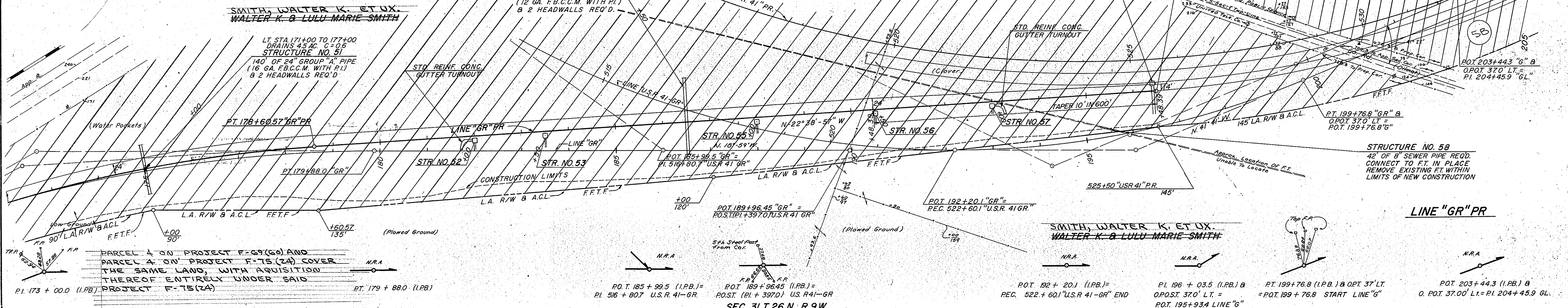
CURVE DATA
"G"
PI = 196+03.5
Δ = 22°-42' LT
D = 3°-00'
T = 383.4'
L = 756.66'
E = 38.10'

STD. INLET TYPE K-11
12" F.B.C.C.M. PIPE (16 GA)
2-18" BENDS & 1 HEADWALL
REQ'D. AS FOLLOWS:

STR. NO.	STA.	SIDE	PIPE LENGTH	INLET E.L.	OUTLET E.L.
52	182+00	RT.	66	796.94	781.21
53	183+50	RT.	76	797.69	780.85
55	188+00	RT.	72	797.36	779.77
56	190+50	RT.	66	794.62	779.17
57	193+00	RT.	54	790.27	778.21

DATE	BY
6-23-66	S.W.C.
12-23-66	S.W.C.
12-23-66	S.W.C.
4-22-67	S.W.C.

DATE	BY
6-23-66	S.W.C.
12-23-66	S.W.C.
12-23-66	S.W.C.
4-22-67	S.W.C.



PARCEL A ON PROJECT F-99(GO) AND
PARCEL A ON PROJECT F-75(24) COVER
THE SAME LAND, WITH ACQUISITION
THEREOF ENTIRELY UNDER SAID
PROJECT F-75(24)

SMITH, WALTER K. ET UX.
WALTER K. & LULU MARIE SMITH

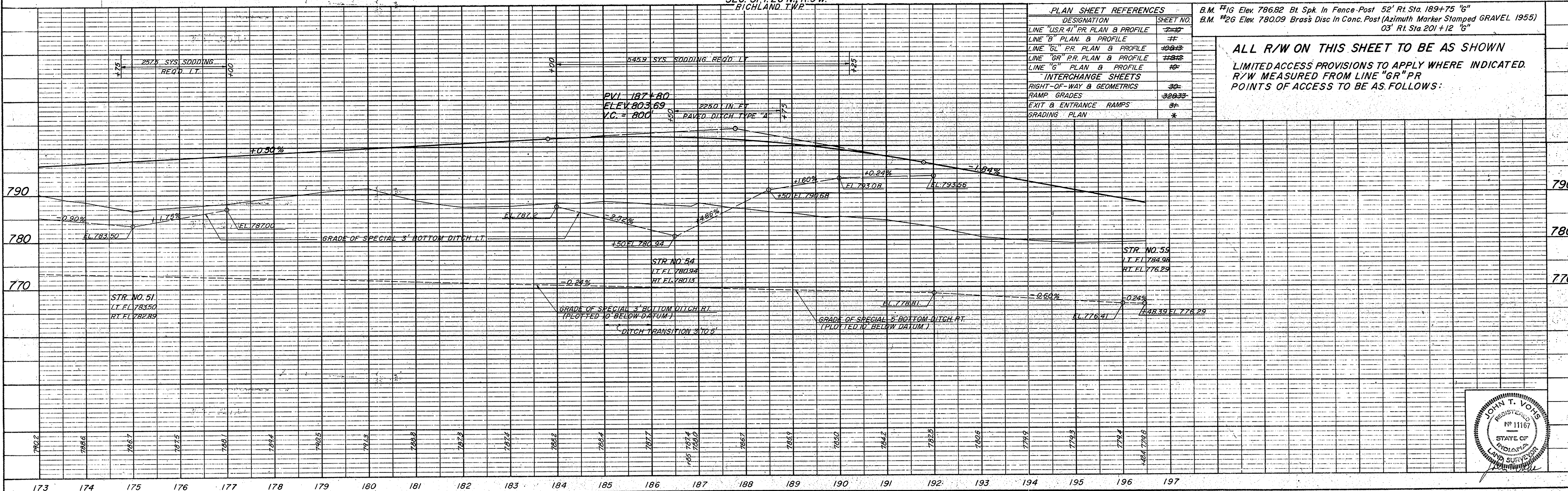
LINE "GR" PR

PLAN SHEET REFERENCES

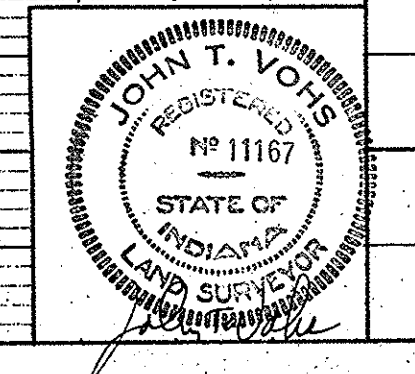
DESIGNATION	SHEET NO.
LINE "USR 41" PR PLAN & PROFILE	22-10
LINE "B" PLAN & PROFILE	11
LINE "G" PR PLAN & PROFILE	10-13
LINE "GR" PR PLAN & PROFILE	11-12
LINE "G" PLAN & PROFILE	10
INTERCHANGE SHEETS	
RIGHT-OF-WAY & GEOMETRICS	30
RAMP GRADES	30-33
EXIT & ENTRANCE RAMP	31
GRADING PLAN	*

B.M. #19 Elev. 786.82 Bl. Spk. In Fence Post 52' Rt. Sta. 189+75 "G"
B.M. #26 Elev. 780.09 Brass Disc In Conc. Post (Azimuth Marker Stamped GRAVEL 1955)
03' Rt. Sta. 201+12 "G"

ALL R/W ON THIS SHEET TO BE AS SHOWN
LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.
R/W MEASURED FROM LINE "GR" PR
POINTS OF ACCESS TO BE AS FOLLOWS:



DATE	BY
6-23-66	S.W.C.
12-23-66	S.W.C.
12-23-66	S.W.C.
4-22-67	S.W.C.



STATE HIGHWAY
DEPARTMENT OF INDIANA

SEC. 36, T. 26N., R. 9W.
RICHLAND TWP

FED. ROAD DISTRICT NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-69(60)	1964	23	

CURVE DATA
"GL" PR. TRANSITION
PI = 180+170.3
Δ = 6°-20'-10"
D = 0'-45"
T = 422.84'
L = 844.81'
E = 11.69'

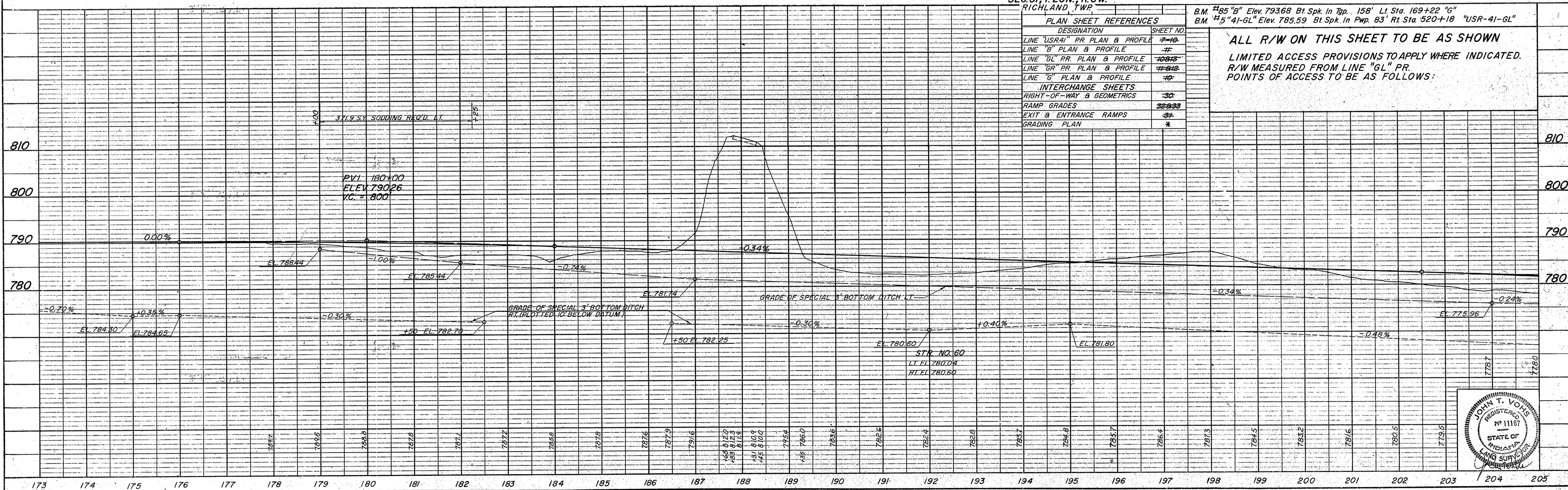
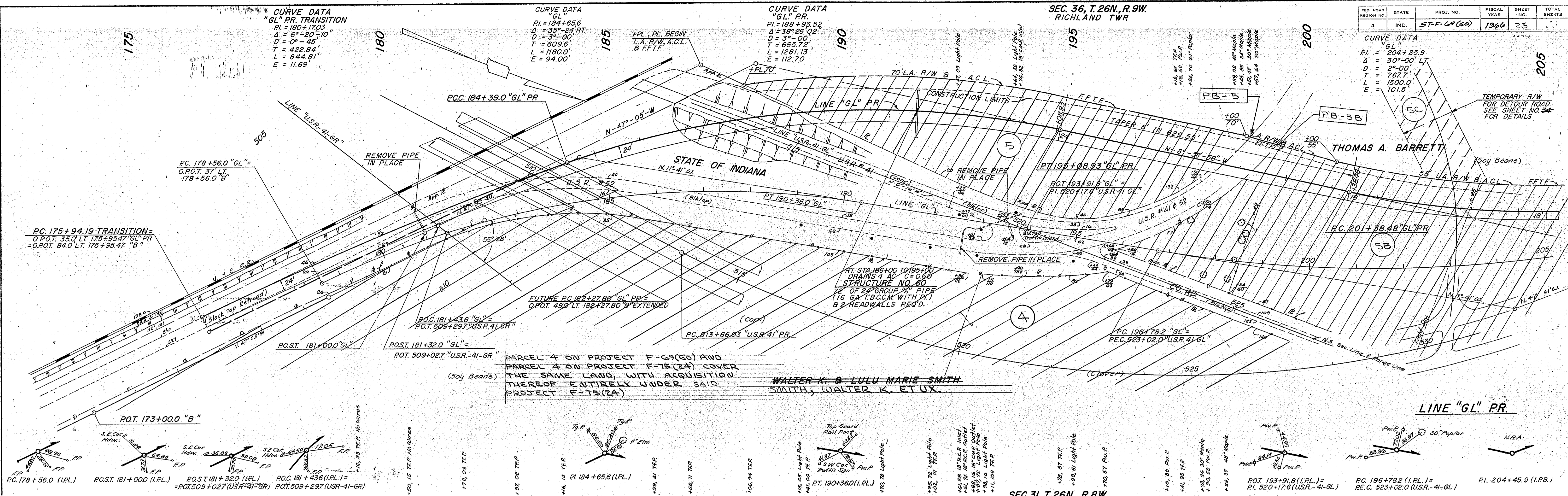
CURVE DATA
"GL" PR.
PI = 184+65.6
Δ = 35°-24'-RT
D = 3'-00"
T = 609.6'
L = 1180.0'
E = 94.00'

CURVE DATA
"GL" PR.
PI = 188+53.52
Δ = 38°-26'-02"
D = 3'-00"
T = 665.72'
L = 1281.13'
E = 112.70'

CURVE DATA
"GL" PR.
PI = 204+25.9
Δ = 30°-00'-LT
D = 2'-00"
T = 767.7'
L = 1500.0'
E = 101.5'

DATE	BY
12-23-63	J.S.H.C.
1-16-64	J.S.H.C.
4-1-65	J.S.H.C.

PLAN	DATE	BY
NO. 0329-2-T	12-23-63	J.S.H.C.
	1-16-64	J.S.H.C.
	4-1-65	J.S.H.C.



SEC. 31, T. 26N., R. 8W.
RICHLAND TWP

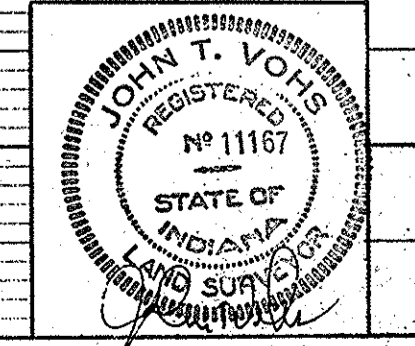
DESIGNATION	SHEET NO.
LINE "USR-41" PR PLAN & PROFILE	7-16
LINE "B" PR PLAN & PROFILE	7-17
LINE "GL" PR PLAN & PROFILE	7-18
LINE "GR" PR PLAN & PROFILE	7-19
LINE "G" PR PLAN & PROFILE	7-20
INTERCHANGE SHEETS	
RIGHT-OF-WAY & GEOMETRICS	30
RAMP GRADES	32-33
EXIT & ENTRANCE RAMPS	34
GRADING PLAN	*

B.M. #85 "B" Elev. 793.68 Bt Spk. In Twp. 158' Lt. Sta. 169+22 "G"
B.M. #5 "41-GL" Elev. 785.59 Bt Spk. In Pwp. 83' Rt. Sta. 520+18 "USR-41-GL"

ALL R/W ON THIS SHEET TO BE AS SHOWN
LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.
R/W MEASURED FROM LINE "GL" PR.
POINTS OF ACCESS TO BE AS FOLLOWS:

DATE	BY
6-6-63	J.S.H.C.
12-23-63	J.S.H.C.
12-23-63	J.S.H.C.
4-1-65	J.S.H.C.

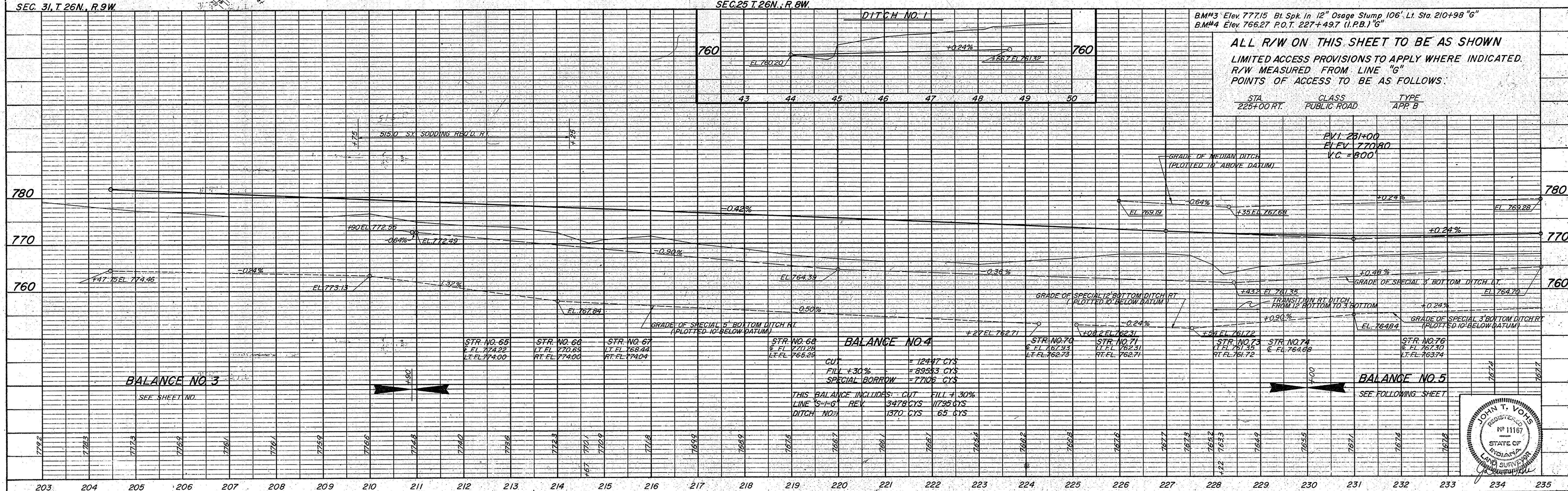
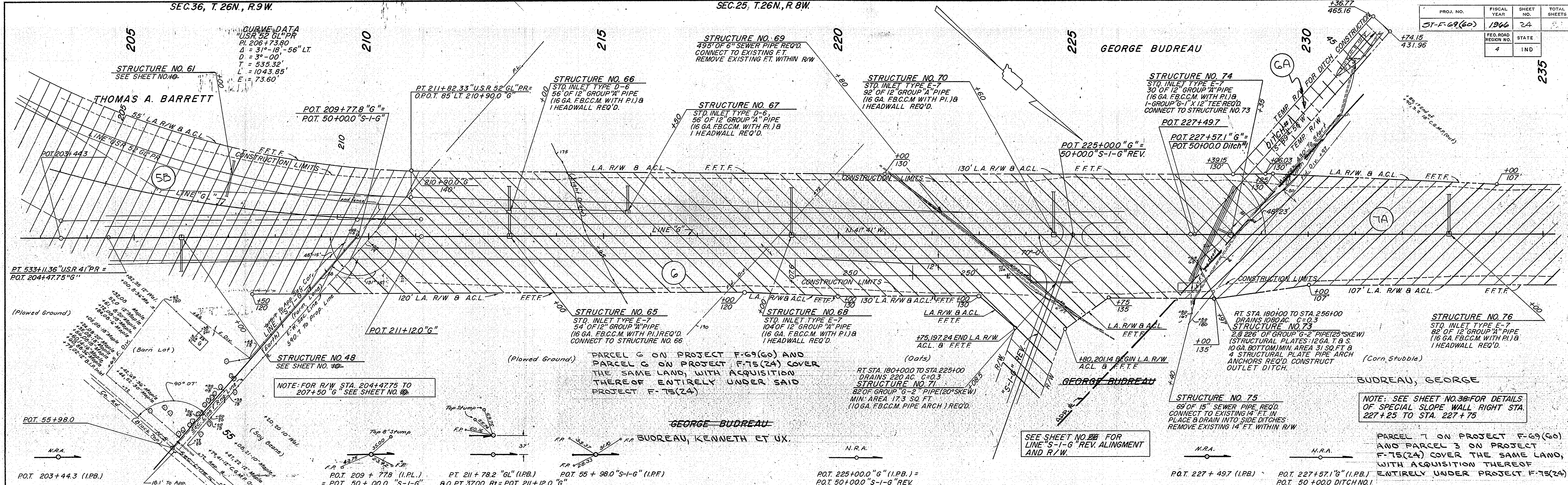
PROFILE	DATE	BY
NO. 0329-2-T	6-6-63	J.S.H.C.
	12-23-63	J.S.H.C.
	12-23-63	J.S.H.C.
	4-1-65	J.S.H.C.



SEC. 36, T. 26N., R. 9W.

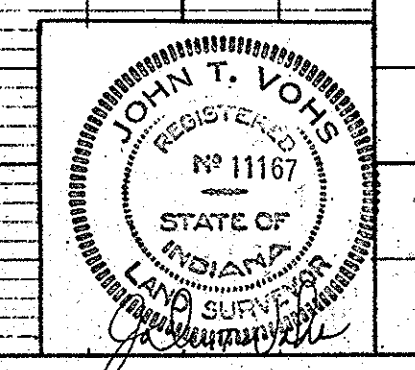
PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
ST-F-69(60)	1966	24	
FED. ROAD REGION NO.	STATE		
4	IND		

PLAN	DATE	BY
NOTED	6-6-63	J.S.M.C.
ALIGNED	12-6-63	T.A.B.
CHECKED	12-6-63	S.H.L.
BY WHI CHECKED	1-6-64	E.R.H.
NO. 2522-1		



ALL R/W ON THIS SHEET TO BE AS SHOWN
LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.
R/W MEASURED FROM LINE "G"
POINTS OF ACCESS TO BE AS FOLLOWS:

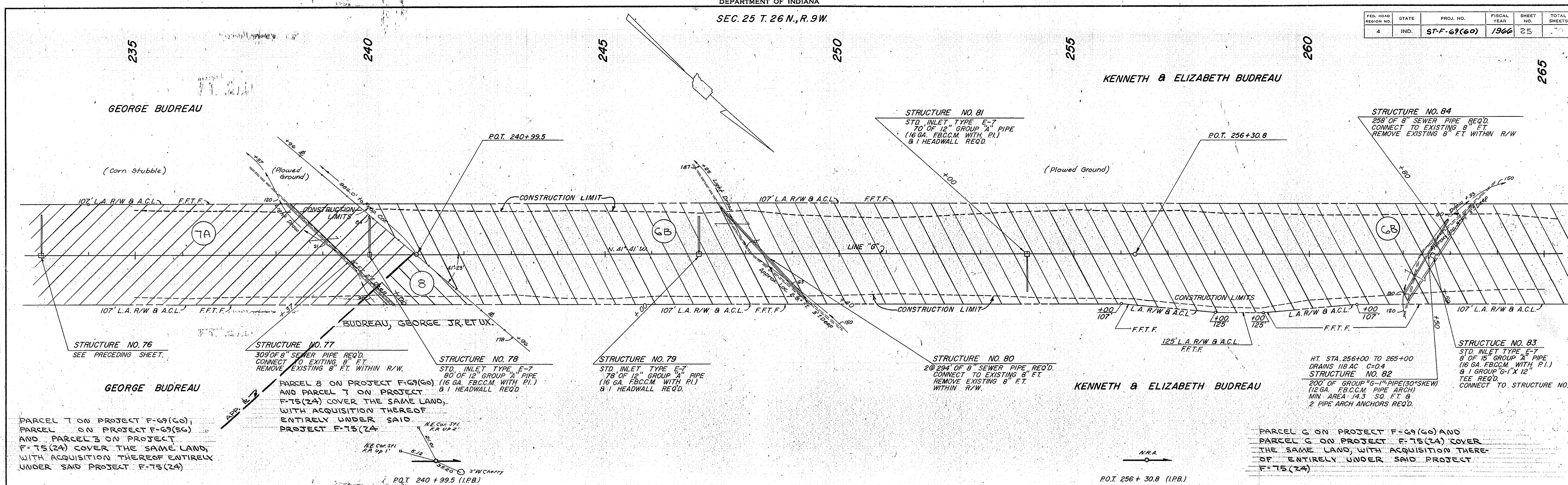
STA	CLASS	TYPE
225+00 RT.	PUBLIC ROAD	APP B



FED. ROAD DISTRICT NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-69(60)	1966	25	75

DATE	BY
6-63	
12-63	
12-63	
7-65	

PLAN	DATE	BY
SURVEYED	12-63	
PLOTTED	12-63	
ALIGNED	12-63	
NOTE BOOK	12-63	
NO. 8872-1		



PROFILE	DATE	BY
SURVEYED	12-63	
PLOTTED	12-63	
GRADES CHECKED	12-63	
NOTE BOOK	12-63	
NO. 8872-1		

