ROAD CONTRACT NO.

FEDERAL ROAD DIVISION NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-448 (19)	1964	1	25

CODE No 0484

INDEX

SHEET NO.	DESIGNATION	B.P.R. APPROVAL	DATE ADOPTED "A" or LATEST REVISION "R"
1	TITLE SHEET		
	ST'D. DIV. LANE (INTERSTATE)		
	ST'D. DIV. LANE (INTERSTATE)		
	ST'D. DIV. LANE (INTERSTATE)		
2	ST'D. CROSS SECTION, E-11-IR	9/1/61	R 6/1/61
	ST'D. CROSS SECTION,		
	ST'D. CROSS SECTION,		
3 & 3A	TYPICAL CROSS SECTION		
	ST'D. 8 INCH RAMP SECTION		
	ST'D. 10 INCH RAMP SECTION		
4	ST'D. PAVEMENT JOINTS SHEET "A"	5/23/62	R 5/11/62
5-25	PLAN AND PROFILE		
25A	BRIDGE LAYOUT SHEET		
25B	BRIDGE APPROACH DETAILS		
26	STRUCTURE DATA		
27	STRUCTURE DATA		
28	ESTIMATE OF QUANTITIES		
	ESTIMATE OF QUANTITIES		
29	MISCELLANEOUS STANDARDS, SHEET "MA"	3/25/64	R 2/1/64
30	MISCELLANEOUS STANDARDS, SHEET "MB"	3/25/64	R 2/1/64
31	MISCELLANEOUS STANDARDS, SHEET "MC"	1/26/60	R 4/1/59
32	MISCELLANEOUS STANDARDS, SHEET "MCI"	8/26/60	R 7/6/60
33	MISCELLANEOUS STANDARDS, SHEET "MD"	1/26/60	R 5/26/59
34	MISCELLANEOUS STANDARDS, SHEET "MDI"	1/26/60	R 3/6/57
35	MISCELLANEOUS STANDARDS, SHEET "ME"	10/2/64	R 9/1/64
	MISCELLANEOUS STANDARDS, SHEET "MF"		
	MISCELLANEOUS STANDARDS, SHEET "MG"		
36	MISCELLANEOUS STANDARDS, SHEET "MH"	3/25/64	R 2/1/64
37	MISCELLANEOUS STANDARDS, SHEET "MI"	3/25/64	R 2/1/64
	MISCELLANEOUS STANDARDS, SHEET "MJ"		
	MISCELLANEOUS STANDARDS, SHEET "MK"		
38	MISCELLANEOUS STANDARDS, SHEET "MN"	5/9/61	R 4/11/61
39	MISCELLANEOUS STANDARDS, SHEET "MP"	6/4/64	R 11/20/63
40	MISCELLANEOUS STANDARDS, SHEET "MPI"	None	R 11/20/63
	MISCELLANEOUS STANDARDS, SHEET "MR"		
	MISCELLANEOUS STANDARDS, SHEET "S"		
	MISCELLANEOUS STANDARDS, SHEET "S-1"		
	MISCELLANEOUS STANDARDS, SHEET "MT"		
	MISCELLANEOUS STANDARDS, SHEET "MU"		
	MISCELLANEOUS STANDARDS, SHEET "MV"		
	MISCELLANEOUS STANDARDS, SHEET "MV-1"		
41	STANDARD HEADWALLS		
42	BRIDGE STANDARD, SHEET "C-1"	1/12/60	R 12/2/58
43	BRIDGE STANDARD, SHEET "HS-2"	2/7/61	R 10/30/60
44	BRIDGE STANDARD, SHEET "H-2"	1/12/60	R 3/20/53
45	BRIDGE STANDARD, SHEET "M-4"	10/4/62	R 6/21/62
	ST'D. GUARD RAIL		
46	STEEL BEAM GUARD RAIL, SHEET "GR-1"	6/6/61	R 5/25/61
	ST'D. FOR SUPERELEVATION		
	ST'D. FOR SUPERELEVATION AND WIDENING OF CURVES		
47,47A	ST'D. DETOUR SIGNS, SHEET 1, 2		R 3/8/63
48,48A	ST'D. DETOUR SIGNS, SHEET 3, 3A		R 3/8/63
49	CONSTRUCTION IDENTIFICATION SIGNS SHEET 1	3/9/64	A FEB. 1964
50	ST'D. DETOUR SIGNS, SHEET 5		R 3/8/63
51-181	CROSS SECTIONS		

STATE OF INDIANA

INDIANA STATE HIGHWAY COMMISSION

PLAN AND PROFILE OF PROPOSED

STATE HIGHWAY

ST-F-PROJECT NO. 448 (19)

F 448 (14) P.E.
F 448 (19) R/W
F 448 (20) CONST.
F 448 (20) UTILITIES

WINCHESTER TO PORTLAND ROAD

BEGINNING AT A POINT APPROXIMATELY 40 FEET WEST AND 66 FEET SOUTH OF THE NORTH-EAST CORNER OF SECTION 5, T.21N., R.14E., AND RUNNING IN A NORTHERLY DIRECTION A DISTANCE OF 39201.1 FEET TO A POINT APPROXIMATELY 318 FEET SOUTH OF THE NORTH-EAST CORNER OF SECTION 29, T.23N., R.14E.. APPROXIMATE ENTIRE LENGTH IS IN JAY COUNTY.

GROSS LENGTH:- 7.424 MI.
NET LENGTH:- ~~7.360~~ MI. 7.424

SCALES:-
PLAN { LONG:- 1"=100' / TRANS:- 1"=100' } PROFILE { HORIZ:- 1"=100' / VERT:- 1"=10' }
(UNLESS OTHERWISE SHOWN)

MAX. GRADE 2.0%

DESIGN DATA		
A.D.T. (1962)	2600	V.P.D.
A.D.T. (1982) PROJECTED	4500	V.P.D.
D.H.V.	500	V.P.D.
DIRECTIONAL DISTRIBUTION	52	%
TRUCKS (D.H.V.)	10	%
DESIGN SPEED	70	M.P.H.
ACCESS CONTROL	NONE	

LEGEND OF SIGNS

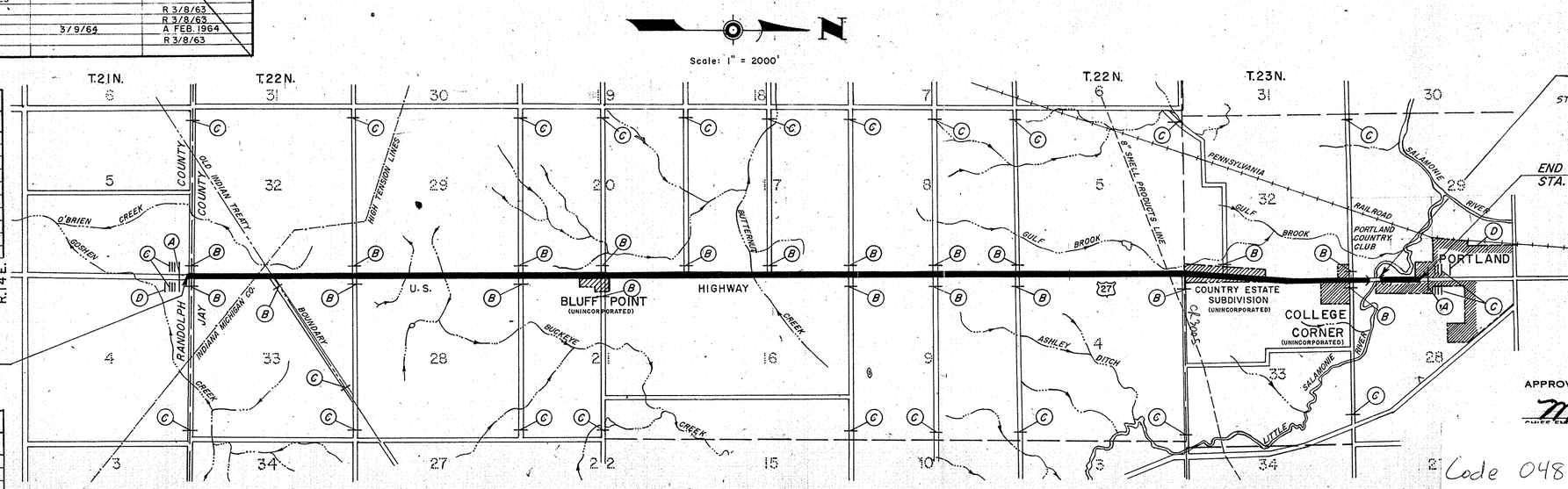
(A)-2 EACH – STANDARD BARRICADE – TYPE "A"
(B)-21 EACH – STANDARD BARRICADE – TYPE "B"
(C)-33 EACH – TYPICAL SIGN STANDARDS
(D)-2 EACH – CONSTRUCTION IDENTIFICATION SIGNS

NOTE

R/W. PLANS FOR THIS PROJECT INCLUDE R/W REQUIRED FOR SEPARATE CONTRACT STRUCTURES.

REVISIONS

SHEET NO.	DATE	REVISED
7, 26, 28	12-3-63	Str. No. 34
5	3-11-64	R/W
18	3-19-64	R/W Reference Pts. Added
6-18	6-23-64	Temp. R/W for Bldg. Removal
18,27,28,25A,25B	7-30-64	Bridge Quantities
18	8-14-64	Revise Temp. R/W
9, 8-23	1-27-65	R/W & Station Class II Drive
8,9,23 26,28	2-8-65	Elim. Dr. & Move Drive
5-19, 25-28	2-11-65	ALUMINUM ALLOY PIPE
8,13,23&22	4-7-65	RELOCATE DRIVE
1 & 18	4-19-65	NOTE & STRUCTURE 148A
6	5-21-65	HISTORICAL MONUMENT DETAIL
7,10,13,18	5-17-65	TEMP. R/W FOR DRIVE CONSTR.
18 & 22 Z	7-6-65	ADD STR. 38-REV STR. 39



~~SPURRAL CONTRACT~~
STRUCTURE NO. 1
ST-F" PROJECT 448(20) PAVING EXCEPTION:
STA. 748+13.71 TO STA. 749+26.29
BRIDGE FILE NO. 27-G-5221
TO BE INCLUDED IN
ROAD CONTRACT

END OF ST-F" PROJECT 448 (19)
STA. 762 + 00 P.R. #1

BEGINNING OF ST-F" PROJECT 448 (19)
STA. 369 + 98.9=
END "F" PROJECT 448(12)

R/W INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
3&3A	TYPICAL CROSS SECTIONS
5-21	PLAN AND PROFILE
24	BRIDGE LAYOUT SHEET
22&23	APPROACH DETAILS
1A	PARCEL LISTING
2&4	STD. SHEETS

APPROVED 11-15-63
M. L. Hayes, acting
CHIEF ENGINEER – INDIANA STATE HIGHWAY COMMISSION

Code 0484
F-448 (19)
US-27 Jay Co.
31 Sheets

SUBMITTED FOR APPROVAL
VOLLMER ASSOCIATES INCORPORATED
DATE: Nov 6, 1963

DONALD A. STOWER, REGISTERED PROFESSIONAL ENGINEER, STATE OF INDIANA, NO. 10002

STATE HIGHWAY DEPARTMENT OF INDIANA.
STANDARD SPECIFICATIONS DATED ~~1957~~ 1963
TO BE USED WITH THESE PLANS.

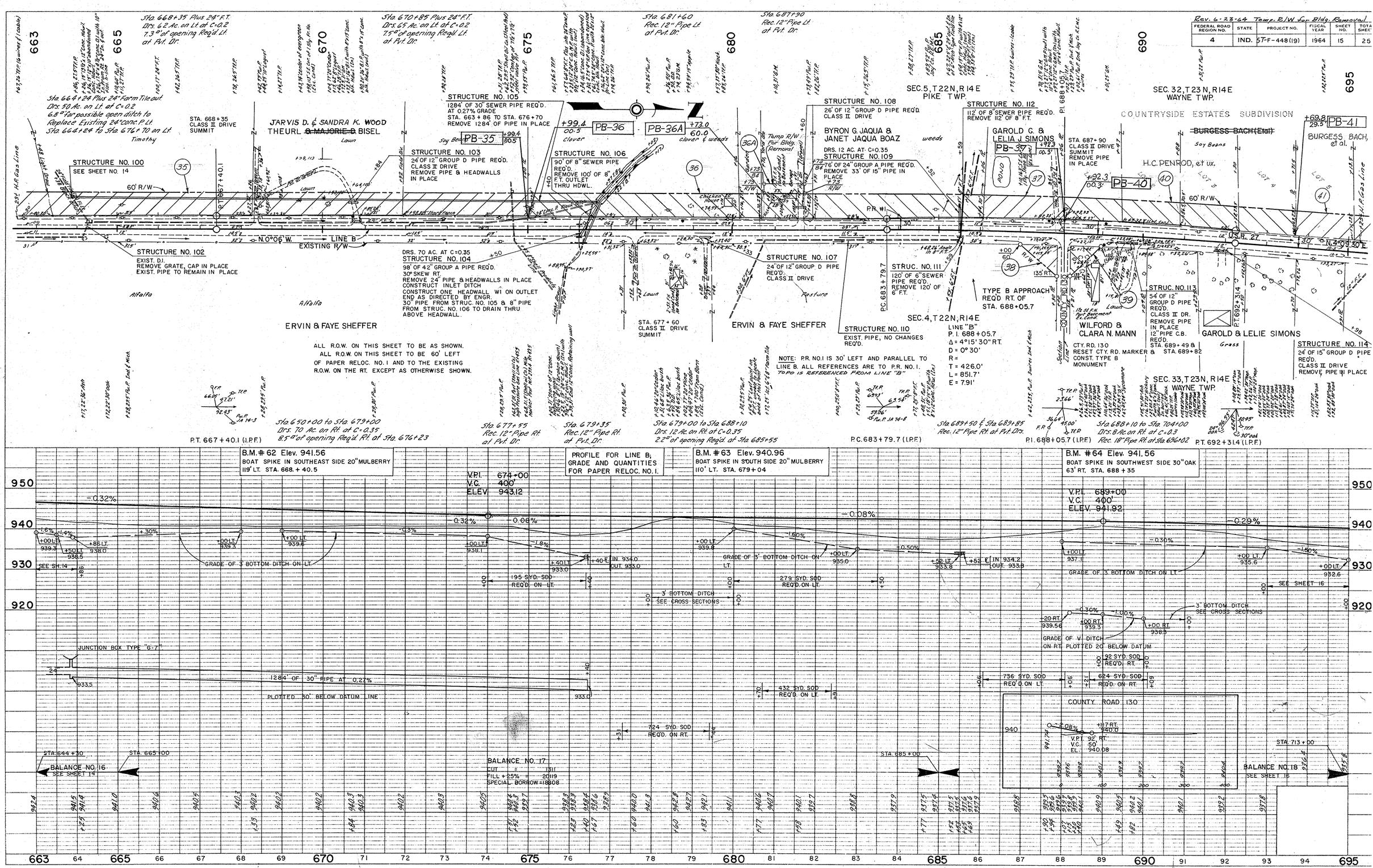
VOLLMER ASSOCIATES, INCORPORATED
CONSULTING ENGINEERS – LOUISVILLE, KENTUCKY

RECOMMENDED FOR APPROVAL 11-15-63
W. H. Behme
ENGINEER OF ROAD DESIGN, INDIANA STATE HIGHWAY COMMISSION

ROAD FILE :-

Rev. 6-23-64 Temp. R/W for Bldg. Removal

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-448(19)	1964	15	25



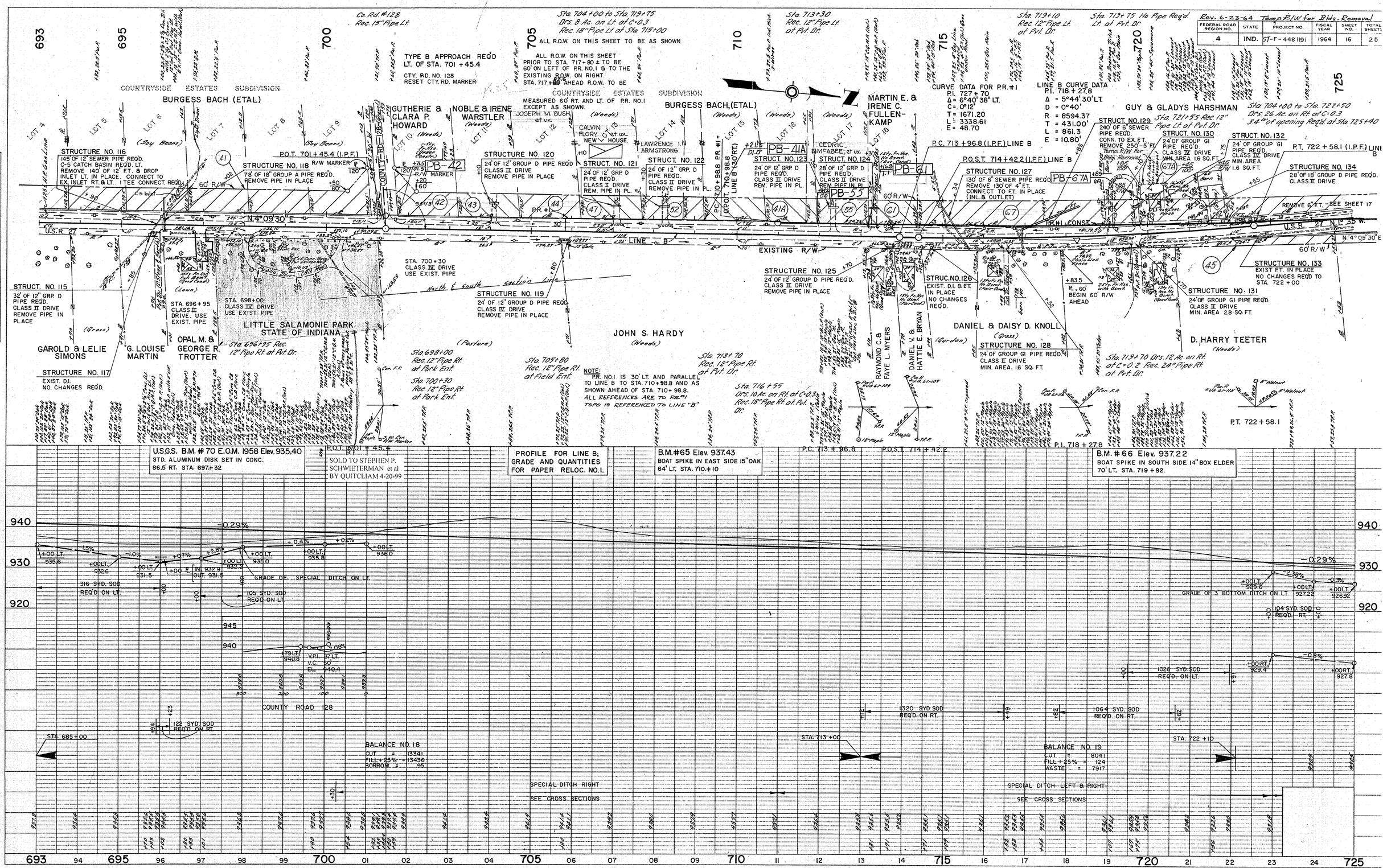
PLAN — SURVEYED: F.S.H.C. PLOTTED: C.M.L. & M.A.C. NOTE BOOK: ALIGNMENT CHECKED: No. 88262 R.W. MON. CHECKED: OF MAT CHECKED: AUG 62 12-62

PROFILE — SURVEYED: F.S.H.C. PLOTTED: C.M.L. & M.A.C. NOTE BOOK: GRADES CHECKED: No. 88262 R.W. MON. CHECKED: STRUCTURE NOTATIONS CHECKED: AUG 62 12-62

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-F-448(19)		15	25	

Rev. 6-23-64 Temp. R/W for Bldg. Removal

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-448 (19)	1964	16	25



PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-F-448(19)		16	25	

Rev. 6-23-64 Temp. R/W for Bldg. Removal

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOT AL SHE TS
4	IND.	ST-F-448(19)	1964	17	25

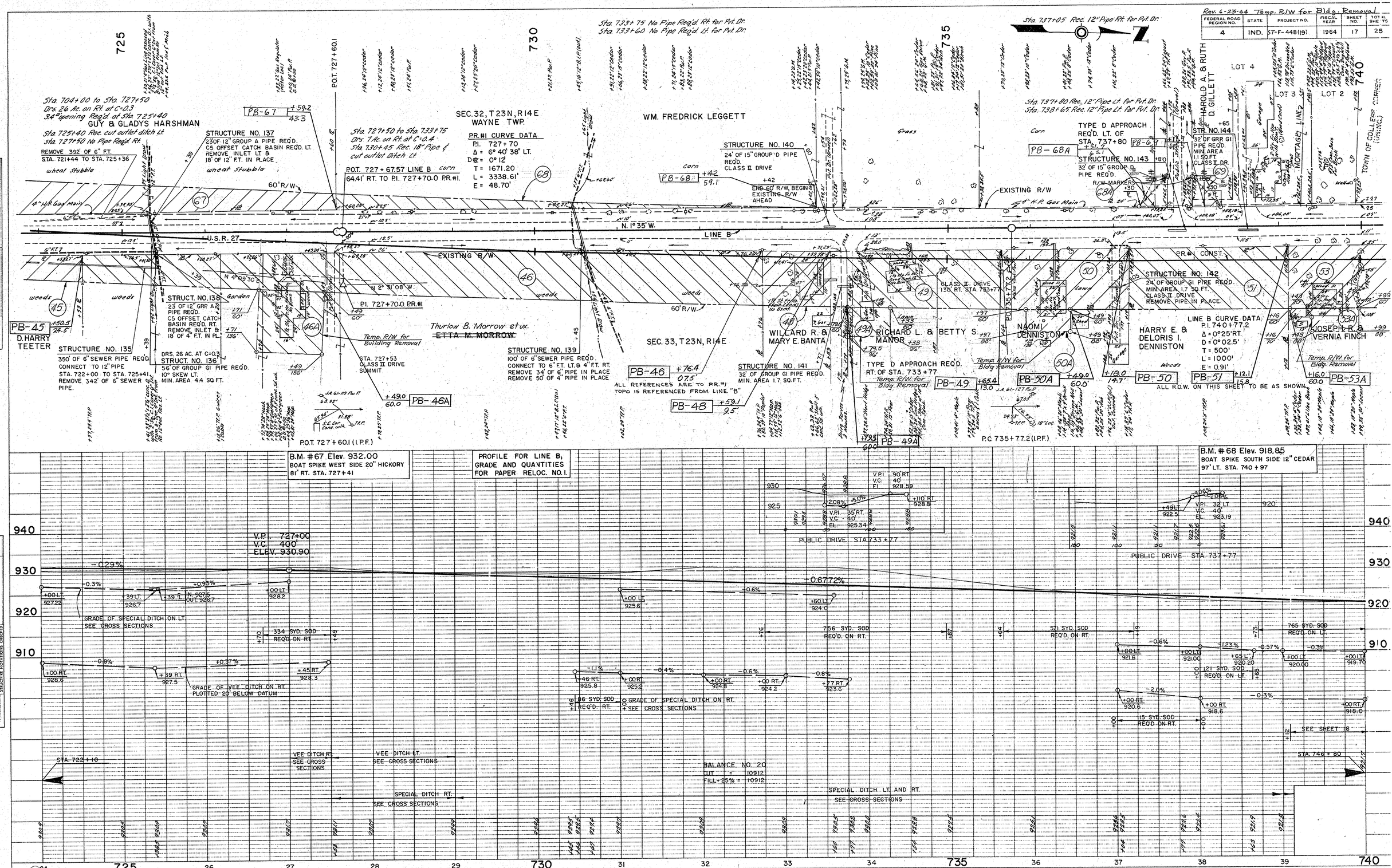


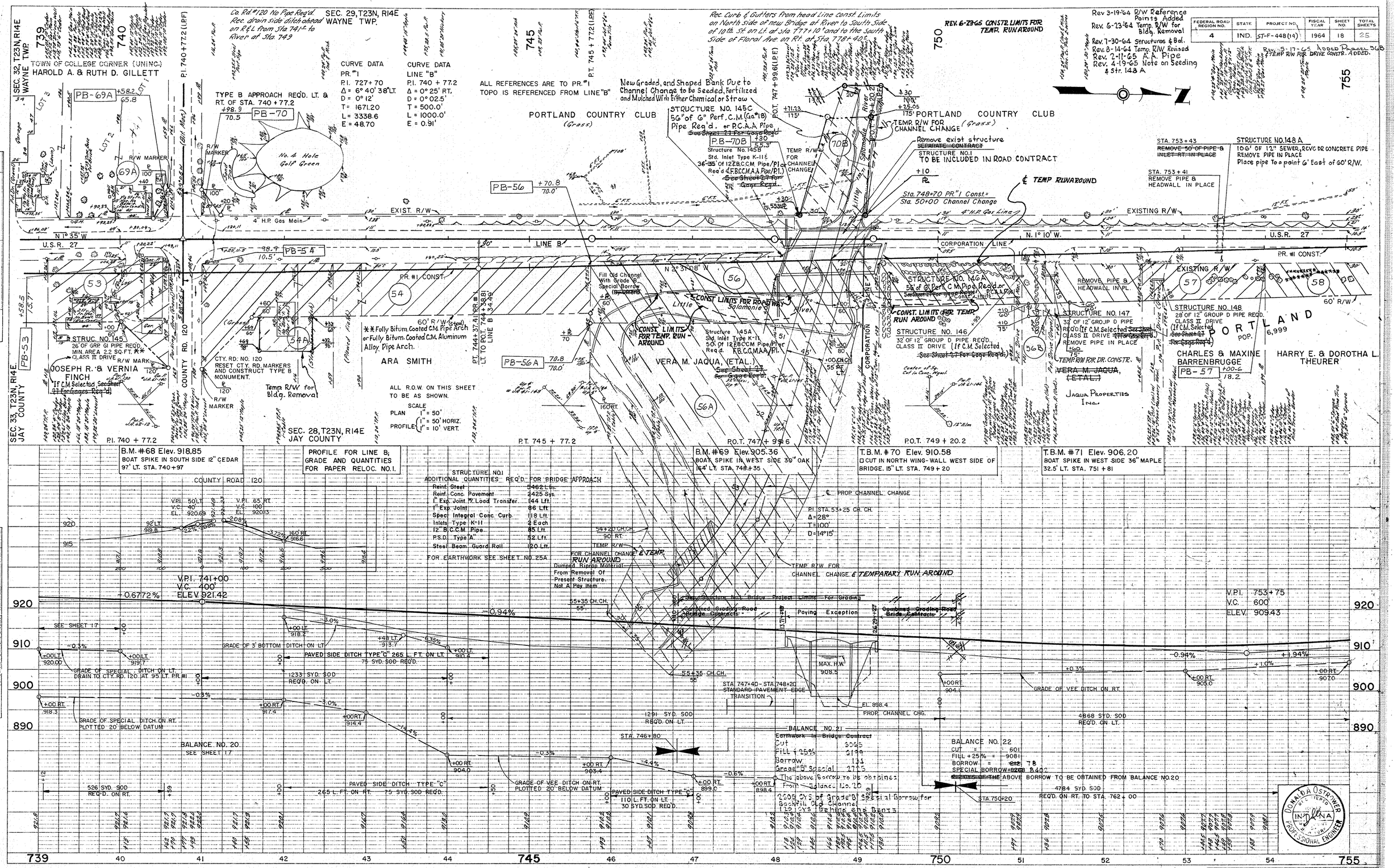
PLATE 1 - PLAN - PROFILE & R. R. STANDARD

November 6, 1961

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-F-448(19)		17	25	

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-448(14)	1964	18	25

Rev. 3-19-64 R/W Reference Points Added
Rev. 6-23-64 Temp. R/W for Bldg. Removal
Rev. 7-30-64 Structures & Bal.
Rev. 8-14-64 Temp. R/W Revised
Rev. 2-11-65 A.A. Pipe
Rev. 4-19-65 Note on Seeding & Str. 148 A
Rev. 5-17-65 Added Parcel 308 & TEMP R/W FOR DRIVE CONSTR. ADDED.



PLAN — SURVEYED, DRAWN, PLOTTED, NOTE BOOK, ALIGNMENT CHECKED, No. 8362, R/W CHECKED — DATE 8-62, 12-62 — BY I.S.H.C., J.M.L.C., T.S.H., J.M.L.C.

PROFILE — SURVEYED, DRAWN, PLOTTED, NOTE BOOK, GRADES CHECKED, No. 8362, B.M.'S NOTED, ESSENTIAL ELEVATIONS CHECKED — DATE 12-62 — BY T.S.H., J.M.L.C.

DONALD A. OSTROWER — REGISTERED — INDIANA — PROFESSIONAL ENGINEER

PLATE 1 - PLAN - PROFILE & R/W STANDARD
November 6, 1961

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-F-448(14)		18		

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-448(19)	1964	5	25

Rev. 3-11-64 R/W

GENERAL NOTES

STATE HIGHWAY COMMISSION OF INDIANA STANDARD SPECIFICATIONS DATED 1960 TO BE USED WITH THESE PLANS.

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

FOR KINDS OF PIPE PERMITTED FOR EACH SIZE & CLASSIFICATION AS SHOWN IN STRUCTURE NOTES, SEE MISC. STANDARD SHEET "P".

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

ALL DITCHES OF 1.0% & OVER SHALL BE SODDED EXCEPT WHERE PAVED SIDE DITCH IS TO BE CONST.

ALL SHOULDER CUT & FILL SLOPES SHALL BE PLAIN OR MULCHED SEEDED EXCEPT WHERE SODDING IS SPECIFIED.

SHOULDERS ARE TO BE SODDED AS SHOWN ON TYPICAL CROSS SECTION. SHEET NO. 5.

EXCAVATION QUANTITIES, AS SHOWN ON PLAN & PROFILE SHEETS, INCLUDE ESTIMATED EXCAVATION FOR PRIVATE & PUBLIC APPROACHES (SEE TABLE ON SHEET NOS. 27 & 28).

ALL CURVES ARE LESS THAN 0° 45' & REQUIRE NO SUPERELEVATION.

SUBSURFACE DRAINS SHALL BE INSTALLED AT LOCATIONS & TO LINE & GRADES AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. (SEE TABLE SHEET NO. 25).

WHERE "SUBSURFACE DRAIN PIPE" IS TAKEN THROUGH SHOULDER FILL, 3 SQ. YDS. OF SOD & 1-TYPE "A" GUIDE POSTS ARE REQ'D AT OUTLET ENDS, SEE TABLE SHEET NO. 25.

ALL TOPO. REFERS TO LINE "B".

HIGHWAY TO BE CONSTRUCTED TO PAPER RELOCATION NO. 1.

TYPICAL CROSS SECTIONS AS SHOWN ON SHEET NO. 2 TO BE USED ON THIS PROJECT.

PAPER RELOCATION TO BE CROSS-SECTIONED BY THE PROJECT ENGINEER BEFORE CONSTRUCTION.

QUANTITIES FOR PIPE CULVERT HEADWALLS ARE BASED ON USING STANDARD HEADWALLS FOR RETAINING 2:1 OR 3:1 SLOPES, AND PRIVATE DRIVE HEADWALLS FOR RETAINING 4:1 OR FLATTER SLOPES.

COUNTY ROADS TO BE TURNED BACK TO COUNTY BEYOND R/W MARKERS AS SHOWN ON PLANS.

CONTRACTION JOINTS SHALL BE PLACED AT THE BEGINING AND END OF ALL RADII, AT STREET AND ALLEY INTERSECTIONS.

THE MINIMUM GRADE FOR "SUBSURFACE DRAINS" SHALL BE 0.20%. WHERE THE PROFILE GRADE IS LESS THAN 0.20%, SPECIAL GRADES FOR SUBSURFACE DRAINS SHALL BE ESTABLISHED BY THE ENGINEER.

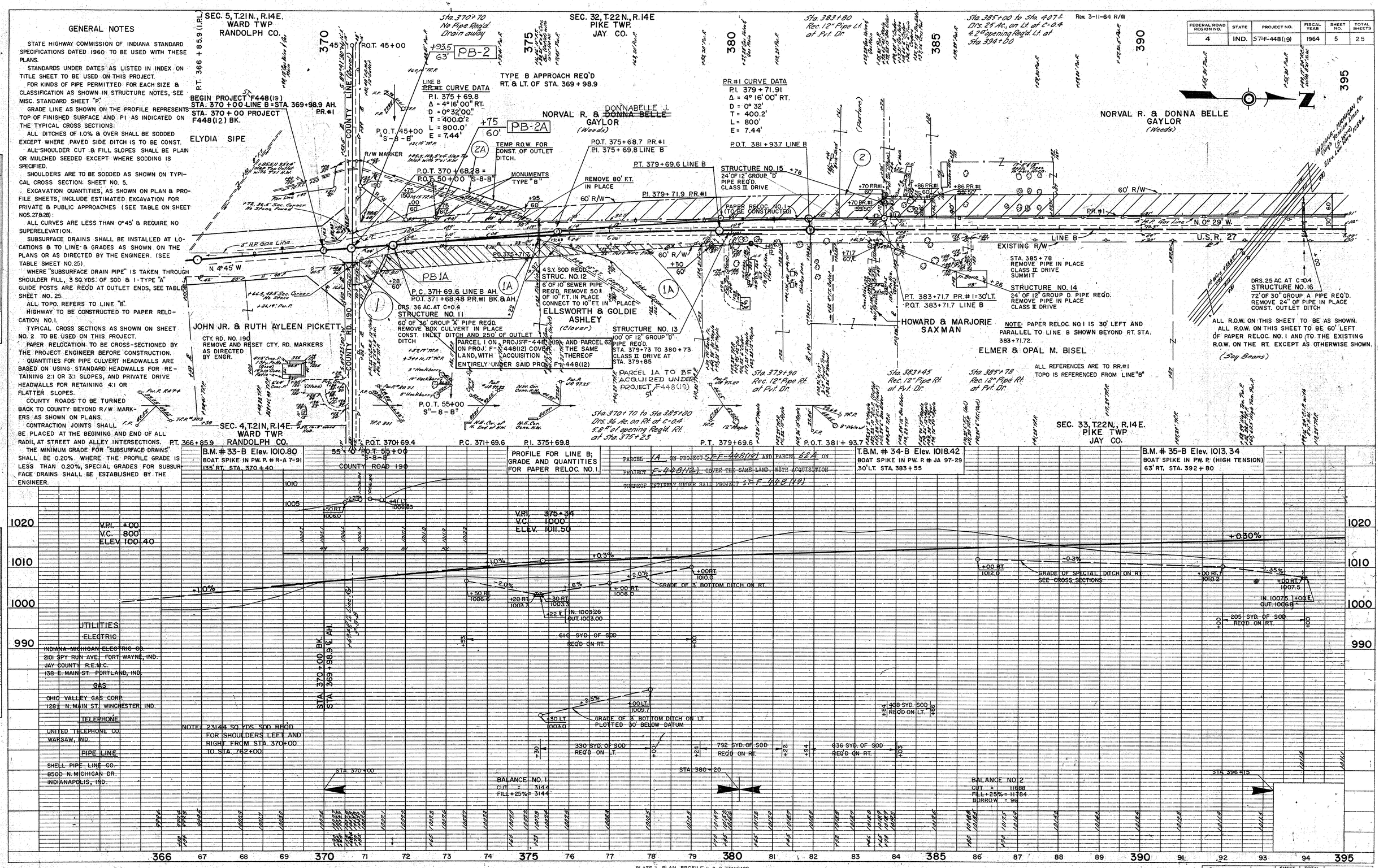


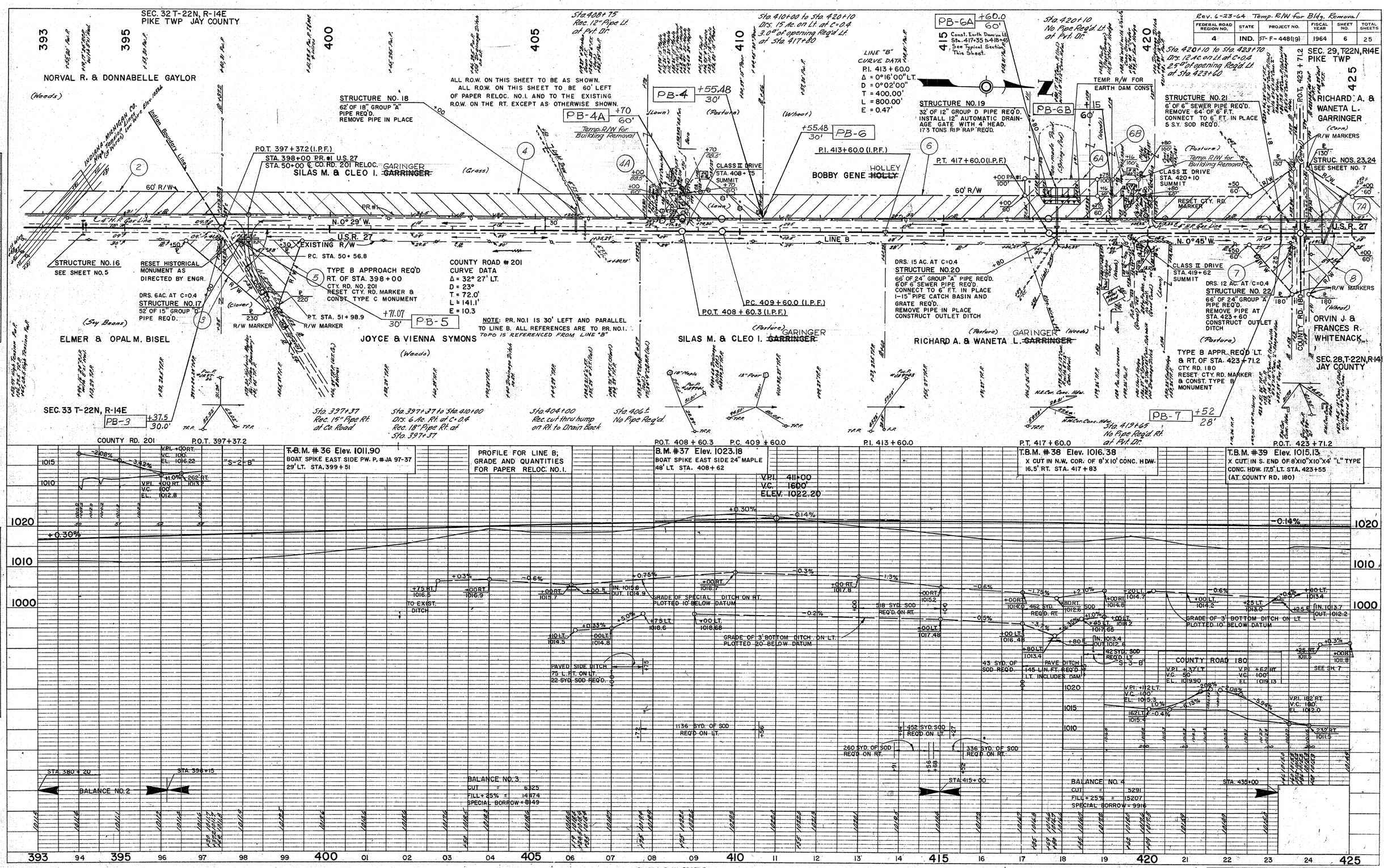
PLATE 1 - PLAN - PROFILE U. R. R. STANDARD

November 6, 1961

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-F-448(19)		5	25	

Rev. 6-23-64 Temp. R/W for Bldg. Removal

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST- F-448(19)	1964	6	25



PLAN — SURVEYED: T.S.H.C. PLOTTED: J.W.J. & M.A.C. ALGEBRAIC CHECKED: R.C. & W.C. CHECKED: R.C. & W.C. NOTE BOOK: 8672L No. 8672L

PROFILE — SURVEYED: PLOTTED: ALGEBRAIC CHECKED: STRUCTURE NOTATIONS CHECKED: NOTE BOOK: 8672L No. 8672L

PLATE 1-- PLAN - PROFILE B. R. R. STANDARD
November 6, 1961

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-F-448(19)		6	25	

PROJECT	STATE	FINAL PLAN NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	448 (22)	1964	7	18

SEC. 32 T.22N. R.14E. PIKE TWP.
SEC. 29, T.22N, R.14E. PIKE TWP.

RICHARD A. & WANETA L. GARRINGER

HERMAN L. & THELMA B. LAWSON

JESSIE & CORA THARP

ORVIN J. & FRANCES R. WHITENACK

NOLAN W. & MYRTLE STAUFFER

ETHEL MAE LAMBURN

SEC. 33, T.22N. R.14E. JAY COUNTY

SEC. 28 T.22N. R.14E. JAY COUNTY

STRUC. NOS. 21 & 22 SHEET NO. 6

REMOVE FT. IN PLACE

STRUCTURE NO. 23
120' OF 6" SEWER PIPE REQ'D.
REMOVE 68' OF 4' FT. IN PLACE
CONNECT TO FT. IN PLACE
4 S.Y. OF SOD REQ'D

R/W MARK

PB-7A

STRUCTURE NO. 23A
130' OF 6" SEWER PIPE REQ'D.
REMOVE 130' OF 4' FT. IN PLACE
CONNECT TO 4' FT. IN PLACE
STA. 423+95 TO 426+90

DRS. 32 AC. AT C=0.4
STRUCTURE NO. 24
66' OF 36" GROUP 'A' PIPE REQ'D.
REMOVE PIPE AT STA. 423+85
CONSTRUCT INLET AND OUTLET DITCHES

P.O.T. 423+71.2

R/W MARKER

PB-8

STY. RD. NO. 160.
RESET CTY. RD. MARKER TYPE B MONUMENT REQ'D

DRS. 8 AC. AT C=0.4
STRUCTURE NO. 25
56' OF 18" GROUP 'A' PIPE REQ'D
REMOVE PIPE IN PLACE

P.O.T. 436+95.5

STRUCTURE NO. 26
6' OF 6" SEWER PIPE REQ'D.
REMOVE 45' OF 6' FT. IN PLACE
8 S.Y. OF SOD REQ'D.
CONNECT TO 6' FT. IN PLACE AND OUTLET INTO ROADWAY DITCH

PB-9

STRUCTURE NO. 27
135' OF 15" SEWER PIPE REQ'D.
1 S. CATCH BASIN REQ'D.
STA. 441+70 - 448+00
REMOVE PIPE & INLET IN PLACE
TEE CONNECTION REQ'D.

STRUCTURE NO. 28
84' OF GROUP G1 PIPE REQ'D.
MIN. AREA 16.6 SQ. FT. REQ'D
10 GAGE
REMOVE STRUCTURE IN PLACE
CONSTRUCT OUTLET DITCH

STRUCTURE NO. 29
C.B. IN PLACE
NO CHANGES REQ'D.

STRUCTURE NO. 31
32' OF 12" GROUP 'D' PIPE REQ'D.
REMOVE PIPE IN PLACE
CLASS 'X' DRIVE
20' WIDE

PB-9A

TEMP. R/W FOR DRIVE CONSTRUCTION

STA. 448+15
CLASS 'X' DRIVE
20' WIDE SUMMIT

DRS. 43 AC. AT C=0.4
STRUCTURE NO. 30
24' OF 15" GROUP 'D' PIPE REQ'D
REMOVE PIPE IN PLACE
CLASS 'X' DRIVE

P.O.T. 448+64.9

STA. 447+93
CLASS 'X' DRIVE
SUMMIT

PB-10A

STRUCTURE NO. 32
24' OF 12" GROUP 'D' PIPE REQ'D.
CLASS 'X' DRIVE

STRUCTURE NO. 33
24' OF 12" GROUP 'D' PIPE REQ'D.
CLASS 'X' DRIVE

DRS. 165 AC. AT C=0.4
STRUCTURE NO. 34
82' OF 6' SEWER PIPE REQ'D.
CONNECT TO STRUCTURE IN PLACE

STA. 437+70
CLASS 'X' DRIVE
SUMMIT

3 SQ. YD. SOD REQ'D.

N.0°45'W.

U.S. 27

EXISTING R/W

LINE B

60' R/W

ALL R.O.W. ON THIS SHEET TO BE AS SHOWN.
ALL R.O.W. ON THIS SHEET TO BE 60' LEFT OF PAPER RELOC. NO. 1 AND TO THE EXISTING R.O.W. ON THE RT. EXCEPT AS OTHERWISE SHOWN.

NOTE: P.R. NO. 1 IS 30' LEFT AND PARALLEL TO LINE B. ALL REFERENCES ARE TO P.R. NO. 1. TOPO IS REFERENCED FROM LINE "B".

P.O.T. 436+95.5 (L.P.F.)

P.O.T. 449+64.9 (L.P.F.)

T.B.M. #39 Elev. 1015.13
X CUT IN S. END OF 8"X10"X10"X4' "L" TYPE CONC. HDW. 17' LT. STA. 423+55 (AT CC. RD. 160)

PROFILE FOR LINE B; GRADE AND QUANTITIES FOR PAPER RELOC. NO. 1.

T.B.M. # 40 Elev. 1016.38
X CUT IN N. END OF 8"X10" CONC. HDW. 13' RT. STA. 436+95

B.M. #41 Elev. 1020.20
BOLT SPIKE EAST SIDE 15" CATALPA 190' LT. STA. 449+89

VPI 441+00
V.C. 400'
ELEV. 1018+00

-0.14%
+0.23%

GRADE OF 5' BOTTOM DITCH ON LT. PLOTTED 10' BELOW DATUM

GRADE OF 5' BOTTOM DITCH ON RT. PLOTTED 40' BELOW DATUM

GRADE OF 5' BOTTOM DITCH ON LT.

GRADE OF SPECIAL DITCH ON RT. PLOTTED 40' BELOW DATUM

INLET 1013.0
OUTLET 1012.5

INLET 1014.3
OUTLET 1012.8

INLET 1009.1
OUTLET 1007.1

SOD DITCH
56 SQ. YDS. REQ'D LT.

113 SYD. SOD REQ'D ON LT.

SOD DITCH
63 SQ. YDS. REQ'D LT.

300 SYD. SOD REQ'D ON LT.

344 SYD. SOD REQ'D ON LT.

US INLET PSD TYPE "A" REQ'D ON LT.
33 YDS. SOD REQ'D

INLET PSD TYPE "A" REQ'D ON LT.
37 YDS. SOD REQ'D

438 SYD. SOD REQ'D ON RT.

307 SYD. SOD REQ'D ON RT.

740 SYD. SOD REQ'D ON RT.

519 SYD. SOD REQ'D ON RT.

408 SYD. SOD REQ'D ON RT.

398 SYD. SOD REQ'D ON RT.

STA. 433+00

BALANCE NO. 4
SEE SHEET 6

BALANCE NO. 5
CUT = 8835
FILL 85% = 14046
SPECIAL BURROWS 7112

423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455

PROFILE
HORIZONTAL 1" = 100'
VERTICAL 1" = 10'
NOTEBOOK
SHEET NO.
No. 5

PLANS & PROFILE S.R.B.P. STANDARD

November 6, 1961

REV. 4-7-65 RELOCATE DRIVE
Rev. 2-8-65 Elim Str. 38 & PVT. DR.
REV. 1-27-65 R/W
Rev. 6-23-64 Temp. R/W for Bldg. Removal

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-448(19)	1964	8	25

REV. 2-11-65 A.A. PIPE

Sta. 458+70 No Pipe Req'd. Rt. at Pvt. Dr.
Sta. 458+45 No Pipe Req'd. Rt. at Pvt. Dr.

Sta. 458+60 Rec. Rt. ditch be cut to drain Ahead
Sta. 463+40 No Pipe Req'd. Lt. at Field Ent.

Sta. 463+00 to Sta. 476+65
Drs. 18 Ac. on Lt. at C=0.3
2.6' opening Req'd. Sta. 476+55

Sta. 458+60 to 476+65
Drs. 6 Ac. on Rt. at C=0.35
Rec. 18" in Rt. ditch or drain
away under Co. Rd.

Sta. 471+10 Rec. 12" Pipe Lt. at Pvt. Dr.

SEC. 29, T.22N, R.14E.
PIKE TWP.

SEC. 20, T.22N, R.14E.
PIKE TWP. JAY COUNTY

Sta. 458+60 to Sta. 492+95
Drs. 24 Ac. on Rt. at C=0.35
3.8' opening Req'd. at
Sta. 483+70

Sta. 476+85 Drs. 6 Ac. Rt. at C=0.35
Rec. 18" Pipe at Pvt. Dr.

Sta. 484+20 & Sta. 485+80
Drs. 22 Ac. on Lt. at C=0.3
Rec. 24" Pipes at Pvt.
Dr. on Lt.

453 455 460 465 470 475 480 485

~~JESSE~~ ~~JESSIE~~ & CORA THARP ET AL.
(Soy Beans) (Weeds)

ALVA, ELEY E. ET UX.
~~ALEXANDER GARRINGER~~
(Corn) (Soy Beans)

ALEXANDER GARRINGER
(Soy Beans)

ARTHUR & MILDRED MICHAEL
(Corn) (Lawn)

Sta. 476+85 Pvt. Dr. Rt. Should be eliminated
& let resident use drive from Co. Rd. 170

STRUCTURE NO. 35
24' OF 12" GROUP "D" PIPE REQ'D.
CLASS "V" DRIVE *

CLASS II DRIVE
SUMMIT
STA. 458+00

+42.9 PB-11 30'

P.O.T. 463+44.0 (I.P.F.)

Temp. R/W for Building Removal +37 PB-11A +37 60'

CLASS II DRIVE
STA. ~~470+45~~ 473+00

STRUCTURE NO. 36
80' OF 15" GROUP "D" PIPE REQ'D. *
CLASS II DRIVE STA. 471+67 ~~473+00~~
REMOVE 5' PIPE IN PLACE *
STA. ~~470+95~~ TO ~~471+15~~ 472+90

TYPE B APPROACH
REQ'D RT. & LT. OF
STA. 476+64.6

R/W MARKER

+85.9 PB-14 30'

R/W MARKER

P.I. 476+64.6 (I.P.F.)
(No Curve Data)
Δ=0°01'30" LT.
DRS. 6 AC. AT C=0.35
STRUCTURE NO. 37A
32' OF 24" GROUP "D" PIPE REQ'D.
REMOVE 30' OF 12" PIPE IN PLACE *

STRUCTURE NO. 38
SEE SHEET NO. 9

U.S. 27 N.0°45'W. 60' R/W LINE B EXISTING R/W 60' R/W U.S. 27 N.0°46'30"W. 60' R/W

4" N.P. Gas Line

CLASS II DRIVE
SUMMIT
STA. 458+44 & 458+71

STRUCTURE NO. 37
78' OF 6" SEWER PIPE REQ'D
REMOVE 78' OF 6" F.T. IN PLACE
CONNECT TO F.T. IN PLACE

R/W MARKERS

+50 PB-12 30'

ABANDON DRIVE AT STA. 476+86
CONSTRUCT CLASS II DRIVE
SUMMIT
STA. 477+~~30~~ +61

+80 PB-13 30'

COUNTY RD. 170

(Soy Beans) (Lawn) (Wheat) (Wheat) (Lawn) (Weeds)

ETHEL MAE LAMBURN

GEO. ELLIOTT
~~ETHEL MAE LAMBURN~~

CTY. RD. NO. 170
REMOVE AND RESET CTY. RD. MARKERS AND
CONSTRUCT TYPE B MONUMENT
AS DIRECTED BY ENGR.

FRED & AMMA JACKSON

ALL R.O.W. ON THIS SHEET TO BE AS SHOWN.
ALL R.O.W. ON THIS SHEET TO BE 60' LEFT
OF PAPER RELOC. NO. 1 AND TO THE EXISTING
R.O.W. ON THE RT. EXCEPT AS OTHERWISE SHOWN.

NOTE: P.R. NO. 1 IS 30' LEFT AND PARALLEL
TO LINE B. ALL REFERENCES ARE TO P.R. NO. 1.
TOPO IS REFERENCED FROM LINE "B"

* IF C.M. SELECTED SEE SHEET NO. 24
CONST. PROJ. FOR GAGES REQ'D.
Ga. # 16CM

SEC. 28, T.22N, R.14E

SEC. 21, T.22N, R.14E

P.O.T. 463+44.0 (I.P.F.)

P.I. 476+64.6 (I.P.F.)

B.M. #42 Elev. 1019.93
BOAT SPIKE IN WEST SIDE 24" HICKORY
86' RT. STA. 458+64

PROFILE FOR LINE B;
GRADE AND QUANTITIES
FOR PAPER RELOC. NO. 1.

B.M. #43 Elev. 1018.24
BOAT SPIKE IN EAST SIDE 12" CATALPA
77' LT. STA. 471+31

B.M. #44 Elev. 1011.25
BOAT SPIKE IN WEST SIDE 30" OAK
171' RT. STA. 476+79

B.M. #45 Elev. 1005.78
BOAT SPIKE IN EAST SIDE 24" CHIN. ELM
156' LT. STA. 484+57

V.P.I. 464+00
V.C. 1200'
ELEV. 1023.29

1020 1010 1000

+0.23% -0.71% -0.3% +0.23% -0.58% -1.60% -0.70% -1.50% -0.80% -0.40% -0.71%

+50 LT. 1018.8
+00 LT. 1018.4
+00 LT. 1016.3
+00 LT. 1014.0
+00 LT. 1010.8
+00 LT. 1008.0
+00 LT. 1005.0
+00 LT. 1003.4
+00 LT. 1002.0

GRADE OF 3' BOTTOM DITCH ON LT.

SOD DITCH
167 SQ. YDS. REQ'D

SOD DITCH LT.
167 SQ. YDS. REQ'D

+4.35% +0.3% +00 LT. 1017.8 +00 LT. 1019.0
GRADE OF 3' BOTTOM DITCH ON LT.
PLOTTED 10' BELOW DATUM

PAVE DITCH
SEE SHEET 7

+92 516 SYD. SOD REQ'D. RT. +21

COUNTY ROAD 170

V.P.I. 82' RT.
V.C. 100'
EL. 1012.61

+00 RT. 1004.6 -0.60% +00 RT. 1002.8
GRADE OF SPECIAL DITCH PLOTTED 20' BELOW DATUM.
SEE CROSS SECTIONS

+2.25% +1.20% +0.40% +1.00% +00 RT. 1012.5 +00 RT. 1014.8 +00 RT. 1016.0 +00 RT. 1016.4 +00 RT. 1018.2
76 SYD. SOD REQ'D. RT.
GRADE OF SPECIAL DITCH PLOTTED
10' BELOW DATUM. SEE CROSS SECTIONS.
SEE SHEET 7
356 SYD. SOD REQ'D. RT.
271 SYD. SOD REQ'D. RT.
40 SYD. SOD REQ'D. RT.

+30 +23 308 SYD. SOD REQ'D. ON LT.

-2.08% -2.08% -2.82% +132 RT. 1011.2
120 LT. 1015.0 -1.68%
V.P.I. 95' LT.
V.C. 50'
EL. 1012.58

+36 SEE SHEET 9

STA. 415+00
BALANCE NO. 5
SEE SHEET 7

STA. 455+00

BALANCE NO. 6
CUT = 922
FILL + 25% = 5520
SPECIAL BORROW = 7598

STA. 475+00
BALANCE NO. 7
SEE SHEET 9

STA. 501+70

453 54 455 56 57 58 59 460 61 62 63 64 465 66 67 68 69 470 71 72 73 74 475 76 77 78 79 480 81 82 83 84 485

PLATE 1 - PLAN - PROFILE B. R. P. STANDARD
November 6, 1961

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-F-448(19)		8	25	

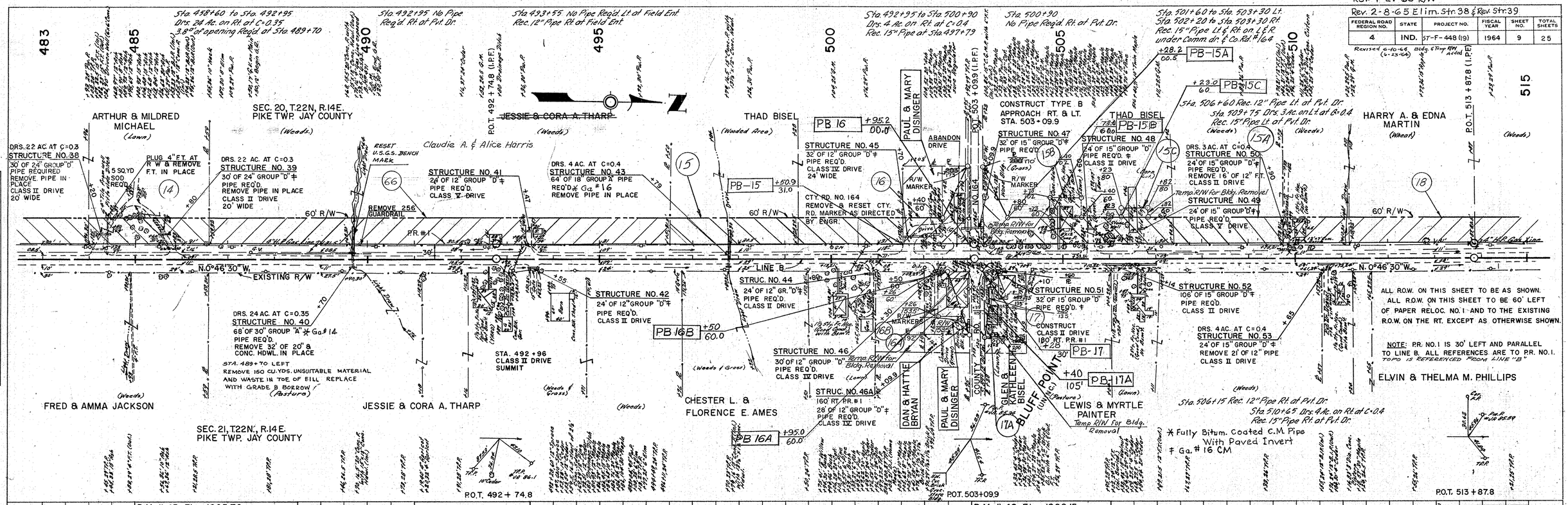
PLAN — NOTE BOOK No. 8846 — SURVEYED — PLOTTED — COMPUTED — CHECKED — R/W MAPS NOTED — RT. OF WAY CHECKED — BY F.S.H.C. — DATE 7-1-62

PROFILE — NOTE BOOK No. 8846 — SURVEYED — PLOTTED — COMPUTED — CHECKED — B. M.'s NOTED — STRUCTURE NOTATIONS CHECKED — BY F.S.H.C. — DATE 7-1-62

REV. 7-16-65 ADDED STR. 38 & REV. STR. 39
REV. 1-27-65 R/W
Rev. 2-8-65 Elim. Str. 38 & Rev. Str. 39

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-448 (19)	1964	9	25

Revised 6-10-64 Bldg. & Temp R/W Added (6-23-64)



PLAN	
SURVEYED	
PLOTTED	Z.S.G. 2-62
TRACING CHECKED	J.W.L. 2-62
B. M.'s NOTED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK	
No. 8894	RT. OF WAY CHECKED

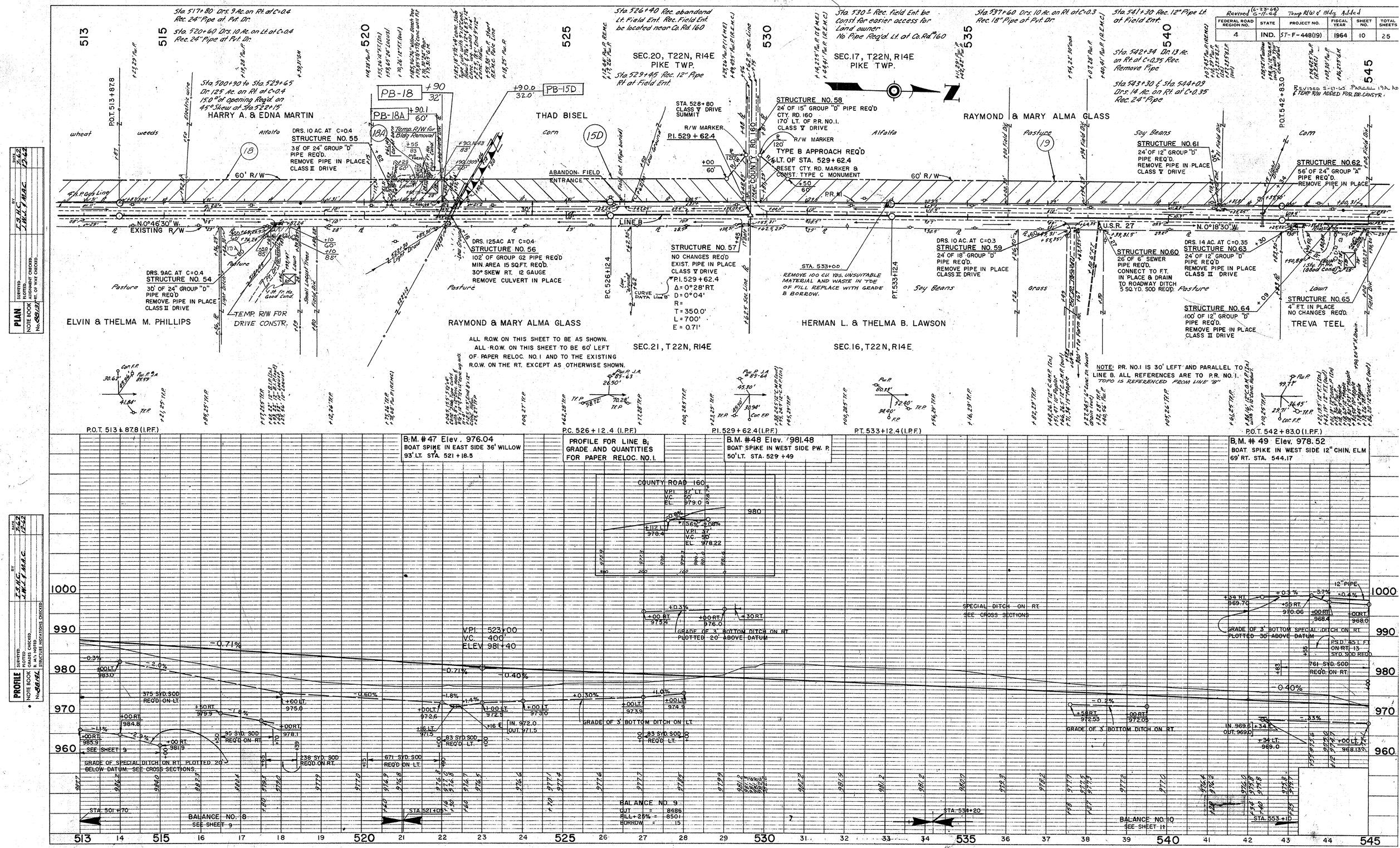
PROFILE	
SURVEYED	
PLOTTED	Z.S.G. 2-62
TRACING CHECKED	J.W.L. 2-62
B. M.'s NOTED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK	
No. 8894	

PLATE 1 - PLAN - PROFILE U. R. R. STANDARD
November 6, 1961

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-F-448 (19)		9	25	

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-448(19)	1964	10	25

Revised (6-23-64) 6-11-64 Temp R/W & Bldg Added



PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-F-448(19)		10	25	

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	57-F-448 (19)	1964	11	25

REV. 6-23-64 TEMP. R/W FOR BLDG. REMOVAL

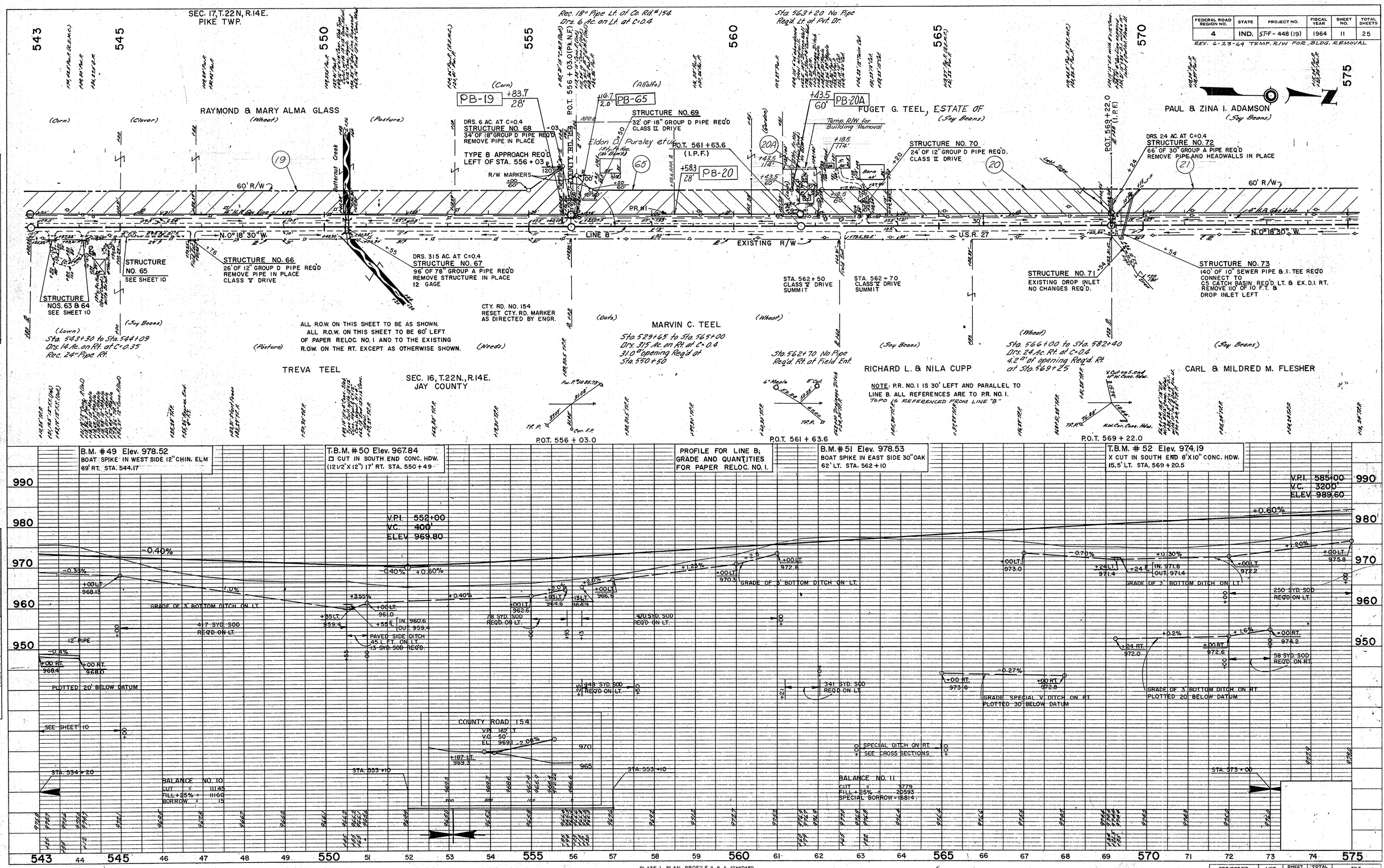


PLATE 1 - PLAN - PROFILE O. R. R. STANDARD

November 6, 1961

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
57-F-448 (19)		11	25	

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-448(19)	1964	12	25

Rev. 6-23-64 Temp R/W for Bldg. Removal

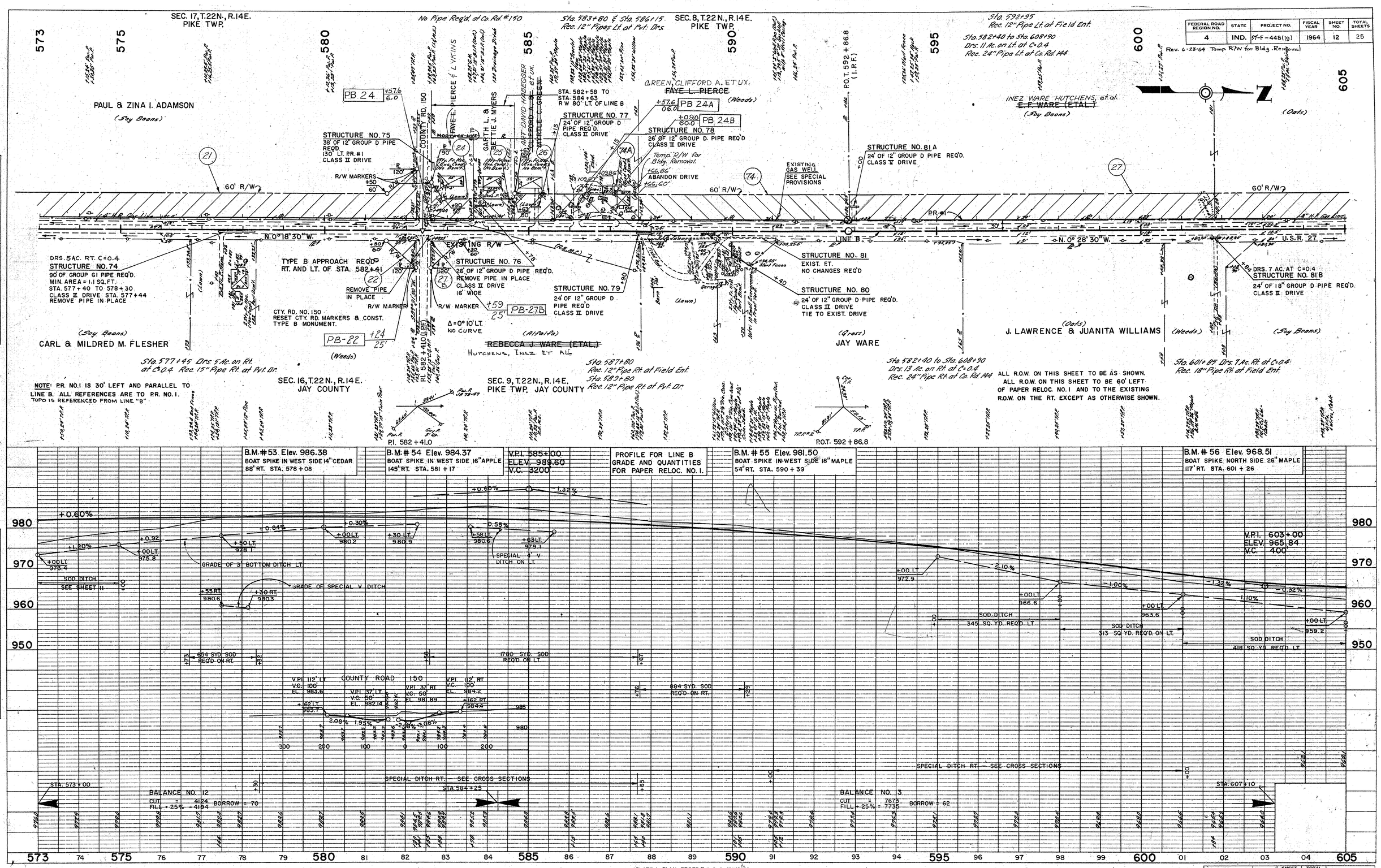


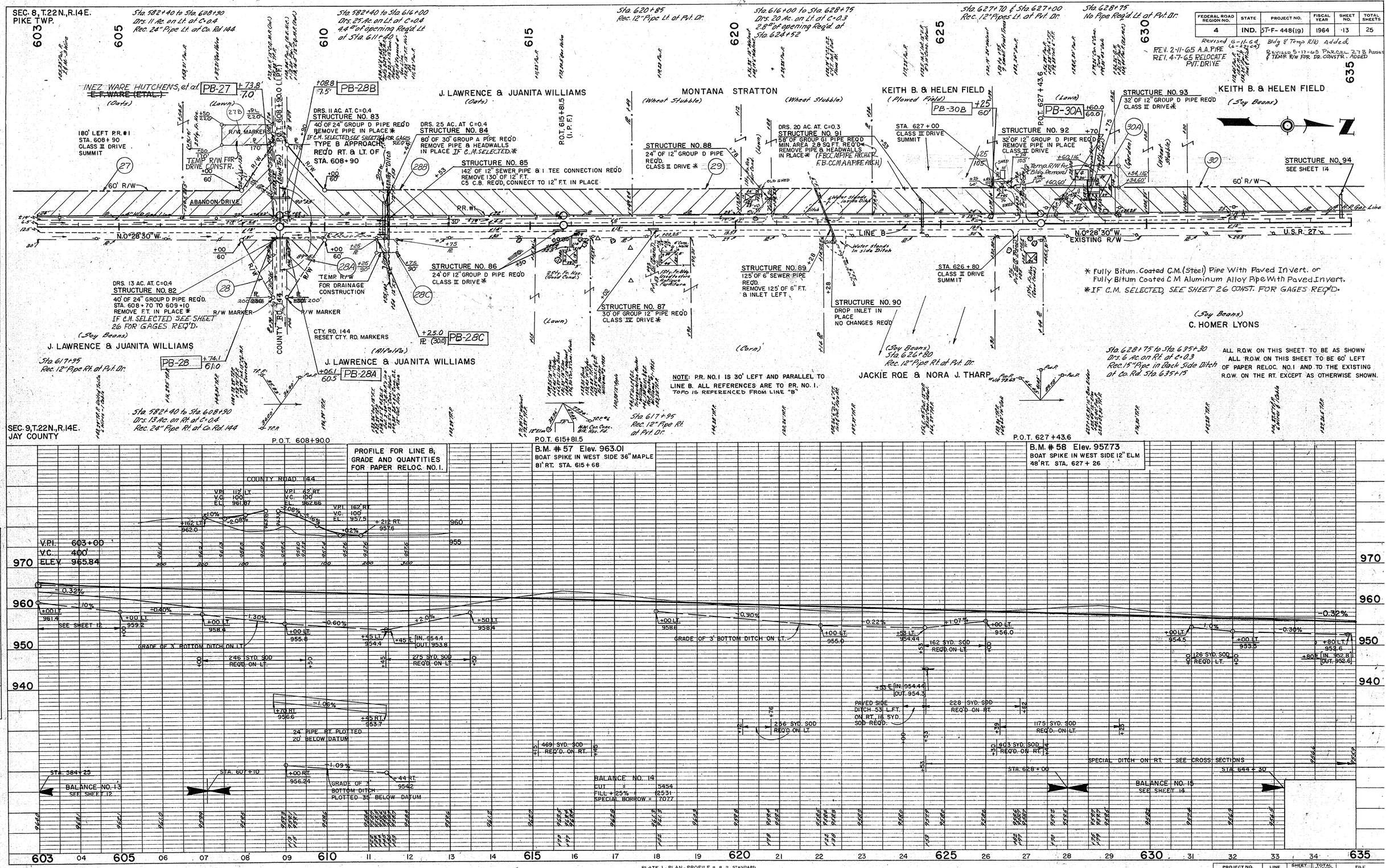
PLATE I - PLAN - PROFILE U. R. R. STANDARD

November 6, 1961

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-F-448(19)		12	25	

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-448(19)	1964	13	25

Revised 6-16-64 (6-22-64) Bldg & Temp R/W Added
REV. 2-11-65 A.A. PIPE
REV. 4-7-65 RELOCATE PVT. DRIVE
Revised 5-17-65 PARCEL 27B ADDED & TEMP R/W FOR DR. CONSTR. ADDED



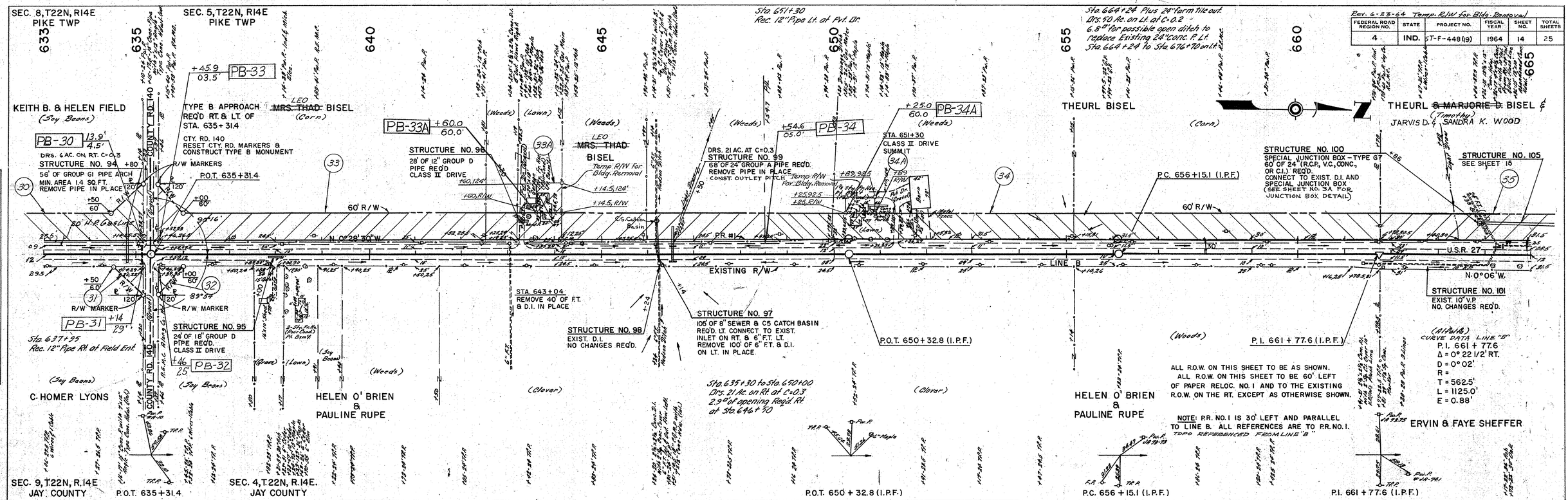
PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-F-448(19)		13	25	

PLAN — SURVEYED; PLOTTED; ALIGNMENT CHECKED; R.W. OF WAY CHECKED; NOTE BOOK No. 88-32; BY: J.S.H.C., J.W.L., E.M.A.C.; DATE: 8-62, 12-62

PROFILE — SURVEYED; PLOTTED; GRADES CHECKED; B.M.'S NOTED; STRUCTURE NOTATIONS CHECKED; NOTE BOOK No. 88-32; BY: J.S.H.C., J.W.L., E.M.A.C.; DATE: 8-62, 12-62

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-448(19)	1964	14	25

Rev. 6-23-64 Temp. R/W for Bldg. Removal



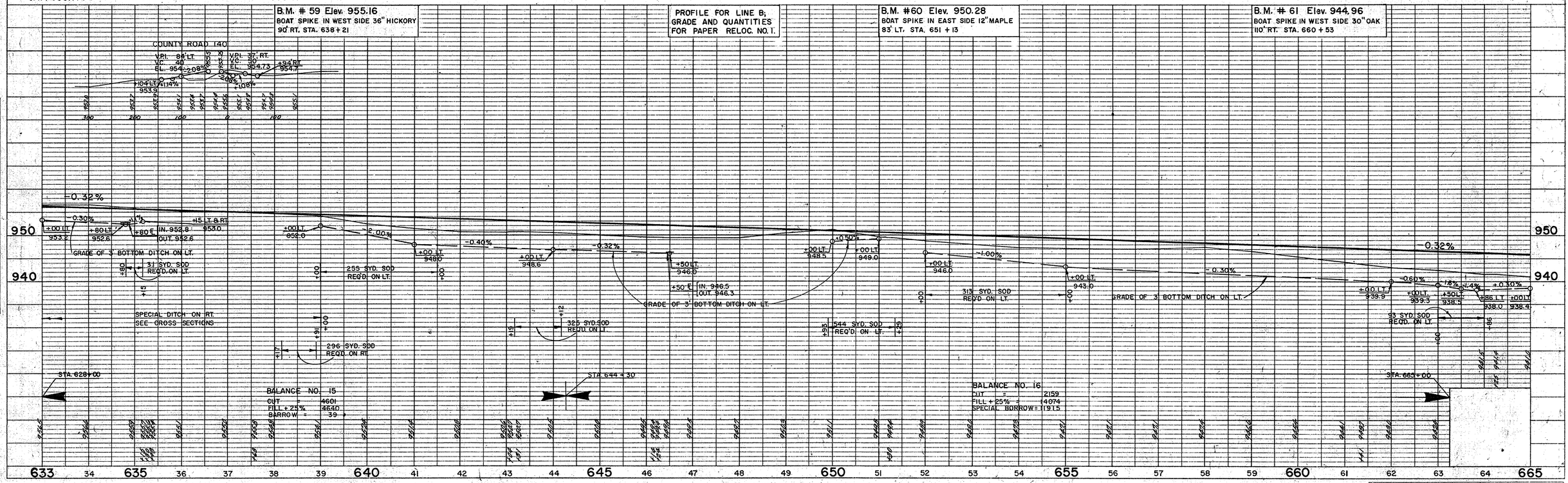


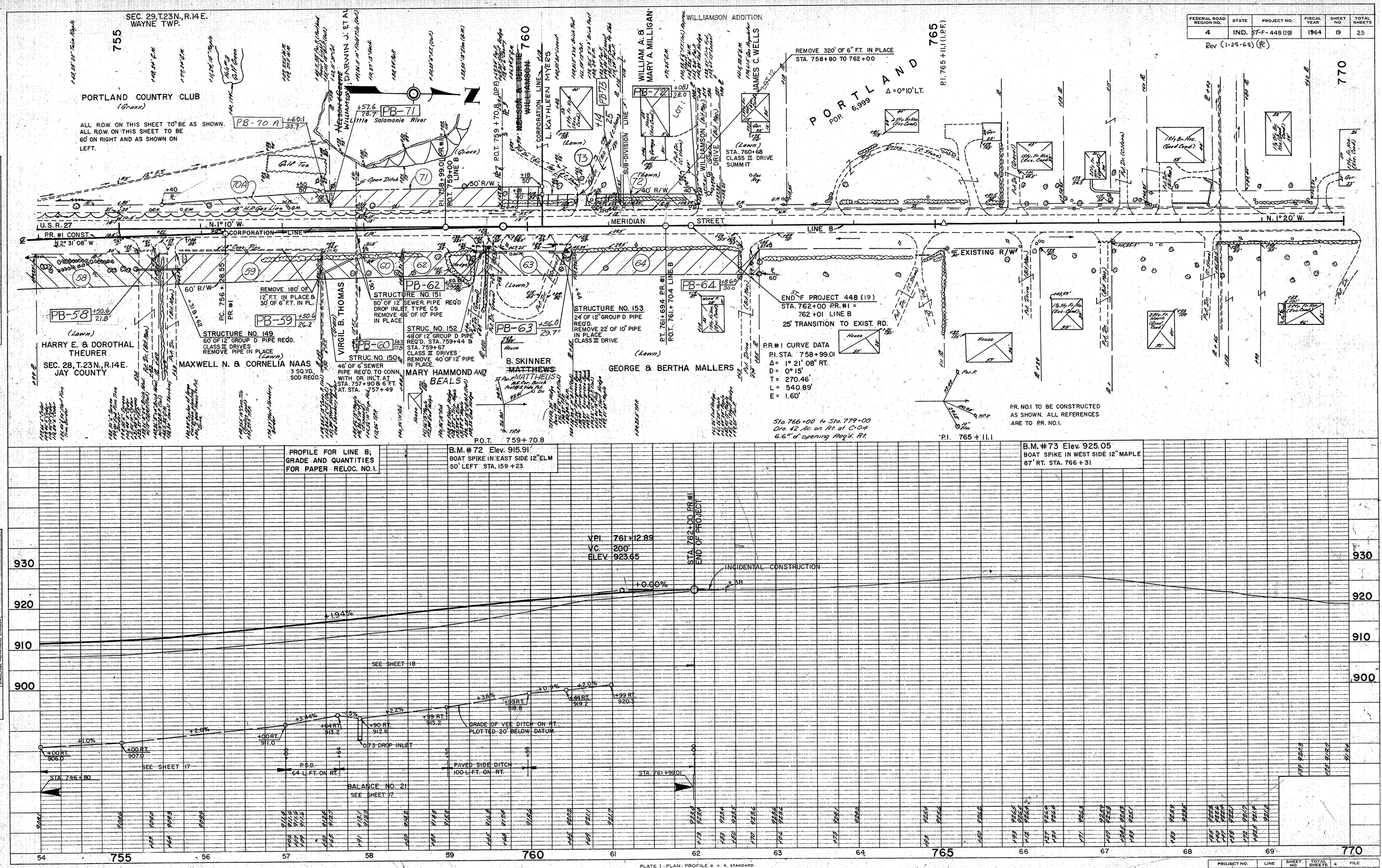
PLATE 1 - PLAN - PROFILE B. R. R. STANDARD

November 6, 1961

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-F-448(19)		14	25	

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-448 (19)	1964	19	25

Rev (1-25-65) (R)



PLAN — SURVEYED F.S.H.C. — PLOTTED J.M.L. & M.A.C. — NOTE BOOK — ALIGNMENT CHECKED — GRADES CHECKED — STRUCTURE NOTATIONS CHECKED — No. 8822 — DATE 8-62 12-62

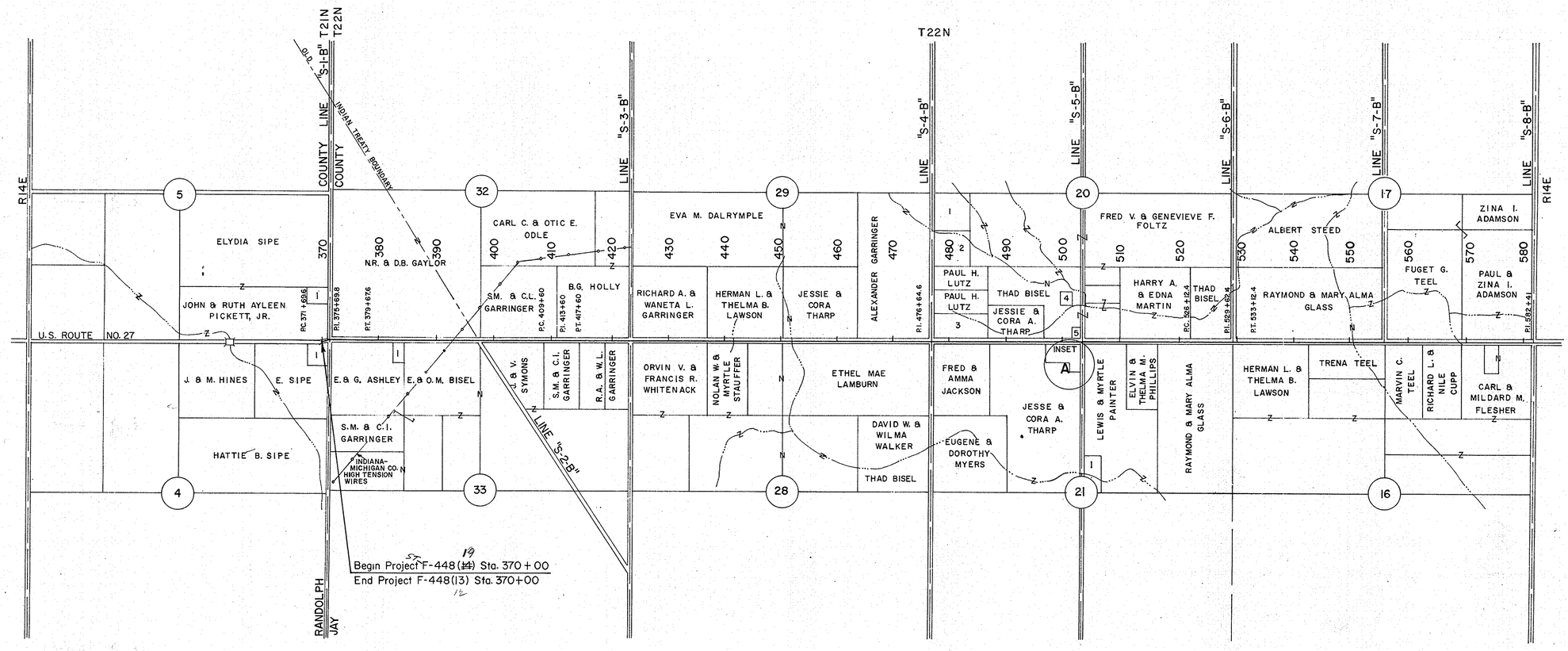
PROFILE — SURVEYED F.S.H.C. — PLOTTED J.M.L. & M.A.C. — NOTE BOOK — GRADES CHECKED — ALIGNMENT CHECKED — STRUCTURE NOTATIONS CHECKED — No. 8824 — DATE 8-62 12-62

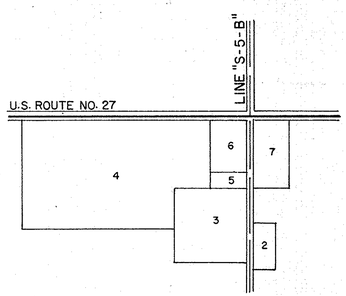
PLATE 1 - PLAN - PROFILE B. R. R. STANDARD
November 6, 1961

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-F-448(19)		19	25	

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	57-F-448(19)	1964	20	25

SECTION	PARCEL	OWNERS
5	1	HERMAN & MARGARET R. HARDWICK
4	1	JOHN & RUTH AYLEEN PICKETT, JR.
33	1	HOWARD & MARJORIE SAXMAN
20	1	EVERETT & DORIS BAILEY
	2	PAUL & PAULINE H. ALBERTSON
	3	ARTHUR & MILDRED MICHAEL
	4	CEMETARY
	5	PAUL & MARY DISINGER
21	1	DARRELL M. & SARAH A. FORD
	2	FRIENDS CHRUCH
	3	PIKE TWP TRUSTEE
	4	CHESTER L. & FLORENCE E. AMES
	5	DAN V. & HATTIE BRYAN
	6	PAUL & MARY DISINGER
	7	GLEN & KATHLEEN BISEL





INSET "A"
BLUFF POINT (Uninc.)
SCALE: 1"=200'

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

REVISIONS

PROJECT NO. F-448(20)

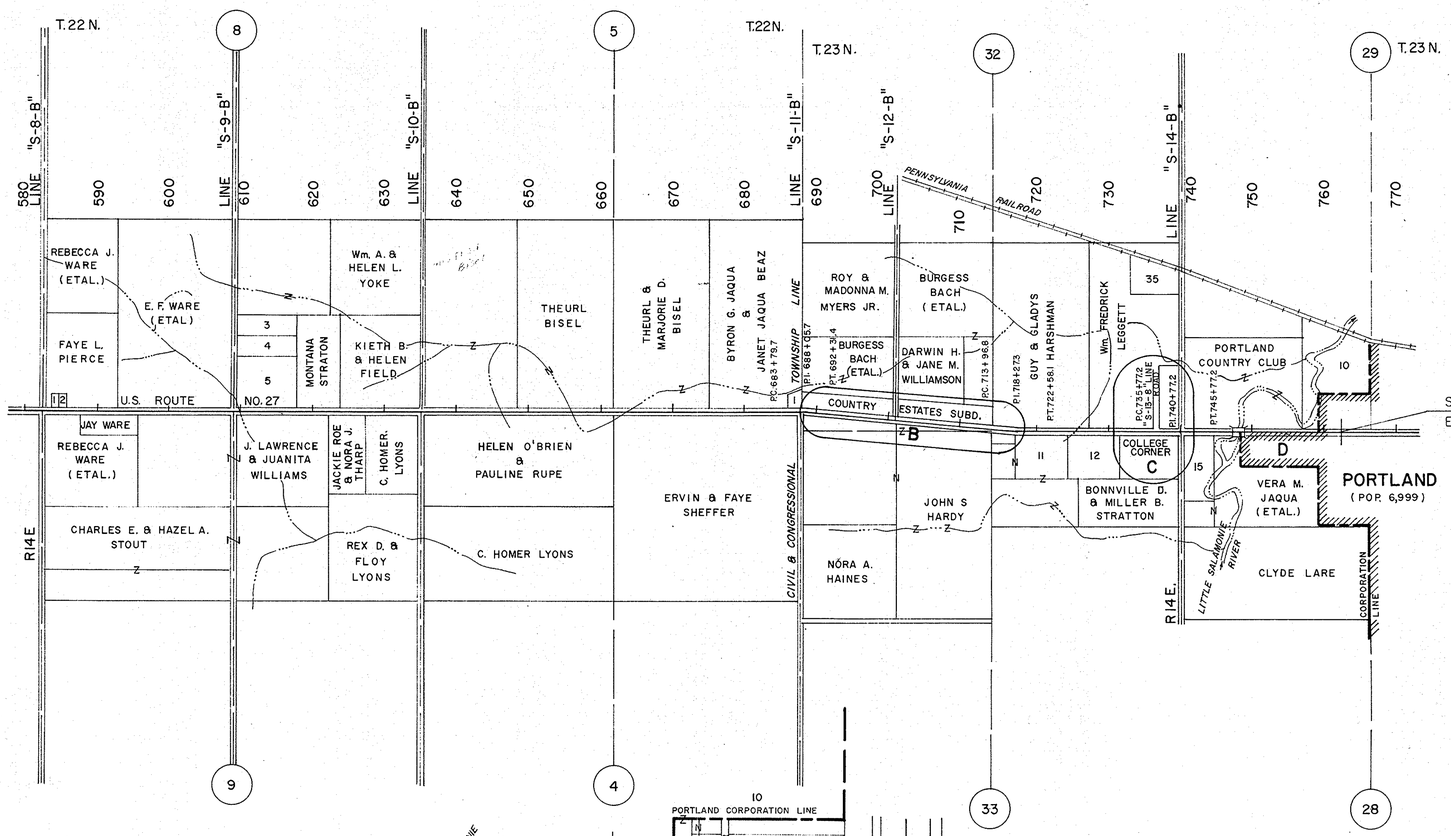
STATE OF INDIANA
JAY COUNTY

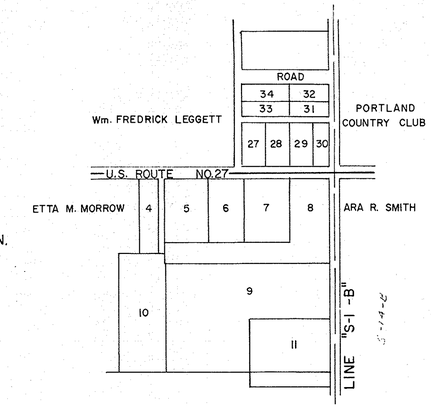
VOLLMER ASSOCIATES, INC.
CONSULTING ENGINEERS
LOUISVILLE, KENTUCKY

DRAWN BY DATE
CHECKED BY DATE
BOOK NUMBER
PROJECT NO.
SHEET NO. 1 of 2

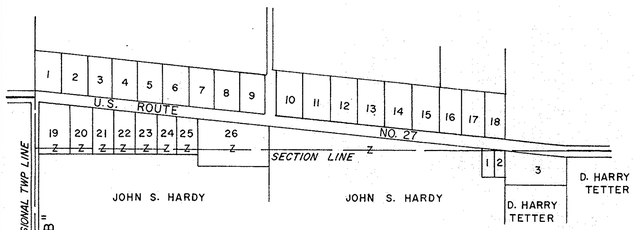
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	57-F-448(19)	1964	21	25

SECTION	PARCEL	OWNERS
8	1	GARTH L. & BETTIE J. MYERS
	2	CLIFFORD A. & MYRTLE C. GREEN
	3	DUDLEY & HELEN SCHWARTZ
	4	MAUD M. MONTGOMERY
	5	J. LAWRENCE & JUANITA WILLIAMS
5	1	GAROLD C. & LELIA J. SIMONS
32	1,2,3,4,5,6,7,	BURGESS BACH (ETAL.)
	8,9,12,13,14	BURGESS BACH (ETAL.)
	15,16,17	BURGESS BACH (ETAL.)
	10	GUTHRIE & CLARA P. HOWARD
	11	NOBLE & IRENE WARSTLER
	18	MARTIN E. & IRENE C. FULLENKAMP
	19	WILFORD & CLARA N. MANN
	20,21,22,23	GAROLD & LELIA SIMONS
	24	G. LOURSE MARTIN
	25	OPAL M. & GEORGE R. TRETTER
	26	STATE OF INDIANA REST PARK
	27,28,29,30	HAROLD A. & RUTH D. GILLETT
	31,32,33,34	CLYDE L. & JENNIE L. CORLE
32	35	RALPH J. & LILLIAN R. PRICE
33	1	RAYMOND C. & FAYE L. MYERS
	2	DANIEL V. & HATTIE E. BRYAN
	3	DANIEL & DAISY D. KNOLL
	4	WILLARD R. & MARY E. BANTA
	5	RICHARD L. & BETTYS MANOR
	6	NAOMI DENNISON
	7	HARRY E. & DELORIS I. DENNISON
	8	JOSEPH R. & VERNIA FINCH
	9	CALVIN & RUTH BRINKERHOFF
	10	BENJAMIN BROWN
	11	D. HARRY TEETER
33	12	ETTA M. MORROW
29	1	Wm. A. & MARY A. MILLIGAN
	2	JAMES C. WELLS
	3	LEE E. & MARY FOSTER
	4	Wm. & HELEN DENNEY
	5	VERA FENTON
	6	MEOTA GREEN
	7	HERBERT & OPAL HARSHMAN
	8	JESSIE A. & MARY H. STROHL
	9	LAMAR & MILDRED SHOEMAKER
29	10	NELSON & GERTIE WILLIAMSON
28	1	VERA M. JAQUA (ETAL)
	2	CHARLES & MAXINE BARRENBRUGGE
	3	HARRY E. & DOROTHA L. THEURER
	4	MAXWELL N. & CORNELIA NAAS
	5	VIRGIL B. THOMAS
	6	MARY HAMMOND
	7	B. SKINNER MATTHEWS
	8	GEORGE & BERTHA MALLERS
	9	RALPH G. & NORA HINES
	10	J. GORDEN & CATHERINE L. MEEKER
	11	CLARENCE W. & DOROTHER OEHLER
	12	HERBERT G. & OPAL HARSHMAN
	13	AARON A. CURRY
	14	D. GARTH & MABLE JOURNAY
	15	D. HARRY TEETER

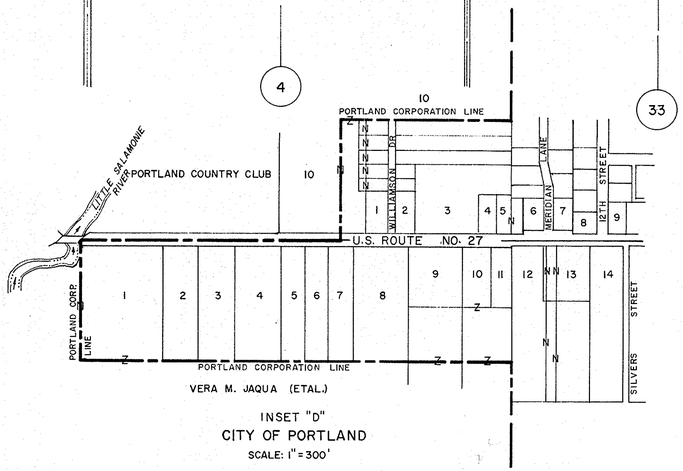




INSET "C"
TOWN OF COLLEGE CORNER
(UNINC.)
SCALE: 1" = 300'



INSET "B"
COUNTRY ESTATES SUBDIVISION
(UNINC.)
SCALE: 1" = 400'



INSET "D"
CITY OF PORTLAND
SCALE: 1" = 300'

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

REVISIONS

PROJECT NO. F-448(20)

STATE OF INDIANA
JAY COUNTY

VOLLMER ASSOCIATES, INC.
CONSULTING ENGINEERS
LOUISVILLE, KENTUCKY

DRAWN BY DATE
CHECKED BY DATE
BOOK NUMBER
PROJECT NO.
SHEET NO. 2 of 2