

# RIGHT-OF-WAY PLANS

## STATE OF INDIANA

### INDIANA STATE HIGHWAY COMMISSION

# PLAN AND PROFILE OF PROPOSED STATE HIGHWAY CODE 0958

~~ST#~~ F PROJECT NO. 85 (19) <sup>(19) P.E.</sup> <sup>(19) R/W</sup> <sup>(27) CONST.</sup> <sup>( ) UTIL.</sup>

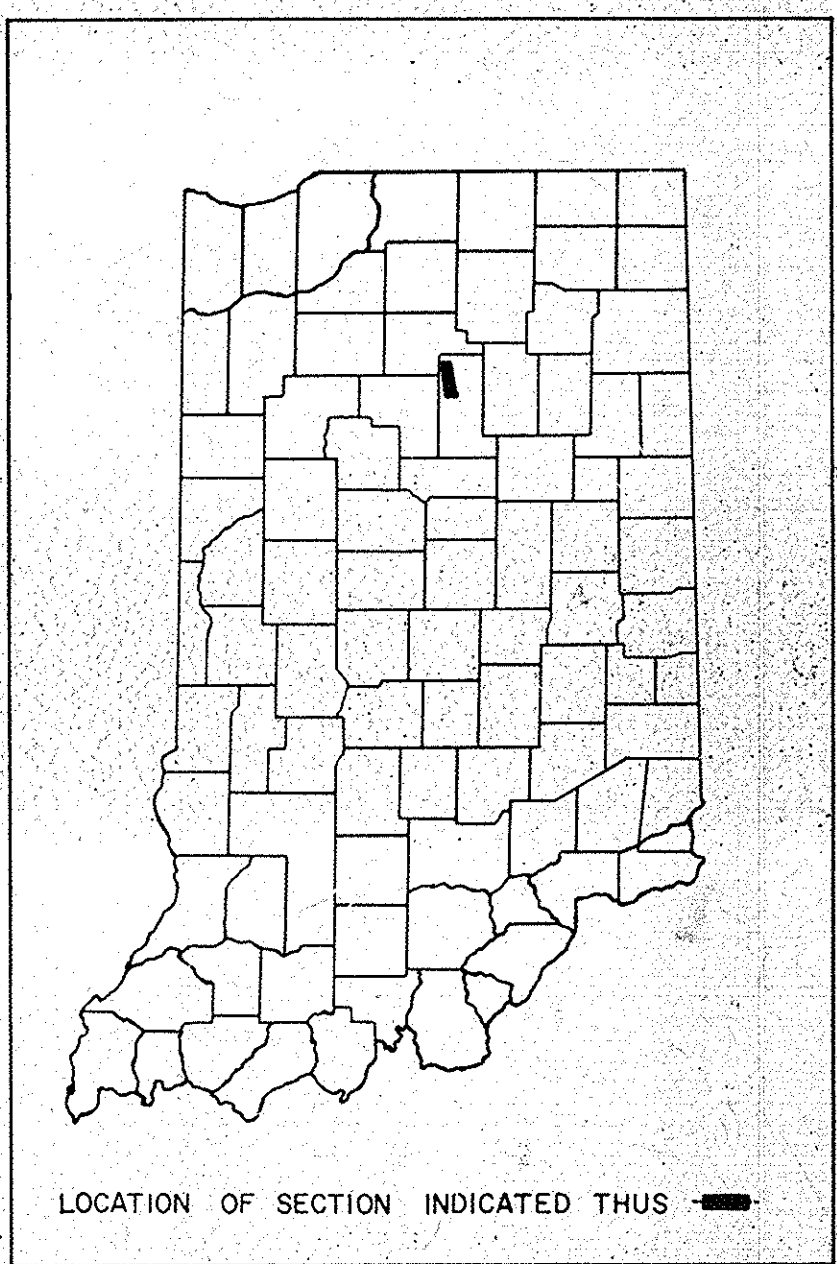
*Note: This Project To Be Financed By The Expenditure Of State Primary Funds. All Project Numbers Appearing On Plans And Profile And Cross Section Sheets To Be Referred To As St. F-85(19).*

BEGINNING AT A POINT ON U.S.R. 31 APPROXIMATELY 3471.1 FEET NORTH OF THE SOUTH LINE OF SECTION 24, T.28N., R.3E. AND EXTENDING NORTHERLY 38,920.27 FEET TO A POINT APPROXIMATELY 165.67 FEET EAST AND 2471.18 FEET SOUTH OF THE N.W. CORNER OF SECTION 14, T.29N., R.3E. ALL IN MIAMI COUNTY, INDIANA.

Wherever in the Plans the Project No. ST-F-85(19) appears, it shall be construed as meaning Project F-85(19)

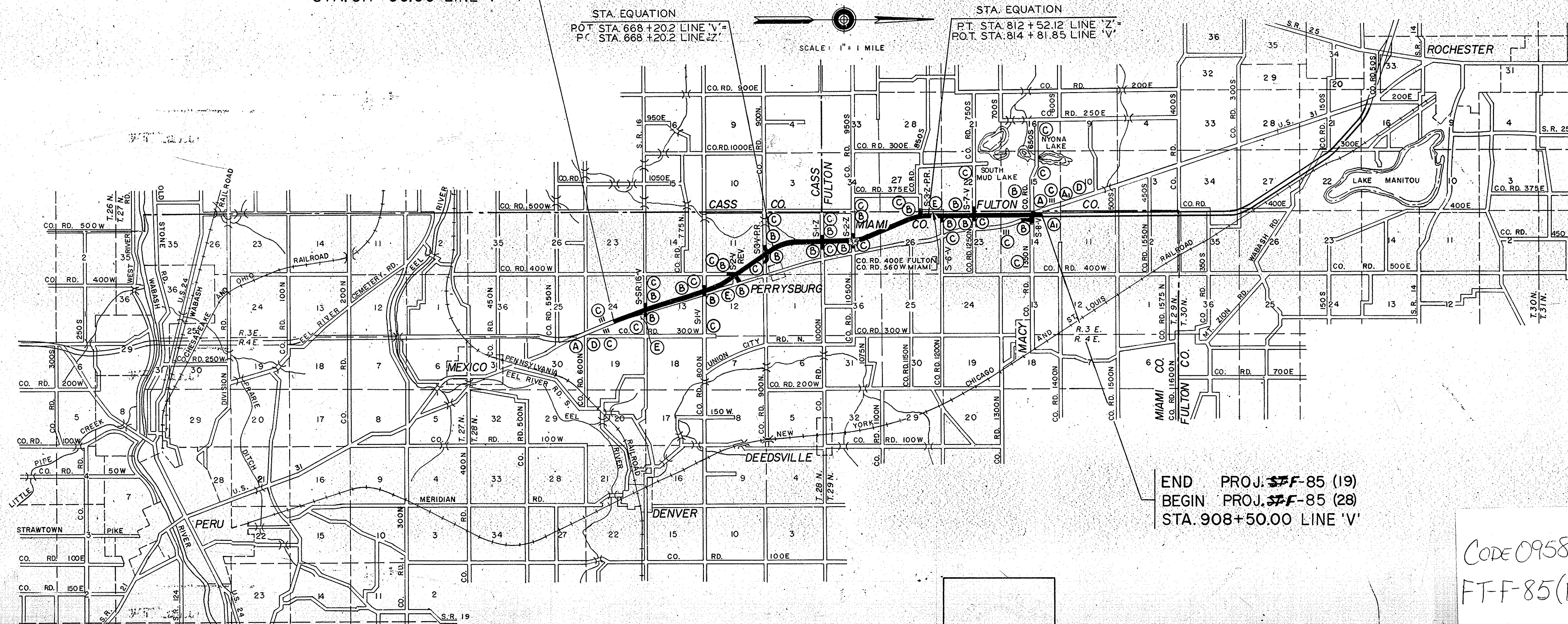
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-85(19)	1968	1	

DESIGN DATA	
ADT (1971)	6070 V.P.D.
ADT (1991) PROJECTED	11520 V.P.D.
D.H.V. (1991)	1440 V.P.H.
DIRECTIONAL DISTRIBUTION	%
TRUCKS	8 %
DESIGN SPEED	40 M.P.H.
ACCESS CONTROL	PARTIAL



BEGIN PROJ. ST-F-85 (19)  
END F PROJECT 875 (1)  
STA. 517+00.00 LINE 'V'

GROSS LENGTH: 7.371 MI.  
NET LENGTH: 7.371 MI.  
SCALES:-  
PLAN { LONG: 1"=100' PROFILE { HORIZ: 1"=100'  
          TRANS: 1"=100'          VERT: 1"=10'  
MAX. GRADE 1.52%



- LEGEND
- (A) BARRICADE TYPE "A"
  - (A) BARRICADE TYPE "A" (PERMANENT)
  - (B) BARRICADE TYPE "B"
  - (C) CONSTRUCTION SIGN TYPE "A"
  - (D) CONSTRUCTION IDENTIFICATION SIGN
  - (E) STD. SIGN M-29 (PERMANENT)

THESE PLANS PREPARED BY  
**CHAS. W. COLE & SON**  
ENGINEERS  
SOUTH BEND, INDIANA

RECOMMENDED FOR APPROVAL \_\_\_\_\_  
ASSISTANT ENGINEER OF PLANS AND SPECIFICATIONS

RECOMMENDED FOR APPROVAL \_\_\_\_\_  
ENGINEER OF PLANS AND SPECIFICATIONS - INDIANA STATE HIGHWAY COMMISSION

APPROVED \_\_\_\_\_  
CHIEF ENGINEER - INDIANA STATE HIGHWAY COMMISSION

END PROJ. ST-F-85 (19)  
BEGIN PROJ. ST-F-85 (28)  
STA. 908+50.00 LINE 'V'

CODE 0958  
FT-F-85(19)  
U.S.R-31 Miami Co.  
44 sheets

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

DATE \_\_\_\_\_  
*Chas. W. Cole*  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF INDIANA NO. 3653

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-F-85(19)	V-2	1		



# UTILITIES

## TELEPHONE

United Telephone Co. of Ind.  
P.O. Box 391  
Warsaw, Indiana 46580

General Telephone Co. of Ind.  
501 Tecumseh St.  
P.O. Box 1201  
Fort Wayne, Indiana 46801

## ELECTRIC

Public Service Indiana  
1000 E. Main St.  
Plainfield, Indiana 46168

Fulton County R.E.M.C.  
Box 230  
Rochester, Indiana 46975

Miami - Cass County R.E.M.C.  
916 W. Main St.  
Peru, Indiana 46970

## REVISIONS

SHEET NO.	DATE	REVISION
10	6-26-69	Add Note.
11	7-20-70	12
11	6-25-70	Curve Data & P.T. Sta.
11	7-20-70	Add USR 31 Boundary
13	7-21-70	12 & R/W
14	7-21-70	R/W
16	7-22-70	Add R/W
21	7-22-70	12 & R/W
24	7-22-70	Stationing & 12
25	7-23-70	R/W
27	7-23-70	Add R/W
8	7-28-70	1/4 Sec. Line
9	7-28-70	R/W
21	8-27-70	Deleted Temp. R/W
29	8-27-70	Deleted Temp. R/W
33A, 4, 6, 10, 11, 23, 37 & 41	3-23-71	ADD A.R.#1A, TEMP. R/W, C.L.I. DR. & R/W. REV. L.A.R/W.
8, 9, 10, 11, 13, 14, 21, 24, 25 & 29	3-31-71	APPROVAL BY RD. DEPT. NOTED (C.O. 11-19-70)
3, 4, 21, 29	1-24-72	REV. R.S. STA. 900100 TO 902+00 LINE "V" RIGHT
4, 10, 18, 23, 27, 32, 41 & 43	2-17-72	L.A.R/W, A.C.L. & PUBLIC RD. APPR. REQ. FOR A.R.#1 & "G-V"
6, 30A, 37, 38, 39 & 40	2-22-72	TYPICAL X-SECT. & TABLE OF QUANTITIES 57HS. ADDED NEW DETAIL 7H. 30A
3, 3A, 10, 23 & 41	3-8-72	REV'D. PAR. 7 & 8, ADDED PAR. 7A. (PER. REV. 2-17-72)
9 & 31	3-28-72	ADDED CLASS IV DRIVE STA. 41+12 LT. & STR.#21A.
3, 4, 11, 24 & 42	3-30-72	NAME CHANGE - PARCEL 12
20 & 21	4-5-72	ADDED EXISTING DRAIN TILES, N.C. PIPE & WATER LINE
3, 4, 13, 14, 26 & 42	4-17-72	NAME CHANGE - PARCEL 20
3, 4, 14, 23, 26, 41 & 42	4-25/5-12-72	NAME CHANGE - PARCELS 4 & 21
9 & 28	5-19-72	CHANGE F.F.T.F. TO C.L.I.F.
3, 5, 19, 28 & 43	5-26-72	ADDED STR. NO. 136A - WATER LINE CHANGING PIPE
18, 27	6-6-72	NAME CHANGE - PARCEL 31
	6-26-72	ADDED PARCEL 25A

### LEGEND

R/W = RIGHT-OF-WAY

L.A.R/W = LIMITED ACCESS RIGHT-OF-WAY

A.C.L. = ACCESS CONTROL LINE

F.F.T.F. = FARM FIELD TYPE FENCE

= PAVEMENT REMOVAL

= BREAKING PAVEMENT

## REVISIONS - CONT.

SHEET NO.	DATE	REVISION
3, 3A, 4, 12, 25 & 28	7/11-12/72	NAME CHG. PAR. 15, DELETED PAR. 38 & COMBINED W/ PAR. 15
27	7-17-72	CORRECTED CONST. NOTE.
3, 18 & 21	7-27-72	LEASE ADDED - PARCELS 29B & 29C.
3, 11, 24, 42	8-21-72	NAME CHANGE - PARCEL 11
3A, 5, 10, 20, 41 & 44	9-12-72	NAME CHANGE - PARCEL 33 & EXCESS LAND PAR. 3
3, 4, 10, 11, 41	9-13-72	NAME CHANGE - PARCEL 9
4, 9, 10, 29A, 40 & 41	9-13-72	RELOC. L.A.R/W; ADD TEMP. R/W, DRIVE & LINE "G-D" R-31-V"
14, 24, 31A & 38	9-18-72	ADDED C.L.I. DR. & NEW DETAIL 7H. NO. 31A. REV. 7TR. NO. 82
3A, 5, 20, 21 & 44	9-18-72	NAME CHANGE - PARCEL 34.
3, 4, 14, 15, 26 & 42	10-3-72	NAME CHANGE - PARCEL 23.
6, 20, 21 & 29	8-23-74	TYPICAL X-SECT'S & CONST. DETAILS RE: A.R.#5' ADD TOP.
9, 22, 37 & 41	9-12-74	RELOCATE DRIVE & TEMP. R/W.

# GENERAL NOTES

Standard divided lane sections for Federal Aid \_\_\_\_\_ Projects \_\_\_\_\_ as shown on Sheet No. \_\_\_\_\_ to be used on this project.

Standard ramp section \_\_\_\_\_ to be used on this project. Pavement thickness shall be \_\_\_\_\_

Standard single lane pavement sections \_\_\_\_\_ as shown on Sheet No. \_\_\_\_\_ to be used on this project.

\_\_\_\_\_ Pavement shall be used.

Standard C.R.C. Pavement Section as shown on Sheet Nos. 5, 6 & 7 to be used on this project.

Typical cross-section as shown on Sheets No. \_\_\_\_\_ to be used on this project.

Standards under dates as listed in the Index on this Sheet to be used on this project.

Grade lines as shown on profile represents top of finished surface.

All Ditches of 1% grade and over shall be sodded except where ditch is in rock cut or where Paved Side Ditch is to be constructed.

Sodding shall be placed as shown on Standard and Typical Cross-Sections and on Miscellaneous Standard Sheet "MB"

All Earth Shoulders, Median Area, Cut, and Fill slopes shall be plain mulched seeded except where sodding is specified.

Overhaul and Added Soil Quantities as shown in the Balances are for information only.

Excavation Quantities as shown include estimated excavation for Public and Private Approaches. See Table on Sheet No. \_\_\_\_\_

The final Cross-Sections of the "Grading Contract" shall be the original cross-sections of the "Paving Contract" except that partial or complete cross-sections shall be taken if necessary to determine the actual quantities of Excavation.

Paper Relocation is to be cross-sectioned by the Project Engineer before construction.

Where existing surface is located outside the Limits of new construction between Sta. \_\_\_\_\_ and Sta. \_\_\_\_\_ the contractor will be required to remove the present roadway surface and base as directed by the Engineer.

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.

For "Kinds of Pipe" permitted for each size and classification as shown on the Structure Data Sheet, see Miscellaneous Standard Sheet "MP".

Such part of existing downspout drains that are disturbed by replacing the curb shall be replaced and connected as directed by the Engineer. Payment for this work shall be included in the Contract unit price for "Curb".

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.

The Contractor must accept the plan quantities of Subbase as given on the Estimate of Quantities Sheet.

All County Roads shall have 4 "Edge Lines" and "Skip Center Line" as set out in "Special Provisions" and "Yellow Barrier Lines" shall be placed as shown on plans.

All Limited Access R/W (L.A.R/W) to be fenced with Chain Link Type Fence (C.L.T.F.) or Farm Field Type Fence (F.F.T.F.) as specified in the plans.

Curves shall be Super-elevated according to the Standards of \_\_\_\_\_ (Except Special "Super-Transitions" shall be detailed on Sheet No. \_\_\_\_\_).

A Keyway Joint is to be constructed on Median side of each pavement.

Contraction Joints shall be placed at all manholes within pavement limits.

Contraction Joints shall be placed at the beginning and end of all radii, at street and alley intersections.

When Guard Rail Type "A" is called for on this project the Contractor shall use the Steel Beam section only.

When Guard Rail Type "B" is called for on this project the Contractor shall have the option of using either the Steel Beam Section, the Semi Ellipse Aluminum Tubular Section or the Steel Tubular Section.

When Guard Rail Type "C" is called for on this project the Contractor shall have the option of using either the Steel Beam Section, the Semi Ellipse Aluminum Tubular Section or the Steel Tubular Section.

When Guard Rail Type "D" is called for on this project the Contractor shall have the option of using either the Steel Beam Section, the Semi Ellipse Aluminum Tubular Section or the Steel Tubular Section.

When Guard Rail Type "E" is called for on this project the Contractor shall have the option of using either the Steel Beam Section, the Semi Ellipse Aluminum Tubular Section or the Steel Tubular Section.

When Guard Rail Type "F" is called for on this project the Contractor shall have the option of using either the Steel Beam Section, the Semi Ellipse Aluminum Tubular Section or the Steel Tubular Section.

When Guard Rail Type "G" is called for on this project the Contractor shall have the option of using either the Semi Ellipse Aluminum Tubular Section or the Steel Tubular Section.

When Guard Rail Type "H" is called for on this project the Contractor shall have the option of using either the Semi Ellipse Aluminum Tubular Section or the Steel Tubular Section.

Wherever reference is made, on the design plans to Subbase Type I or II or Subbase Type II, this reference is to be interpreted as "Subbase" and the materials required will conform to a "Supplemental Specification for Subbase".

Accept plan quantity for Grade "B" Special Borrow backfill for pipes.

Median varies Sta.

Maximum Depth of Peat in Disposal Areas shall be 3'

All field measurements were corrected for temperature and tension.

\*\* REPRESENTS GENERAL NOTES REQUIRED

## R/W INDEX

SHEET NO.	DESIGNATION
1	TITLE SHEET
2	INFORMATION SHEET
3	PRICE LISTING
4 & 5	PLAT NO. 1
6	TYPICAL X-SECTIONS
7 THRU 29	PLAN & PROFILE
30 THRU 36	DETAILS
37 THRU 40	APPROACH TABLES
41	PLAT NO. 3 (SHEET 1 OF 4)
42	PLAT NO. 3 (SHEET 2 OF 4)
43	PLAT NO. 3 (SHEET 3 OF 4)
44	PLAT NO. 3 (SHEET 4 OF 4)

# INDEX

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-85(19)	1968	2	

SHEET NO.	DESIGNATION	B.P.R. APPROVAL	DATE ADOPTED / LATEST REVISION
1	TITLE SHEET		
2	INFORMATION SHEET		
	ST'D. DIV. LANE (ISHC)		R-7/26/68
	ST'D. DIV. LANE ( )		
	ST'D. DIV. LANE ( )		
4	ST'D. SINGLE LANE PAVEMENT SECTIONS		
	TYPICAL CROSS SECTION		
	ST'D. RAMP SECTION		
	ST'D. CONT. REINF. CONC. PAV'T. SHEET "CRC-A"		
	ST'D. CONT. REINF. CONC. PAV'T. SHEET "CRC-B"		
	ST'D. CONT. REINF. CONC. PAV'T. SHEET "CRC-C"		
	ST'D. PAVEMENT JOINTS SHEET "A"		
5-6	PLAT NO. 1		
7-28	PLAN AND PROFILE		
29-36	DETAILS		
37-40	TABLE OF QUANTITIES		
	STRUCTURE DATA		
	DEMOLITION PORTION ITEMS		
	ESTIMATE OF QUANTITIES		
41-44	PLAT NO. 3		
	MISCELLANEOUS STANDARDS, SHEET "MA"		
	MISCELLANEOUS STANDARDS, SHEET "MA-1"		
	MISCELLANEOUS STANDARDS, SHEET "MA-2"		
	MISCELLANEOUS STANDARDS, SHEET "MB"		
	MISCELLANEOUS STANDARDS, SHEET "MB-1"		
	MISCELLANEOUS STANDARDS, SHEET "MB-2"		
	MISCELLANEOUS STANDARDS, SHEET "MC"		
	MISCELLANEOUS STANDARDS, SHEET "MC-1"		
	MISCELLANEOUS STANDARDS, SHEET "MD"		
	MISCELLANEOUS STANDARDS, SHEET "MD-1"		
	MISCELLANEOUS STANDARDS, SHEET "MD-2"		
	MISCELLANEOUS STANDARDS, SHEET "MD-3"		
	MISCELLANEOUS STANDARDS, SHEET "ME"		
	MISCELLANEOUS STANDARDS, SHEET "ME-1"		
	MISCELLANEOUS STANDARDS, SHEET "ME-2"		
	MISCELLANEOUS STANDARDS, SHEET "MG"		
	MISCELLANEOUS STANDARDS, SHEET "MH-1"		
	MISCELLANEOUS STANDARDS, SHEET "MH-2"		
	MISCELLANEOUS STANDARDS, SHEET "MI"		
	MISCELLANEOUS STANDARDS, SHEET "MJ-1"		
	MISCELLANEOUS STANDARDS, SHEET "MJ-2"		
	MISCELLANEOUS STANDARDS, SHEET "MK"		
	MISCELLANEOUS STANDARDS, SHEET "MN"		
	MISCELLANEOUS STANDARDS, SHEET "MP"		
	MISCELLANEOUS STANDARDS, SHEET "MQ"		
	MISCELLANEOUS STANDARDS, SHEET "MR"		
	MISCELLANEOUS STANDARDS, SHEET "MS"		
	MISCELLANEOUS STANDARDS, SHEET "MS-1"		
	MISCELLANEOUS STANDARDS, SHEET "MT"		
	MISCELLANEOUS STANDARDS, SHEET "MT-1"		
	MISCELLANEOUS STANDARDS, SHEET "MT-2"		
	MISCELLANEOUS STANDARDS, SHEET "MT-3"		
	MISCELLANEOUS STANDARDS, SHEET "MT-4"		
	MISCELLANEOUS STANDARDS, SHEET "MT-5"		
	MISCELLANEOUS STANDARDS, SHEET "MT-6"		
	MISCELLANEOUS STANDARDS, SHEET "MT-6A"		
	MISCELLANEOUS STANDARDS, SHEET "MT-6B"		
	MISCELLANEOUS STANDARDS, SHEET "MT-12"		
	MISCELLANEOUS STANDARDS, SHEET "MV"		
	MISCELLANEOUS STANDARDS, SHEET "MV-1"		
	MISCELLANEOUS STANDARDS, SHEET "MV-2"		
	MISCELLANEOUS STANDARDS, SHEET "MV-3"		
	MISCELLANEOUS STANDARDS, SHEET "MV-4"		
	ST'D. STR. CONN. FOR EXTENSION		
	ST'D. R.C. BOX CULV.		
	ST'D. R.C. BOX CULV. SK. END & WING DET. SK.		
	ST'D. R.C. BOX CULV. SK. END & WING DET. SK.		
	ST'D. R.C. CULV. W. O. F.		
	ST'D. R.C. CULV. U. F.		
	ST'D. R.C. CULV. W. O. F. SK.		
	ST'D. R.C. CULV. U. F. SK.		
	GUARD RAIL SHEET GR-1		
	GUARD RAIL SHEET GR-2		
	GUARD RAIL SHEET GR-3		
	STEEL BEAM GUARD RAIL SHEET GR-3		
	ALUMINUM BEAM GUARD RAIL SHEET GR-3A		
	GUARD RAIL SHEET GR-4		
	ALUMINUM GUARD RAIL DETAILS SHEET GR-5		
	STEEL TUBE GUARD RAIL DETAILS SHEET GR-6		
	GUARD RAIL PIER CONNECTION DETAILS SHEET GR-7		
	ST'D. FOR SUPERELEVATION ( )		
	ST'D. FOR SUPERELEVATION ( )		
	ST'D. DETOUR SIGNS, SHEET 1		
	ST'D. DETOUR SIGNS, SHEET 2		
	ST'D. DETOUR SIGNS, SHEET 3		
	ST'D. DETOUR SIGNS, SHEET 3A		
	ST'D. DETOUR SIGNS, SHEET 5		
	SPECIAL SIGNS		
	CONSTRUCTION IDENTIFICATION SIGNS		
	ST'D. HEADWALLS		
	CROSS SECTIONS		
	* B.P.R. APPROVAL PENDING		



ROAD USR 31 COUNTY-MIAMI + FULTON PROJECT ST-F-85(19) L.A. CODE 0958 DATE 6/7/72

LALIC PARCEL LISTING FOR LAND ACQUISITION INDIANA STATE HIGHWAY COMMISSION

PARCEL NUMBER GRANTOR CENTER FROM TO PLAN BRIDGE TOTAL AREA EXISTING TITLE ACQUIRED NATURE OF LAND TO BE ACQUIRED RESIDUE BLDG. AREA

1 SULLIVAN, IVAN ET UX. V 520 523 8 94.030AC 7.778AC FS ACCESS RTS A= 45.861AC B= 40.391AC

1A 520 523 8 5.513AC 1.073AC FS 0.265AC A= 4.096AC

2 MCCLAIN, HALL M. ET UX. SSR16V 44 48 9+22 0.095AC

2A 335 339 9+22 0.017AC

2B SSR16V 46 47 9+22 0.017AC

2C SSR16V 44 45 22 0.017AC

3 BURNS, C. E. ET UX. V 539 556 9+22 178.000AC 5.319AC FS 5.400AC A= 89.090AC B= 78.191AC

3A 539 543 9+22 0.342AC

3B 543 546 9 0.204AC

3C 552 559 2 0.648AC

4 WHITE, LURA E. SSR16V 43 44 22 86.487AC 3.600AC FS 0.032AC A= 74.051AC

4A 546 567 9 8.804AC

4B 546 548 9 0.128AC

4C 560 569 9 6.115AC

5 TUCKER, JOE ET UX. V 567 572 9+10 10.944AC 0.494AC FS 2.464AC A= 7.986AC

5A 570 572 10 0.351AC

6 FISHER, G. W. ET UX. V 566 569 9+10 4.078AC 1.132AC FS ACCESS RTS A= 2.946AC

7 SHADDINGER, VERA J. W. V 571 582 10+23 116.878AC 3.266AC FS 6.824AC A=103.016AC

7A V+SLV 582 595 10+23 3.772AC

8 STOREY, DAVID L. ET UX. V 582 593 10+23 5.000AC 1.311AC FS 3.689AC

9 ~~DUNLAP, ROBERT C. ET UX.~~ V 600 615 10+11 14.000AC 0.641AC FS 5.621AC A= 5.824AC B= 1.914AC

9A 598 600 10+11+23 0.097AC

10 WILSON, HAROLD H. ET UX. V 610 618 11 45.000AC 1.366AC FS 3.167AC A= 40.383AC B= 0.084AC

11 ~~WHITMEYER, F. ET UX.~~ V 616 625 11+24 20.170AC 2.020AC FS 4.147AC A= 6.388AC B= 4.757AC C= 3.158AC D= 1.259AC

11A 624 630 11+12+24 6.191AC

12 ALEXANDER, DENNIE ET UX. V 622 626 11+24 4.860AC 0.280AC FS 1.434AC A= 3.146AC

13 DRUBAKER, HAZEL I. S2VREV 44 47 24 160.000AC 2.415AC FS 0.039AC A=157.566AC

13A S2VREV 46 46 24 0.020AC

13B S2VREV 47 47 24 0.027AC

13C S2VREV 44 47 24 SP MINERALS

14 WITMEYER, DAVID J. ET UX. S2VREV 55 57 24 80.000AC 4.417AC FS 0.180AC A= 20.347AC B= 94.607AC

14A 631 633 11+12+24 0.469AC

15 KNAUFF, CHARLES R. V 628 658 11+12+25 122.750AC 1.719AC FS 18.231AC A= 53.448AC B= 30.054AC C= 19.298AC

15A 633 641 12 2.271AC

15B 638 643 12 0.723AC

15C 636 638 12 0.941AC

15D 638 639 12 0.471AC

15E 639 645 12 2.135AC

15F 639 645 12 0.689AC

15G 640 644 12 1.251AC

15H 648 652 12 1.607AC

15J 657 658 12+25 0.043AC

16 HEMMEL, HAROLD K. ET UX. S3V 47 48 12+25 1.263AC 0.092AC FS 0.076AC A= 1.095AC

17 TILDEN, D. E. ET UX. V 657 669 12+13+25 99.702AC 0.988AC FS 8.450AC A= 1.530AC B= 86.754AC

18 WARNER, LEONOR C. ET UX. Z 664 687 13 120.000AC 0.909AC FS 13.967AC A= 90.234AC B= 14.890AC

18A 668 670 13 0.079AC

18B 670 675 13 0.274AC

18C 674 679 13 0.221AC

18D 679 681 13 0.441AC

18E 687 701 13+14 80.000AC 0.500AC FS 8.992AC A= 70.508AC

18F 687 692 13+14 170.815AC 6.358AC FS 0.198AC A= 97.363AC B= 72.608AC

18G 713 714 14+26 0.288AC

21 KNAUFF, NAOMI ET AL. Z 701 714 14+26 60.000AC 1.494AC FS 10.805AC A= 67.701AC B= ELIMINATED

21A 701 709 14 3.793AC

21B 709 711 14 0.918AC

21C 710 713 14+26 1.517AC

21D 47 48 14+26 0.029AC

22 CLEMENS, LLOYD ET UX. Z 714 727 14+15+26 46.000AC 0.500AC FS 4.114AC A= 35.386AC

23 ~~CLEMENS, ORA W. ET UX.~~ Z 714 727 14+15+26 80.000AC 2.544AC FS 5.239AC A= 33.515AC B= 38.902AC

23A 717 721 14+15 1.194AC

24 PALMER, M. S. ET UX. Z 727 740 15+26 39.752AC 0.551AC FS 3.936AC A= 35.265AC

24A 736 740 15+26 1.746AC

25 TOLLEY, S. H. ET UX. Z 727 740 15+26 198.015AC 6.608AC FS 4.909AC A= 23.166AC B= 163.932AC C= ELIMINATED

25A 736 740 15+26 0.41900AC

26 HUNT, MARVIN R. ET UX. Z 740 770 15+16+26 148.843AC 5.422AC FS 19.805AC A= 41.960AC B= 44.160AC C= 37.489AC

26A 742 745 15+26 1.660AC

27 HATTERY, ERNEST ET UX. Z 768 799 16+17 197.250AC 4.116AC FS 19.841AC A= 51.191AC B= 86.043AC C= 36.059AC

27A 776 778 16 0.057AC

27B 786 794 17 2.755AC

27C 786 797 17 6.037AC

27D 798 799 17 0.074AC

28 STRONG, D. + RUNKLE, C. V 796 817 17+18+27 102.139AC 3.062AC FS 13.545AC A= 84.334AC B= 1.198AC

28A 796 799 17 1.071AC

28B 799 801 17 0.328AC

28C 796 817 17+18+27 SP CUNTR. SALE

29 CRISPEN, F. W. ET UX. V 817 827 18+27 80.000AC 3.748AC FS 6.725AC A= 40.374AC B= 9.159AC C= 19.984AC

29A 827 834 18+27 FS ACCESS RTS

30 HUKST, MAY V+56V 827 840 18+19+27 120.000AC 4.561AC FS 9.467AC A= 53.237AC B= ELIMINATED C= 13.280AC D= 39.455AC

30A 817 827 18 27 SP LEASEHOLD

30B 827 834 18+27 SP LEASEHOLD

REV 9-18-72 R.W.LIND

REV 9-13-72 A.J. Nicolson

REV 8-21-72 A.J. Nicolson

REV 10-9-72 A. PERRY

Table with 6 columns: PROJ. NO., STATE, PROJECT NO., FISCAL YEAR, BUDGET NO., and TOTAL AMOUNT. Values include ST-F-85(19) and 3.

Table with 6 columns: PROJ. NO., STATE, PROJECT NO., FISCAL YEAR, BUDGET NO., and TOTAL AMOUNT. Values include ST-F-85(19) and 3.

REV 7-21-72 R.W.LIND 278

REV 7-21-72 R.W.LIND 278



PARCEL NUMBER	GRANTOR	CENTER LINE	FROM APPROX STA.	TO APPROX STA.	PLAN SHEET	BRIDGE	TOTAL AREA	R/W EXISTING	NATURE OF TITLE ACQUIRED	LAND TO BE ACQUIRED	RESIDUE AREA	BLDG.
31	SHAW, RONALD J. ET UX.	V	840	854	19+28		81.000AC	4.501AC	FS	9.419AC	A= 41.205AC B= 23.436AC C= 2.439AC	
32	CALLOWAY, F. J. ET AL.	V	854	880	19+20+28		265.210AC	6.129AC	FS	18.284AC	A= 54.172AC B= 123.585AC C= 1.100AC D= 62.000AC	
32A		V	858	859	19+28				TE	1.265AC		
32B		V	860	864	19				TE	0.904AC		
32C		V	873	879	20				TE	1.371AC		
32D		V	879	880	20				TE	0.046AC		
32E		V	879	880	20				TE	0.019AC		
33	ZAGTMAN, ROBERT I. ET AL.	V	880	893	20+44		164.250AC	3.270AC	FS	9.780AC	A= 11.526AC B= 55.425AC C= 44.300AC D= 48.539AC E= 65.639AC	
33A		V	880	893	20				FS	0.595AC		
33B		V	887	891	20				TE	0.803AC		
33C		V	891	893	20				TE	0.416AC		
34	SHOLTY, JOHN A. ET UX.	V	893	902	20+21		17.880AC		FS	4.789AC	A= 12.262AC B= 0.341AC	*
34A		V	893	902	20+21				FS	0.488AC		*
34B		V	899	900	21				TE	0.043AC		*
35	BELCHER, R. E. ET AL.	V	896	900	21		31.979AC	2.029AC	FS	1.073AC	A= 25.393AC	
35A		V	902	906	21+29				FS	3.484AC		
36	GUSLEY, RALPH ET UX.	V	900	902	21+29		0.640AC		FS	0.640AC		*
37	BURNS, CHARLES R.	V	902	904	21+29		7.380AC	0.435AC	FS	0.292AC	A= 6.465AC	
37A		V	902	905	21+29				FS	0.188AC		
38	ELIMINATED 7/11/72											
38A	ELIMINATED 7/11/72											
38B	ELIMINATED 7/11/72											
38C	ELIMINATED 7/11/72											
38D	ELIMINATED 7/11/72											
38E	ELIMINATED 7/11/72											
38F	ELIMINATED 7/11/72											
38G	ELIMINATED 7/11/72											
39	SULLIVAN, I. SULLIVAN V	V	525	539	8+22		119.340AC	5.629AC	FS	6.006AC	A= 57.803AC B= 49.055AC	*
39A		V	525	535	8				FS	0.539AC		
39B		SIV	44	49	8+22				FS	0.308AC		
39C		SIV	47	48	22				TE	0.029AC		
39D		V	525	541	8+22				SP	CONTR. SALE		
40	PARCEL 40 ON PROJECT ST-F-85(19) AND PARCEL 1 ON PROJECT ST-F-85(28) COVER THE SAME LAND, WITH ACQUISITION THEREOF ENTIRELY UNDER SAID PROJECT ST-F-85(28)											
41	FISHBACK, B. ET VIR.	V	595	608	10+11+23		50.000AC	2.382AC	FS	6.329AC	A= 41.150AC B= 49.055AC C= 0.130AC	*

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 TYPE OF LAND TO BE PROJECT PROJECT PROJECT  
NUMERAL TAKING ACQUIRED ST-F-85(19)

REV. 9-12-72, MW MYERS 3 EXCESS-P 0-078AC C-078AC

\* (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.

ACCESS PTS = ONLY ABUTTERS ACCESS RIGHTS TO BE ACQUIRED.  
MINERALS = RELEASE OF MINERAL RIGHTS FROM OTHER THAN THE FEE OWNER OF THE LAND  
SP = SPECIAL INSTRUMENT FOR CLEARING SPECIAL INTERESTS (OC DEED, SPECIAL R/W GRANT, RELEASE OF LEASEHOLD, ETC.)  
TE = TEMPORARY R/W  
FS = FEE SIMPLE TITLE

EXCESS-P = EXCESS LAND ACQUISITION UNDER TITLE 49, CODE OF FEDERAL REGULATIONS, SEC. 25.25(A)(6), ELIGIBLE FOR FEDERAL AID.

REVISED 9-12-72 A. J. WICKSON

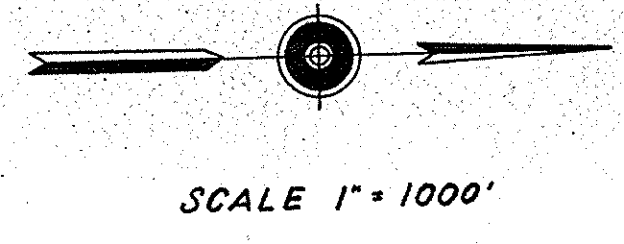
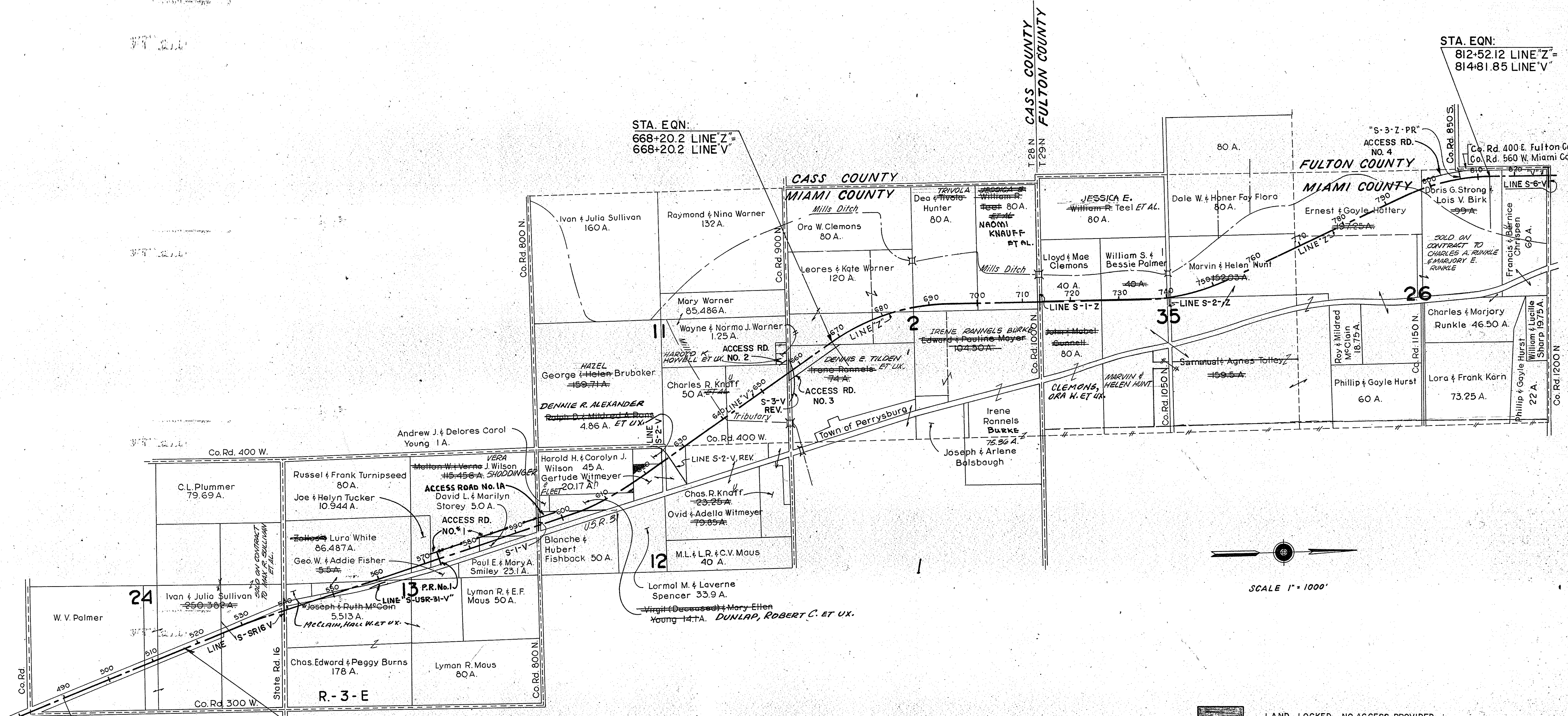
Rev. 9-18-72, A. PERRY



FED. ROAD REGION NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-85(19)	1968	4	

STA. EQN:  
812+52.12 LINE "Z"  
814+81.85 LINE "V"

STA. EQN:  
668+20.2 LINE "Z"  
668+20.2 LINE "V"



LAND LOCKED, NO ACCESS PROVIDED

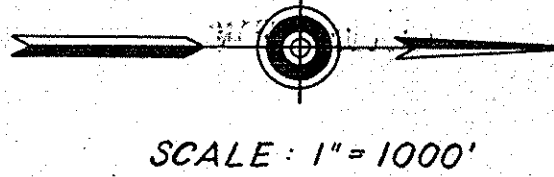
489+00 LN V - PROJ. ST-F-85 (19)  
489+00 LN A - PROJECT F 875 (1)

STA. 517+00  
BEGIN PROJ. ST-F-85 (19)  
END F PROJECT 875 (1)

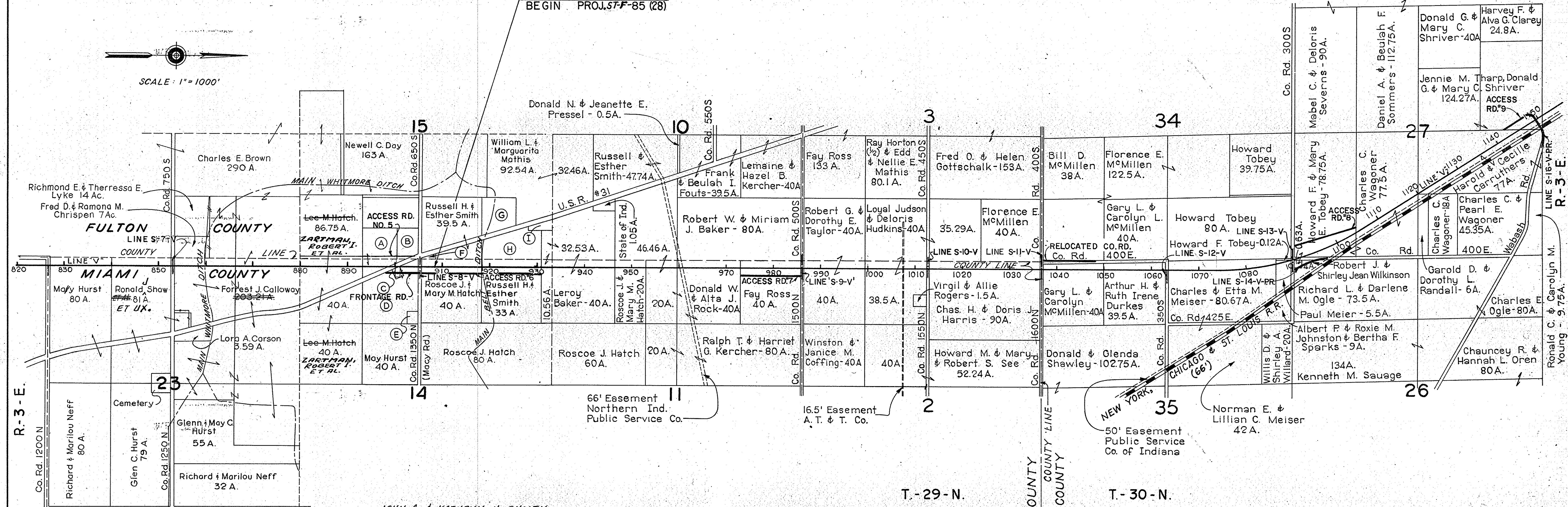
PLAT #1  
FOR DESIGN DEPT.  
**DETAILS**



FED. ROAD REGION NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-85 (19)	1968	5	5



STA. 908+50  
 END PROJ. ST-F-85 (19)  
 BEGIN PROJ. ST-F-85 (28)



- JOHN A. & KATHRYN N. SHOLTY**
- (A) J. S. Gleason, Administrator Veterans Affairs - 17.88 A.
  - (B) Charles R. Burns - 6.51 A.
  - (C) Ralph & Judy Ousky - 0.5 A.
  - (D) Richard & Suzanne & Mickey B. Belcher - 3.502 A.
  - (E) Emily J. & Madie Oberg - 0.998 A.
  - (F) Harvey N. & Glenn H. Smith - 0.5 A.
  - (G) Bloice & Maude Reynolds - 11.68 A.
  - (H) Robert & Cora L. Burns - 16.18 A.
  - (I) Mud Creek Church & Cemetery - 1 A.

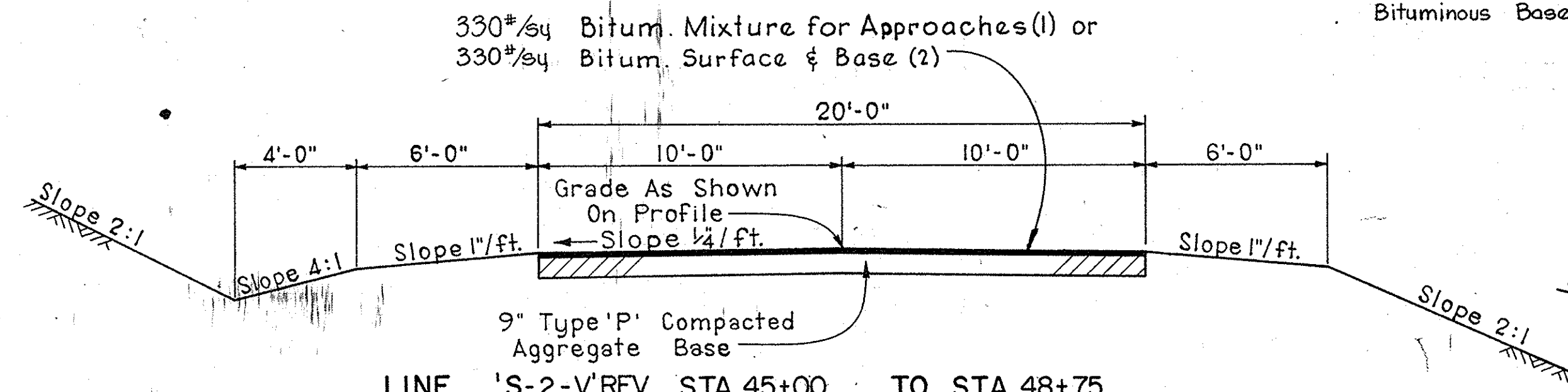
PLAT #1  
 FOR DESIGN DEPT.  
**DETAILS**



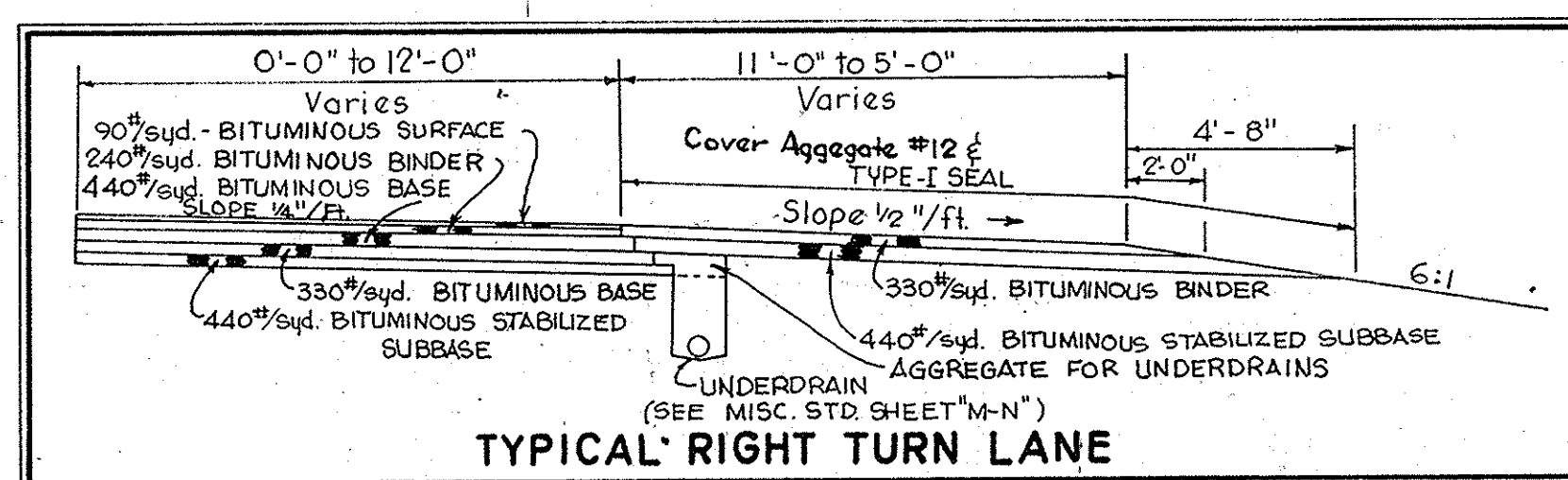
FED. ROAD REGION NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-85(19)	1968	6	

Rev. 11-24-70 Access Road No. 1A added.  
 Rev. 8-23-74 (11-28-1974) Access Road No. 5 Typical Sections  
 NEW UPDATED SHEET REPLACES ORIGINAL F.B. 7/11/74

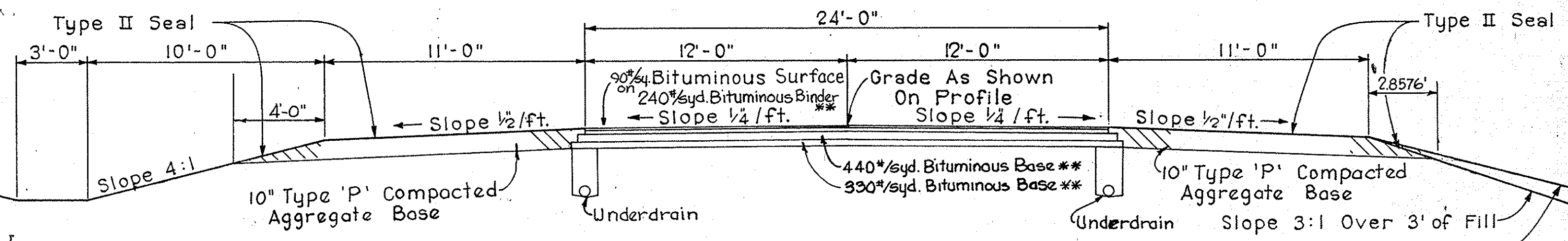
\*\* Bituminous Surface to be H.A.E. Surface Type III or H.A.C. Surface Type B  
 Bituminous Binder to be #9 H.A.E. Binder or H.A.C. Binder  
 Bituminous Base to be #4 or #5 H.A.E. Base or H.A.C. Base



LINE 'S-2-V' REV	STA. 45+00	TO STA. 48+75.
LINE 'S-3-V PR'	STA. 47+00	TO STA. 48+24.80
LINE 'S-2-Z'	STA. 51+13.13	TO STA. 55+88.41
LINE 'S-3-Z PR'	STA. 48+00	TO STA. 48+74.87
LINE 'S-7-V'	STA. 51+23.97	TO STA. 53+50
LINE 'S-3-Z PR'	STA. 47+25	TO STA. 48+71.66
LINE 'S-7-V'	STA. 48+31	TO STA. 48+79
LINE 'S-7-V'	STA. 51+21	TO STA. 52+00
LINE 'S-US.R.31-V'	STA. 7+40	TO STA. 10+01.04

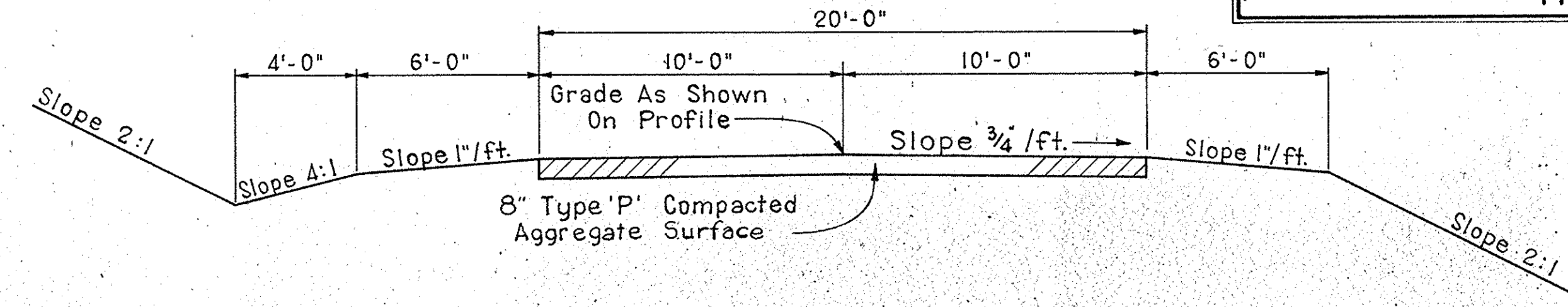


TYPICAL RIGHT TURN LANE



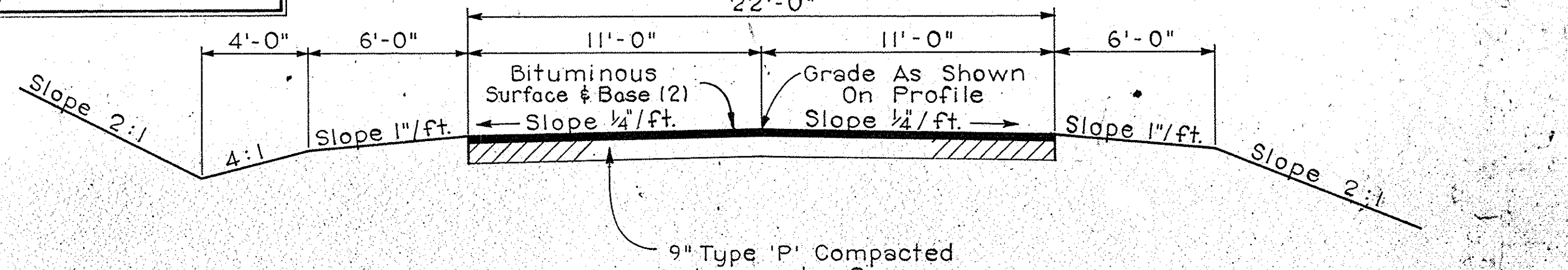
LINE 'S-SR16-V'	STA. 44+50	TO STA. 49+30.59
LINE 'S-8-V'	STA. 50+69.41	TO STA. 56+00
LINE 'S-8-V'	STA. 48+16	TO STA. 49+34
LINE 'S-8-V'	STA. 50+66	TO STA. 53+60
LINE 'PR.AR-I-V'	STA. 894+71.83	TO STA. 897+29.90
LINE 'AR-I-V'	STA. 897+29.90	TO STA. 906+57.20

Note: For details of Underdrains See Misc. Std. Sheet "MN"

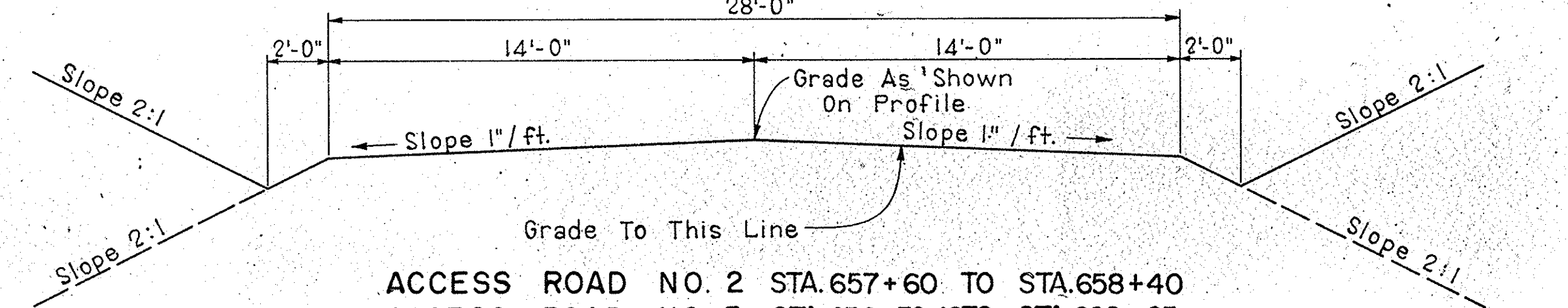


LINE 'S-1-V'	STA. 47+97.5	TO STA. 48+47.5
LINE 'S-6-V'	STA. 47+00	TO STA. 48+40
LINE 'S-6-V'	STA. 51+21	TO STA. 55+50

(1) Bituminous Mixture for Approaches  
 To be used when paved length is less than 100 ft.  
 110 #/S.Y. Hot Asphaltic Conc. Surface Type 'B' on  
 220 #/S.Y. (or more) Hot Asphaltic Conc. Base  
 or  
 110 #/S.Y. Hot A.E. Surface Type III on  
 220 #/S.Y. (or more) Hot A.E. Base

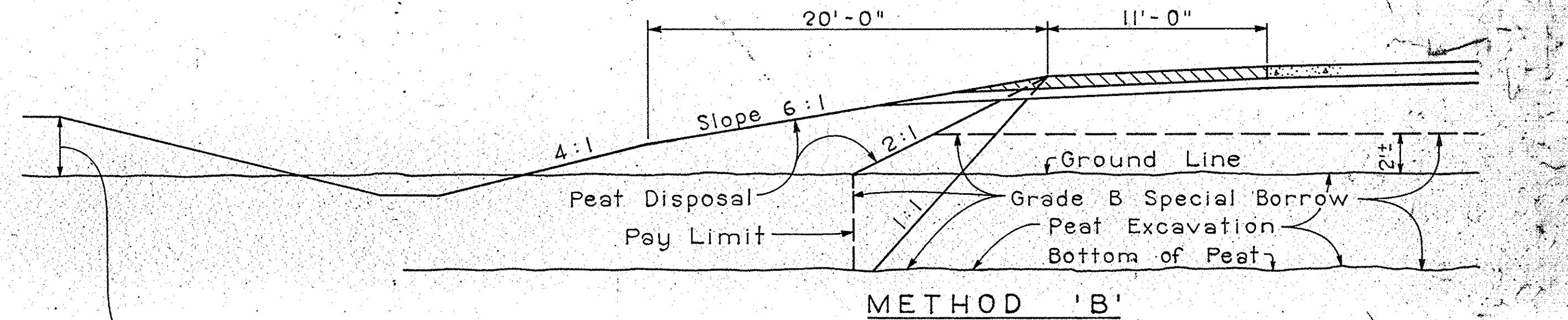


LINE 'S-1-Z'	STA. 44+55	TO STA. 48+86
LINE 'S-1-Z'	STA. 51+20.76	TO STA. 54+00 (12" TYPE 'P.C.A. BASE)

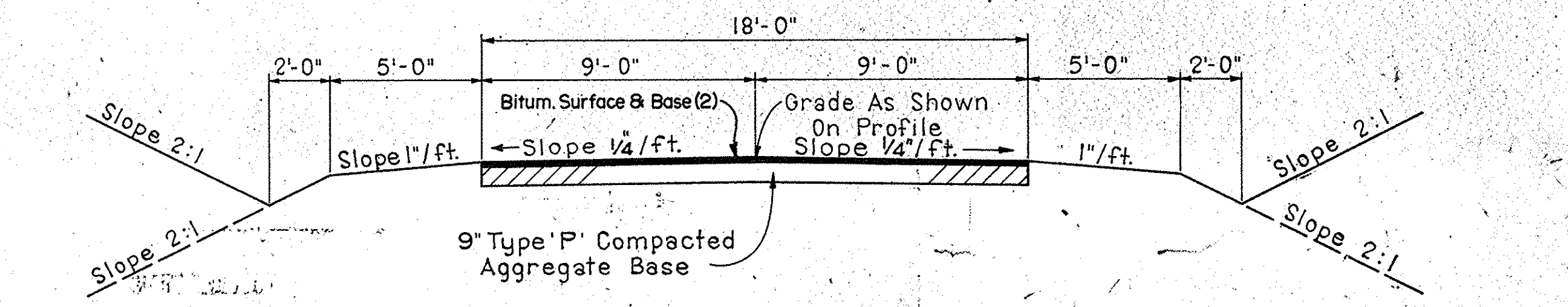


ACCESS ROAD NO. 2	STA. 657+60	TO STA. 658+40
ACCESS ROAD NO. 3	STA. 656+32.48	TO STA. 668+85
ACCESS ROAD NO. 4	STA. 798+55	TO STA. 805+36.04
ACCESS ROAD NO. 5	STA. 880+06.26	TO STA. 906+00
ACCESS ROAD NO. 1A	STA. 595+45	TO STA. 598+95
ACCESS ROAD NO. 6	STA. 907+03.34	TO STA. 908+50

(2) Bituminous Surface & Base  
 To be used when paved length exceeds 100 ft.  
 90 #/S.Y. Hot Asphaltic Conc. Surface Type 'B' on  
 240 #/S.Y. (or more) Hot Asphaltic Conc. Base  
 or  
 90 #/S.Y. Hot A.E. Surface Type III on  
 240 #/S.Y. (or more) Hot A.E. Base.



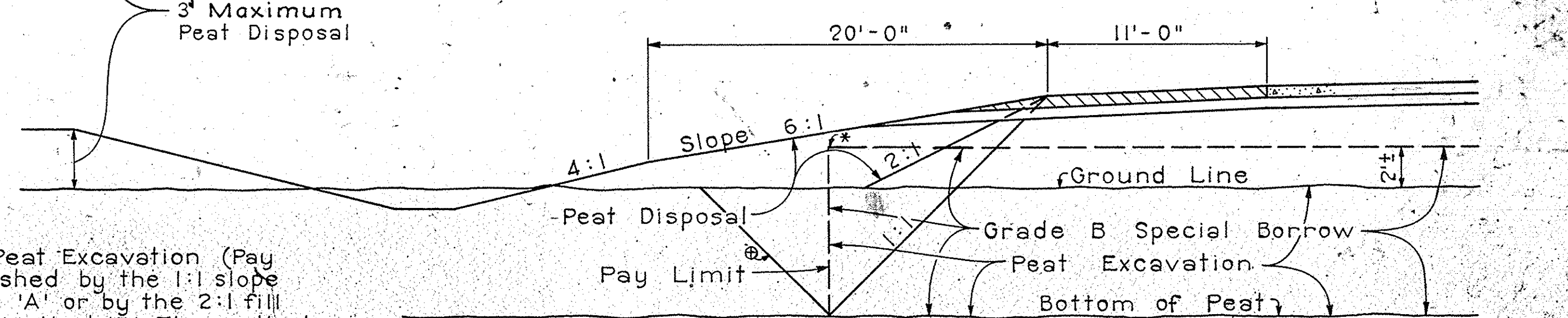
METHOD 'B'



ACCESS ROAD NO. 1	STA. 571+80	TO STA. 573+50
ACCESS ROAD NO. 5	STA. 900+00	TO STA. 906+60

Vertical line for Peat Excavation (Pay Limit) to be established by the 1:1 slope as shown in Method 'A' or by the 2:1 fill slope as shown in Method 'B'. The method selected should provide for the 2:1 fill slope to always be fully supported by the Grade B Special Borrow.

\* When this point is within a 2:1 slope from shoulder, use Method 'B'  
 @ This line not to be shown on Cross Sections 'B' Borrow estimated on basis of 1:1 slope plus 5%



METHOD 'A'

# TYPICAL CROSS SECTIONS

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

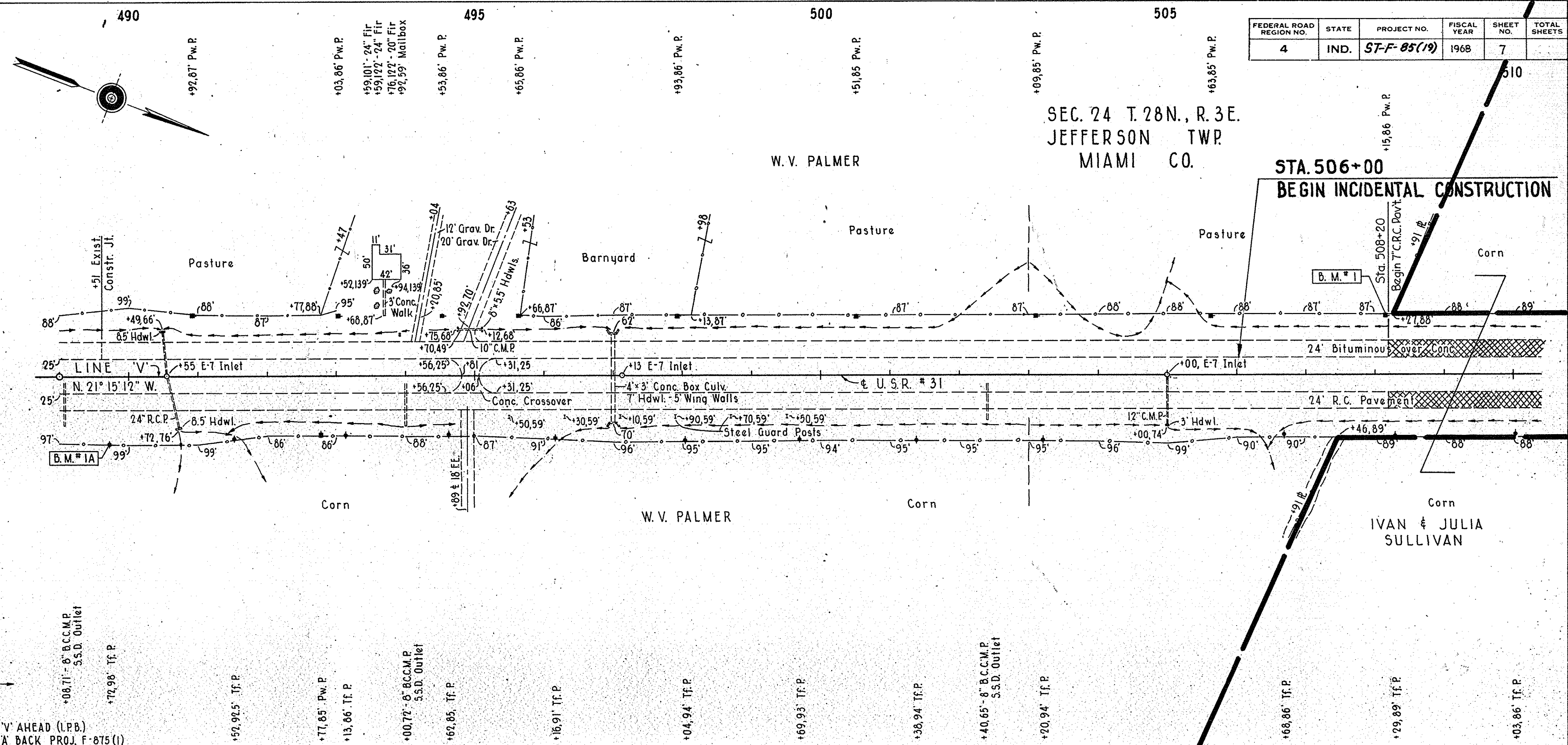
RECOMMENDED FOR APPROVAL: [Signature] 2-12-69  
 ENGINEER OF ROAD DESIGN - INDIANA STATE HIGHWAY COMMISSION

PROJ.	LINE	SHEET	FILE
F-85(19)	V-2	6	



FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	57-F-85(19)	1968	7	

SEC. 24 T. 28 N., R. 3 E.  
JEFFERSON TWP.  
MIAMI CO.



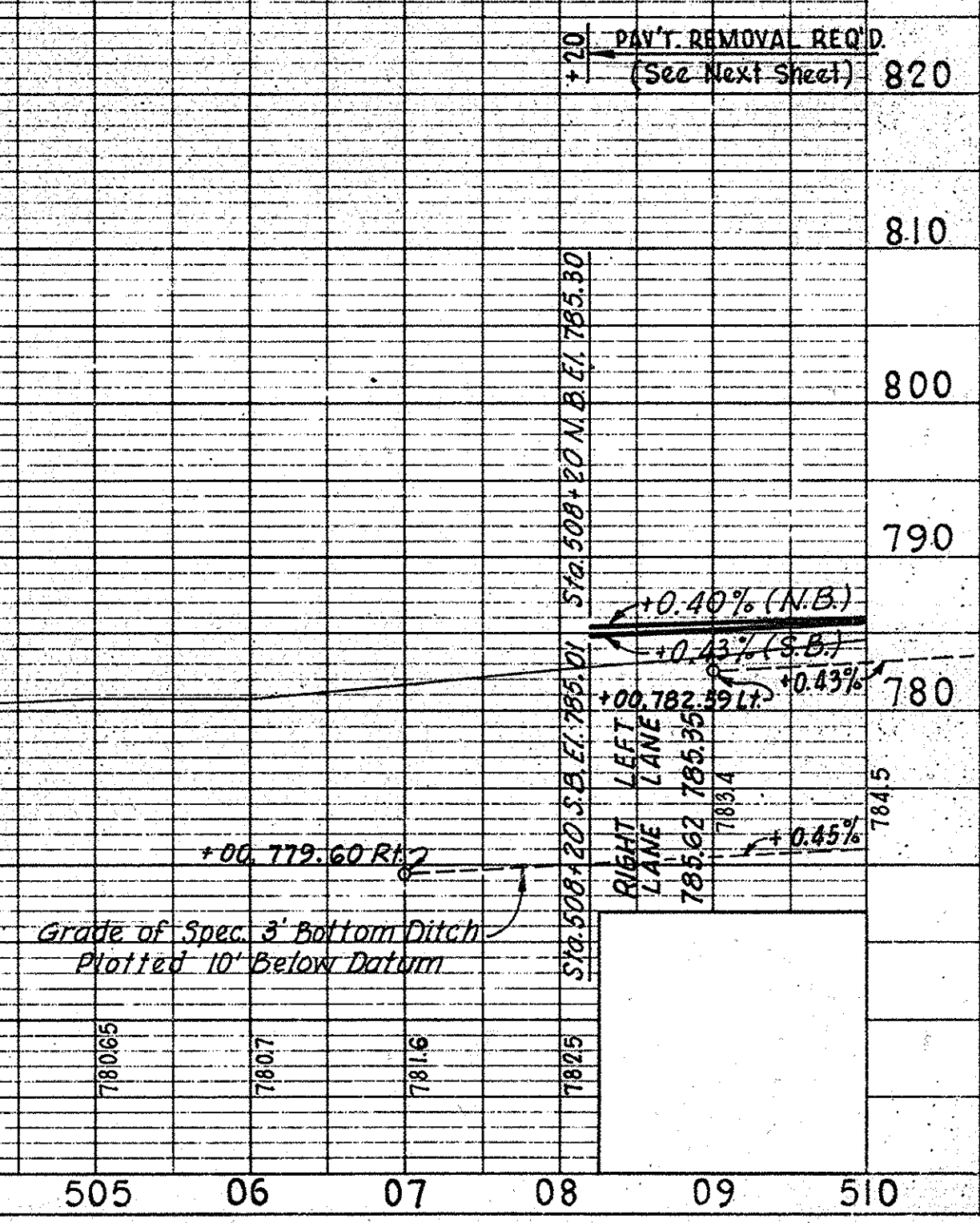
**PLAN**  
SURVEYED BY: C. W. COLE & SONS  
NOTE BOOK NO. 96351  
CHECKED BY: C. W. COLE & SONS  
DATE: 10-68

**PROFILE**  
SURVEYED BY: C. W. COLE & SONS  
NOTE BOOK NO. 96351  
CHECKED BY: C. W. COLE & SONS  
DATE: 10-68

PK Nail & U.S. 31  
LINE 'V'  
PK Nail & U.S. 31  
P.O.T. 489+00 LINE 'V' AHEAD (I.P.D.)  
P.O.T. 489+00 LINE 'A' BACK PROJ. F-875(1)

**GENTER LINE OFFSETS**  
FOR VARIABLE MEDIAN STA. 520+96.61 - STA. 537+60.14 LINE 'V'

STA. ON LINE 'V'	OFFSET IN FEET TO C. NB LANE (PR#1)	OFFSET IN FEET TO C. SB LANE (PR#2)	STA. ON LINE 'V'	OFFSET IN FEET TO C. NB LANE (PR#1)	OFFSET IN FEET TO C. SB LANE (PR#2)
520+00	37.00	37.00	529+00	39.55	39.50
+25	37.00	37.00	+25	39.63	39.58
+50	37.00	37.00	+50	39.71	39.46
+75	37.00	37.00	+75	39.80	39.54
521+00	37.00	37.00	530+00	39.88	39.63
+25	37.03	37.00	+25	39.96	39.71
+50	37.06	37.00	+50	40.04	39.70
+75	37.14	37.00	+75	40.12	39.87
522+00	37.22	37.02	531+00	40.21	39.96
+25	37.30	37.07	+25	40.29	40.04
+50	37.38	37.13	+50	40.37	40.12
+75	37.46	37.22	+75	40.46	40.20
523+00	37.55	37.30	532+00	40.54	40.29
+25	37.64	37.38	+25	40.62	40.37
+50	37.72	37.46	+50	40.70	40.45
+75	37.80	37.54	+75	40.78	40.53
524+00	37.89	37.63	533+00	40.86	40.62
+25	37.97	37.72	+25	40.94	40.70
+50	38.05	37.80	+50	41.02	40.78
+75	38.14	37.88	+75	41.10	40.86
525+00	38.22	37.97	534+00	41.19	40.95
+25	38.30	38.05	+25	41.27	41.03
+50	38.38	38.13	+50	41.35	41.11
+75	38.46	38.22	+75	41.43	41.19
526+00	38.55	38.30	535+00	41.52	41.27
+25	38.63	38.38	+25	41.60	41.35
+50	38.71	38.46	+50	41.68	41.43
+75	38.80	38.54	+75	41.76	41.51
527+00	38.88	38.63	536+00	41.84	41.60
+25	38.96	38.71	+25	41.92	41.68
+50	39.05	38.80	+50	42.00	41.76
+75	39.13	38.88	+75	42.00	41.84
528+00	39.22	38.97	537+00	42.00	41.92
+25	39.30	39.05	+25	42.00	42.00
+50	39.38	39.13	+50	42.00	42.00
+75	39.46	39.22	+75	42.00	42.00
			538+00	42.00	42.00



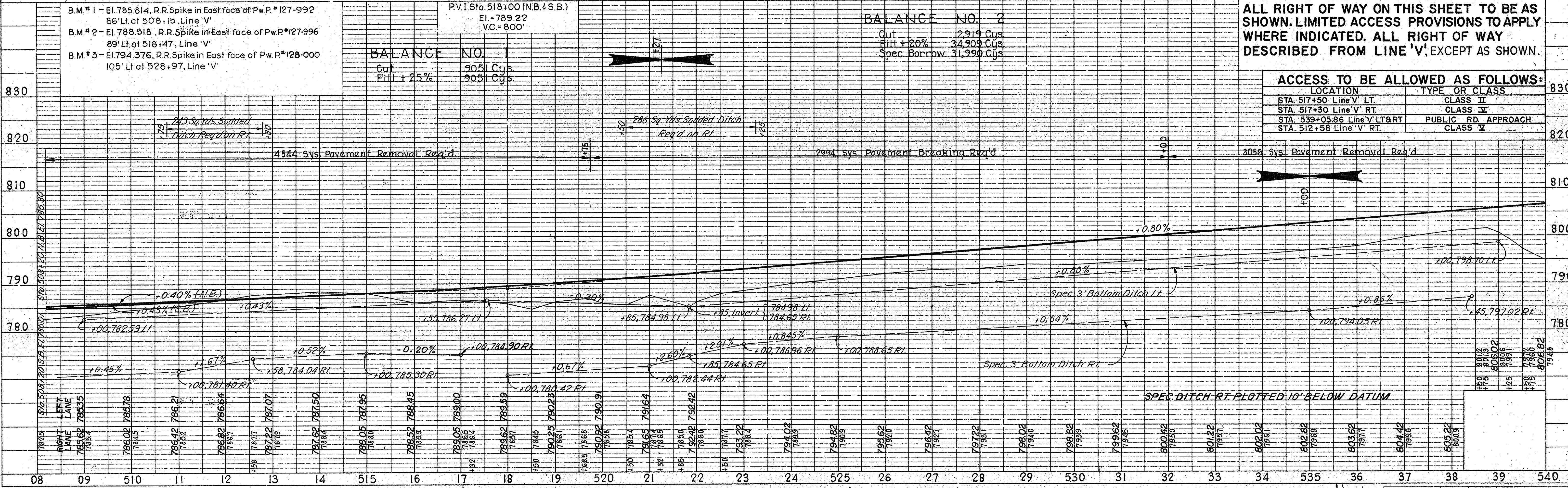
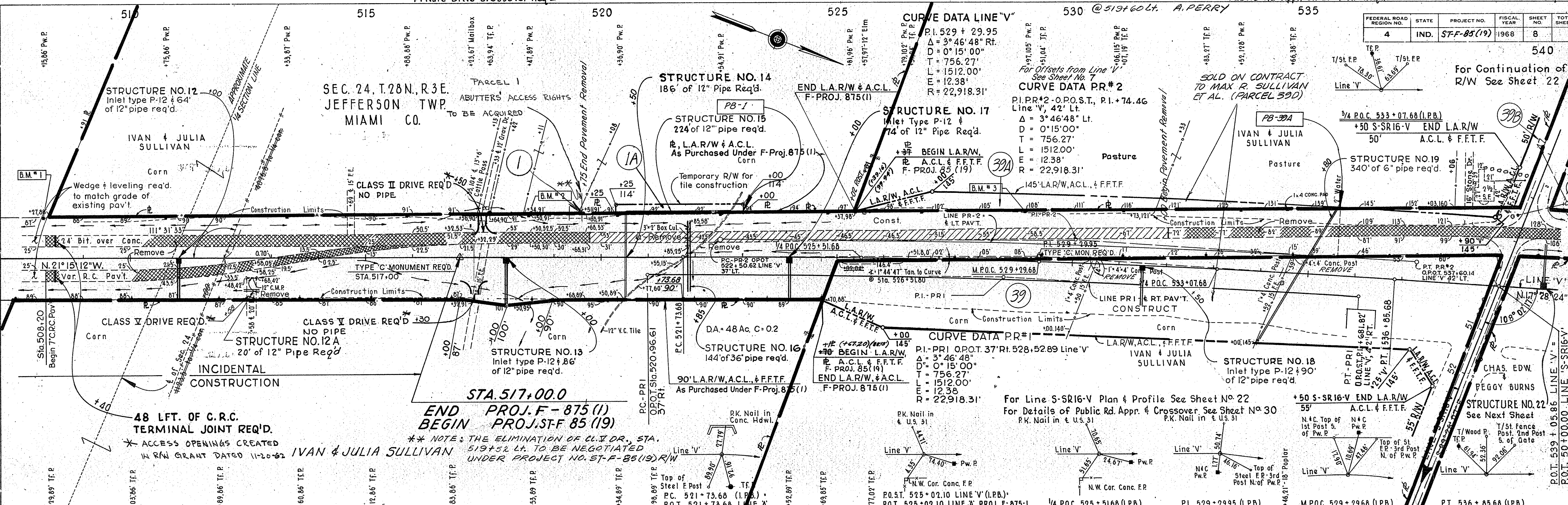
PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
57-F-85(19)	V	7		



FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-85(19)	1968	8	540

**PLAN**  
 SHOWN BY: [Name]  
 CHECKED BY: [Name]  
 DATE: [Date]  
 NO. 96351

**PROFILE**  
 SHOWN BY: [Name]  
 CHECKED BY: [Name]  
 DATE: [Date]  
 NO. 96351



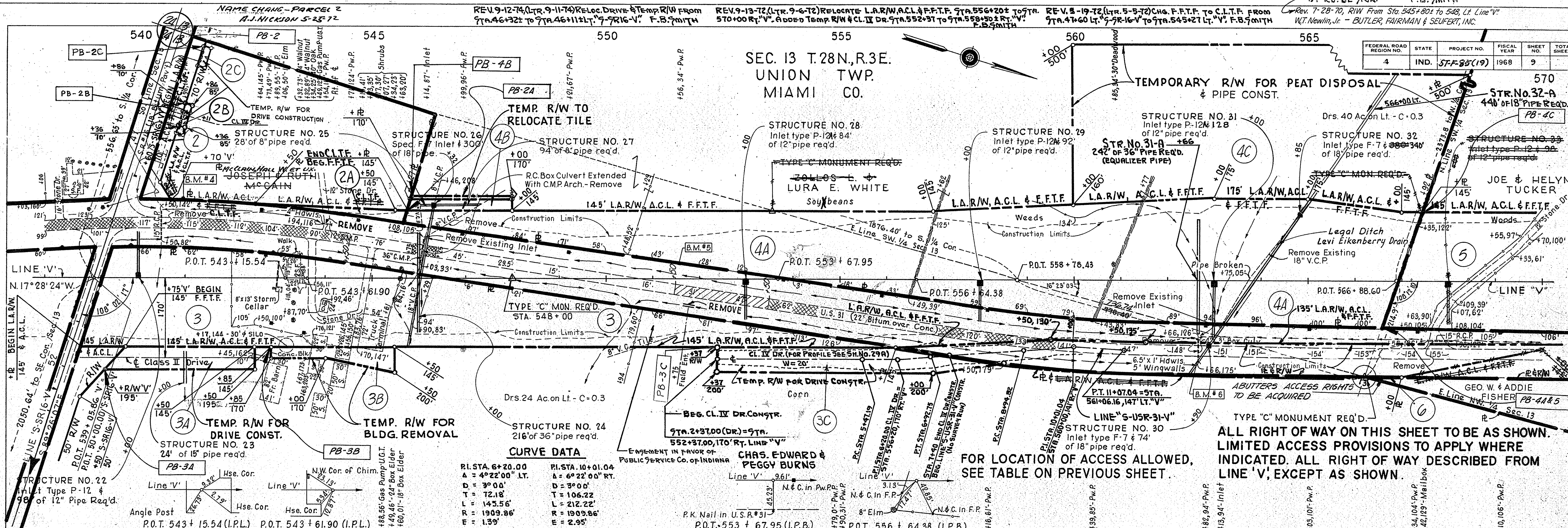
ALL RIGHT OF WAY ON THIS SHEET TO BE AS SHOWN. LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED. ALL RIGHT OF WAY DESCRIBED FROM LINE 'V' EXCEPT AS SHOWN.

LOCATION	TYPE OR CLASS
STA. 517+50 Line 'V' LT.	CLASS II
STA. 517+50 Line 'V' RT.	CLASS II
STA. 539+05.86 Line 'V' LT & RT	PUBLIC RD. APPROACH CLASS V



FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-85(19)	1968	9	

SEC. 13 T.28N., R.3E.  
 UNION TWP.  
 MIAMI CO.



ALL RIGHT OF WAY ON THIS SHEET TO BE AS SHOWN. LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED. ALL RIGHT OF WAY DESCRIBED FROM LINE 'V', EXCEPT AS SHOWN.

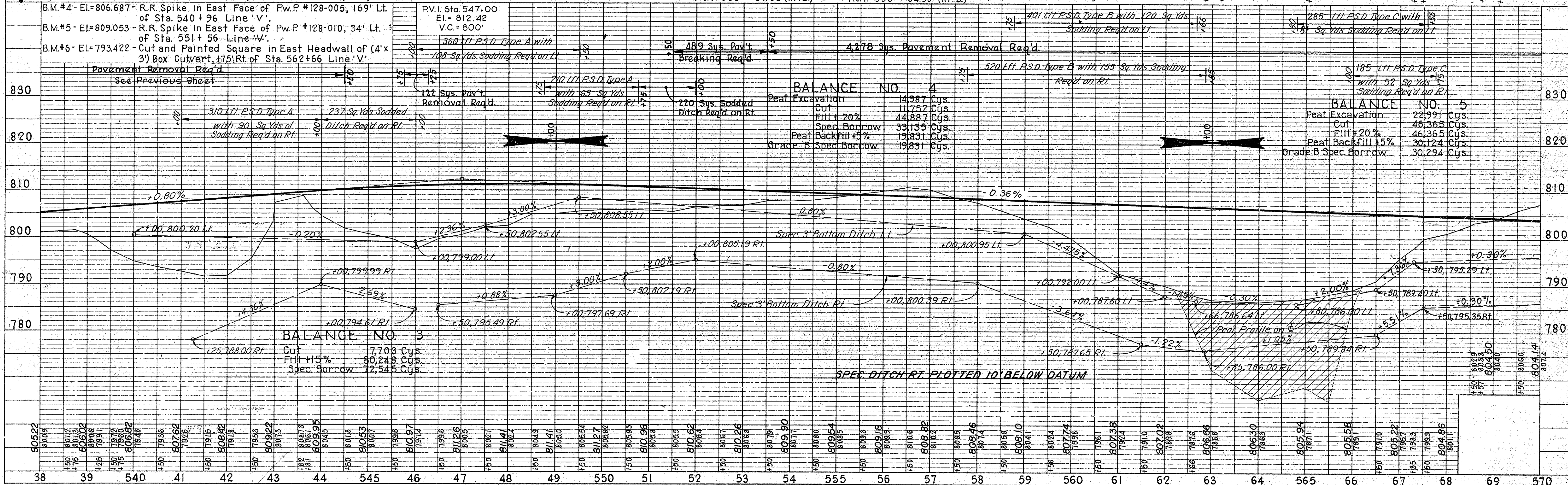
FOR LOCATION OF ACCESS ALLOWED, SEE TABLE ON PREVIOUS SHEET.

**CURVE DATA**

PI STA. 6+20.00	PI STA. 10+01.04
Δ = 4°22'00" LT.	Δ = 6°22'00" RT.
D = 3°00'	D = 3°00'
T = 12.18	T = 106.22
L = 145.56'	L = 212.22'
R = 1909.86'	R = 1909.86'
E = 1.39'	E = 2.95'

**PLAN**  
 CHECKED BY: [Name]  
 DRAWN BY: [Name]  
 DATE: [Date]

**PROFILE**  
 CHECKED BY: [Name]  
 DRAWN BY: [Name]  
 DATE: [Date]

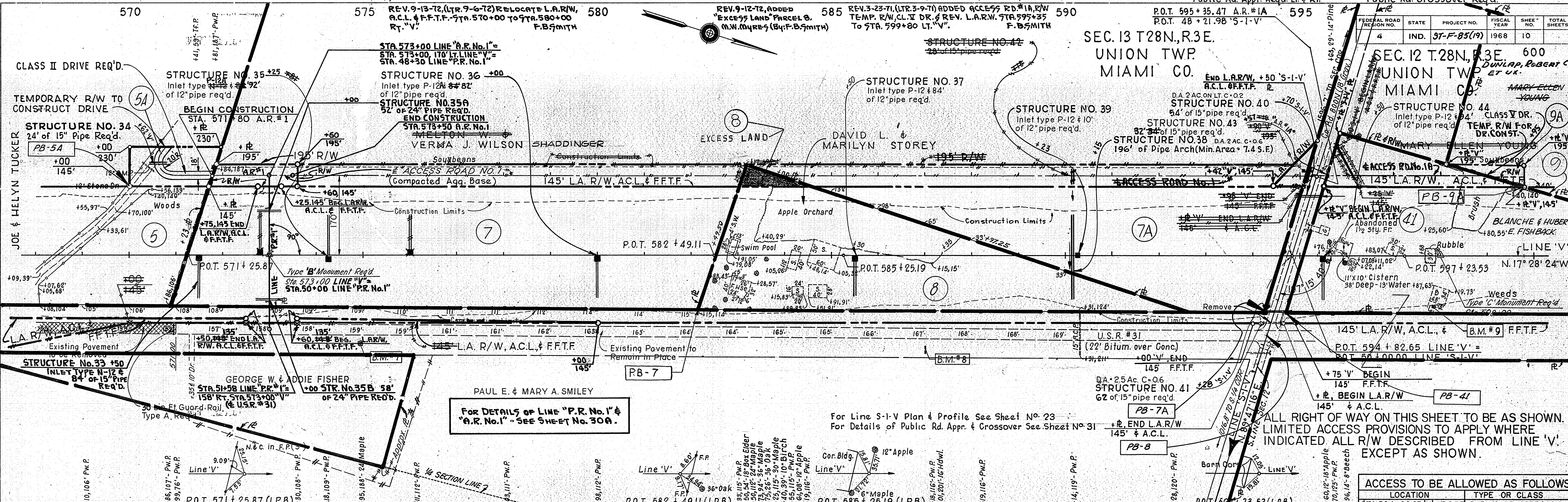


PROJECT NO.	LINE	SHEET	TOTAL SHEETS	FILE
ST-F-85(19)	V	9		



PLAN  
 SURVEYED BY: CHAS. W. COLE & SON, INC. 12-57  
 CHECKED BY: CHAS. W. COLE & SON, INC. 3-68  
 NOTE BOOK NO. 96351  
 DATE: 10-26-68

PROFILE  
 SURVEYED BY: CHAS. W. COLE & SON, INC. 12-57  
 CHECKED BY: CHAS. W. COLE & SON, INC. 3-68  
 NOTE BOOK NO. 96351  
 DATE: 10-26-68

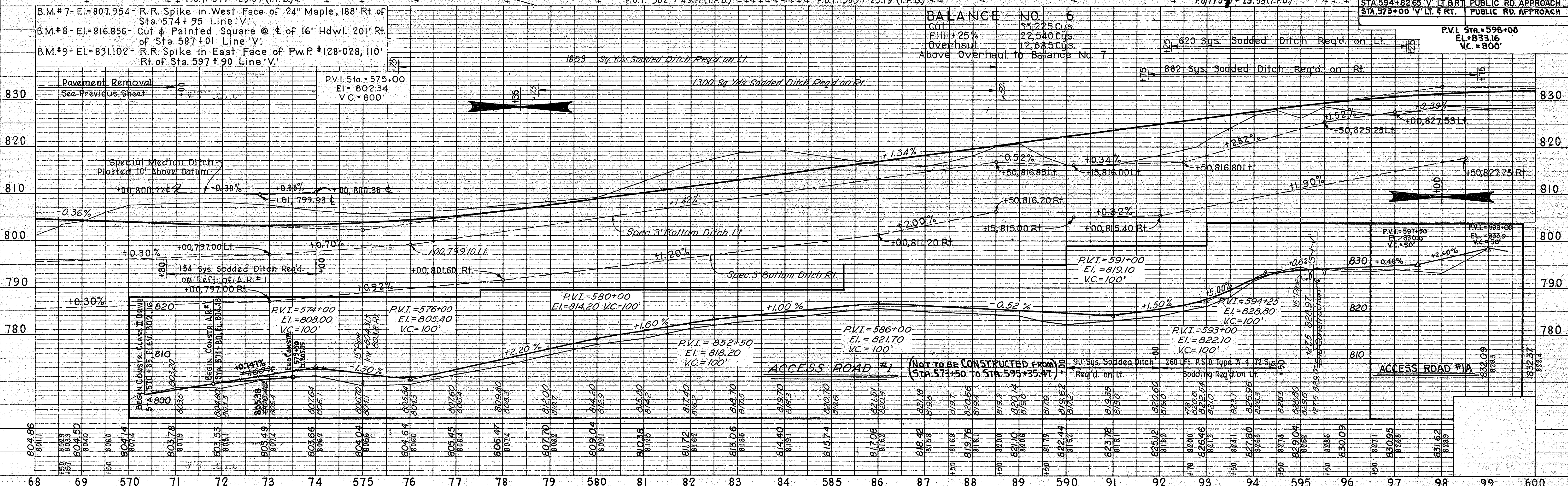


For DETAILS OF LINE "P.R. No. 1" & "A.R. No. 1" - SEE SHEET No. 30A.

For Line S-I-V Plan & Profile See Sheet No. 23  
 For Details of Public Rd. Appr. & Crossover See Sheet No. 31

ALL RIGHT OF WAY ON THIS SHEET TO BE AS SHOWN. LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED ALL R/W DESCRIBED FROM LINE 'V'. EXCEPT AS SHOWN.

ACCESS TO BE ALLOWED AS FOLLOWS		
LOCATION	TYPE OR CLASS	
STA. 594+82.65 V' LT. & RT.	PUBLIC RD. APPROACH	
STA. 573+00 V' LT. & RT.	PUBLIC RD. APPROACH	





REV. 9-13-72, NAME CHANGE - PARCEL 9, A. J. NICKSON

REV. 3-30-72, NAME CHANGE - PARCEL 12, A. PERRY  
REV. 8-21-72, NAME CHANGE - PARCEL 11, A. J. NICKSON

REV. 3-23-71 (L.T.R. 3-9-71) ADDED OCC. RD. 1/2 R/W, TEMP. R/W  
& C.L.T. DR. STA. 597+00 TO STA. 599+80 L.T.V. F.B. SMITH

REV. 7-20-70, Existing U.S.R. 31 Boundary From  
Sta. 597 to 618 L.T.V. W.T. Newlin, Jr.

REV. 3-31-71 (L.T.R. 3-9-71) APPROVED BY RD. DESIGN. F.B. SMITH  
Sta. 626 + 00 Lt & Rt.  
Public Rd. Approach &  
Public Rd. Crossover Req'd.  
See Details on Sheet No. 31

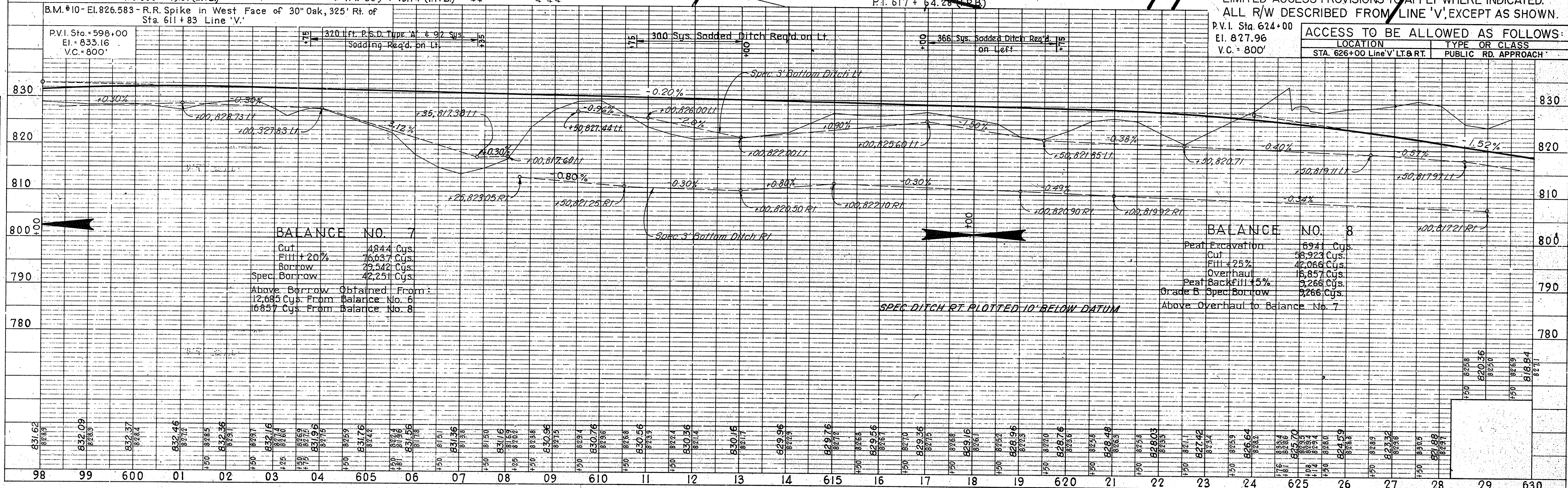
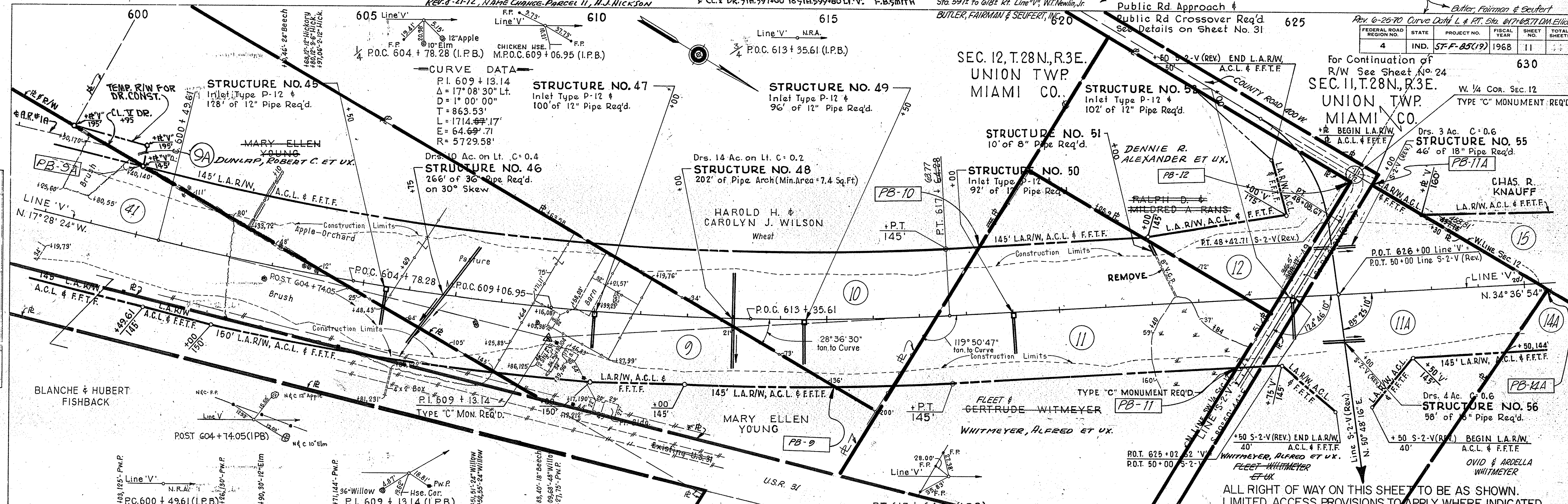
FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	57-F-85(19)	1968	11	22

**PLAN**

BY: CHAS. W. COLE & SON, INC.  
DATE: 12-17-67  
CHECKED: CHAS. W. COLE & SON, INC.  
DATE: 1-3-68  
NO. 96361

**PROFILE**

BY: CHAS. W. COLE & SON, INC.  
DATE: 12-17-67  
CHECKED: CHAS. W. COLE & SON, INC.  
DATE: 1-3-68  
NO. 96361



**BALANCE NO. 7**

Cut	4844 Cys.
Fill + 20%	76637 Cys.
Borrow	29,542 Cys.
Spec. Borrow	42,251 Cys.

Above Borrow Obtained From:  
12,685 Cys. From Balance No. 6  
16,857 Cys. From Balance No. 8

**BALANCE NO. 8**

Peat Excavation	6941 Cys.
Cut	38,923 Cys.
Fill + 25%	42,066 Cys.
Overhaul	16,857 Cys.
Peat Backfill + 5%	9,268 Cys.
Grade B. Spec. Borrow	9,268 Cys.

Above Overhaul to Balance No. 7

ACCESS TO BE ALLOWED AS FOLLOWS:

LOCATION	TYPE OR CLASS
STA. 626+00 Line 'V' LT. & RT.	PUBLIC RD. APPROACH

ALL RIGHT OF WAY ON THIS SHEET TO BE AS SHOWN.  
LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.  
ALL R/W DESCRIBED FROM 'LINE 'V', EXCEPT AS SHOWN.

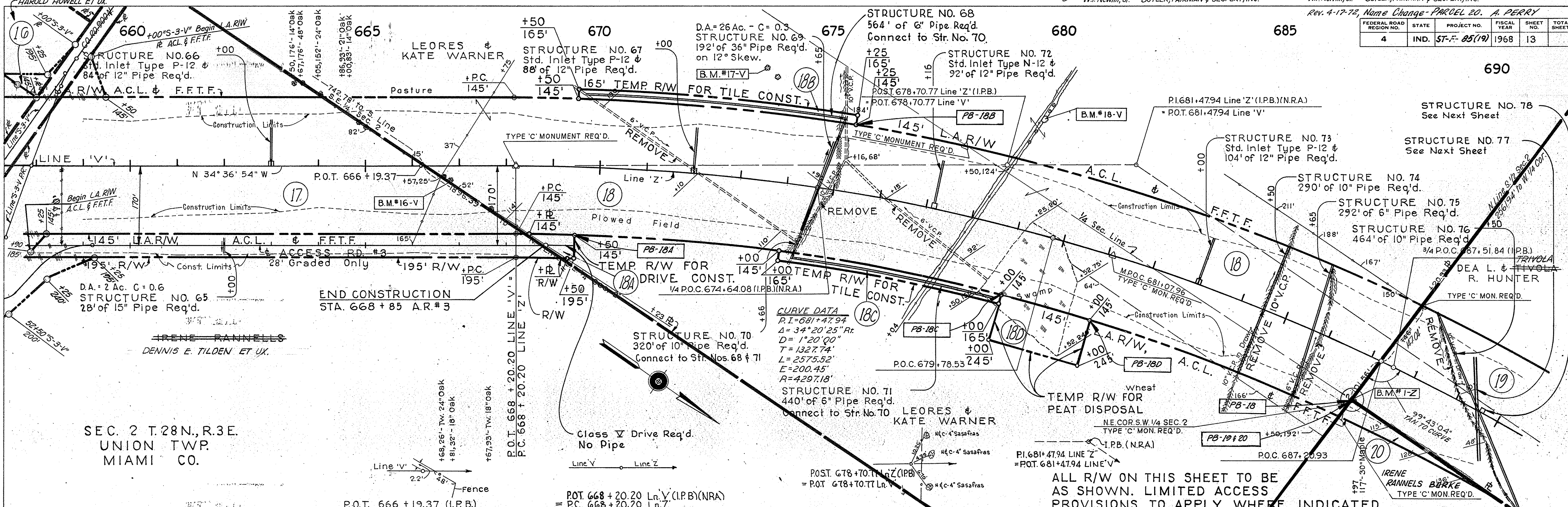






REV. 3-31-71 (L.R. 3-9-71) APPROVED BY RD. DESIGN. F.B. SMITH  
 Rev. 7-21-70, 12 From Sta. 661+ to 679+ Lt. Rt. Line V' W.T. Newlin, Jr. - BUTLER, FAIRMAN & SEUFERT, INC.  
 Rev. 7-21-70, Corrected R/W From Sta. 557+ to 660 Lt. Rt. Line V' W.T. Newlin, Jr. - BUTLER, FAIRMAN & SEUFERT, INC.  
 Rev. 4-17-72, Name Change - PARCEL 20. A. PERRY

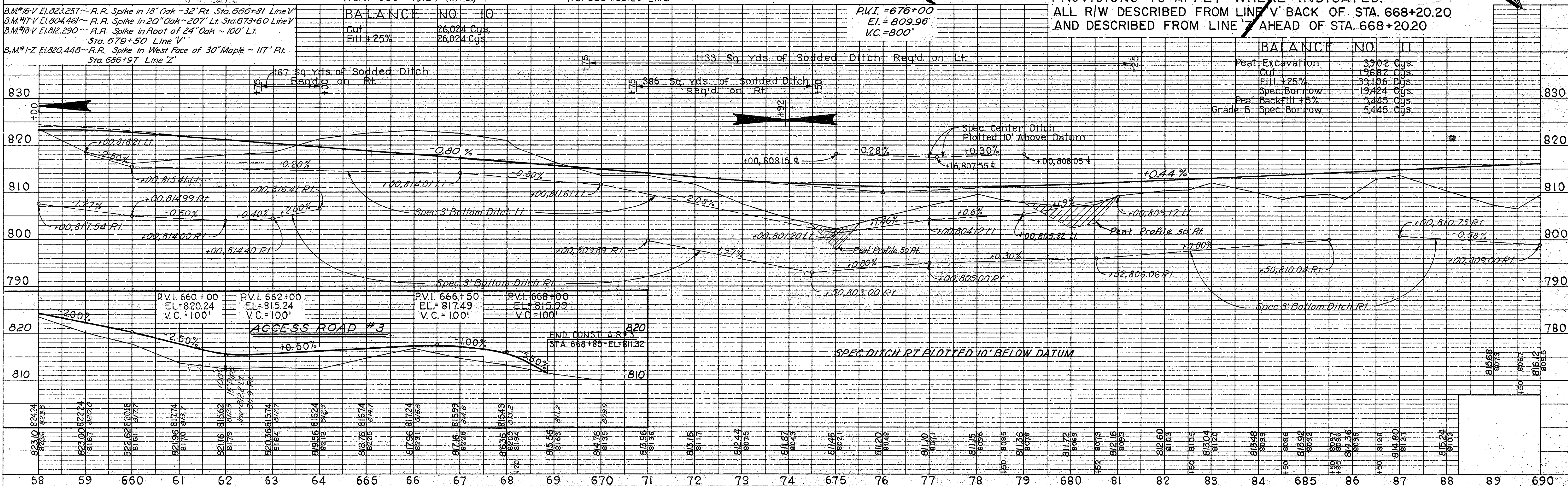
FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-85(19)	1968	13	



SEC. 2 T.28N., R.3E.  
 UNION TWP.  
 MIAMI CO.

PLAN  
 SURVEYED  
 PLOTTED  
 NOTE BOOK GRADES CHECKED  
 No. 91631T

PROFILE  
 SURVEYED  
 PLOTTED  
 NOTE BOOK GRADES CHECKED  
 No. 91631L



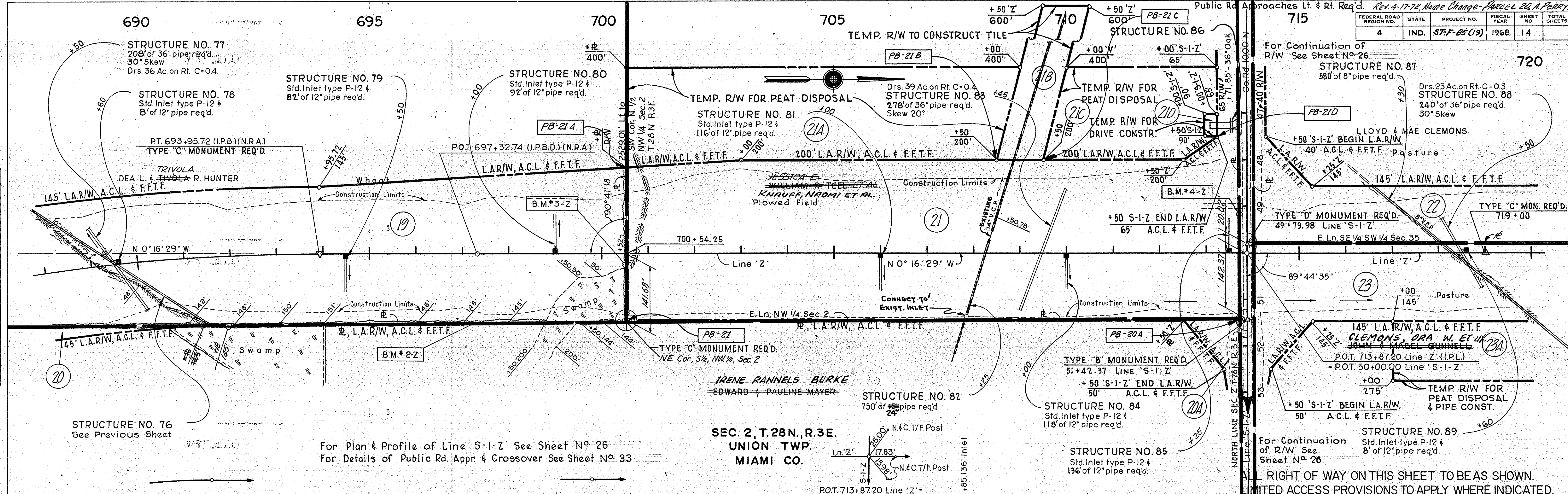
ALL R/W ON THIS SHEET TO BE AS SHOWN. LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.  
 ALL R/W DESCRIBED FROM LINE V' BACK OF STA. 668+20.20 AND DESCRIBED FROM LINE Z' AHEAD OF STA. 668+20.20



FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-85(19)	1968	14	

**PLAN**  
 SURVEYED BY: CHAS. W. COLE & SON, INC.  
 NOTE BOOK NO. 56444  
 DATE: 10-10-68  
 CHECKED BY: CHAS. W. COLE & SON, INC.  
 DATE: 10-10-68

**PROFILE**  
 SURVEYED BY: CHAS. W. COLE & SON, INC.  
 NOTE BOOK NO. 56444  
 DATE: 10-10-68  
 CHECKED BY: CHAS. W. COLE & SON, INC.  
 DATE: 10-10-68



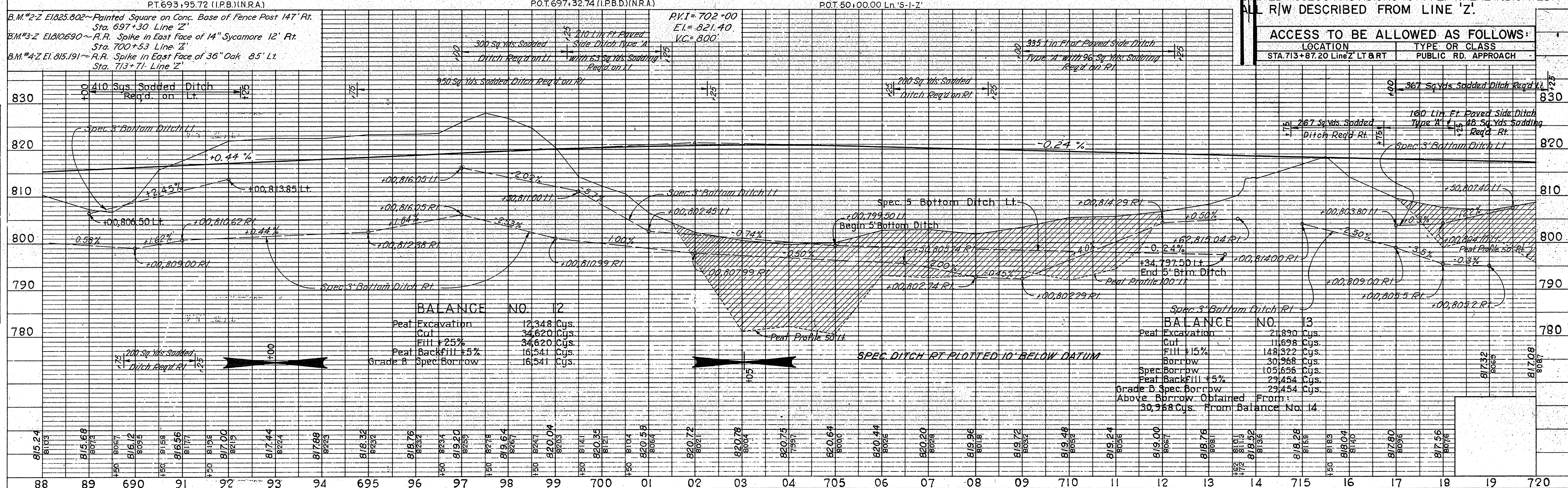
For Plan & Profile of Line S-1-Z See Sheet No. 26  
 For Details of Public Rd. Appr. & Crossover See Sheet No. 33

SEC. 2, T. 28N., R. 3E.  
 UNION TWP.  
 MIAMI CO.

RIGHT OF WAY ON THIS SHEET TO BE AS SHOWN.  
 LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.  
 ALL R/W DESCRIBED FROM LINE 'Z'.

ACCESS TO BE ALLOWED AS FOLLOWS:

LOCATION	TYPE OR CLASS
STA. 713+87.20 Line 'Z' LT & RT	PUBLIC RD. APPROACH

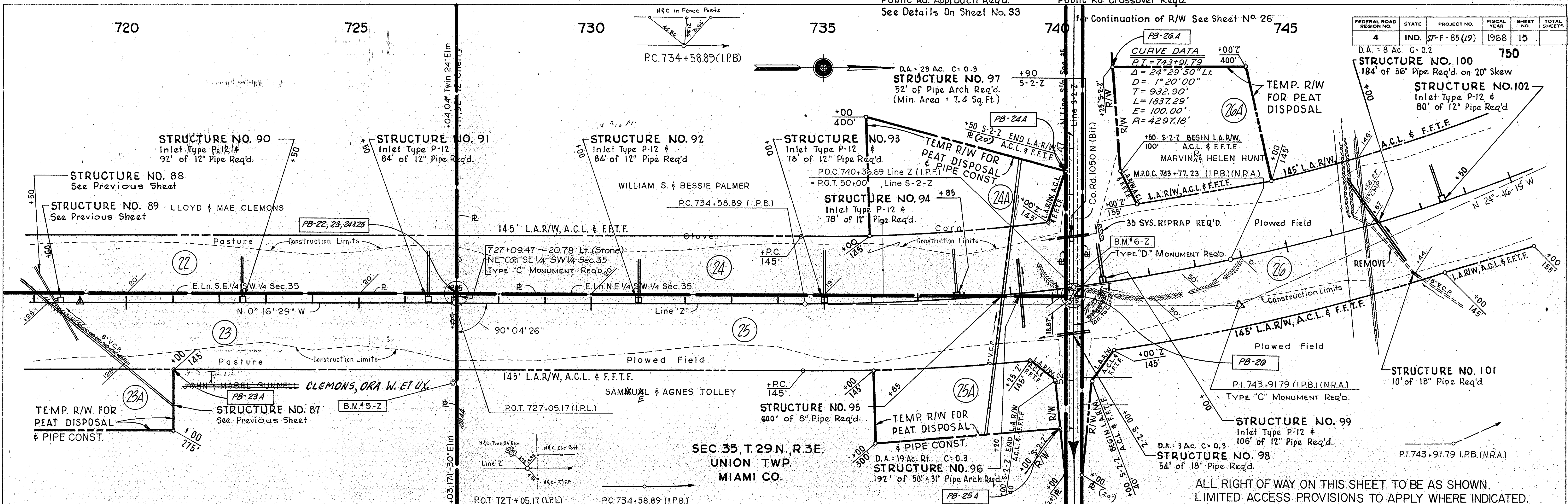




Sta. 740 + 36.69 Lt. & Rt. Public Rd. Approach Req'd. See Details On Sheet No. 33  
 Sta. 740 + 36.69 Public Rd. Crossover Req'd. For Continuation of R/W See Sheet No. 26

**PLAN**  
 SURVEYED BY CHAS. W. COLE & SON, INC.  
 PLOTTED BY CHAS. W. COLE & SON, INC.  
 NOTE BOOK: ALIGNMENT CHECKED, NO. 3644L  
 RE. OF WAY CHECKED, NO. 3644L

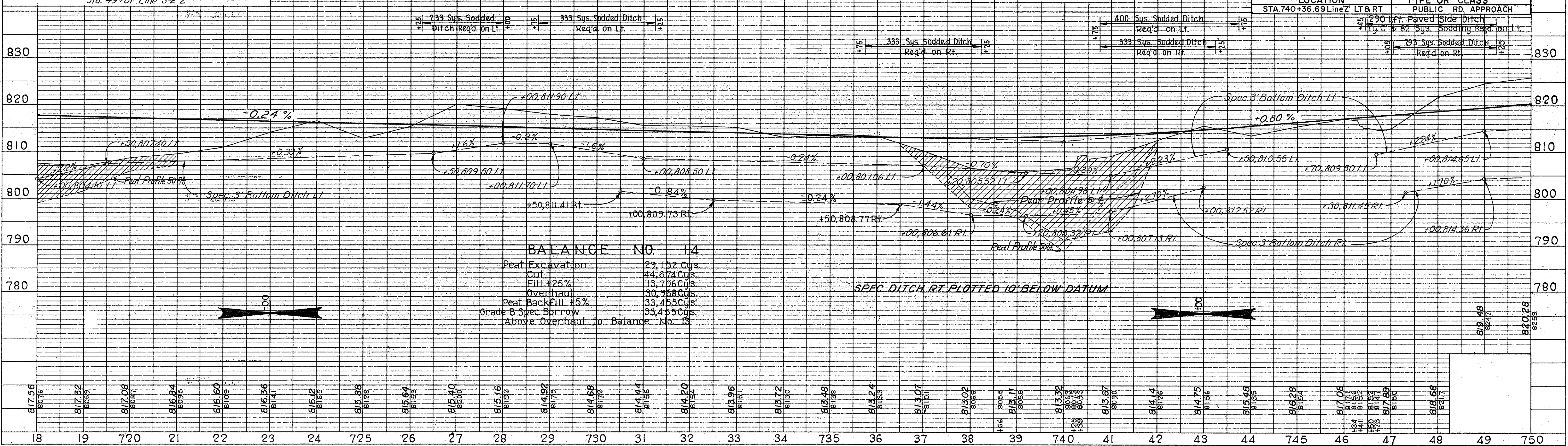
**PROFILE**  
 SURVEYED BY CHAS. W. COLE & SON, INC.  
 PLOTTED BY CHAS. W. COLE & SON, INC.  
 NOTE BOOK: GRADE CHECKED, NO. 3644L  
 STRUCTURE NOTATIONS CHECKED, NO. 3644L



B.M. #5-Z El. 826.917 ~ R.R. Spike in West Face of 30" Elm 171' Rt. Sta. 727+03 Line Z  
 B.M. #6-Z El. 809.489 ~ R.R. Spike in South Face of Tel. Pole 18' Lt. Sta. 49+61 Line S-2-Z

ALL RIGHT OF WAY ON THIS SHEET TO BE AS SHOWN.  
 LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.  
 ALL R/W DESCRIBED FROM LINE 'Z', EXCEPT AS SHOWN.

**ACCESS TO BE ALLOWED AS FOLLOWS:**



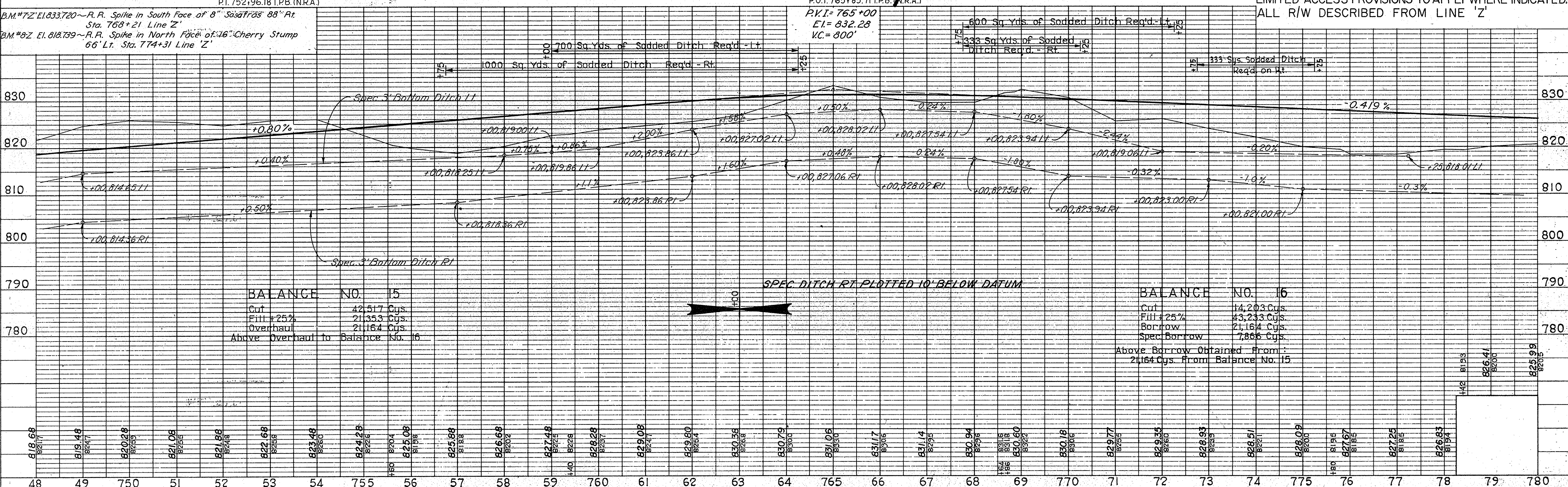
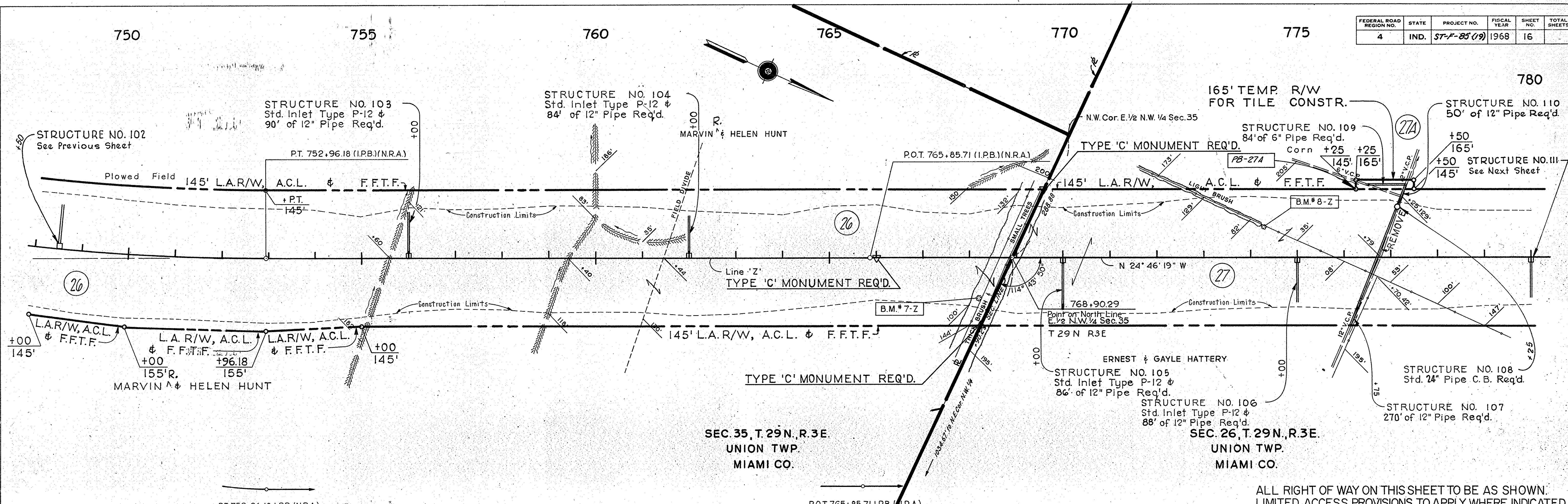
**BALANCE NO. 14**

Peat Excavation	29,152 Cus.
Fill +25%	44,674 Cus.
Overhaul	13,706 Cus.
Peat Backfill +5%	30,968 Cus.
Grade B Spec Borrow	33,455 Cus.
Above Overhaul to Balance No. 13	



**PLAN**  
 SURVEYED BY: CHAS. W. COLE & SON, INC.  
 PLOTTED BY: CHAS. W. COLE & SON, INC.  
 NOTE BOOK NO. 9643T  
 DATE: 12-10-68

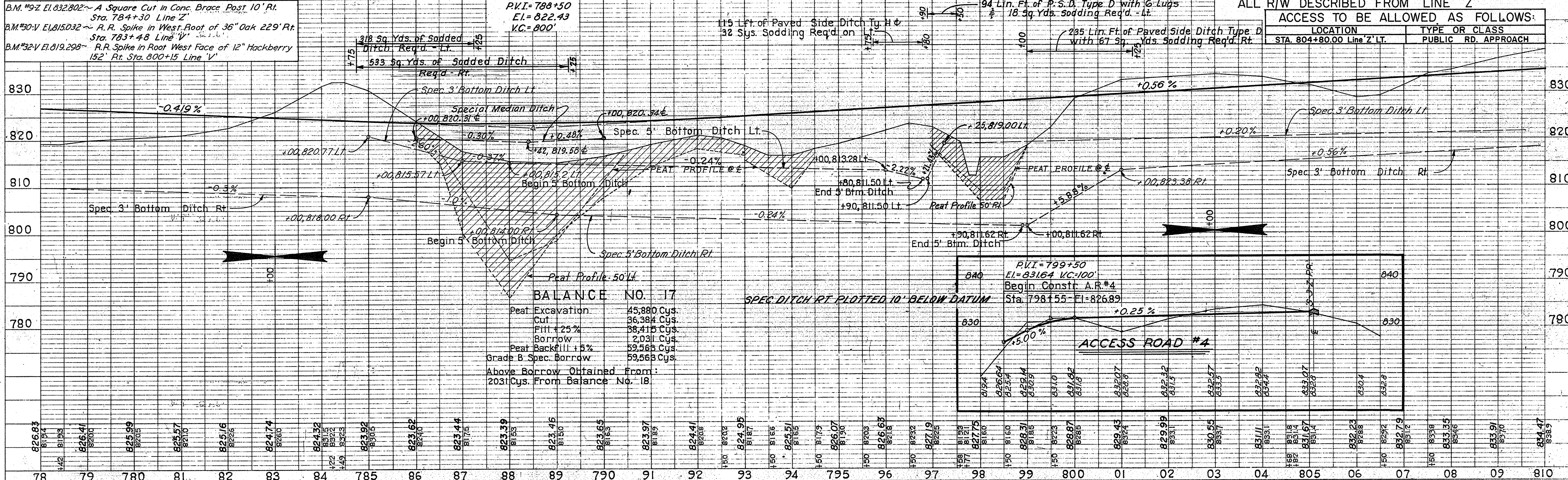
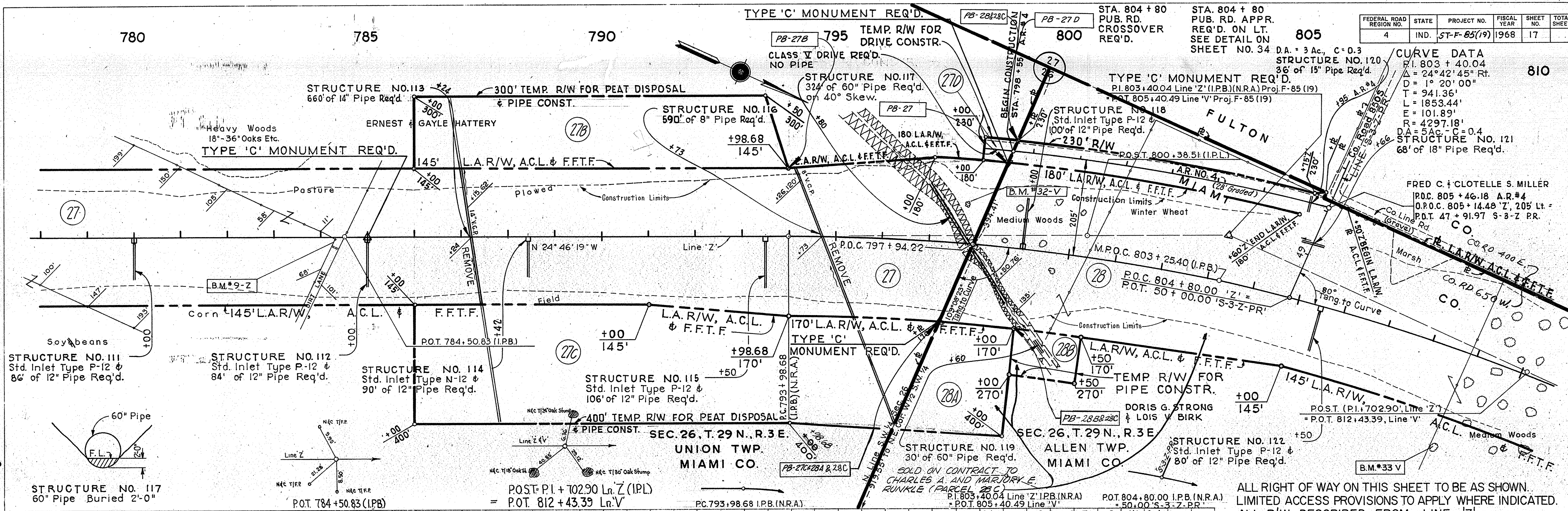
**PROFILE**  
 SURVEYED BY: CHAS. W. COLE & SON, INC.  
 PLOTTED BY: CHAS. W. COLE & SON, INC.  
 NOTE BOOK NO. 9644L  
 DATE: 12-10-68





**PLAN**  
 CHAS. W. COLE & SON  
 ENGINEERS  
 NOTE BOOK GRADES CHECKED  
 NO. 36441  
 STRUCTURE NO. 117

**PROFILE**  
 CHAS. W. COLE & SON  
 ENGINEERS  
 NOTE BOOK GRADES CHECKED  
 NO. 36441  
 STRUCTURE NO. 117



ACCESS TO BE ALLOWED AS FOLLOWS:

LOCATION	TYPE OR CLASS
STA. 804+80.00 Line 'Z' LT.	PUBLIC RD. APPROACH

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-F-85(19)	Z	17		



FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	57-F-85(19)	1968	18	

**PLAN**

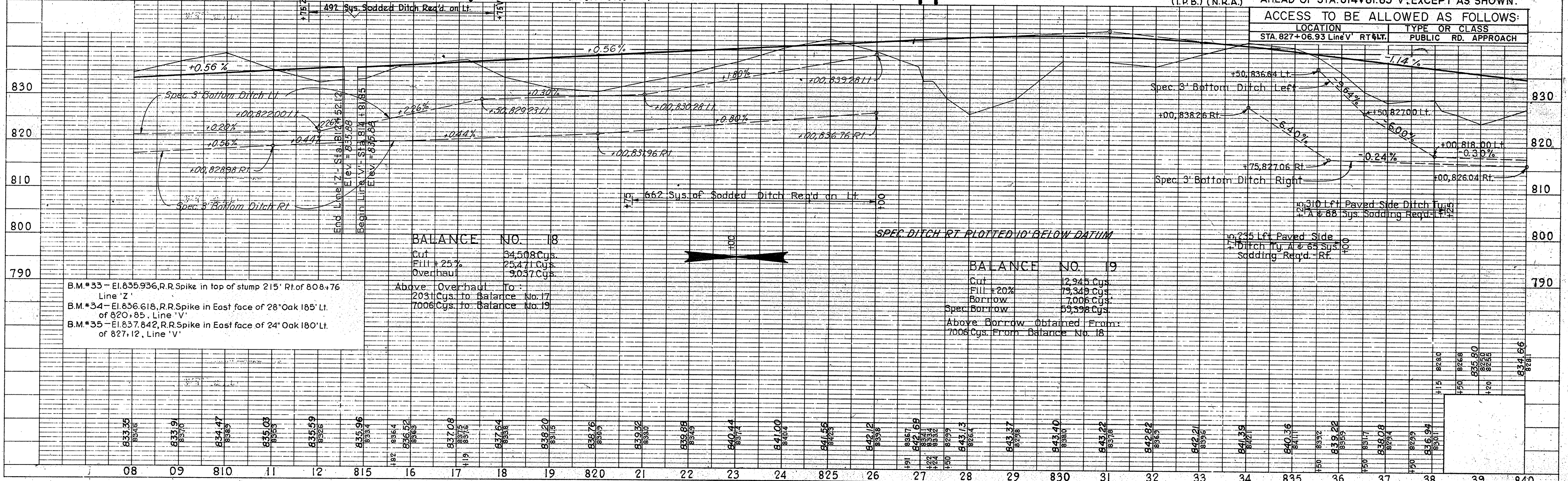
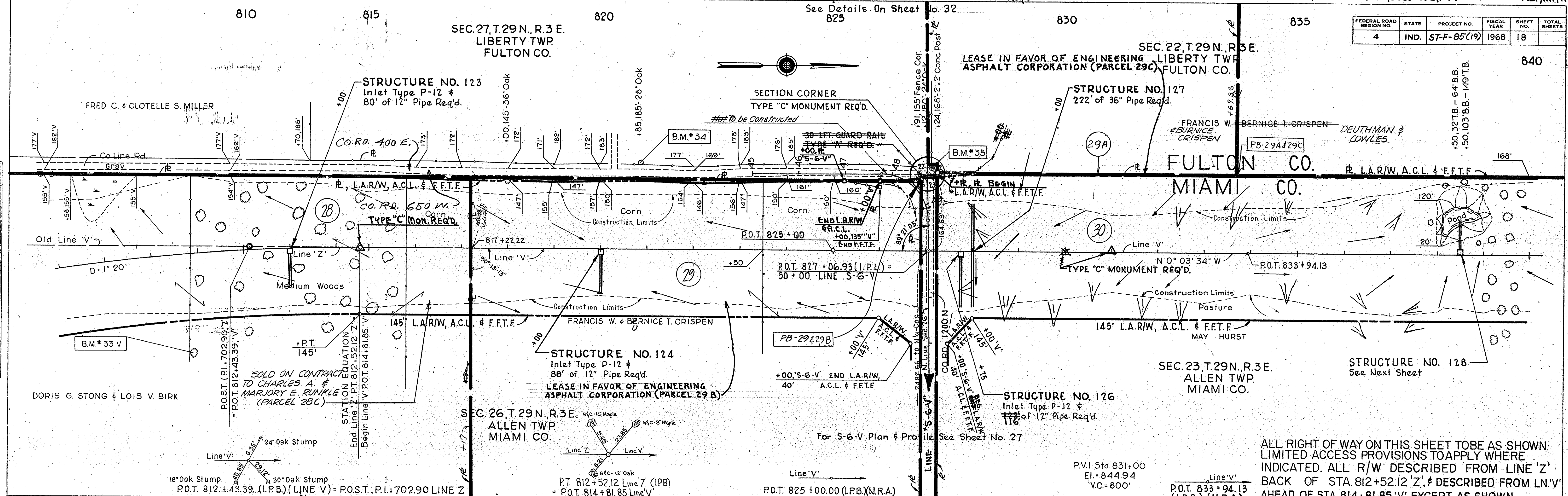
BY: W. W. COLE & SON  
CHECKED: W. W. COLE & SON  
DATE: 11-1-68

NO. 9638L

**PROFILE**

BY: W. W. COLE & SON  
CHECKED: W. W. COLE & SON  
DATE: 11-1-68

NO. 9638L



ALL RIGHT OF WAY ON THIS SHEET TO BE AS SHOWN. LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED. ALL R/W DESCRIBED FROM LINE 'Z' BACK OF STA. 812+52.12 'Z', & DESCRIBED FROM LN 'V' AHEAD OF STA. 814+81.85 'V', EXCEPT AS SHOWN.

ACCESS TO BE ALLOWED AS FOLLOWS:

LOCATION	TYPE OR CLASS
STA. 827+06.93 Line 'V' RT & LT.	PUBLIC RD. APPROACH

**BALANCE NO. 18**

Cut 34,508 Cys  
Fill + 25% 25,471 Cys  
Overhaul 9,057 Cys

Above Overhaul To:  
2031 Cys. to Balance No. 17  
7006 Cys. to Balance No. 19

**BALANCE NO. 19**

Cut 12,945 Cys  
Fill + 20% 73,345 Cys  
Borrow 7,006 Cys  
Spec Borrow 53,338 Cys

Above Borrow Obtained From:  
7006 Cys. From Balance No. 18





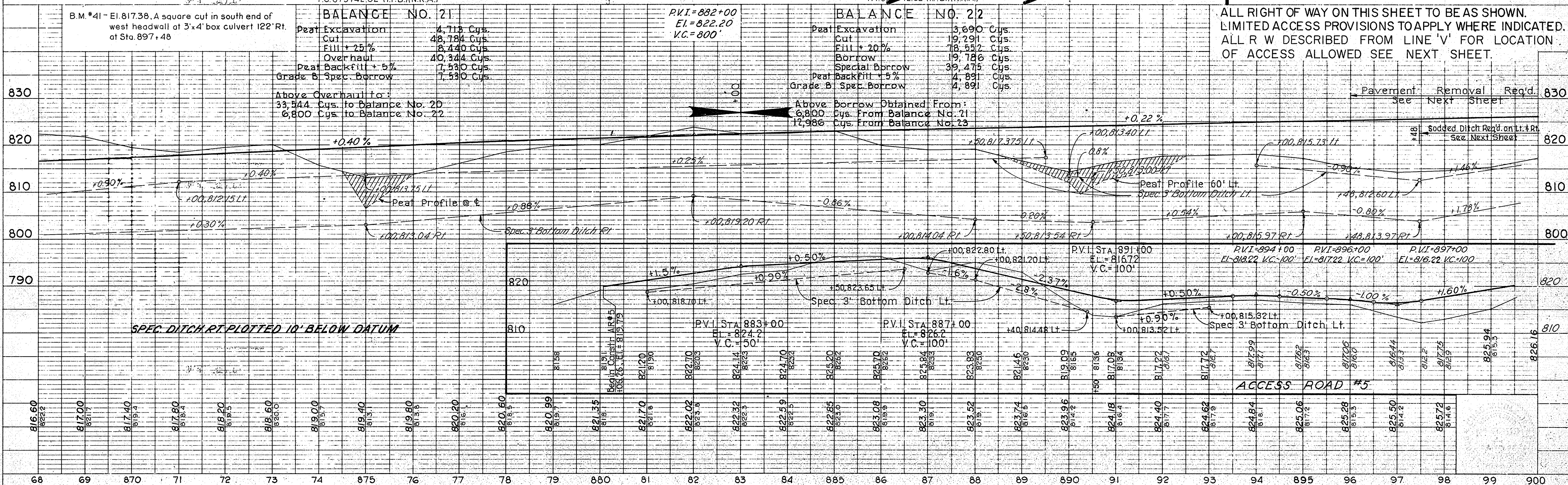
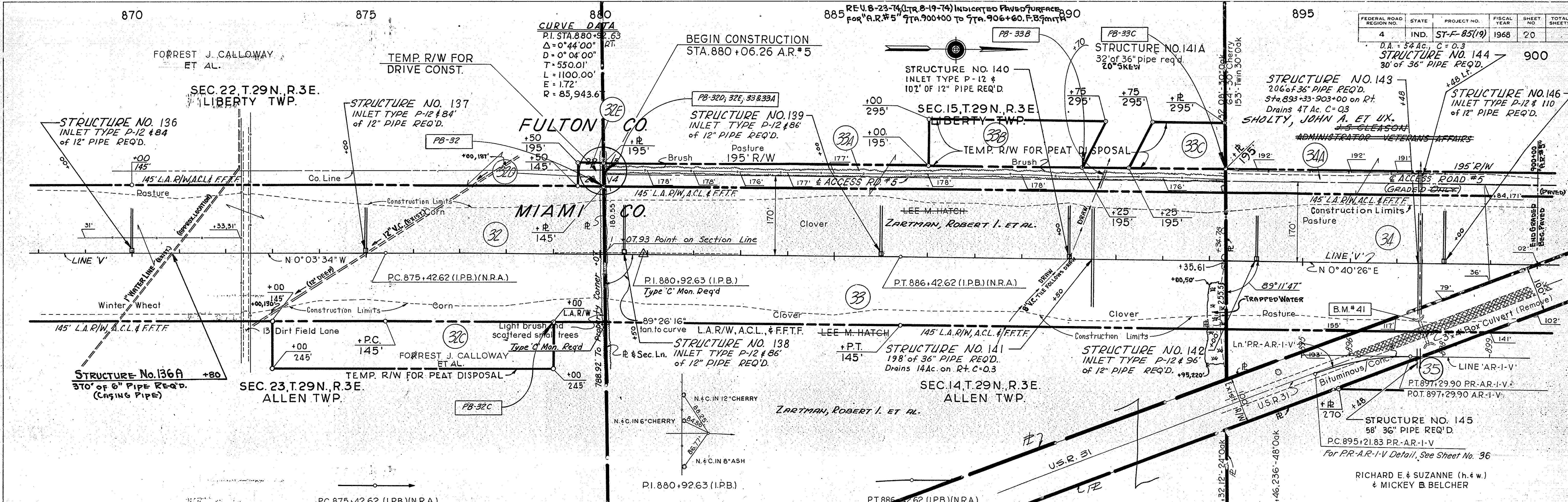


**PLAN**

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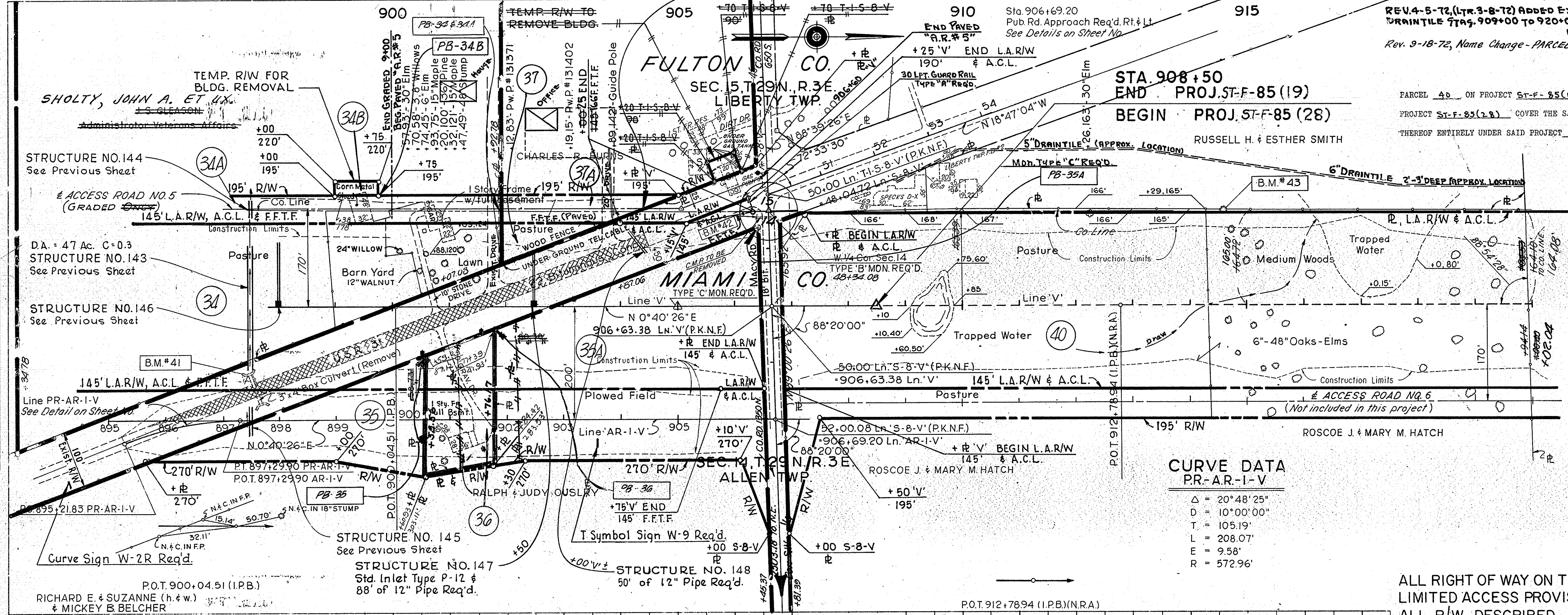
**PROFILE**

CHAS. W. COLE & SON, INC.  
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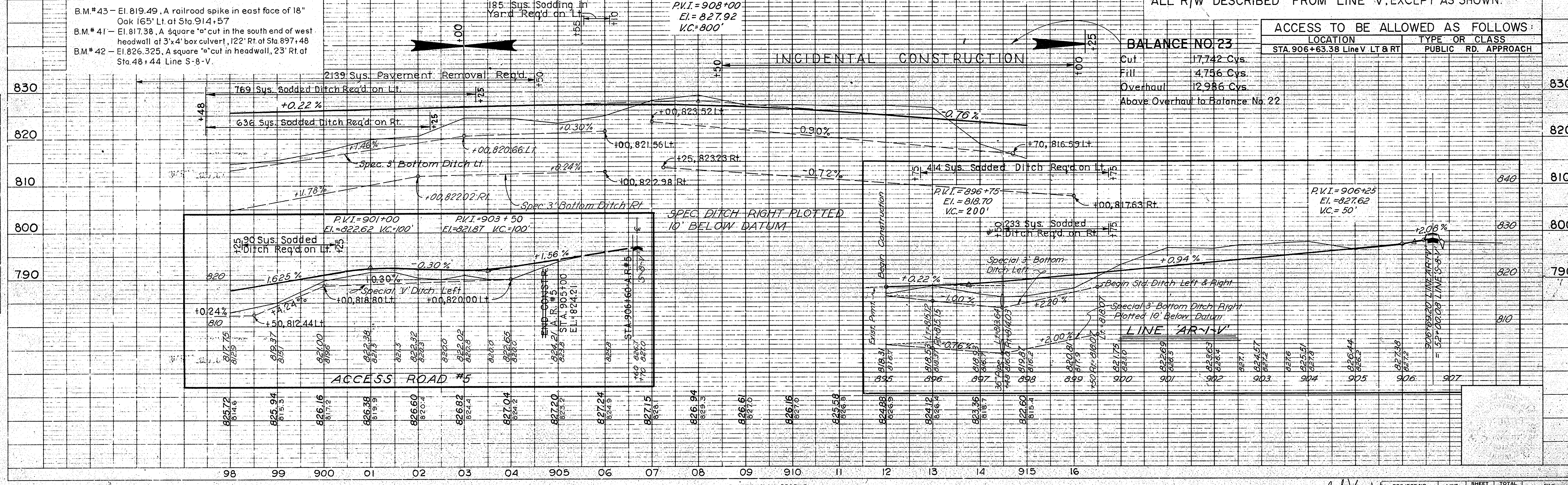
FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-85(19)	1968	21	



**CURVE DATA**  
PR-AR-I-V

Δ	= 20°48'25"
D	= 10°00'00"
T	= 105.19'
L	= 208.07'
E	= 9.58'
R	= 572.96'

ALL RIGHT OF WAY ON THIS SHEET TO BE AS SHOWN.  
 LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.  
 ALL R/W DESCRIBED FROM LINE 'V', EXCEPT AS SHOWN.



**ACCESS TO BE ALLOWED AS FOLLOWS:**

LOCATION	TYPE OR CLASS
STA. 906+63.38 Line V LT & RT	PUBLIC RD. APPROACH

**BALANCE NO 23**

Cut	17,742 Cys.
Fill	4,756 Cys.
Overhaul	12,986 Cys.

Above Overhaul to Balance No. 22

**PLAN**  
 SURVEYED BY CHAS. W. COLE & SON, INC. NOTE BOOK OR ORIGINAL CHECKED NO. 963971, P. 17 OF WAY CHECKED

**PROFILE**  
 SURVEYED BY CHAS. W. COLE & SON, INC. NOTE BOOK OR ORIGINAL CHECKED NO. 964011, P. 17 OF WAY CHECKED



NAME CHANGE - PARCEL 4  
A.J. NICKSON (By F.B. SMITH) 4-25-72

NAME CHANGE - PARCEL 2  
A.J. NICKSON 5-25-72

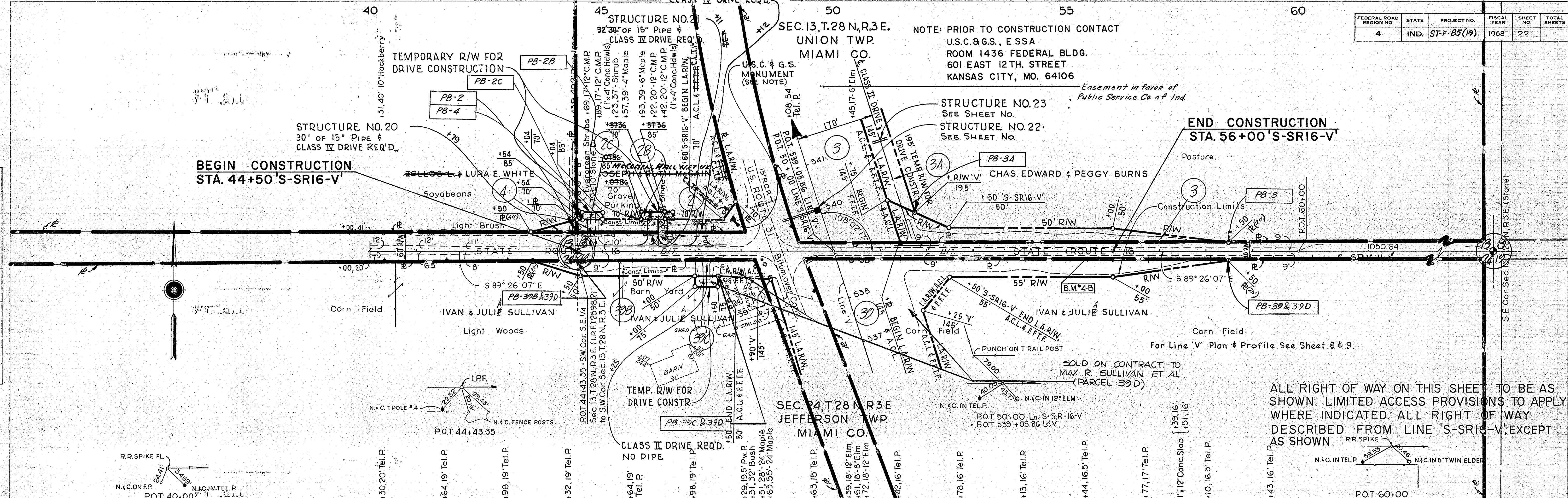
STRUCTURE NO. 21A  
32" OF 15" PIPE & 20" W  
CLASS IV DRIVE REQ'D.

REV. 9-12-74 (L.T.R. 9-11-74) RELOC. DRIVE & TEMP. R/W FROM  
STA. 46+32 TO STA. 46+11 LT. 9-SR16-V. F.B. SMITH

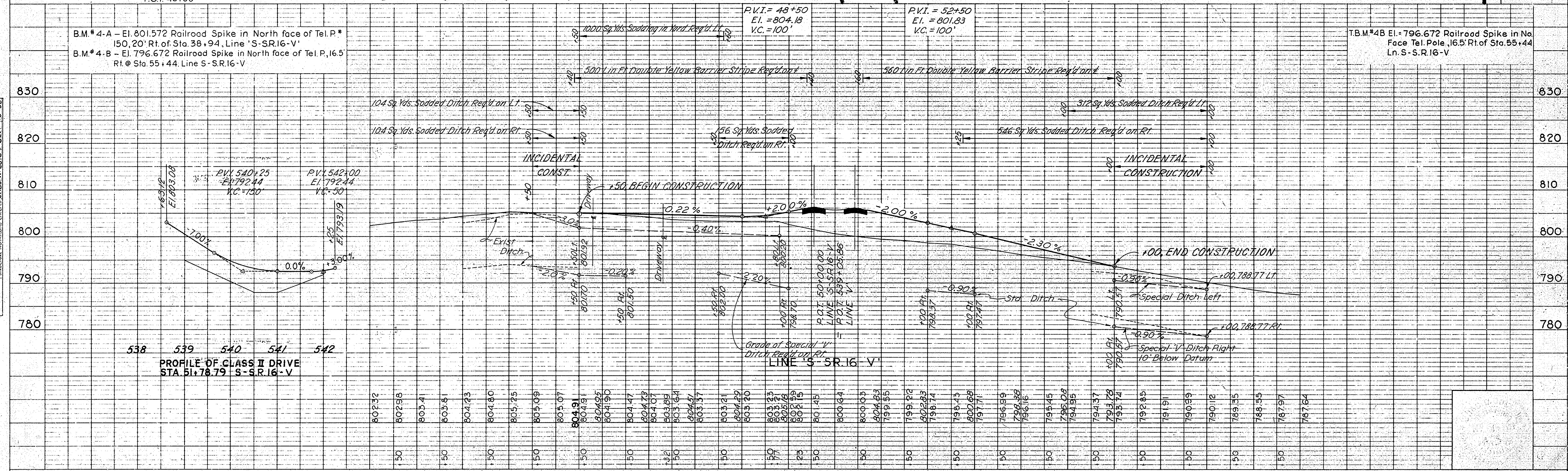
REV. 5-19-72 (L.T.R. 5-8-72) CHG F.F.F. TO C.L.T.F. 918'  
47+60 LT. 9-SR16-V TO 97A.545+27 LT. V. F.B. SMITH

REV. 3-28-72 (L.T.R. DATED 3-21-72) ADDED CLASS IV DRIVE LT  
STA. 47+12 & 9-SR16-V  
R.K. GRINER

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-85(19)	1968	22	



ALL RIGHT OF WAY ON THIS SHEET TO BE AS SHOWN. LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED. ALL RIGHT OF WAY DESCRIBED FROM LINE 'S-SR16-V', EXCEPT AS SHOWN.



PLAN  
SURVEYED BY CHAS. W. COLE & SON  
PLOTTED BY CHAS. W. COLE & SON  
CHECKED BY CHAS. W. COLE & SON  
NO. 2635 L, STRUCTURE ELEVATIONS CHECKED  
NO. 2635 L, OF WAY CHECKED

PROFILE  
SURVEYED BY CHAS. W. COLE & SON  
PLOTTED BY CHAS. W. COLE & SON  
CHECKED BY CHAS. W. COLE & SON  
NO. 2635 L, STRUCTURE ELEVATIONS CHECKED  
NO. 2635 L, OF WAY CHECKED

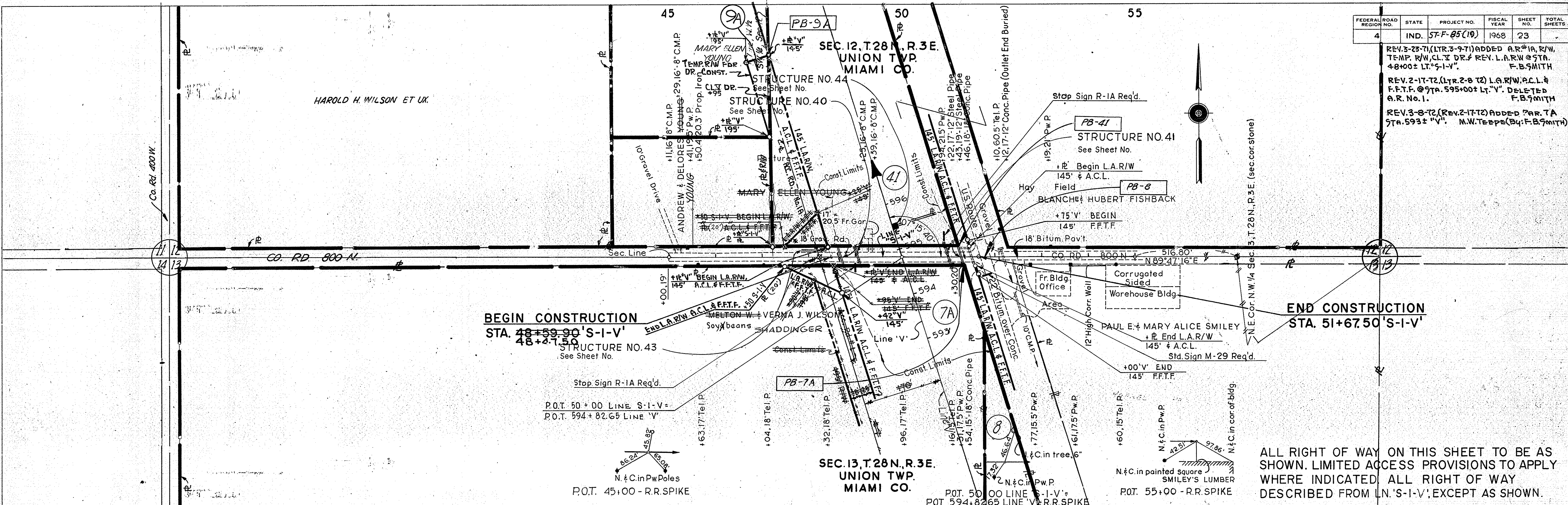


**PLAN**  
 SUPERVISOR: CHAS. W. COLE & SON, INC.  
 CHECKED: CHAS. W. COLE & SON, INC.  
 DATE: 12-67  
 SHEETS: 2-68, 3-68, 10-90  
 NOTE BOOK: RECORD CHECKED  
 NO. 96351

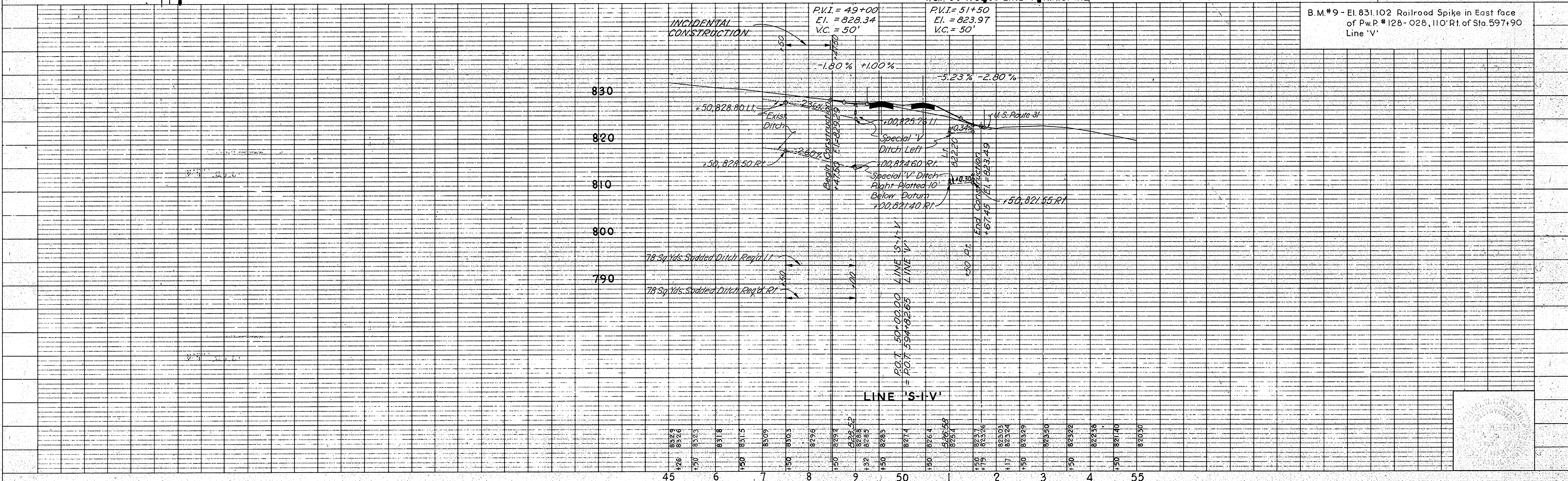
**PROFILE**  
 SUPERVISOR: CHAS. W. COLE & SON, INC.  
 CHECKED: CHAS. W. COLE & SON, INC.  
 DATE: 12-67  
 SHEETS: 2-68, 3-68, 10-90  
 NOTE BOOK: RECORD CHECKED  
 NO. 96361

FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	57-F-85(19)	1968	23	

REV. 3-23-71 (L.T.R. 3-9-71) ADDED A.R.#18, R/W, TEMP. R/W, C.I. DR. & REV. L.A.R.W. @ STA. 48+00 ± LT. 'S-I-V'. F.B. SMITH  
 REV. 2-17-72 (L.T.R. 2-8-72) L.A.R.W. A.C.L. & F.F.T.F. @ STA. 595+00 ± LT. 'V'. DELETED A.R. No. 1. F.B. SMITH  
 REV. 3-8-72 (REV. 2-17-72) ADDED PAR. 7A STA. 593 ± 'V'. M.W. TERPE (By: F.B. SMITH)



ALL RIGHT OF WAY ON THIS SHEET TO BE AS SHOWN. LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED. ALL RIGHT OF WAY DESCRIBED FROM LN. 'S-I-V', EXCEPT AS SHOWN.



B.M.#9 - E.I. 831.02 Railroad Spike in East face of Pw.P. #128-028, 110' Rt. of Sta. 597+90 Line 'V'



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND	SF-F-85(9)	1968	24	

REV. 9-18-72, (Ltr. 9-8-72) ADDED CL. V DR. @ STA. 47+82, 118' Lt. S-2-V Rev. F.B. SMITH

**PLAN**  
 CHECKED BY: [Name]  
 DATE: [Date]  
 NO. 9635L

**PROFILE**  
 CHECKED BY: [Name]  
 DATE: [Date]  
 NO. 9635L

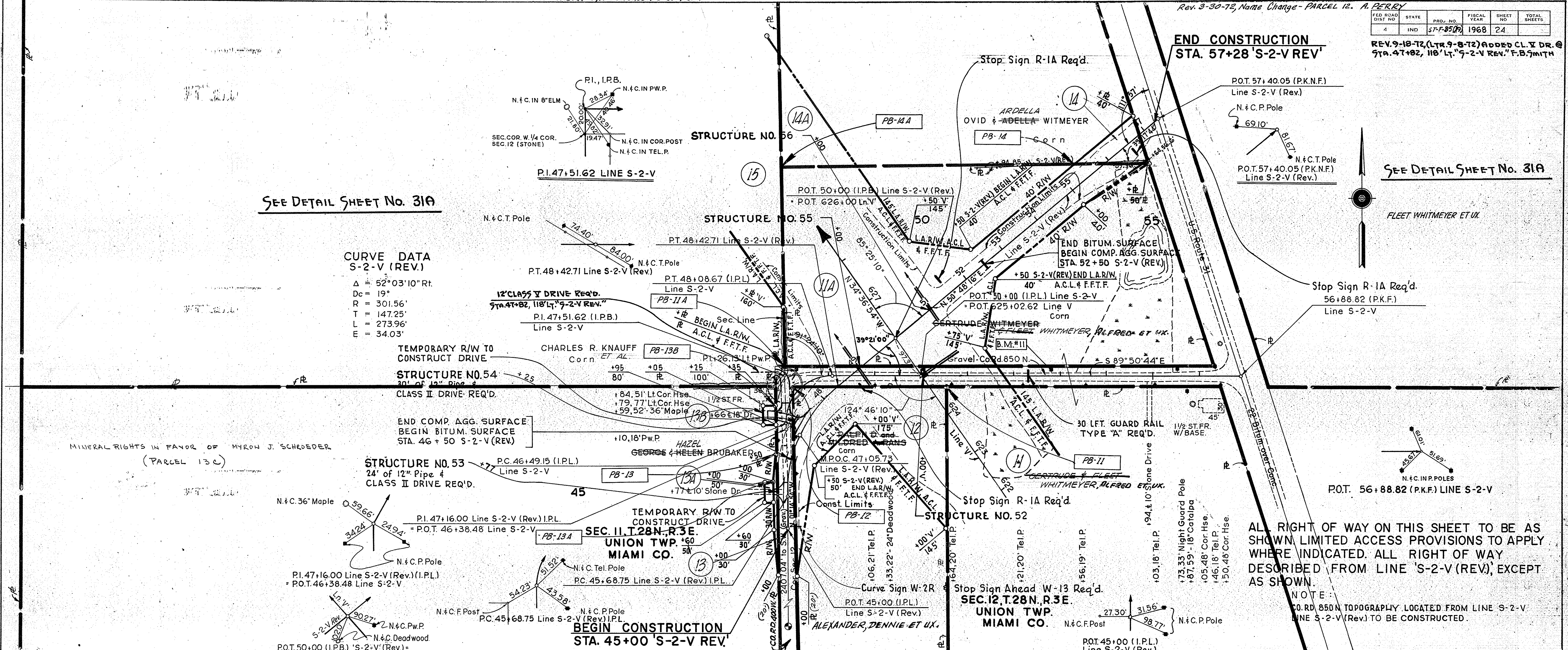
SEE DETAIL SHEET NO. 31A

**CURVE DATA S-2-V (REV.)**  
 Δ = 52°03'10" Rt.  
 Dc = 19'  
 R = 301.56'  
 T = 147.25'  
 L = 273.96'  
 E = 34.03'

**END CONSTRUCTION STA. 57+28 'S-2-V REV'**

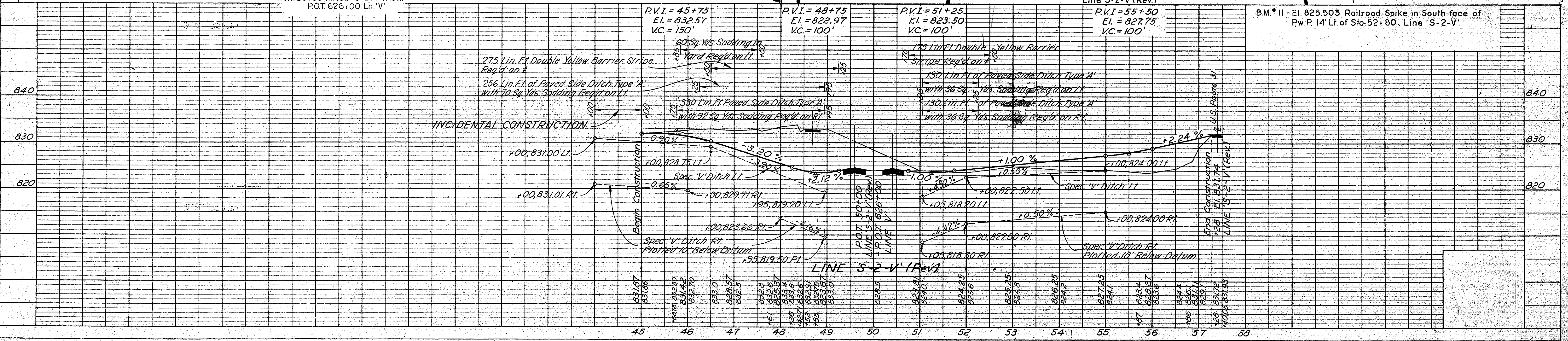
SEE DETAIL SHEET NO. 31A

FLEET WHITMEYER ET UX



ALL RIGHT OF WAY ON THIS SHEET TO BE AS SHOWN LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED. ALL RIGHT OF WAY DESCRIBED FROM LINE 'S-2-V (REV)', EXCEPT AS SHOWN.

NOTE:  
 ROAD 850' TOPOGRAPHY LOCATED FROM LINE S-2-V (REV) TO BE CONSTRUCTED.





REV. 7-12-72, CHANGE PARCEL 53 to PARCEL 15 - T.J. MULLANS

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-85(19)	1968	25	

**CURVE DATA S-3-V-PR**

Station	Delta	Tangent	Length	Elevation	Radius
P.I. 47+60.49	$\Delta = 15^{\circ}22'15''$	T = 40.69'	L = 80.90'	E = 2.73'	R = 301.56'
P.I. 52+55.36	$\Delta = 44^{\circ}22'15''$	T = 122.98'	L = 233.53'	E = 24.11'	R = 301.56'
P.I. 55+13.77	$\Delta = 29^{\circ}00'00''$	T = 77.99'	L = 152.63'	E = 9.92'	R = 301.56'

DATE 12-67  
 BY Cole & Son  
 CHECKED Cole & Son  
 DRAWN Cole & Son  
 PROJECT No. 96351  
 SHEET No. 25 of 25

DATE 5-66  
 BY Cole & Son  
 CHECKED Cole & Son  
 DRAWN Cole & Son  
 PROJECT No. 96351  
 SHEET No. 25 of 25

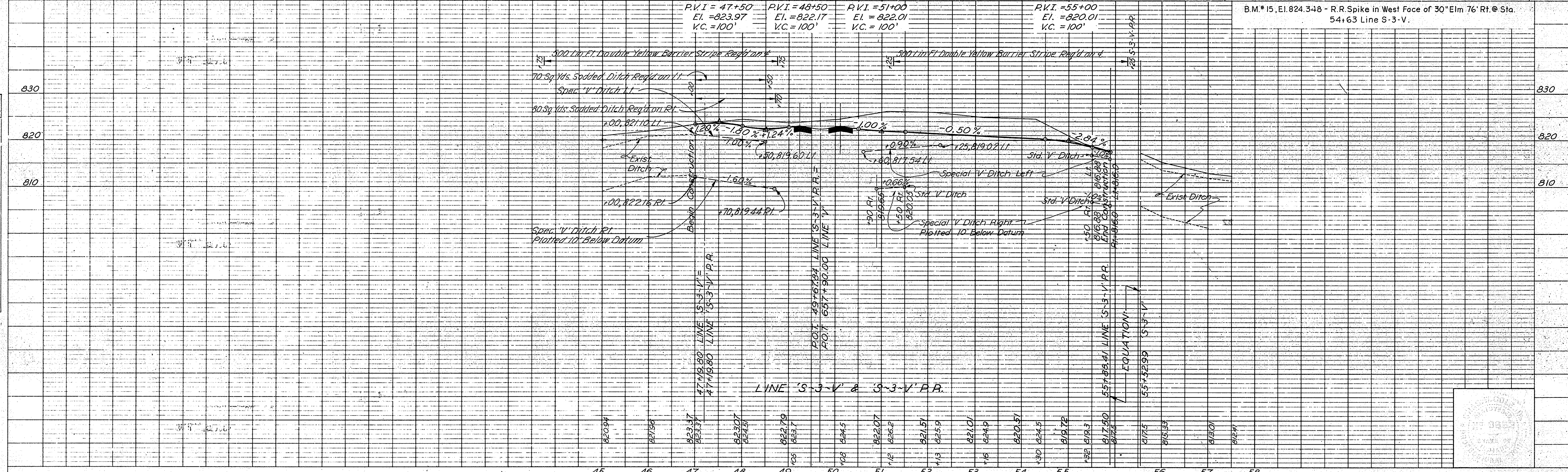
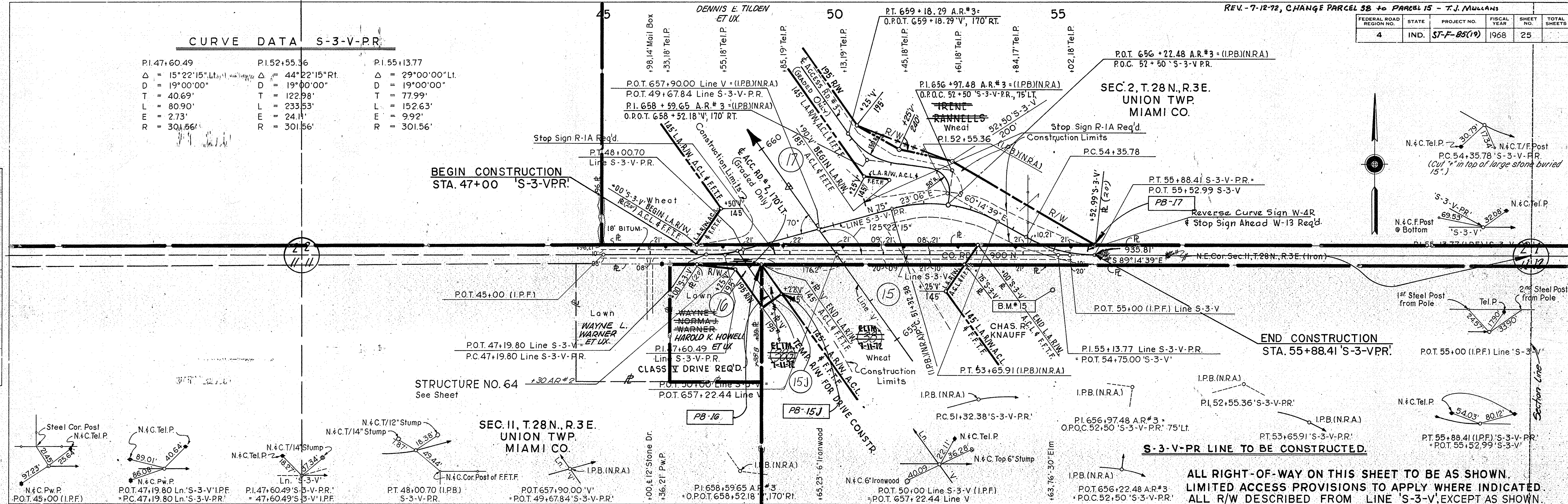


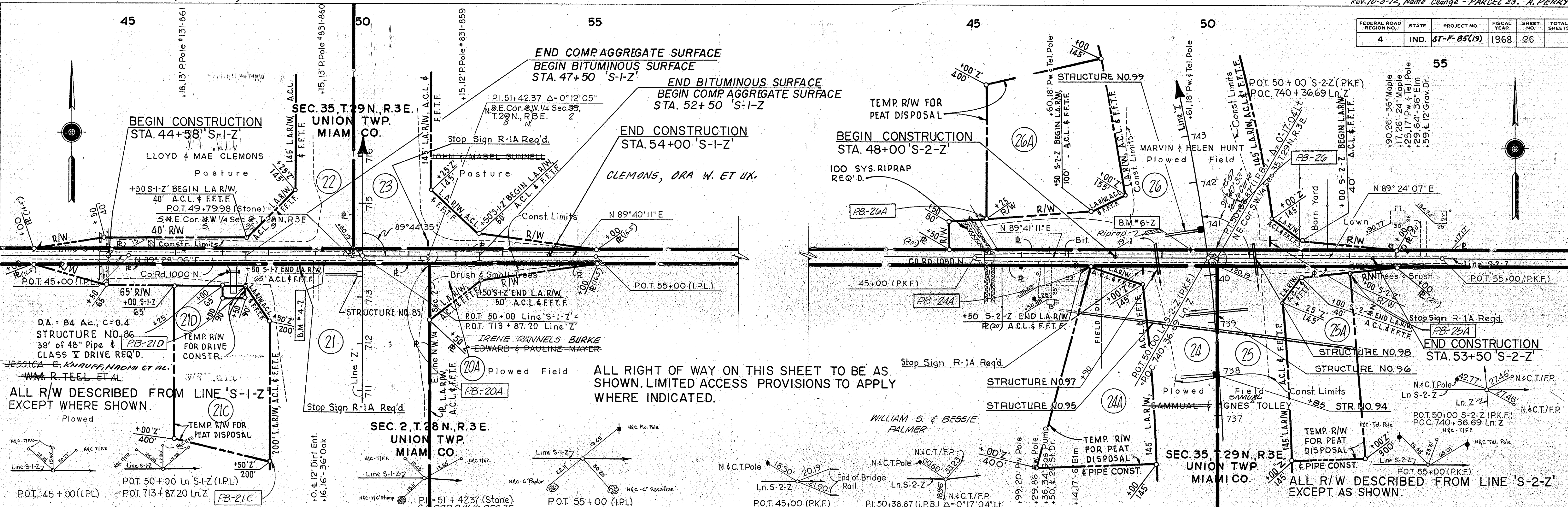
PLATE 1 - PLAN - PROFILE B. R. STANDARD  
 November 6, 1961



FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-85(19)	1968	26	

**PLAN**  
SURVEYED BY: W. Cole & Son, Inc.  
CLASS: W. Cole & Son, Inc.  
NOTE BOOK: GRADES CHECKED  
NO. 26444  
STRUCTURE NOTATIONS CHECKED: W. Cole & Son, Inc.

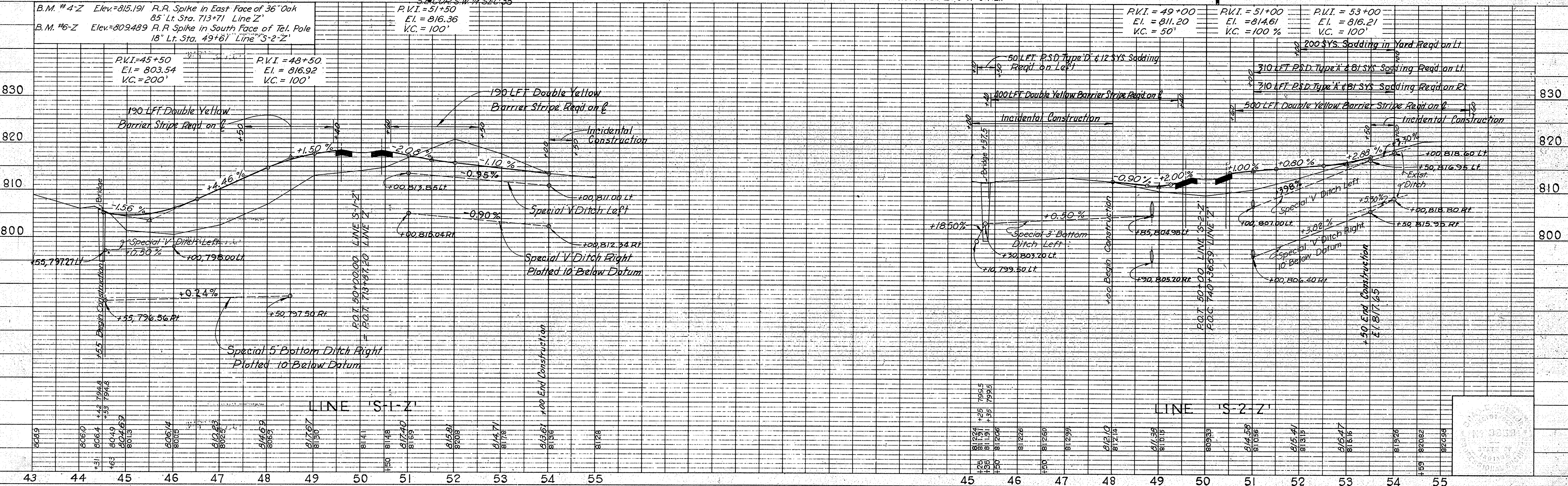
**PROFILE**  
SURVEYED BY: W. Cole & Son, Inc.  
CLASS: W. Cole & Son, Inc.  
NOTE BOOK: GRADES CHECKED  
NO. 26444  
STRUCTURE NOTATIONS CHECKED: W. Cole & Son, Inc.



ALL RIGHT OF WAY ON THIS SHEET TO BE AS SHOWN. LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.

ALL R/W DESCRIBED FROM LINE 'S-1-Z' EXCEPT WHERE SHOWN.

ALL R/W DESCRIBED FROM LINE 'S-2-Z' EXCEPT AS SHOWN.

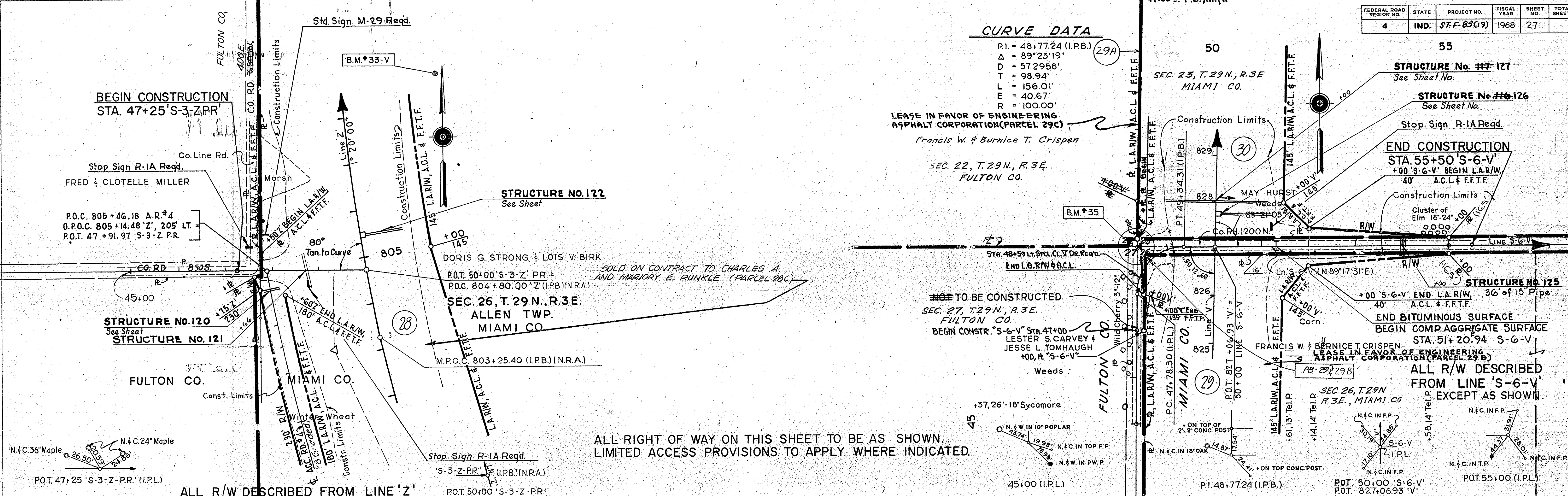




FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-85(19)	1968	27	

CURVE DATA

P.I. = 48+77.24 (I.P.B.)  
 Δ = 89°23'19"  
 D = 57.2958'  
 T = 98.94'  
 L = 156.01'  
 E = 40.67'  
 R = 100.00'

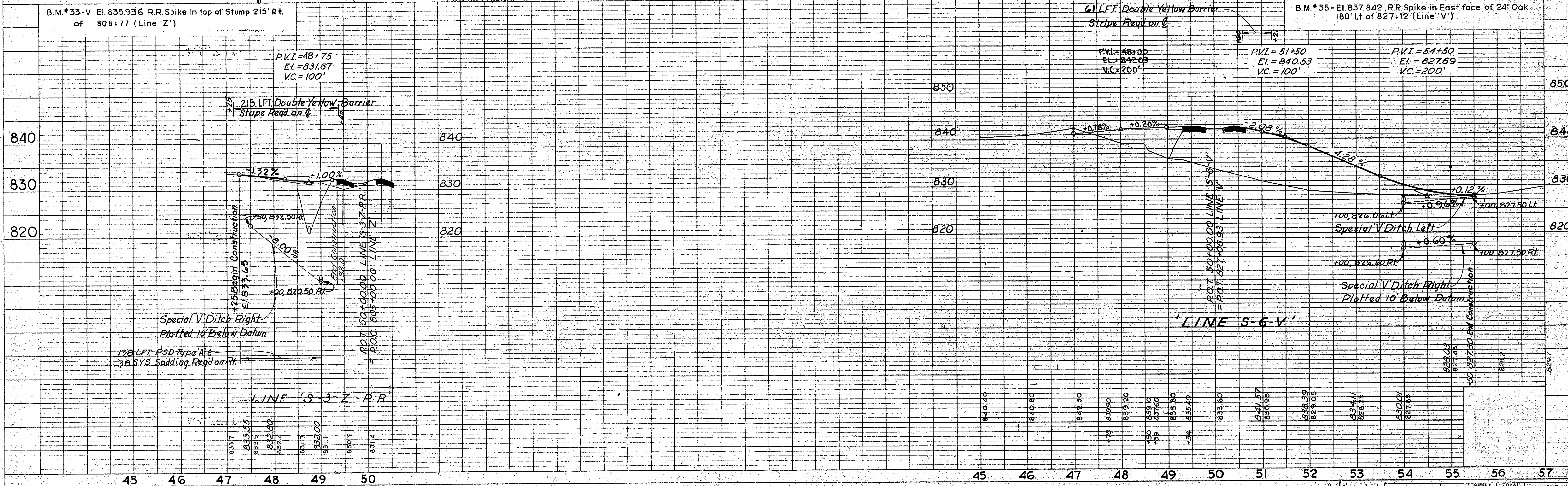


ALL RIGHT OF WAY ON THIS SHEET TO BE AS SHOWN. LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.

ALL R/W DESCRIBED FROM LINE 'Z'

**PLAN**  
 SUPERSEDING SHEETS:  
 No. 2637T  
 No. 2638T  
 No. 2639T  
 No. 2640T  
 No. 2641T  
 No. 2642T  
 No. 2643T  
 No. 2644T  
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 No. 2692T  
 No. 2693T  
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 No. 2696T  
 No. 2697T  
 No. 2698T  
 No. 2699T  
 No. 2700T

**PROFILE**  
 SUPERSEDING SHEETS:  
 No. 2637P  
 No. 2638P  
 No. 2639P  
 No. 2640P  
 No. 2641P  
 No. 2642P  
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 No. 2700P



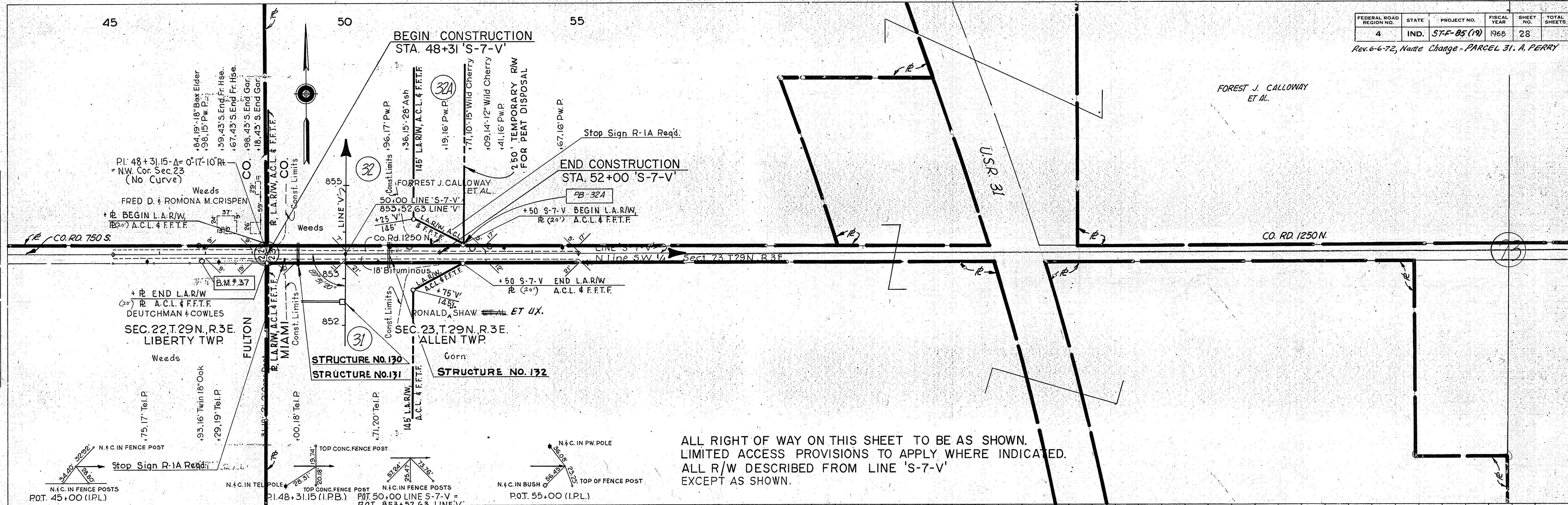


FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	57-F-85(19)	1968	28	

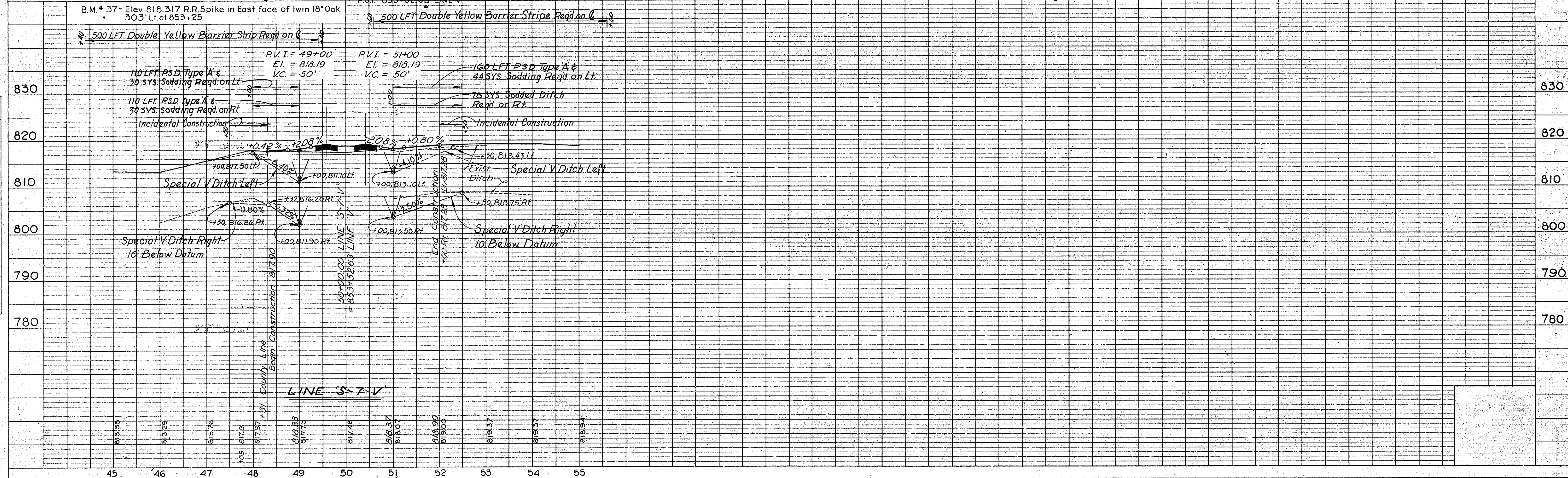
Rev. 6-6-72, Name Change - PARCEL 31, A. PERRY

DATE: 12-67  
 BY: Cole & Son  
 CHECKED: Cole & Son  
 NO. 96337T

DATE: 12-67  
 BY: Cole & Son  
 CHECKED: Cole & Son  
 NO. 96337T



ALL RIGHT OF WAY ON THIS SHEET TO BE AS SHOWN.  
 LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.  
 ALL R/W DESCRIBED FROM LINE 'S-7-V'  
 EXCEPT AS SHOWN.



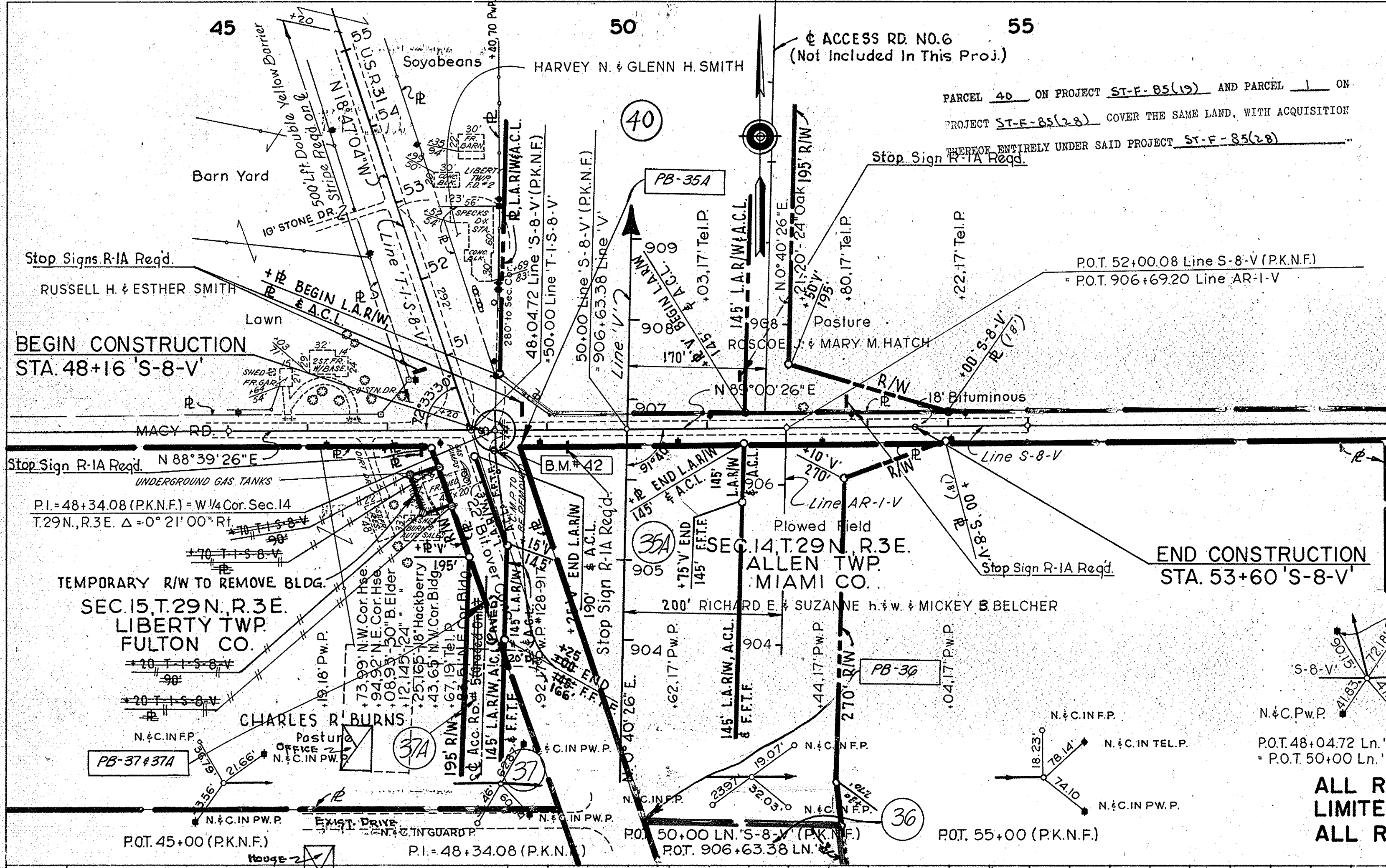


FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	SF-85(19)	1968	29	

REV. 1-26-72 REVISED R.S. STA. 900+00 TO 902+00 AT LINE 'V' OF L.A.M. 45  
 REV. 8-23-74 (LTR. 8-19-74) INDICATED PAVED SURFACE FOR "A.R.#5" FROM STA. 900+00 TO STA. 906+60 "V".  
 Add Topo. F.B. SMITH

**PLAN**

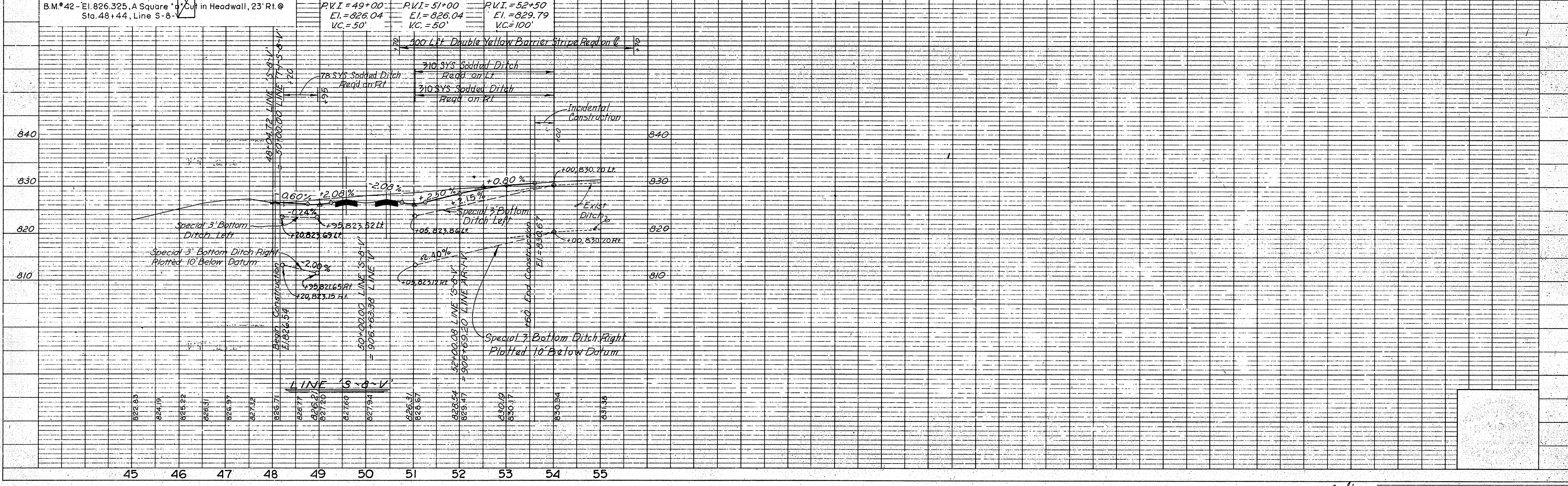
DESIGNED BY	CHAS. W. COLE & SON
NOTED BY	CHAS. W. COLE & SON
DATE	NOV. 6, 1961
PROJECT NO.	SF-85(19)
SHEET NO.	29



**ALL RIGHT OF WAY ON THIS SHEET TO BE AS SHOWN.  
 LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.  
 ALL R/W DESCRIBED FROM LINE 'S-8-V' & 'T-1-S-8-V'**

**PROFILE**

DESIGNED BY	CHAS. W. COLE & SON
NOTED BY	CHAS. W. COLE & SON
DATE	NOV. 6, 1961
PROJECT NO.	SF-85(19)
SHEET NO.	29



PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
SF-85(19)	S-8-V	29		



CUT CROSS SECTIONS FILL  
Scale 1 inch = 10 feet

REV. 9-13-72, (L.T.R. 9-6-72) NEW SHEET  
ADDED SHOWING PROFILE FOR LINE  
"S-USR-31-V" & CL. IX DRIVE EXTENDING  
FROM ABOVE LINE. F.B. SMITH

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
IND.	F-85(19)		29A	

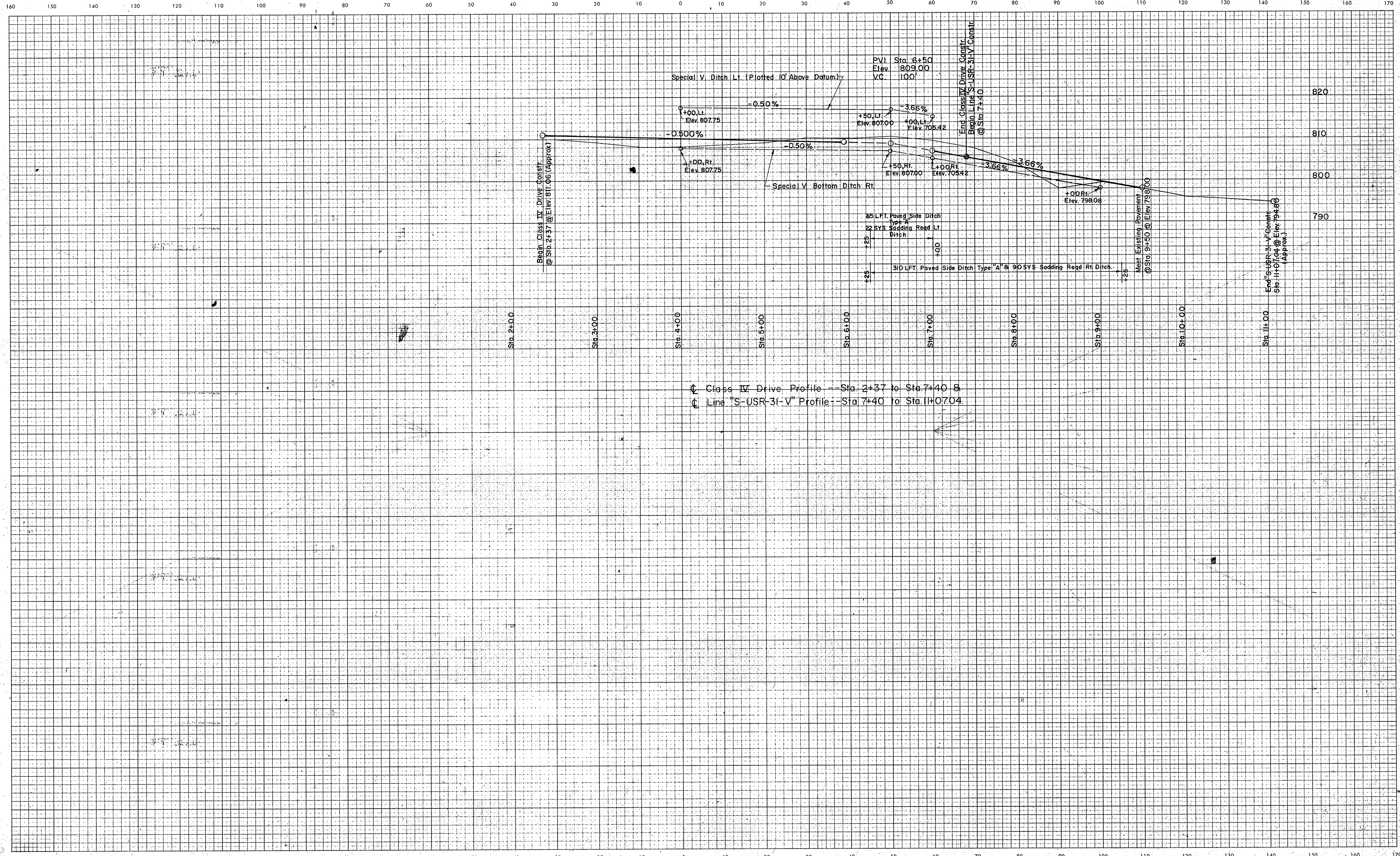
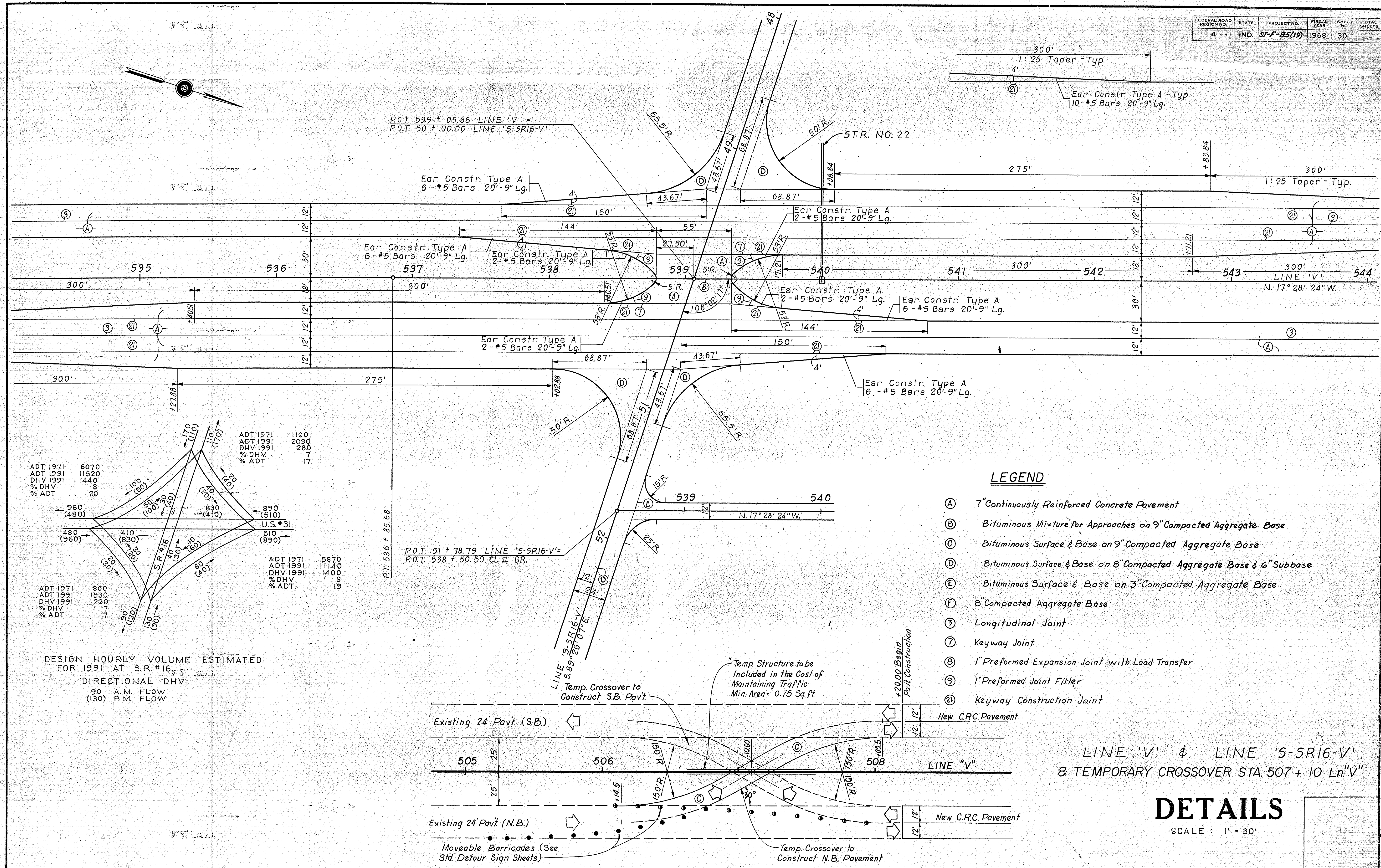
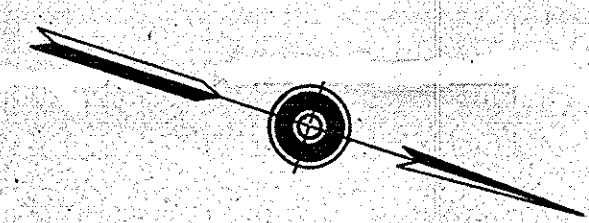


PLATE 3  
November 6, 1961

LEVEL BOOK NO.		FILE	
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR
5	IND.	F-85(19)	
CLASS IV DRIVE		LINE "S-USR-31-V"	





ADT 1971 6070  
ADT 1991 11520  
DHV 1991 1440  
% DHV 8  
% ADT 20

ADT 1971 800  
ADT 1991 1530  
DHV 1991 220  
% DHV 7  
% ADT 17

ADT 1971 1100  
ADT 1991 2030  
DHV 1991 280  
% DHV 7  
% ADT 17

ADT 1971 5870  
ADT 1991 11140  
DHV 1991 1400  
% DHV 8  
% ADT 19

DESIGN HOURLY VOLUME ESTIMATED FOR 1991 AT S.R.#16  
DIRECTIONAL DHV  
90 A.M. FLOW  
130 P.M. FLOW

**LEGEND**

- (A) 7" Continuously Reinforced Concrete Pavement
- (B) Bituminous Mixture for Approaches on 9" Compacted Aggregate Base
- (C) Bituminous Surface & Base on 9" Compacted Aggregate Base
- (D) Bituminous Surface & Base on 8" Compacted Aggregate Base & 6" Subbase
- (E) Bituminous Surface & Base on 3" Compacted Aggregate Base
- (F) 8" Compacted Aggregate Base
- (J) Longitudinal Joint
- (K) Keyway Joint
- (L) 1" Preformed Expansion Joint with Load Transfer
- (M) 1" Preformed Joint Filler
- (N) Keyway Construction Joint

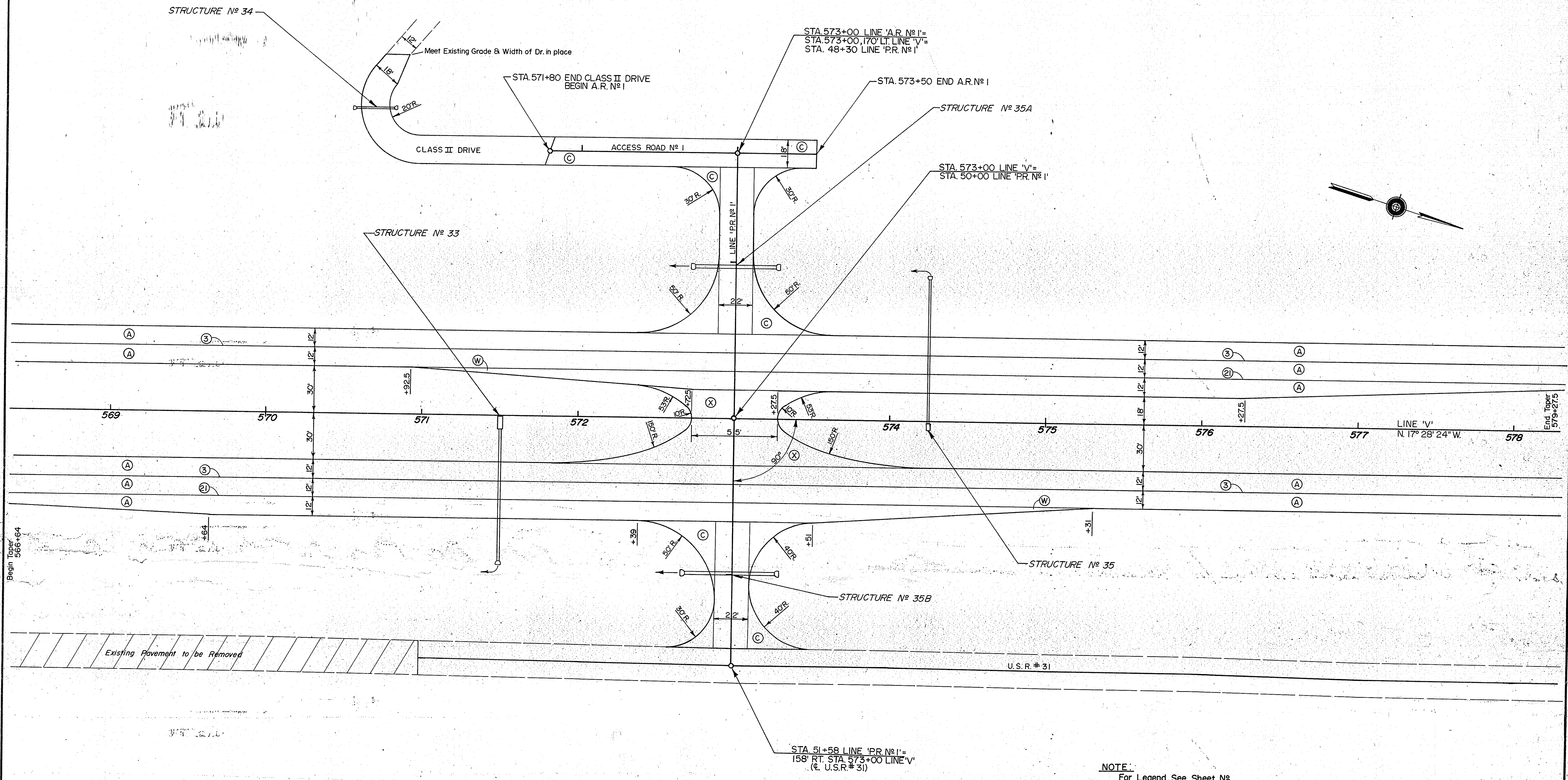
LINE 'V' & LINE 'S-SR16-V'  
& TEMPORARY CROSSOVER STA. 507 + 10 Ln.'V'

**DETAILS**

SCALE : 1" = 30'



FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-85(19)		30A	



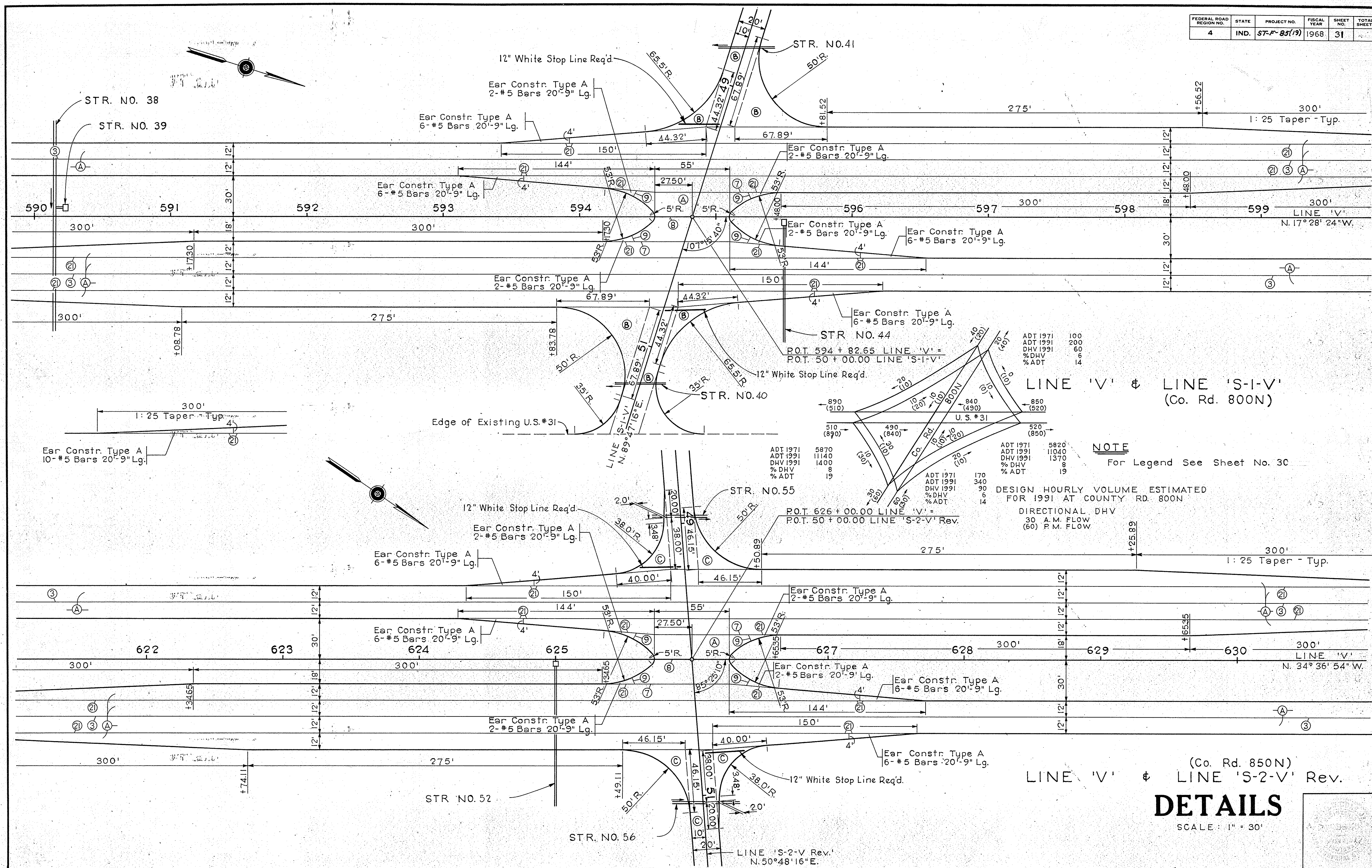
# DETAILS

SCALE: 1" = 30'

November 6, 1964

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-F-85(19)	P.R. No. 1	30A		





ADT 1971	100
ADT 1991	200
DHV 1991	60
% DHV	6
% ADT	14

ADT 1971	5870
ADT 1991	11400
DHV 1991	1400
% DHV	8
% ADT	19

ADT 1971	170
ADT 1991	340
DHV 1991	90
% DHV	6
% ADT	14

**NOTE**  
For Legend See Sheet No. 30

DESIGN HOURLY VOLUME ESTIMATED FOR 1991 AT COUNTY RD. 800N  
DIRECTIONAL DHV  
30 A.M. FLOW  
(60) P.M. FLOW

(Co. Rd. 850N)  
LINE 'V' & LINE 'S-2-V' Rev.  
**DETAILS**  
SCALE: 1" = 30'

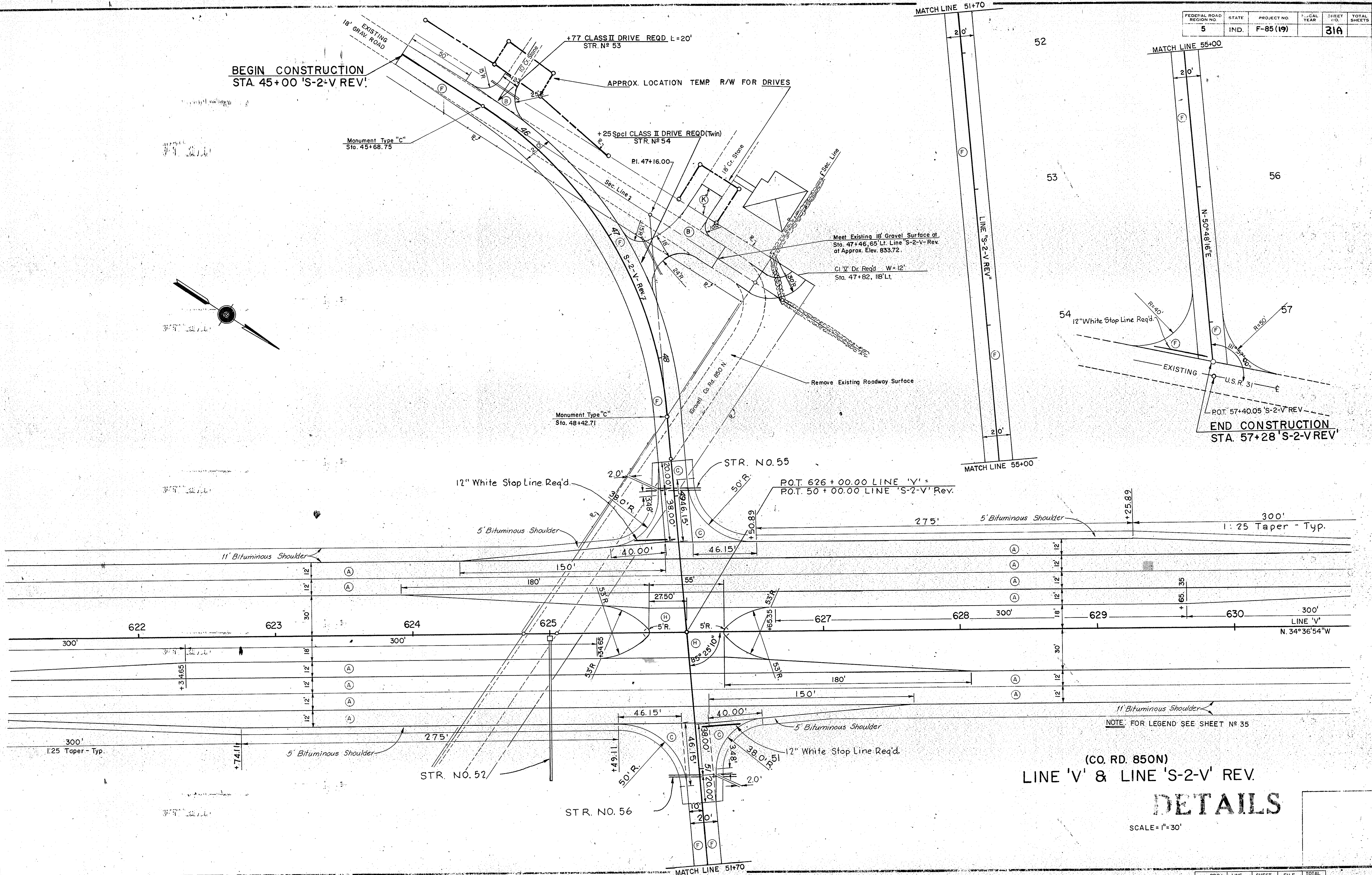
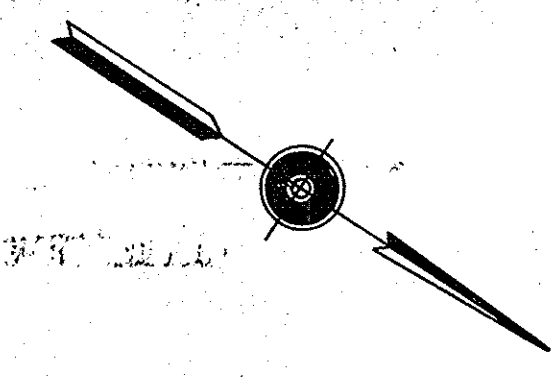


FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	CAL. YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-85 (19)		31A	

BEGIN CONSTRUCTION  
 STA. 45+00 'S-2-V' REV.

MATCH LINE 55+00

END CONSTRUCTION  
 STA. 57+28 'S-2-V' REV.



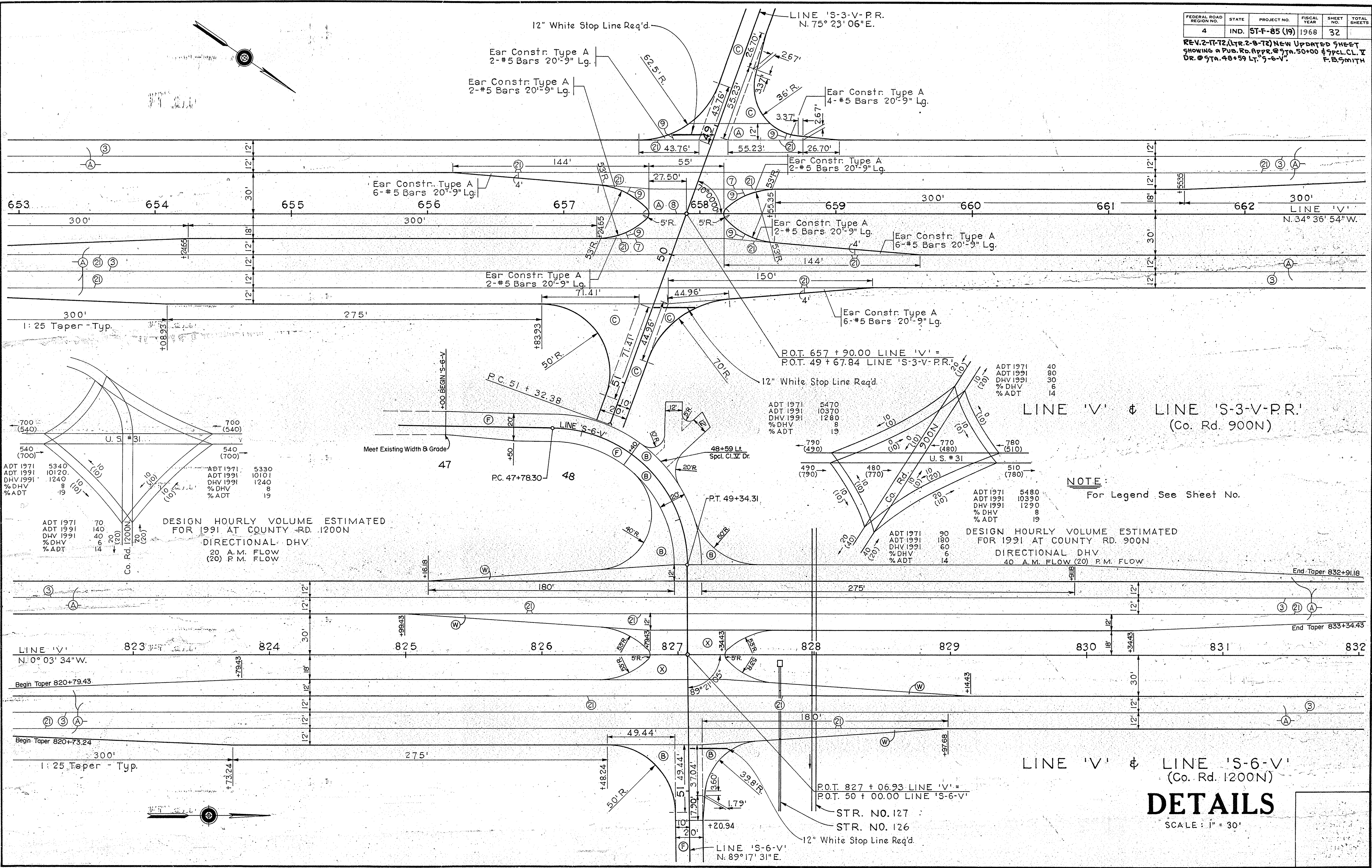
(CO. RD. 850N)  
 LINE 'V' & LINE 'S-2-V' REV.  
**DETAILS**

SCALE = 1" = 30'

NOTE: FOR LEGEND SEE SHEET N° 35

PROJ.	LINE	SHEET	FILE	TOTAL SHEETS
F-85(19)	S-2-V Rev	31A		





DESIGN HOURLY VOLUME ESTIMATED FOR 1991 AT COUNTY RD. 1200N

DIRECTIONAL DHV

ADT 1971	5340	ADT 1971	5330
ADT 1991	10120	ADT 1991	10101
% DHV	1240	% DHV	1240
% ADT	8	% ADT	8
	19		19

20 A.M. FLOW  
20 P.M. FLOW

P.O.T. 657 + 90.00 LINE 'V' =  
P.O.T. 49 + 67.84 LINE 'S-3-V-P.R.'

ADT 1971	5470	ADT 1971	40
ADT 1991	10370	ADT 1991	80
% DHV	1280	% DHV	30
% ADT	8	% ADT	6
	19		14

DESIGN HOURLY VOLUME ESTIMATED FOR 1991 AT COUNTY RD. 900N

DIRECTIONAL DHV

ADT 1971	5480	ADT 1971	90
ADT 1991	10390	ADT 1991	180
% DHV	1290	% DHV	60
% ADT	8	% ADT	6
	19		14

40 A.M. FLOW (20) P.M. FLOW

NOTE:  
For Legend See Sheet No.

LINE 'V' & LINE 'S-6-V'  
(Co. Rd. 1200N)

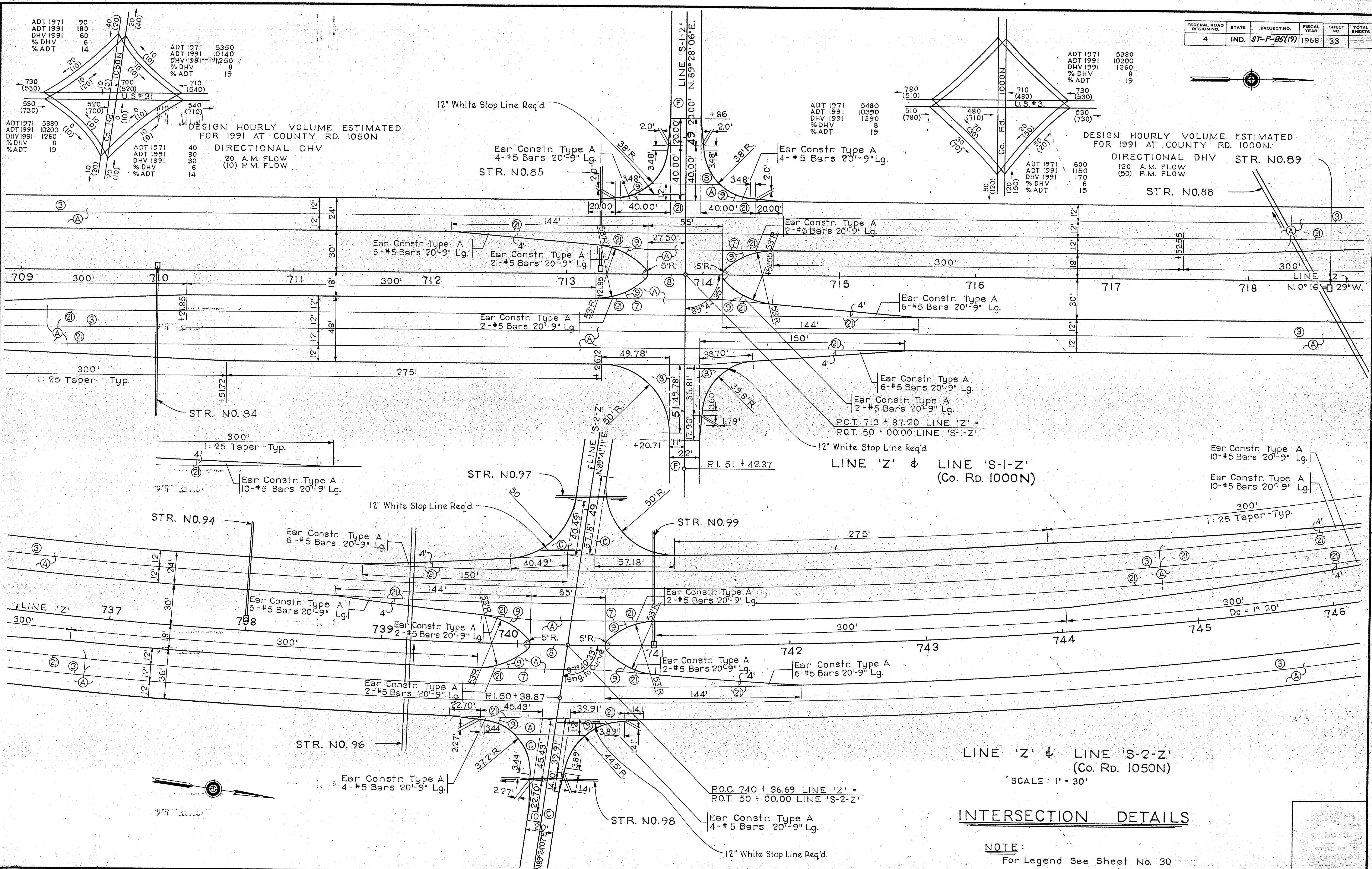
# DETAILS

SCALE: 1" = 30'

*Shawbold* 12/2/68



FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-85(19)	1968	33	



DESIGN HOURLY VOLUME ESTIMATED FOR 1991 AT COUNTY RD. 1050N  
 DIRECTIONAL DHV  
 20 A.M. FLOW (10) P.M. FLOW

DESIGN HOURLY VOLUME ESTIMATED FOR 1991 AT COUNTY RD. 1000N  
 DIRECTIONAL DHV STR. NO. 89  
 120 A.M. FLOW (50) P.M. FLOW

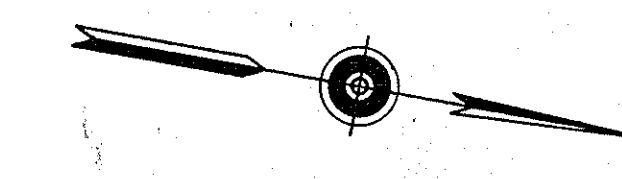
LINE 'Z' & LINE 'S-2-Z' (Co. Rd. 1050N)  
 SCALE: 1" = 30'

**INTERSECTION DETAILS**

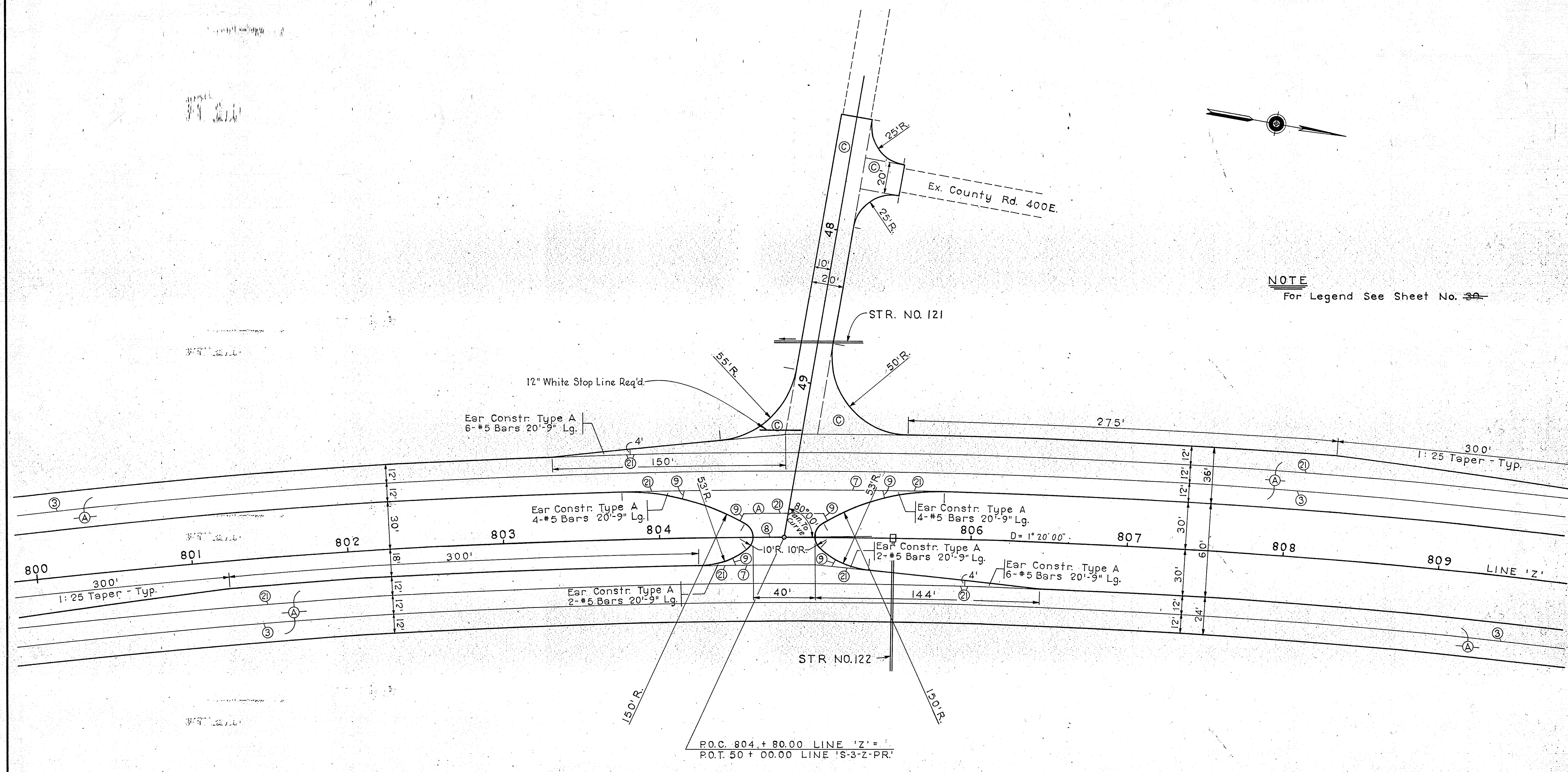
NOTE:  
 For Legend See Sheet No. 30



FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST-F-85(19)	1968	34	



**NOTE**  
For Legend See Sheet No. 30



LINE 'Z' & LINE 'S-3-Z-PR'

# DETAILS

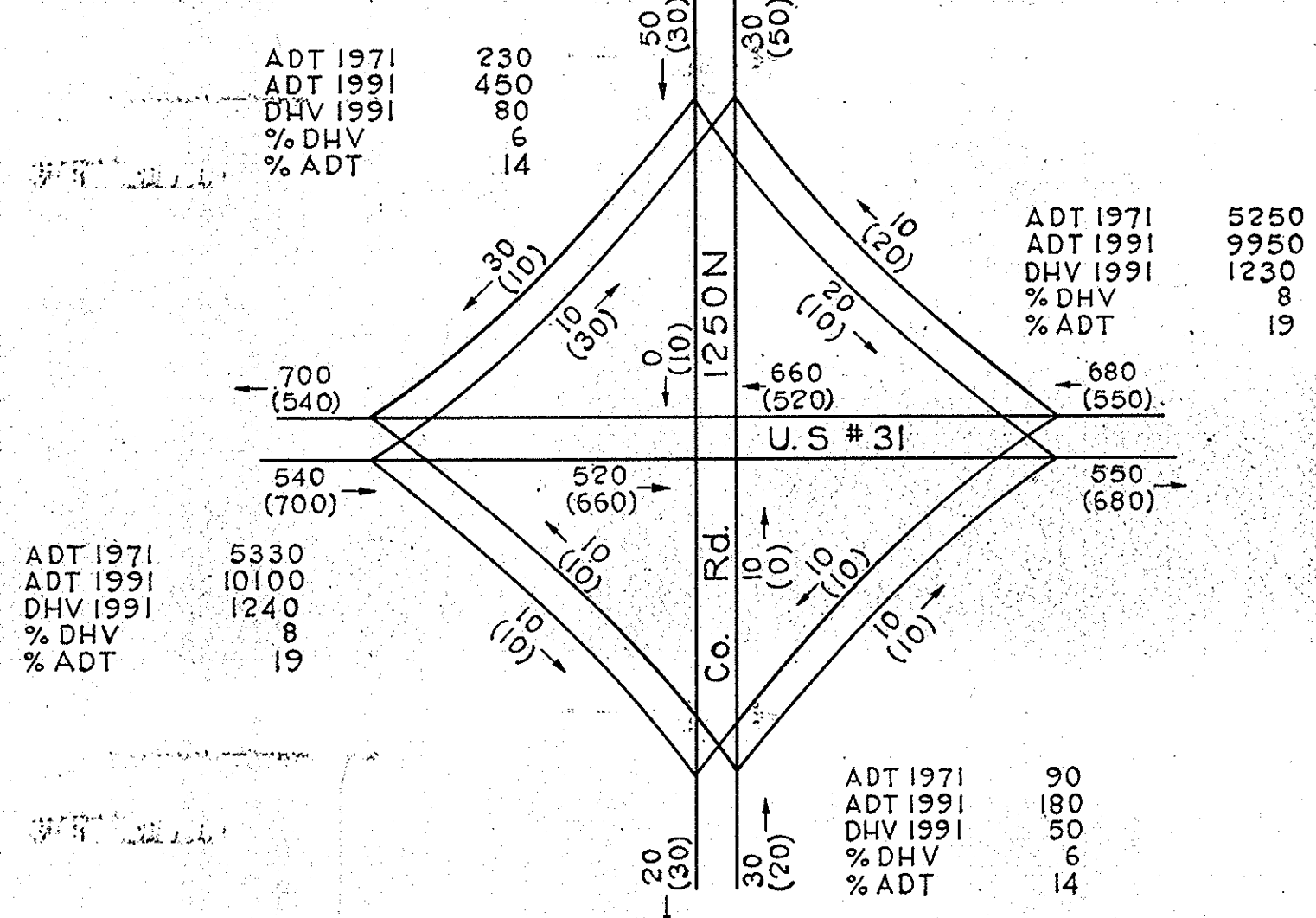
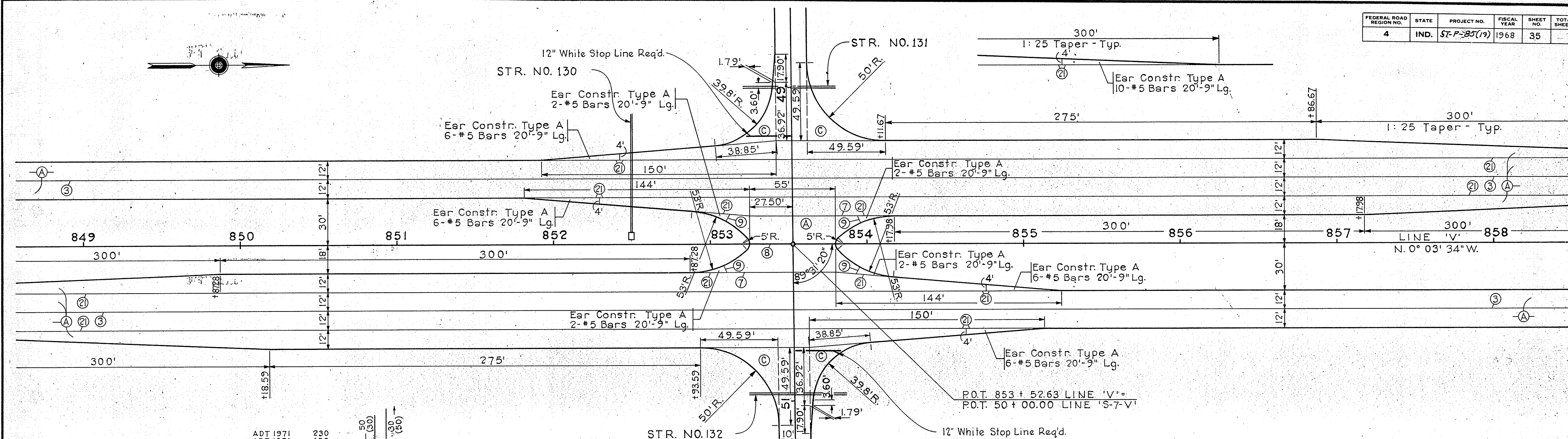
SCALE: 1" = 30'

November 6, 1964

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-F-85(19)		34		



FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	57-P-85(19)	1968	35	



DESIGN HOURLY VOLUME ESTIMATED FOR 1991 AT COUNTY RD. 1250N.  
 DIRECTIONAL DHV  
 20 A.M. FLOW  
 (30) P.M. FLOW

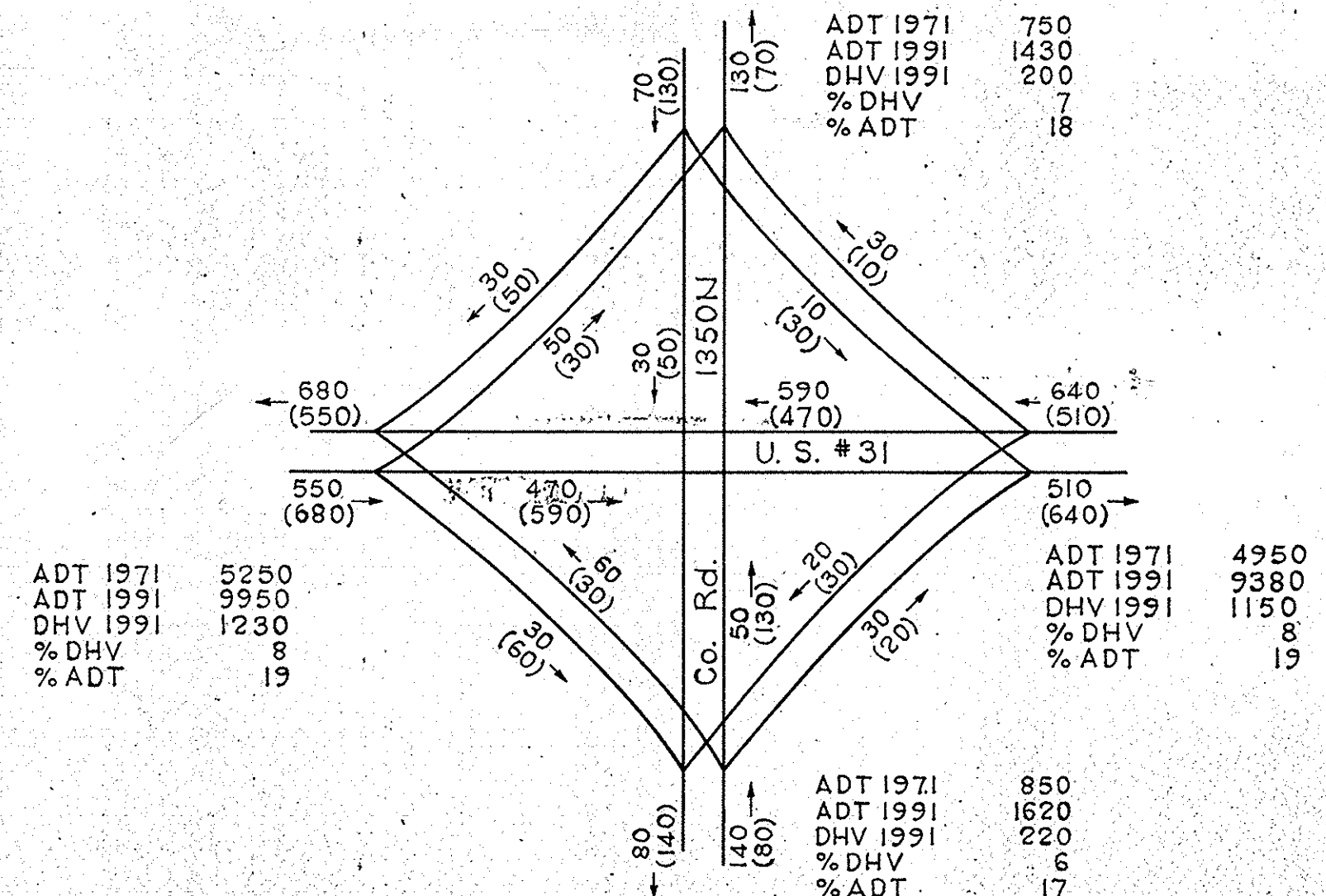
LINE 'V' & LINE 'S-7-V'  
 (Co. Rd. 1250N)

NOTE:  
 For Legend See Sheet No. 36

**DETAILS**  
 SCALE: 1" = 30'

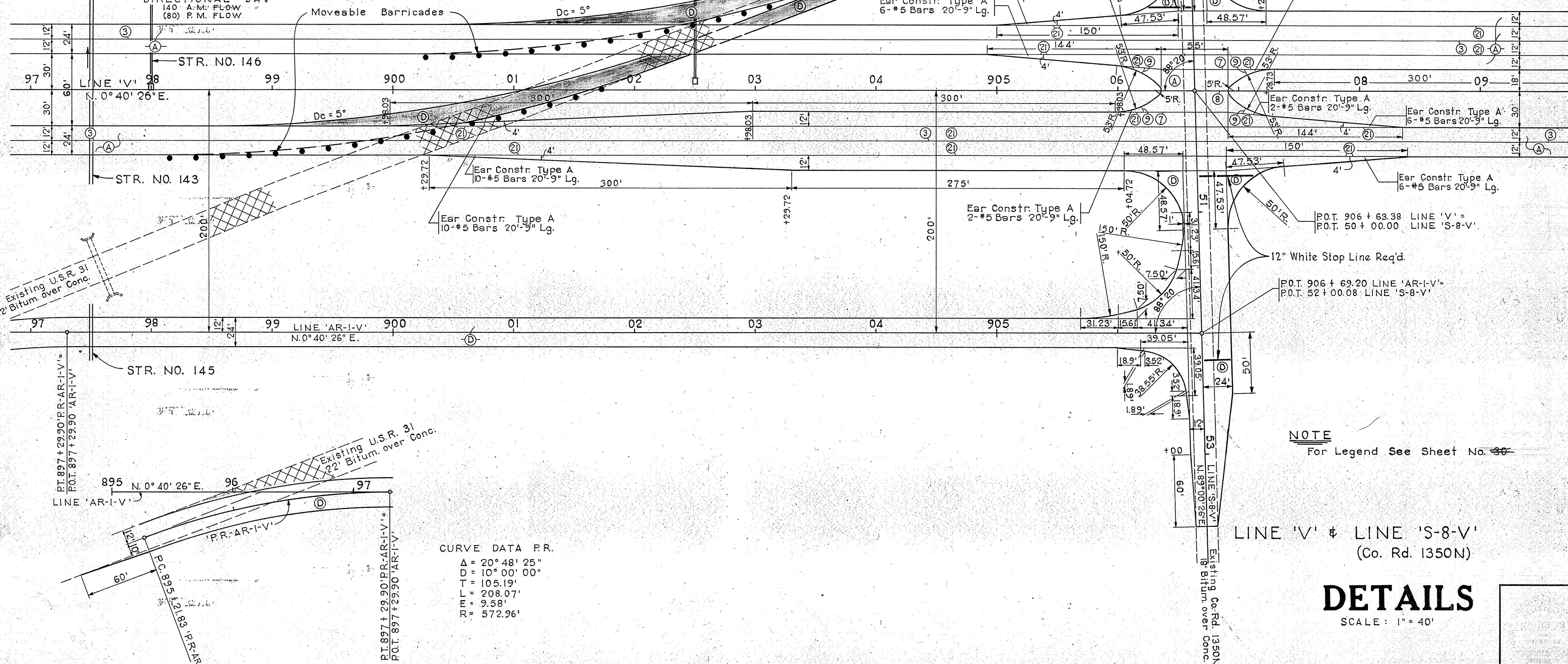


FED. ROAD REGION NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	97-F-85(19)	1968	36	



DESIGN HOURLY VOLUME ESTIMATED FOR 1991 AT COUNTY RD. 1350N

DIRECTIONAL DHV  
140 A.M. FLOW  
(80) P.M. FLOW



CURVE DATA P.R.

Δ	20° 48' 25"
D	10° 00' 00"
T	105.19'
L	208.07'
E	9.58'
R	572.96'

NOTE  
For Legend See Sheet No. 30

LINE 'V' & LINE 'S-8-V'  
(Co. Rd. 1350N)

**DETAILS**  
SCALE: 1" = 40'















