

RIGHT-OF-WAY PLANS  
INDIANA  
DEPARTMENT OF HIGHWAYS

CODE NO. 1984

PLAN AND PROFILE OF PROPOSED  
**STATE HIGHWAY**  
F PROJECT NO. 170-1

(4) P.E.  
(4) R/W  
CONST.  
UTIL.

BEGINNING AT A POINT 1,328.66 FEET EAST AND 2,384.13 FEET SOUTH OF THE NORTHWEST CORNER OF SECTION 21, TOWNSHIP 29 NORTH, RANGE 12 EAST, PLEASANT TOWNSHIP AND RUNNING IN AN EASTERLY DIRECTION FOR A DISTANCE OF 34,769.21 FEET TO A POINT 991.40 FEET SOUTH OF THE NORTHEAST CORNER OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 9, TOWNSHIP 29 NORTH, RANGE 13 EAST, MARION TOWNSHIP, ALL IN ALLEN COUNTY.

GROSS LENGTH:- 6.55 MI.  
NET LENGTH:- MI.  
SCALES:-

PLAN { LONG:- 1"=100' PROFILE { HORIZ:- 1"=100'  
{ TRANS:- 1"=100' { VERT:- 1"=10'

STRUCTURE No. 6  
STA. 49+34.08 LINE "S-4-A"  
BRIDGE FILE No. 24-02-7023  
PROJECT No. F-170-1( )  
TO BE CONSTRUCTED UNDER SEPARATE CONTRACT

STRUCTURE No. 9  
STA. 50+01.33 LINE "S-6-A"  
BRIDGE FILE No. 24-02-7211  
PROJECT No. F-170-1( )  
TO BE CONSTRUCTED UNDER SEPARATE CONTRACT

STRUCTURE No. 10  
STA. 637+62.71 LINE "A"  
BRIDGE FILE No. 24-02-6948  
PROJECT No. F-170-1( )  
TO BE CONSTRUCTED UNDER SEPARATE CONTRACT

STRUCTURE No. 11  
STA. 661+13.91 LINE "A"  
BRIDGE FILE No. 24-02-6947  
PROJECT No. F-170-1( )  
TO BE CONSTRUCTED UNDER SEPARATE CONTRACT

STRUCTURE No. 3  
STA. 14+37.89 LINE NWR  
BRIDGE FILE No. 24-02-6952  
PROJECT No. F-170-1( )  
TO BE CONSTRUCTED UNDER SEPARATE CONTRACT

STRUCTURE No. 2  
STA. 394+68.00 LINE "A"  
BRIDGE FILE No. 24-02-6951  
PROJECT No. F-170-1( )  
TO BE CONSTRUCTED UNDER SEPARATE CONTRACT

STRUCTURE No. 1  
STA. 370+60.64 LINE "A"  
BRIDGE FILE No. 24-02-2600  
PROJECT No. F-170-1( )  
TO BE CONSTRUCTED UNDER SEPARATE CONTRACT

STRUCTURE No. 4  
STA. 8+71.32 LINE SWR  
BRIDGE FILE No. 24-02-6953  
PROJECT No. F-170-1( )  
TO BE CONSTRUCTED UNDER SEPARATE CONTRACT

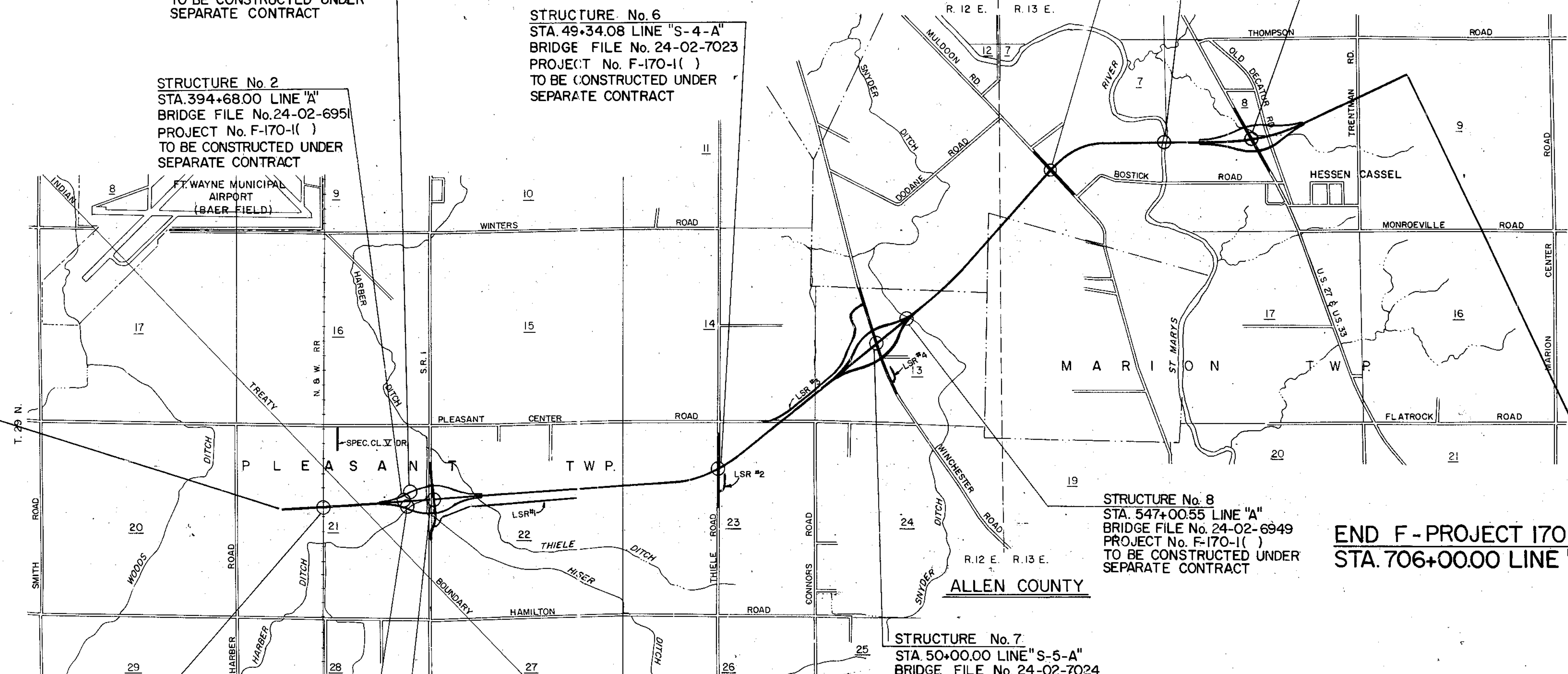
STRUCTURE No. 5  
STA. 842+20.88 LINE PR #1  
BRIDGE FILE No. I-02-6950  
PROJECT No. F-170-1( )  
TO BE CONSTRUCTED UNDER SEPARATE CONTRACT.

STRUCTURE No. 7  
STA. 50+00.00 LINE "S-5-A"  
BRIDGE FILE No. 24-02-7024  
PROJECT No. F-170-1( )  
TO BE CONSTRUCTED UNDER SEPARATE CONTRACT.

STRUCTURE No. 8  
STA. 547+00.55 LINE "A"  
BRIDGE FILE No. 24-02-6949  
PROJECT No. F-170-1( )  
TO BE CONSTRUCTED UNDER SEPARATE CONTRACT

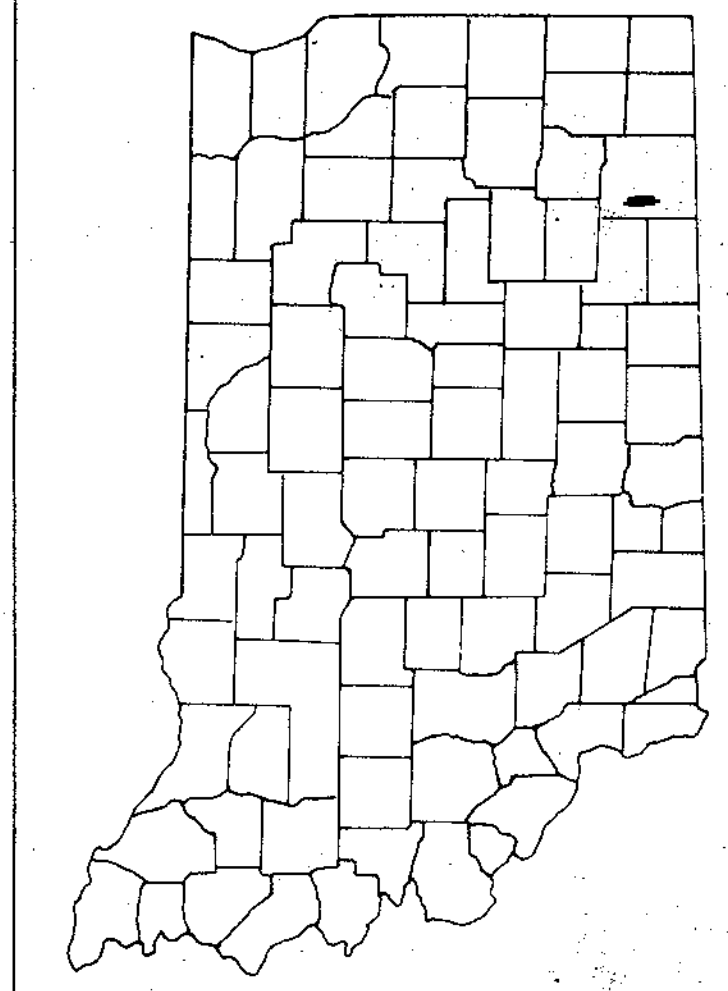
BEGIN F - PROJECT 170-1(4)  
STA. 360+09.09 LINE "A"

END F - PROJECT 170-1(4)  
STA. 706+00.00 LINE "A"



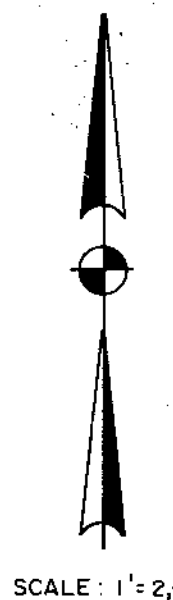
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1(4)	1986	1	70

DESIGN DATA	
A.D.T. (1980)	7,047 V.P.D.
A.D.T. (2000) PROJECTED	9,690 V.P.D.
D.H.V. (2000)	872 V.P.H.
DIRECTIONAL DISTRIBUTION	50%
TRUCKS D.H.V. 9%	A.D.T. 15%
DESIGN SPEED	70 M.P.H.
ACCESS CONTROL	FULL



LOCATION OF SECTION INDICATED THUS

FOR PLACEMENT OF CONSTRUCTION SIGN AND BARRICADES SEE SHEET No.



SCALE: 1"=2,000'

SECTION LEADER  
RECOMMENDED FOR APPROVAL 7-7-86  
*John B. ...*  
CHIEF, DIVISION OF LAND ACQUISITION  
RECOMMENDED FOR APPROVAL 7-03-86  
*Bill Wood*  
ENGINEER OF LAND ACQUISITION

RECOMMENDED FOR APPROVAL  
CHIEF HIGHWAY ENGINEER  
RIGHT OF WAY PLANS ONLY  
APPROVED

FEDERAL HIGHWAY ADMINISTRATION  
DEPARTMENT OF TRANSPORTATION  
APPROVED  
DIVISION ADMINISTRATOR DATE

INDIANA STATE HIGHWAY COMMISSION  
STANDARD SPECIFICATIONS DATED 1978  
TO BE USED WITH THESE PLANS

BUTLER, FAIRMAN AND SEUFERT, INC.  
ENGINEERS  
CARMEL, INDIANA

DATE  
CERTIFIED BY

PROJECT NO.	LINE NO.	SHEET NO.	TOTAL SHEETS	FILE
F-170-1(4)		1	70	

## UTILITIES

POWER: INDIANA & MICHIGAN ELECTRIC CO. TELEPHONE: GENERAL TELEPHONE CO. OF IND., INC.  
 2101 SPY RUN AVE. 501 TECUMSEH ST. P.O. BOX 1201  
 FORT WAYNE, IND. 46801 FORT WAYNE, IND. 46801

UNITED R.E.M.C. UNITED TELEPHONE CO.  
 P.O. BOX 739 P.O. BOX 391 WARSAW, IND. 46580  
 HUNTINGTON, IND. 46750

R.E.A. POWER IND. BELL TELEPHONE CO.  
 R.R. #3 3838 N. RURAL ST.  
 PAULDING, OHIO INDIANAPOLIS, IND. 46205

HIGH PRESSURE MID-INDIANA TELEPHONE CORP.  
 GAS LINE: TRI-STATE PIPE LINE CO. P.O. BOX 406 OSSIANG, IND.  
 4133 NEW HAVEN RD. FORT WAYNE, IND. GAS: NORTHERN IND. PUBLIC SERVICE CO.  
 5265 HOHMAN AVE.  
 HAMMOND, IND. 46325

## REVISIONS

SHEET NO.	DATE	REVISED
17,27	1/15/85	Relocated Drive & Added Drive
18,19,22		Added R's per T/E Reports
19,28	1/31/85	Added STRUCTURES
19,28	1/31/85	Changed Exist R's to Exist L.A.R/W/ACL
19	1/31/85	Changed Temp.R/W to L.A.R/W/ACL
20,28,53	5/3/28	Changed R/W Width (Old Decatur Rd.) per R/W Grant
22	5/17/85	Changed R/W Pt. to R/E & Corrected Curve Data
23,37	5/23/85	Added PC Pts & Corrected Curve Data
27	1/15/85	Added Line L.S.R.#1A (Relocated R per T/E Report)
28	1/15/85	Changed BEGIN CLTF & END CLTF
18	8/29/80	Added R (ST. MARY'S RIVER) per F.B. BR-2525
37	1/30/86	Changed P.O.T. to P.O.C.
23,24,34,35,36 & 37	3-25-86	ADDED SIGNS
17	4/24/86	Eliminated R (Line "S-6-A")
17	4/24/86	Relocated R per Calculation
3,8,12,13,14,24, GO&CI	7/30/86	Name Change Parcel 10, Elim Parcels 13 & 17
3,3A,14 & 61	8-13-86	ELIM. 1A EXCESS LAND
28451	9-9-86	ADDED SIGNS
3,12 & 60	9-16-86	Location of Field Entrance to Sta. 433+00 R/L "S.R.#1"
3,3A,9,10 & 60	9-25-86	ELIM. 1EXCESS LAND AND 1A EXCESS LAND
20,45,62	10-1-86	NAME CHANGE PARCEL NO. 23
3,10,37 & 60	10-2-86	R/W POINT RT. LINE "SWA"
11,23,32,37,59 & 59A	10-6-86	DRIVES
3,8,15,16,26,45 & 61	10-29-86	NAME CHANGE ON PARCEL 24
27	11-3-86	REV. DRIVES & STRS.
3,3A,8,17,18,27,65	1-5-87	ELIMINATED PARCEL 35
27	1-23-87	ADDED NOTE CONCERNING TREE
3,3A,20,53,62	1-29-87	ELIM. EXCESS LAND ON PARCEL 42
3,17,18 & 27	2-4-87	Added Lease Note To Parcel 34
3,3A,8,21 & 63	2-24-87	ELIM. EXCESS LAND PARCEL 48, CHGD TO RES.B
8-13,15-28,37,38 & 53	1-28-87	REV. PARCELS
3A,19,28 & 53	5-13-87	REV. PARCEL 37 & ADD PARCEL 51
12,27	5-22-87	ADDED GAS LINE SEGMENT
27	7-2-87	ADDED STR. NO. 11B
27	7-27-87	ADDED CLTF DRIVE

\* This is a sheet supplied by the Division of Land Acquisition

## R/W INDEX

SHEET NO.	DESIGNATION
1-2	TITLE SHEET
3 & 5A	PARCEL LISTING FOR LAND ACQUISITION
4-7	TYPICAL CROSS SECTION
8	PLAT NO. 1
9-29	PLAN & PROFILE SHEETS
30	DETAIL SHEET
31	RELOCATED HARBER DITCH PROFILE
32	L.S.R. NO. 1 PROFILE
33	L.S.R. NO. 3 PROFILE
34-35	S.R. I INTERCHANGE DETAILS
36	S.R. I INTERCHANGE GEOMETRICS
37	S.R. I INTERCHANGE RIGHT-OF-WAY
38	S.R. I INTERCHANGE DRAINAGE
39-42	S.R. I INTERCHANGE RAMP PROFILES
43	WINCHESTER RD. INTERCHANGE DETAILS
44	WINCHESTER RD. INTERCHANGE GEOMETRICS
45	WINCHESTER RD. INTERCHANGE RIGHT-OF-WAY
46	WINCHESTER RD. INTERCHANGE DRAINAGE
47-50	WINCHESTER RD. INTERCHANGE RAMP PROFILES
51	U.S. 27 INTERCHANGE DETAILS
52	U.S. 27 INTERCHANGE GEOMETRICS
53	U.S. 27 INTERCHANGE RIGHT-OF-WAY
54	U.S. 27 INTERCHANGE DRAINAGE
55-58	U.S. 27 INTERCHANGE RAMP PROFILES
59, 59A	SUMMARY OF QUANTITIES & APPROACH TABLE
60-63	PLAT NO. 3

65 TOTAL SHEETS

24	1/11/88	CHANGED DRIVES & TEMP. R/W
14,28,53,54 & 62	3-20-88	REV. R/W STR. ADDED NOTE
16 & 17	4-30-88	ADDED NOTES ON PAR. 27A
16 & 17	4-22-93	ADDED NOTES ON PAR. 27
160	7-26-93	DISPOSITION OF LAND - PAR. 3

## 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 \_\_\_\_\_ inches.

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

A 9 inch C&G pavement shall be used.

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.

All Ditches of No. 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 or mulched seeded except where Sodding is specified.

Overhaul and Added Haul 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 Station \_\_\_\_\_ and Station "S-SR1-A", the Contractor will be required to remove the present roadway surface and base as directed by the Engineer.

For Kinds of Pipe permitted for each size and classification as shown on the Structure Data Sheet, see Miscellaneous Standard Sheets "MP" and "MP-1."

Such part of existing downspout drains that are disturbed by either adding or 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 Contractor must accept the plan quantities of Subbase as given on the Estimate of Quantities Sheet subject to the conditions as set out in 304.07 of the Standard Specifications.

The minimum grade for Underdrains shall be 0.20%. Where the profile grade is less than 0.20% special grades for Underdrains shall be established by the Engineer.

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

All Limited Access R/W (L.A. RW) 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 Nov. 1967 (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.

All Highway Drainage Structures 42" dia. and over, have been designed on the basis of a 10 year storm frequency.

The quantity Crown-Vetco Seeding, shown on the Estimate of Quantities Sheet is to be used at those locations where the slopes are 3:1 or steeper or in an area requiring sand cut or sand fills or as directed by the Engineer.

The quantity of Peat Excavation as shown the plans has been estimated on the basis of theoretical cross-section by using Method "A" where it applies and Method "B" where it applies.

Preformed Joint Material for Cross-overs, Drives, Road Approaches and Sidewalk will not be paid for directly, the cost thereof to be included in the contract unit price for the various items in the contract.

For Paved side ditch and Sodding Quantities see table on Sheet No. \_\_\_\_\_.

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 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.

The Engineer may Change the Type of Fence, Shown on the Plans upon Receipt of Reasonable, Written Justification from the Property Owner.

Prior to extending existing pipe structures, headwall in place on extended end shall be removed.

Unless otherwise specified the contractor shall have the option of using either Hot Asphaltic Concrete (HAC) or Hot Asphaltic Emulsion (HAE) on all Bituminous items.

Movement of excavation is shown on Mass Haul Diagram on Sheet No. \_\_\_\_\_, with the entire project being one balance.

Where Inlet Mod. Type H-5 is designated in the plans the detail of Inlet Type H-5, as shown on Standard Sheet CB-1, shall be followed except only one inlet and casting will be constructed.

\*\* REPRESENTS GENERAL NOTES REQUIRED

## ABBREVIATIONS

- F.F.T.F. = FARM FIELD TYPE FENCE
- C.L.T.F. = CHAIN LINK TYPE FENCE
- P.E.S. = PIPE END SECTION
- L.A.R/W = LIMITED ACCESS RIGHT-OF-WAY
- R/W = RIGHT-OF-WAY
- A.C.L. = ACCESS CONTROL LINE
- G.R.E.T. = GUARD RAIL END TREATMENT
- B = BEGIN L.A.R/W & A.C.L.
- E = END L.A.R/W & A.C.L.

## INDEX

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-141	1986	2	70

SHEET NO.	DESIGNATION	F.H.W.A. APPROVAL	DATE ADOPTED AT LATEST REVISION
1	TITLE SHEET		
2	INFORMATION SHEET		
	TYPICAL CROSS SECTION		
	PLAT NO. 1		
	PLAN AND PROFILE		
	DETAILS		
	APPROACH TABLE AND SUMMARY OF QUANTITIES		
	UNDERDRAIN TABLES		
	STRUCTURE DATA		
	ESTIMATE OF QUANTITIES		
	INTERCHANGE CONTOUR SHEET - SR 1		
	INTERCHANGE CONTOUR SHEET - WINCHESTER RD.		
	INTERCHANGE CONTOUR SHEET - US 27		
	ST'D. DIVIDED LANE SECTION ( )		
	ST'D. SINGLE LANE SECTION		
	ST'D. RAMP SECTION		
	ST'D. PAVEMENT JOINTS SHEET "A"	*	R-2-1-84
	ST'D. PAVEMENT JOINTS SHEET "B"	5-18-77	R-3-1-77
	MISCELLANEOUS STANDARDS, SHEET "MA"		
	MISCELLANEOUS STANDARDS, SHEET "MA-1"		
	MISCELLANEOUS STANDARDS, SHEET "MA-2"		
	MISCELLANEOUS STANDARDS, SHEET "MB"	12-16-80	A.OCT. 1980
	MISCELLANEOUS STANDARDS, SHEET "MB-1"		
	MISCELLANEOUS STANDARDS, SHEET "MB-2"		
	MISCELLANEOUS STANDARDS, SHEET "MC"	6-22-82	R-5-3-82
	MISCELLANEOUS STANDARDS, SHEET "MC-1"		
	MISCELLANEOUS STANDARDS, SHEET "MC-2"		
	MISCELLANEOUS STANDARDS, SHEET "MD"	12-27-82	R-10-1-82
	MISCELLANEOUS STANDARDS, SHEET "MD-1"		
	MISCELLANEOUS STANDARDS, SHEET "MD-2"		
	MISCELLANEOUS STANDARDS, SHEET "MD-3"		
	MISCELLANEOUS STANDARDS, SHEET "MD-4"		
	MISCELLANEOUS STANDARDS, SHEET "ME"	5-21-82	R-4-1-82
	MISCELLANEOUS STANDARDS, SHEET "ME-1"	10-18-82	R-9-1-82
	MISCELLANEOUS STANDARDS, SHEET "ME-2"	11-2-78	R-10-2-78
	MISCELLANEOUS STANDARDS, SHEET "MH"		
	MISCELLANEOUS STANDARDS, SHEET "MH-1"	10-18-82	R-9-1-82
	MISCELLANEOUS STANDARDS, SHEET "MH-2"		
	MISCELLANEOUS STANDARDS, SHEET "MI"	5-15-81	R-2-2-81
	MISCELLANEOUS STANDARDS, SHEET "MI-1"		
	MISCELLANEOUS STANDARDS, SHEET "MI-2"		
	MISCELLANEOUS STANDARDS, SHEET "MJ"		
	MISCELLANEOUS STANDARDS, SHEET "MJ-1"		
	MISCELLANEOUS STANDARDS, SHEET "MJ-2"		
	MISCELLANEOUS STANDARDS, SHEET "MJ-2A"		
	MISCELLANEOUS STANDARDS, SHEET "MJ-3"		
	MISCELLANEOUS STANDARDS, SHEET "MN"	12-22-80	R-10-1-80
	MISCELLANEOUS STANDARDS, SHEET "MP"	7-19-83	R-5-2-83
	MISCELLANEOUS STANDARDS, SHEET "MP-1"	4-9-70	R-2-2-70
	MISCELLANEOUS STANDARDS, SHEET "MQ"	*	R-2-1-84
	MISCELLANEOUS STANDARDS, SHEET "MR"	*	R-2-1-84
	MISCELLANEOUS STANDARDS, SHEET "S"	3-12-74	R-1-2-74
	MISCELLANEOUS STANDARDS, SHEET "S-1"		
	MISCELLANEOUS STANDARDS, SHEET "MT"		
	MISCELLANEOUS STANDARDS, SHEET "MT-1"	12-27-82	R-10-1-82
	MISCELLANEOUS STANDARDS, SHEET "MT-1A"	12-27-82	R-10-1-82
	MISCELLANEOUS STANDARDS, SHEET "MT-2"	12-27-82	R-10-1-82
	MISCELLANEOUS STANDARDS, SHEET "MT-3"	8-30-82	A.JULY 1982
	MISCELLANEOUS STANDARDS, SHEET "MT-4"	12-27-82	R-10-1-82
	MISCELLANEOUS STANDARDS, SHEET "MT-9"		
	MISCELLANEOUS STANDARDS, SHEET "MV-4"	5-22-81	R-3-2-81
	ST'D. STR. CONN. FOR EXTENSION, SHEET MU		
	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	7-19-83	R-5-2-83
	GUARD RAIL SHEET GR-2	12-8-83	R-10-3-83
	GUARD RAIL SHEET GR-3	5-21-82	R-4-1-82
	GUARD RAIL SHEET GR-4A	*	R-4-3-83
	GUARD RAIL SHEET GR-4	*	R-4-1-82
	ALUMINUM GUARD RAIL DETAILS, SHEET GR-5	5-21-82	R-4-1-82
	STEEL TUBE GUARD RAIL DETAILS, SHEET GR-6	5-21-82	R-4-1-82
	GUARD RAIL PIER CONNECTION DETAILS, SHEET GR-7		
	GUARD RAIL SHEET GR-8		
	GUARD RAIL SHEET GR-9		
	GUARD RAIL - BURIED ENDS, SHEET GR-10	5-21-82	R-4-1-82
	GUARD RAIL - BREAKAWAY CABLE TERMINAL, SHEET GR 10A	5-21-82	R-4-1-82
	GUARD RAIL - BREAKAWAY CABLE TERMINAL, SHEET GR 10B		
	CONCRETE MEDIAN BARRIER, SHEET CB-1	8-30-82	R-4-1-82
	TEMPORARY CONCRETE BARRIER, SHEET CB-2	6-3-81	R-4-1-81
	ST'D. FOR SUPERELEVATION SHEET 2	11-5-69	R-8-1-69
	ST'D. DETOUR SIGNS, SHEET 1	*	R-2-1-84
	ST'D. DETOUR SIGNS, SHEET 1A	*	R-2-1-84
	ST'D. DETOUR SIGNS, SHEET 2	*	R-2-1-84
	ST'D. DETOUR SIGNS, SHEET 2A	*	R-2-1-84
	ST'D. DETOUR SIGNS, SHEET 3	*	R-2-1-84
	ST'D. DETOUR SIGNS, SHEET 3A	12-8-83	R-10-3-83
	ST'D. DETOUR SIGNS, SHEET 4	12-8-83	R-10-3-83
	ST'D. DETOUR SIGNS, SHEET 5A	*	R-2-1-84
	TRAFFIC SIGN DETAILS, SHEET 9		
	CROSS SECTIONS		
	* F.H.W.A. APPROVAL PENDING		

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
F-170-141		2	70	

ROAD USER'S COUNTY-ALLEN PROJECT # 170-1(4) L.R. CODE 1984 DATE 06-25-86

PARCEL LISTING FOR LAND ACQUISITION INDIANAPOLIS DEPARTMENT OF HIGHWAYS

PARCEL NUMBER	GRANTOR	CENTER LINE	FROM APPROX STA.	TO APPROX STA.	PLAN SHEET	BRIDGE	TOTAL AREA	N/JH EXISTING TITLE	LAND OF ACQUISITION	RESIDUE AREA	BLOG.
1	DALL, ROY S. ET UX.	A	360	370	9810640		74.573AC	0.488AC	F5 7.101AC	A= 50.501AC B= 3.592AC C= 1.073AC	
2	HARBER FARMS INC.	A	373	400	10611323		182.826AC	0.494AC	F5 27.595	A= 84.834AC B= 59.437AC	
3	MCNAMON, WM. C. ET AL.	SBR1A	822	827	8622660		156.803AC	4.407AC	F5 3.603AC	A= 47.890AC B= 79.483AC	
4	KATERS, HOMER P. ET UX.	A	374	375	8648		62.713AC	2.467AC	F5 1.222AC	A= 33.130AC B= 7.949AC	
5	DEKOR, INC.	L5R1	464	488	13077460		192.991AC	2.414AC	F5 3.590AC	A=147.114AC B= 39.471AC	
6	DIOCESE OF FORT WAYNE	SBR1A	823	825	8642440		55.289AC	0.829AC	F5 0.022AC	A= 14.438AC	
7	MURKIN, S.F. ET UX.	A	433	427	1812237		88.183AC	0.353AC	F5 8.764AC	A= 16.242AC B= 34.546AC	
8	KING, VIOLET G.	A	426	440	8412460		93.246AC	0.319AC	F5 8.477AC	A= 27.414AC B= 38.310AC C= 0.728AC	
9	FACES, HENRY ET UX.	L5R1	439	453	8642460		100.000AC	0.858AC	F5 4.391AC	A= 22.284AC B= 70.432AC	
10	INZEL, DELBERT P. ET AL.	A	439	440	8642460		130.651AC	1.785AC	TE 0.115AC	A= 52.514	
11	SPERRY, ARTHUR ET AL.	54A	43	50	1362461		37.924AC	1.116AC	F5 0.976AC	A= 35.805AC	
12	MERMA, ROBERT R.	54A	40	44	8624461		2.074AC	0.124AC	F5 0.104AC	A= 1.846AC	
13	ELIMINATED 7-31-86										
14	MURPHY, JOHN D. ET UX.	54A	41	44	8624461		17.404AC	0.528AC	F5 0.066AC	A= 17.537AC B= 1.056AC	
15	MCMASTERS, D. ET UX.	54A	40	42	8624461		0.752AC	0.080AC	F5 0.017AC	A= 0.698AC	
16	SPILLERS, STEVEN ET UX.	54A	50	53	1326461		3.541AC	0.098AC	F5 0.676AC	A= 2.547AC	
17	ELIMINATED 7-31-86										
18	LYNN, PAUL L. ET UX.	A	496	503	14925461		30.000AC	0.167AC	F5 2.074AC	A= 27.759AC	
19	MUFFELER, ESTELLA L.	A	494	516	14925461		58.430AC	0.693AC	F5 10.165AC	A= 41.922AC B= 5.608AC	
20	JOHN BEHNER, INC.	A	513	534	15926465		203.908AC	3.597AC	F5 12.101AC	A= 78.537AC B= 74.488AC C= 99.643AC	
21	SWARTZ, ROBERT H. ET UX.	A	529	561	1526465		63.820AC	0.946AC	F5 15.786AC	A= 45.091AC B= 1.097AC	
22	SWARTZ, PAUL W. ET UX.	54A	42	44	2645465		1.000AC	0.924AC	F5 0.053AC	A= 0.825AC	
23	ELIMINATED 7-31-86										
24	ELIMINATED 7-31-86										
25	WISER, JEAN M. + GETTINGER	54A	39	40	2645462		2.370AC	0.360AC	F5 0.010AC	A= 2.240AC	
26	MARBLEMAN, SYLVIA E. A.	54A	357	560	8616462		83.936AC	0.391AC	F5 1.481AC	A= 82.066AC	
27	SORGE, RAYMOND P. ET UX.	A	540	579	16417462		80.000AC	1.070AC	F5 4.503AC	A= 84.427AC	
28	WYSS, ALBERT A. ET UX.	A	579	586	8612462		100.000AC	0.870AC	F5 8.877AC	A= 16.196AC B= 37.774AC C= 56.130AC	
29	MEYERS, ROBERT W. ET UX.	A	586	604	17427463		43.889AC	0.769AC	F5 0.112AC	A= 42.120AC	
30	WISER, JEAN M. + GETTINGER	54A	39	40	2645462		2.370AC	0.360AC	F5 0.010AC	A= 2.240AC	
31	MEYERS, THOMAS L. ET UX.	54A	45	47	17427463		1.000AC	0.676AC	F5 0.129AC	A= 0.804AC	
32	BERNARD, STEVEN ET UX.	54A	40	46	8627465		29.460AC	0.329AC	F5 0.660AC	A= 28.455AC	
33	BERNARD, ELBERT ET UX.	54A	54	61	8627463		125.088AC	3.288AC	F5 0.232AC	A= 52.000AC B= 44.407AC	
34	ELIMINATED 6-30-86										
35	SEIBELMEYER, L. ET AL.	A	621	639	18419463		91.000AC	0.706AC	F5 23.139AC	A= 71.086AC B= 8.814AC C= 1.099AC	
36	BERG, WILLIAM G. ET AL.	A	638	660	19428463		43.060AC	0.707AC	F5 20.637AC	A= 22.219AC B= 2.034AC	
37	SCHMIDT, ESTHER L.	A	638	644	8619463		32.976AC	3.953AC	F5 0.014AC	A= 9.271AC B= 0.865AC C= 0.840AC	
38	ELIMINATED 5-8-87										
39	SORGE, DONALD L. ET UX.	SUSR27	724	729	19420428		36.109AC	2.719AC	F5 0.014AC	A= 29.886AC B= 5.489AC	
40	ARMSTRONG, PATRICK ET UX.	SUSR27	715	716	8653463		0.992AC	0.278AC	F5 0.032AC	A= 0.682AC	
41	WHITE, GARY A. ET UX.	SUSR27	716	717	8653463		2.719AC	0.374AC	F5 0.064AC	A= 1.076AC	
42	DAY, MELVIN B. ET UX.	A	663	666	19453463		16.920AC	0.291AC	F5 1.005AC	A= 5.421AC B= 0.865AC	
43	KESSELS, VIOLA E.	A	666	672	20453463		25.164AC	0.604AC	F5 1.503AC	A= 23.057AC	
44	HOOK, PAUL W. ET UX.	A	679	685	20463464		35.983AC	0.381AC	F5 4.236AC	A= 13.576AC B= 13.790AC	
45	CORTIS, SADIE	A	682	693	20463464		42.280AC	0.725AC	F5 6.022AC	A= 35.538AC	
46	MERRILL, EMIL A. ET UX.	A	694	700	20421464		80.000AC	1.212AC	F5 4.665AC	A= 74.123AC	
47	RICE, ARENE	A	698	702	8621464		6.070AC	0.201AC	F5 0.387AC	A= 6.082AC	
48	SMITH, MARVISTA E.	A	701	708	8621464		21.672AC	0.379AC	F5 2.397	A= 17.024AC B= 4.279AC C= 38.422AC	
49	CONRAD, CLARENCE ET UX.	A	637	640	8619463		116.657AC	11.503AC	F5 0.095AC	A= 0.095AC	

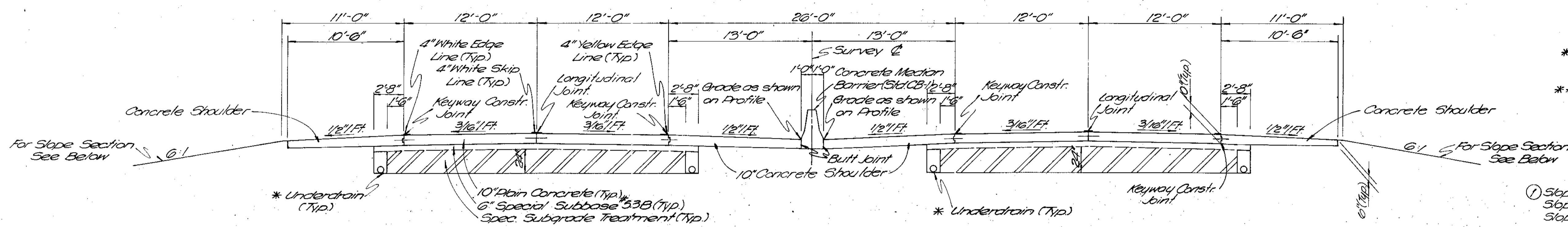
REV. 5-8-87 D.W.M.

REV. 9-25-86 DON MILLER  
REV. 9-25-86 DON MILLER  
REV. 10-2-86 BL Smith  
REV. 1-1-86 R. LEWIS  
REV. 7-30-86 R. DAWLAP  
REV. 8-12-86 DON MILLER  
REV. 8-12-86 DON MILLER  
REV. 7-30-86 R. DAWLAP  
REV. 10-16-86 D. LAUER  
REV. 10-25-86 R. GRINER  
REV. 3-19-87 D. LAUER  
REV. 1-19-87 DON MILLER  
REV. 12-29-86 D. LAUER  
REV. 1-17-87 DON MILLER  
REV. 5-8-87 DON MILLER  
REV. 1-8-87 DON MILLER  
REV. 2-24-87 R. MILLER  
REV. 5-8-87 DON MILLER  
REV. 2-4-87 R. DAWLAP

SP. TARRANT  
R.T.S.  
SP. SHM.  
R.T.S.

PARCEL NUMBER	OWNER	CENTER LINE	AREA ACROSS 50% WIDTH	BLANK SHEET	BRIDGE	TOTAL AREA	BY EXISTING TITLE	NATURE OF TITLE	RESERVE AREA	REMARKS
90	UNKNOWN	A	87 539	8-19-63	UNKNOWN	FS	0.8398C	FS	1.1944C	
REV. 7-30-86 A. DONZAP										
106		A	478	15-14-64		FS	5.808 AC	FS		
107		A	480	15-24-64		TE	0.107 AC	TE		
108		A	485	8-24-61		TE	0.263 AC	TE		
109		A	485	8-24-61		TE	0.190 AC	TE		
110		A	54	8-24-61		SP	CONTR. SALE	SP		
111		A	56	8-24-61		TE	0.021 AC	TE		
REV. 1-11-88 R. LEWIS										
112		A	544	8-24-61						
REV. 1-18-88 D. LAUER										
113		A	478	15-14-64						
114		A	480	15-24-64						
115		A	485	8-24-61						
116		A	485	8-24-61						
117		A	54	8-24-61						
118		A	56	8-24-61						
REV. 9-25-86 DON MILLER										
119		A	478	15-14-64						
120		A	480	15-24-64						
121		A	485	8-24-61						
122		A	485	8-24-61						
123		A	54	8-24-61						
124		A	56	8-24-61						
REV. 9-25-86 DON MILLER										
125		A	478	15-14-64						
126		A	480	15-24-64						
127		A	485	8-24-61						
128		A	485	8-24-61						
129		A	54	8-24-61						
130		A	56	8-24-61						
REV. 12-31-86 D. LAUER										
131		A	478	15-14-64						
132		A	480	15-24-64						
133		A	485	8-24-61						
134		A	485	8-24-61						
135		A	54	8-24-61						
136		A	56	8-24-61						
REV. 4-6-86 D. LAUER										
137		A	478	15-14-64						
138		A	480	15-24-64						
139		A	485	8-24-61						
140		A	485	8-24-61						
141		A	54	8-24-61						
142		A	56	8-24-61						
REV. 1-9-87 DON MILLER										
143		A	478	15-14-64						
144		A	480	15-24-64						
145		A	485	8-24-61						
146		A	485	8-24-61						
147		A	54	8-24-61						
148		A	56	8-24-61						
REV. 12-21-87 R. MILLER										
149		A	478	15-14-64						
150		A	480	15-24-64						
151		A	485	8-24-61						
152		A	485	8-24-61						
153		A	54	8-24-61						
154		A	56	8-24-61						
REV. 9-25-86 DON MILLER										
155		A	478	15-14-64						
156		A	480	15-24-64						
157		A	485	8-24-61						
158		A	485	8-24-61						
159		A	54	8-24-61						
160		A	56	8-24-61						
REV. 9-25-86 DON MILLER										
161		A	478	15-14-64						
162		A	480	15-24-64						
163		A	485	8-24-61						
164		A	485	8-24-61						
165		A	54	8-24-61						
166		A	56	8-24-61						
REV. 9-25-86 DON MILLER										
167		A	478	15-14-64						
168		A	480	15-24-64						
169		A	485	8-24-61						
170		A	485	8-24-61						
171		A	54	8-24-61						
172		A	56	8-24-61						
REV. 9-25-86 DON MILLER										
173		A	478	15-14-64						
174		A	480	15-24-64						
175		A	485	8-24-61						
176		A	485	8-24-61						
177		A	54	8-24-61						
178		A	56	8-24-61						
REV. 9-25-86 DON MILLER										
179		A	478	15-14-64						
180		A	480	15-24-64						
181		A	485	8-24-61						
182		A	485	8-24-61						
183		A	54	8-24-61						
184		A	56	8-24-61						
REV. 9-25-86 DON MILLER										
185		A	478	15-14-64						
186		A	480	15-24-64						
187		A	485	8-24-61						
188		A	485	8-24-61						
189		A	54	8-24-61						
190		A	56	8-24-61						
REV. 9-25-86 DON MILLER										
191		A	478	15-14-64						
192		A	480	15-24-64						
193		A	485	8-24-61						
194		A	485	8-24-61						
195		A	54	8-24-61						
196		A	56	8-24-61						
REV. 9-25-86 DON MILLER										
197		A	478	15-14-64						
198		A	480	15-24-64						
199		A	485	8-24-61						
200		A	485	8-24-61						
201		A	54	8-24-61						
202		A	56	8-24-61						
REV. 9-25-86 DON MILLER										
203		A	478	15-14-64						
204		A	480	15-24-64						
205		A	485	8-24-61						
206		A	485	8-24-61						
207		A	54	8-24-61						
208		A	56	8-24-61						
REV. 9-25-86 DON MILLER										
209		A	478	15-14-64						
210		A	480	15-24-64						
211		A	485	8-24-61						
212		A	485	8-24-61						
213		A	54	8-24-61						
214		A	56	8-24-61						
REV. 9-25-86 DON MILLER										
215		A	478	15-14-64						
216		A	480	15-24-64						
217		A	485	8-24-61						
218		A	485	8-24-61						
219		A	54	8-24-61						
220		A	56	8-24-61						
REV. 9-25-86 DON MILLER										
221		A	478	15-14-64						
222		A	480	15-24-64						
223		A	485	8-24-61						
224		A	485	8-24-61						
225		A	54	8-24-61						
226		A	56	8-24-61						
REV. 9-25-86 DON MILLER										
227		A	478	15-14-64						
228		A	480	15-24-64						
229		A	485	8-24-61						
230		A	485	8-24-61						
231		A	54	8-24-61						
232		A	56	8-24-61						
REV. 9-25-86 DON MILLER										
233		A	478	15-14-64						
234		A	480</							

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1141	1985	4	70



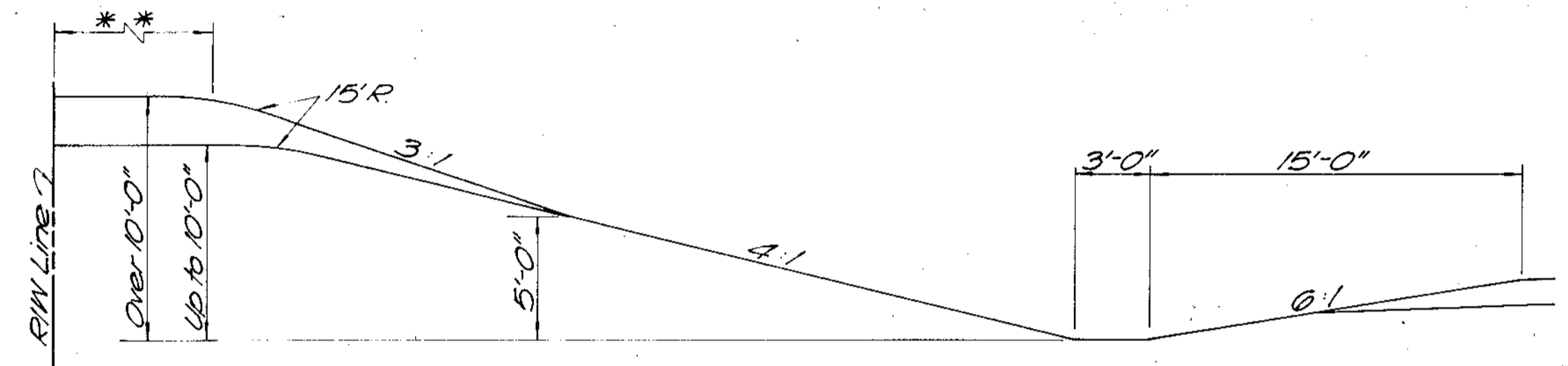
**LEGEND**  
 \* For Details of Underdrain see Misc. Std. Sheet "MIN"  
 \*\* Minimum desirable Distance 3' for 100' RWL (200' Total)  
 \*\*\* Use 2:1 Slope when Fill Height exceeds 30'

① Slope 1/2" Ft down for 0°30' to 1°29.99'  
 Slope 1/4" Ft down for 1°30' to 1°59.99'  
 Slope 1/8" Ft up for 2°00' and over  
 ② Slope 1/2" Ft down from EP for 0°30' to 1°29.99'  
 Slope - Rate of Superelevation 1°30' and over  
 ++ Slope may be reduced to 2:1 where indicated on Cross Sections

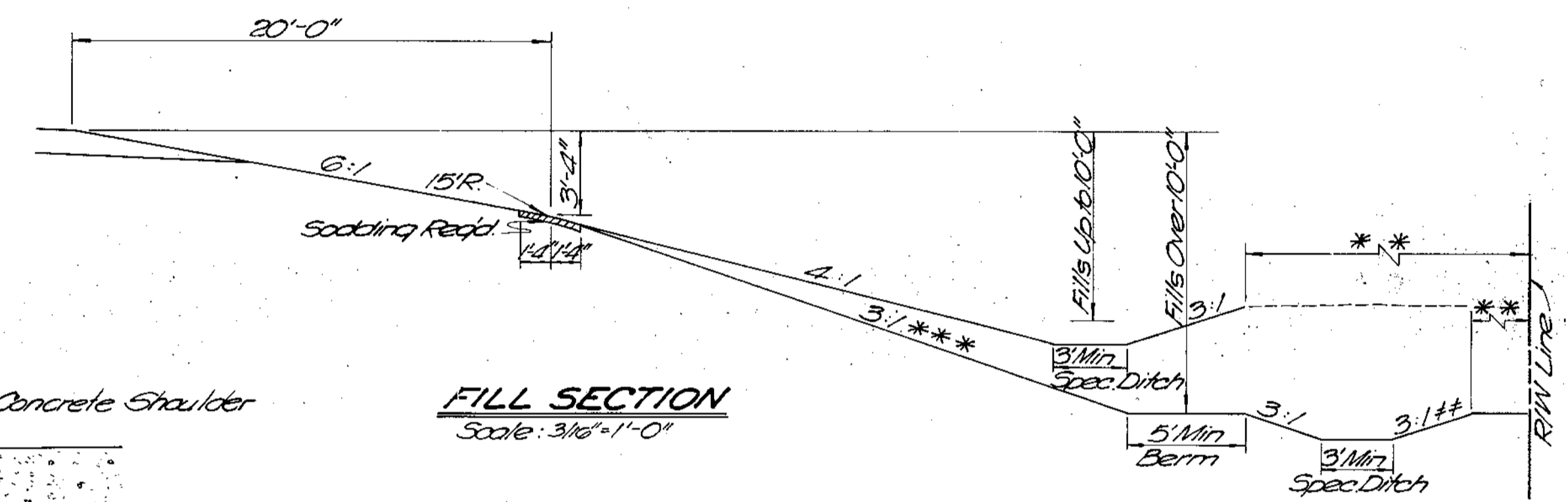
**ON TANGENTS AND ON CURVES OF 0°29.99' OR LESS**

Scale: 3/16" = 1'-0"

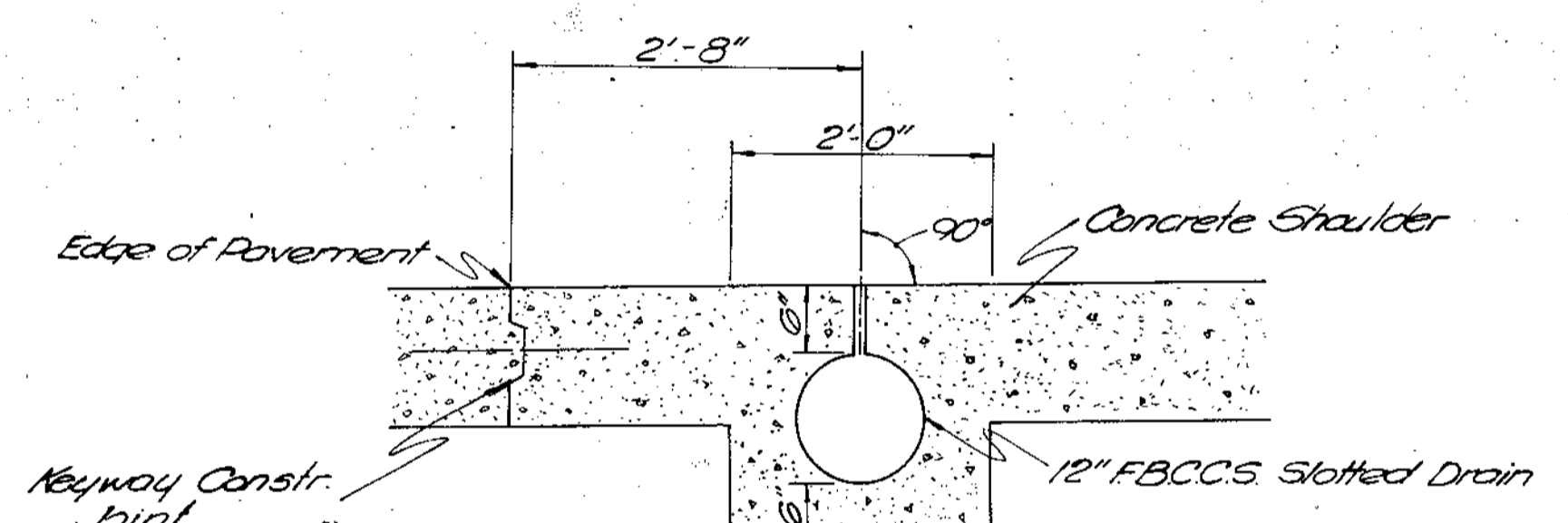
STA 360+09.09 24" to STA 402+60 24"  
 STA 490+20 24" to STA 554+65 24"  
 STA 568+80 24" to STA 600+20 24"  
 STA 629+80 24" to STA 650+35 24"  
 STA 676+40 24" to STA 706+00 24"



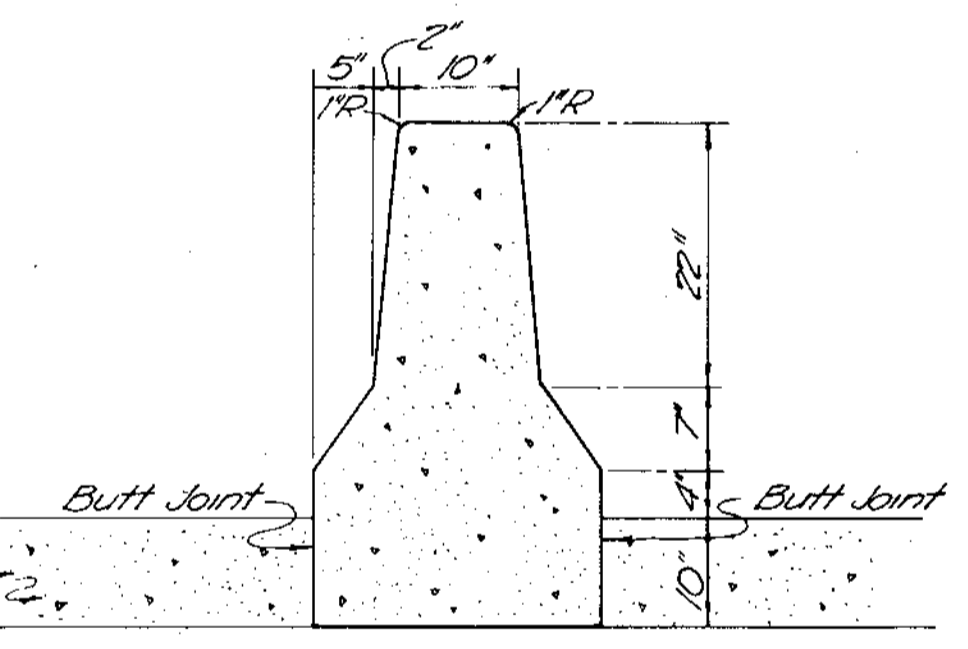
**CUT SECTION**  
 Scale: 3/16" = 1'-0"



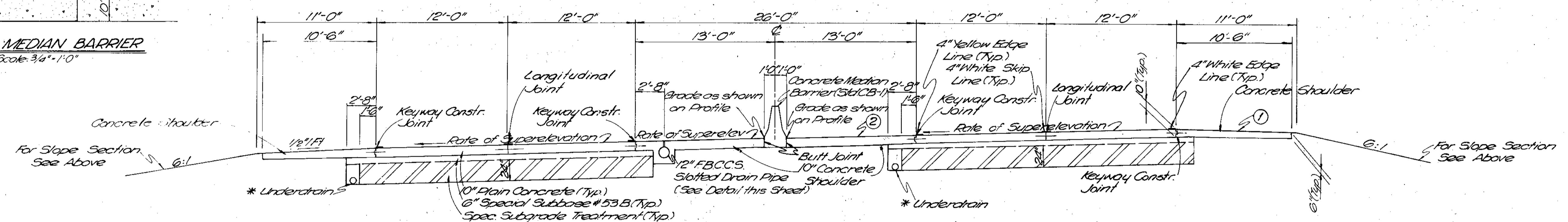
**FILL SECTION**  
 Scale: 3/16" = 1'-0"



**DETAIL OF 12" FBCCS SLOTTED DRAIN**  
 Scale: None



**CONCRETE MEDIAN BARRIER**  
 Scale: 3/4" = 1'-0"



**ON CURVES TO LEFT OF 0°30' OR MORE  
 CURVES TO RIGHT REVERSED**

Scale: 3/16" = 1'-0"

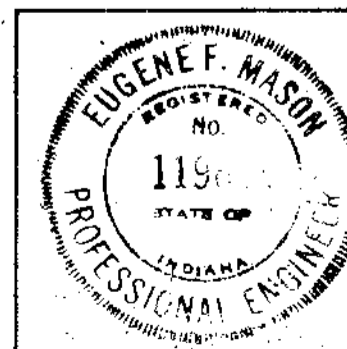
STA 402+60 24" to STA 490+20 24" (2°00' e=0.06511)  
 STA 554+65 24" to STA 568+80 24" (0°36' e=RC)  
 STA 600+20 24" to STA 629+80 24" (2°30' e=0.07311)  
 STA 650+35 24" to STA 676+40 24" (1°30' e=0.05311)

**TYPICAL CROSS SECTIONS**

SCALE: As Shown

RECOMMENDED FOR APPROVAL 3-31-86

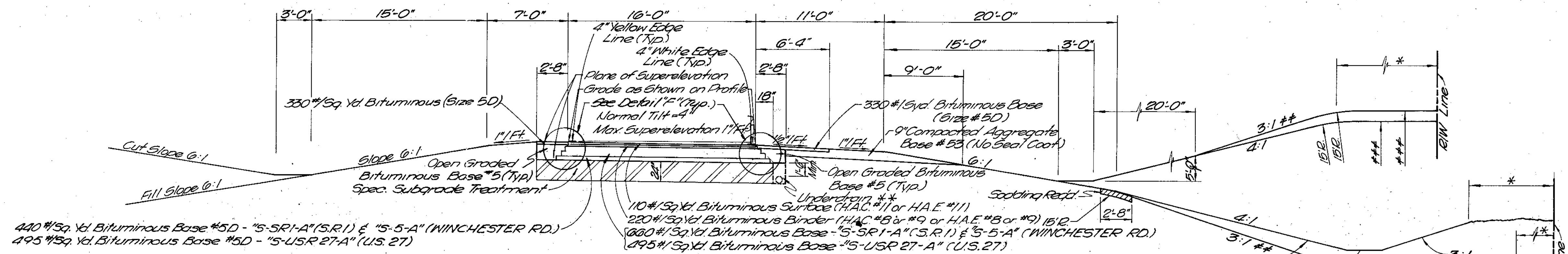
*Eugene F. Mason*  
 PROFESSIONAL ENGINEER



PROJECT NO.	LINE NO.	SHEET NO.	TOTAL SHEETS	FILE
F-170-1141	21	4	70	

U.S. 24 #1353

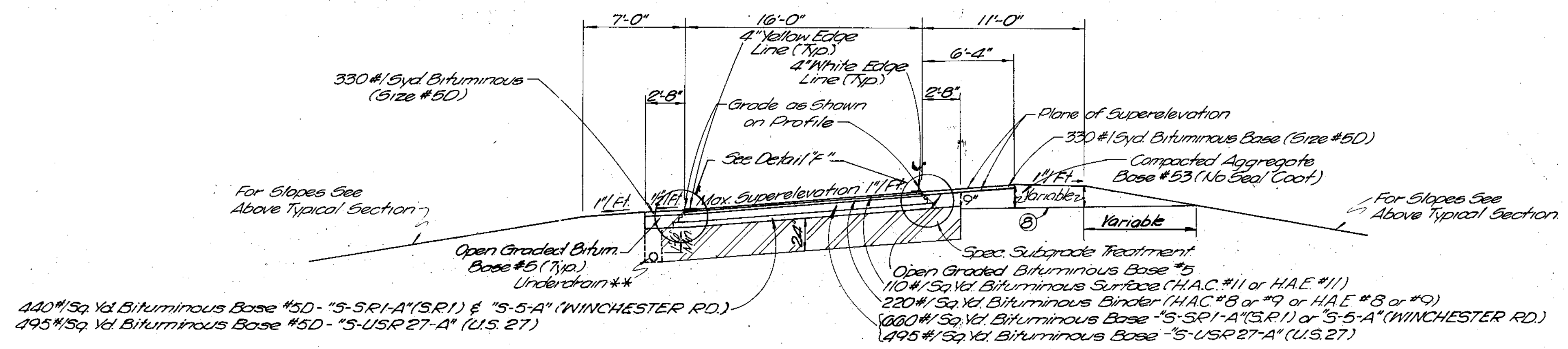
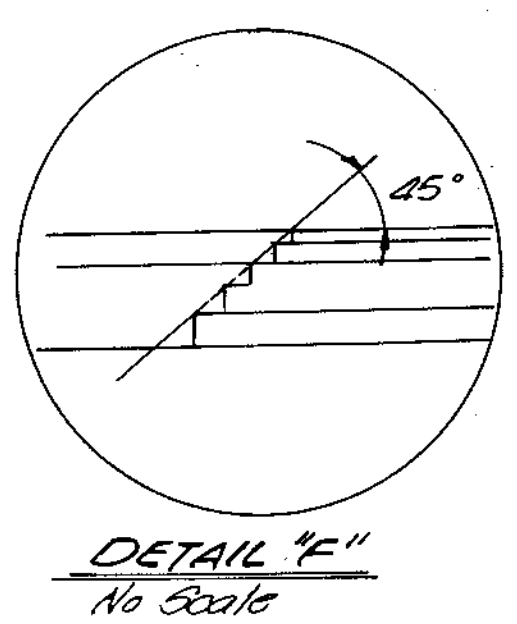
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-141	1985	5	70



**TYPICAL RAMP SECTION**  
Scale: 3/16"=1'-0"

- |  |  |  |
|--|--|--|
| <p><b>"5-SR1-A" (S.R.1)</b><br/>         "NW2" STA. 0+32.82 to STA. 2+97.88<br/>         STA. 5+37.07 to STA. 10+12.91<br/>         "SW2" STA. 4+00.0 to STA. 7+28.87<br/>         STA. 13+93.27 to STA. 15+34.47<br/>         "NE2" STA. 4+00.0 to STA. 7+68.28<br/>         STA. 12+26.28 to STA. 14+40.63<br/>         "SE2" STA. 0+32.82 to STA. 2+74.61<br/>         STA. 5+54.03 to STA. 9+71.73</p> | <p><b>"5-5-A" (WINCHESTER RD.)</b><br/>         "NW2" STA. 0+24.20 to STA. 1+98.97<br/>         STA. 5+54.62 to STA. 9+23.40<br/>         "SW2" STA. 4+00.0 to STA. 7+38.74<br/>         STA. 11+73.72 to STA. 14+23.90<br/>         "NE2" STA. 4+00.0 to STA. 11+83.38<br/>         "SE2" STA. 0+24.20 to STA. 2+65.79<br/>         STA. 8+44.02 to STA. 10+71.10</p> | <p><b>"5-USR 27-A" (U.S. 27)</b><br/>         "NW2" STA. 0+48.98 to STA. 9+06.51<br/>         "SW2" STA. 4+00.0 to STA. 7+19.00<br/>         "NE2" STA. 4+00.0 to STA. 17+28.65<br/>         "SE2" STA. 7+26.13 to STA. 10+52.20</p> |
|--|--|--|

- LEGEND**
- \* - Minimum Desirable Distance 3'
  - \*\* - For Details of Underdrains See Misc. Std. Sheet M.U.
  - \*\* - This Slope May Be Reduced To a 2:1 Minimum Where R/W Conditions Warrant.
  - \*\*\* - For Cut and Fill Height See Standard and/or Typical Cross Section for Each Project.



**TYPICAL RAMP SECTION**  
Scale: 3/16"=1'-0"

- |   |   |   |
|---|---|---|
| <p><b>"5-SR1-A" (S.R.1)</b><br/>         "NW2" STA. 2+97.88 to STA. 5+37.67<br/>         "SW2" STA. 7+28.87 to STA. 13+93.27<br/>         "NE2" STA. 7+68.28 to STA. 12+26.28<br/>         "SE2" STA. 2+74.61 to STA. 5+54.03</p> | <p><b>"5-5-A" (WINCHESTER RD.)</b><br/>         "NW2" STA. 1+98.97 to STA. 5+54.62<br/>         "SW2" STA. 7+38.74 to STA. 11+73.72<br/>         "SE2" STA. 2+65.79 to STA. 8+44.02</p> | <p><b>"5-USR 27-A" (U.S. 27)</b><br/>         "SW2" STA. 7+19.00 to STA. 16+08.71<br/>         "SE2" STA. 0+48.49 to STA. 7+26.13</p> |
|---|---|---|

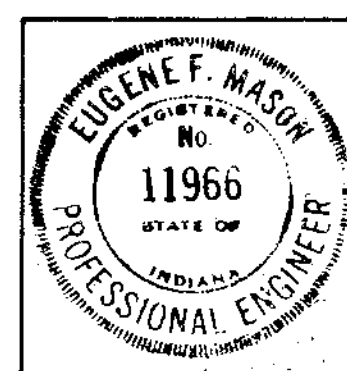
⊙ Slope 1/8" Ft. down on curves of 0'30" to 1'29.99"  
 Slope 1/4" Ft. down on curves of 1'30" or more.

# TYPICAL CROSS SECTIONS

SCALE: As Shown

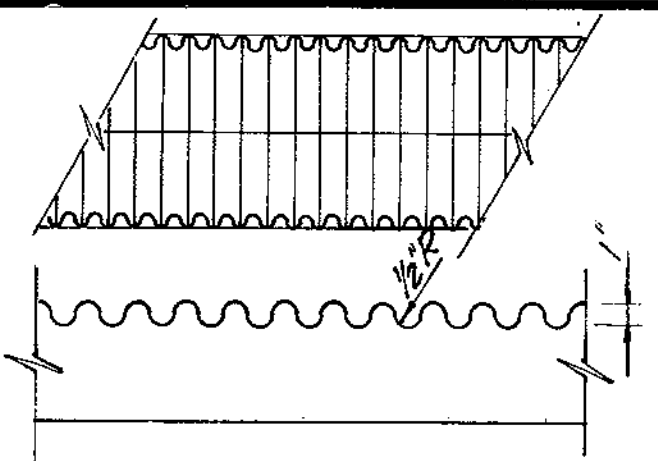
RECOMMENDED FOR APPROVAL 3-31-86

*Eugene F. Mason*  
 ENGINEER - ROAD DESIGN

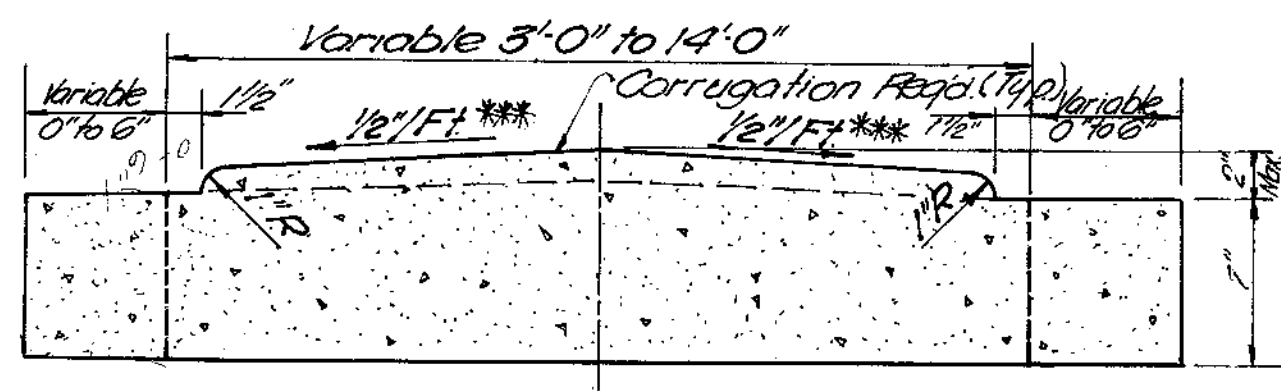


PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
F-170-141		5	70	

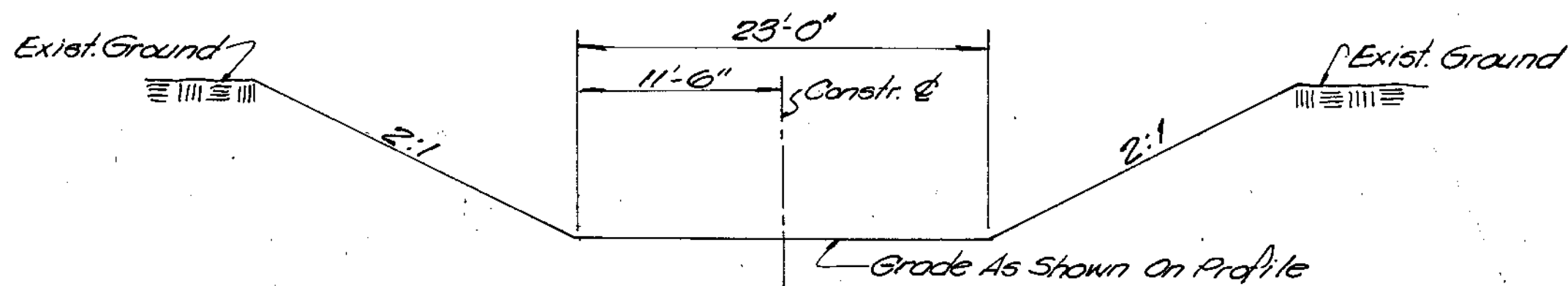
U.S. 27 #1553



**TYPICAL CORRUGATION DETAIL**  
No Scale

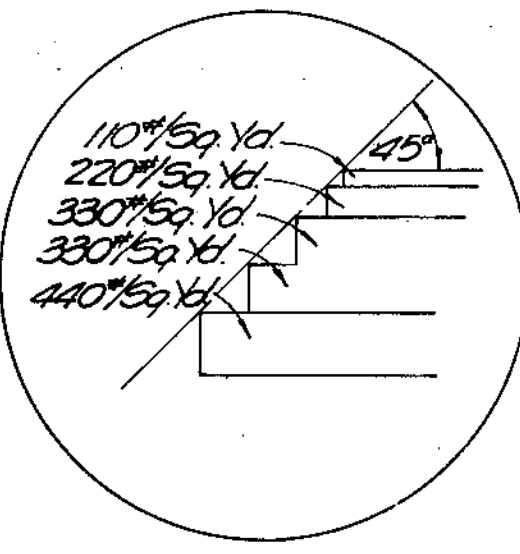


**MODIFIED CONCRETE CENTER CURB TYPE "A"**  
Scale 1/2" = 1'-0"

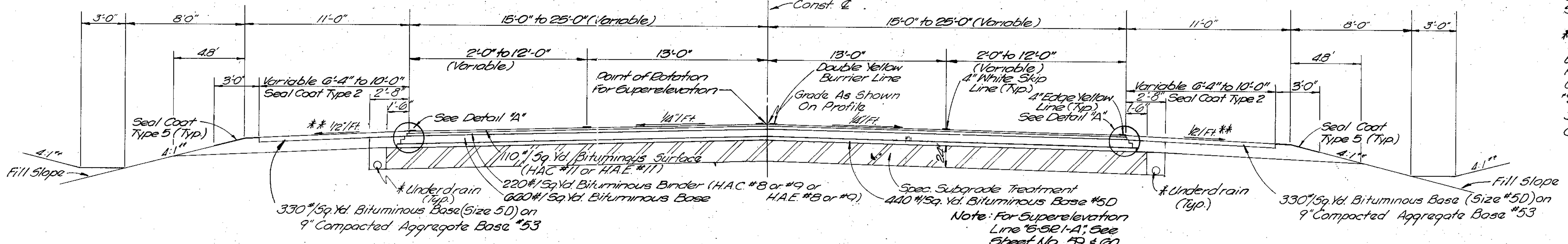


**TYPICAL SECTION RELOCATED HARBER DITCH LINE "PR-HD-1"**  
No Scale

\*\*\*For Width Greater Than 4'-0" Varies Slope to Hold 2" Max. Height  
\*\* Slope Shoulder Down 1/4" Ft. On High Side of Superelevated Section.  
\* For Details of Underdrain See Misc. Std. Sheet "M/N" Underdrain Not Req'd on High Side of Superelevated Curve. (See Underdrain Table.)  
\* Slope May Be Reduced to 3:1 or 2:1 Where Shown on Cross Section



**DETAIL "A"**  
SCALE 1" = 1'-0"

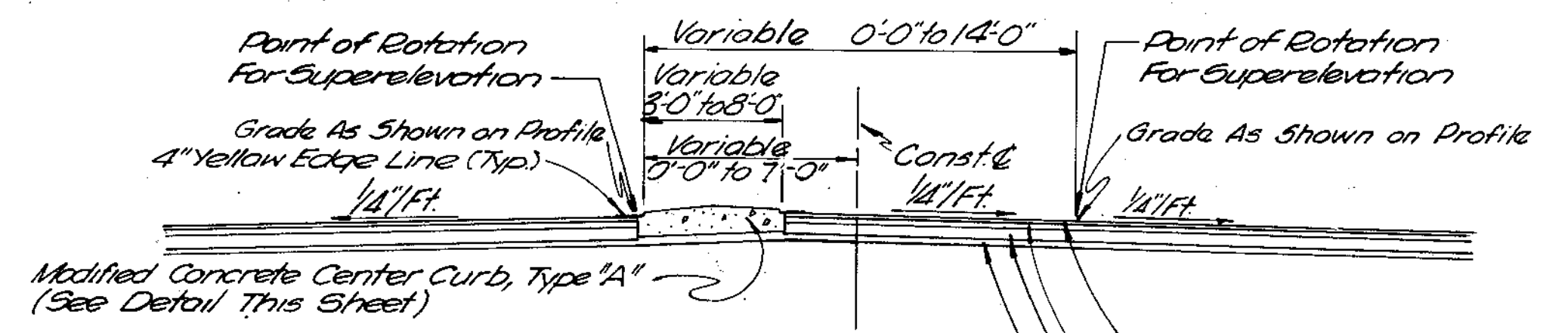


**LINE "S-SR1-A"**

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

**TANGENT**  
STA. 820+15 "PR-1" to STA. 824+80 "PR-1"  
STA. 834+78.08 "S-SR1-A" to STA. 856+00 "S-SR1-A"

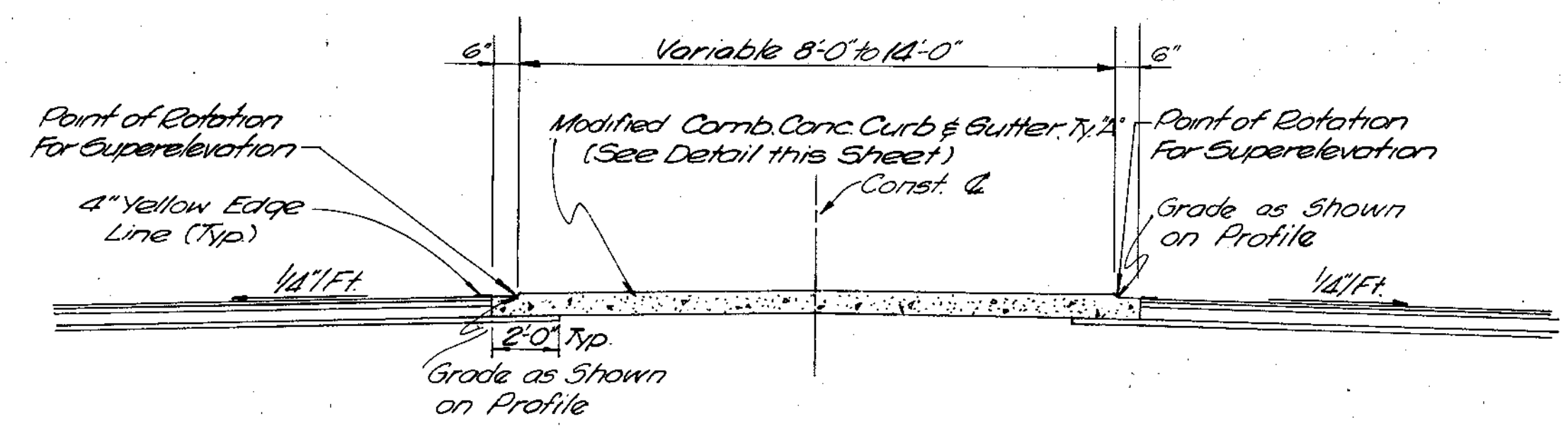
**SUPER**  
STA. 821+45 "S-SR1-A" to STA. 823+00 "S-SR1-A" (2'00")  
STA. 823+00 "PR-1" to STA. 829+25 "PR-1" (2'00")  
STA. 829+25 "PR-1" to STA. 840+15 "PR-1" (2'00")  
STA. 844+80 "PR-1" to STA. 851+76.1 "PR-1" (2'00")  
STA. 851+05.69 "S-SR1-A" to STA. 854+78.08 "S-SR1-A" (2'00")



**LEFT TURN LANE LINE "S-SR1-A"**

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

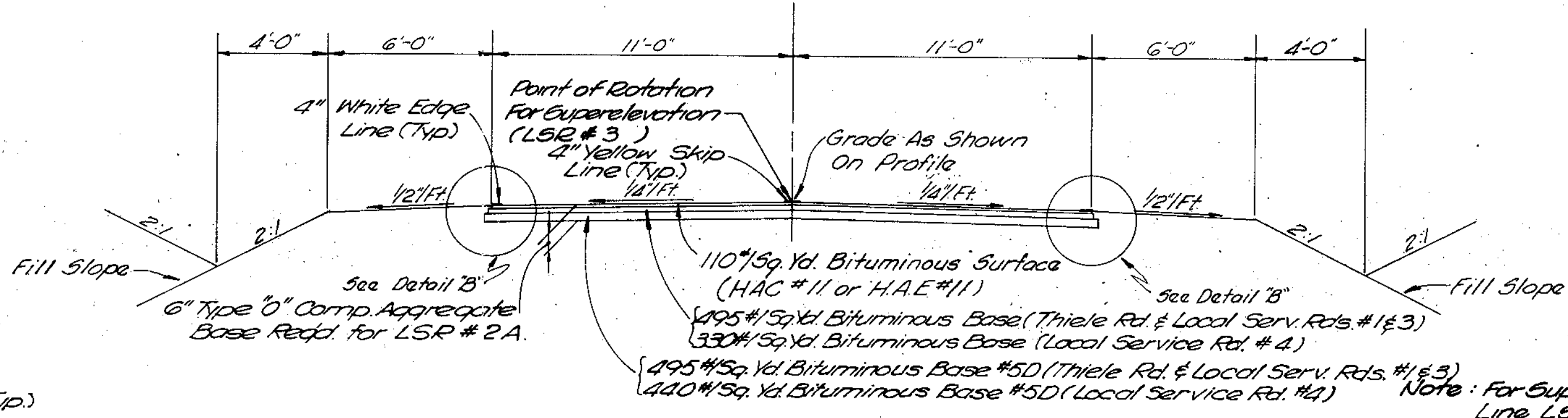
STA. 838+83 "PR-1" to STA. 839+65 "PR-1"  
STA. 840+45 "PR-1" to STA. 843+95 "PR-1"  
STA. 844+75 "PR-1" to STA. 845+57 "PR-1"



**RAISED MEDIAN LINE "S-SR1-A"**

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

STA. 835+94 "PR-1" to STA. 838+83 "PR-1"  
STA. 845+57 "PR-1" to STA. 848+46 "PR-1"



**LOCAL SERVICE ROADS NO 1 & 4**

STA. 395+10.63 to STA. 440+00.00 LSR #1  
STA. 16+50.00 to STA. 21+52.36 LSR #4

**LOCAL SERVICE ROAD NO 2 A**

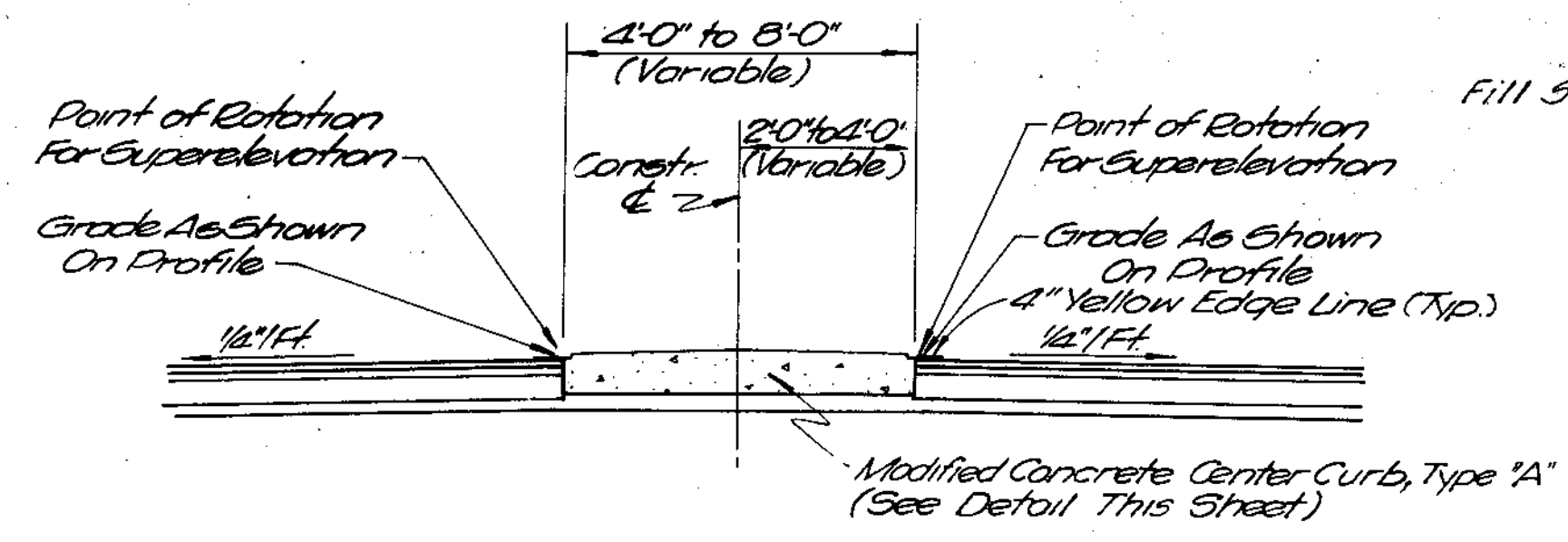
STA. 10+00 to STA. 19+20

**LOCAL SERVICE ROAD NO 3**

**TANGENT**  
STA. 93+75 to STA. 94+30  
STA. 104+25 to STA. 119+10  
STA. 128+85 to STA. 130+60

**SUPER**  
STA. 94+30 to STA. 104+25 (6'00")  
STA. 119+10 to STA. 128+85 (2'00")  
STA. 130+60 to STA. 144+95 (12'30")  
(9°05'32")

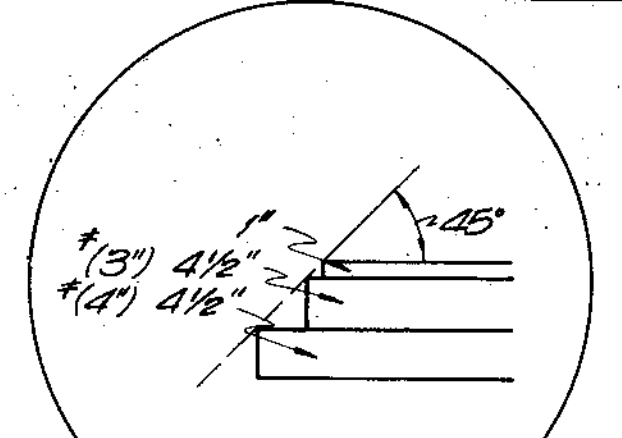
SCALE: 1/4" = 1'-0"



**CONCRETE MEDIAN LINE "S-SR1-A"**

Scale: 1/2" = 1'-0"

STA. 834+99 "PR-1" to STA. 835+94 "PR-1"  
STA. 848+46 "PR-1" to STA. 849+41 "PR-1"



**DETAIL "B"**  
Scale: 1" = 1'-0"

\* Local Service Road #2 A

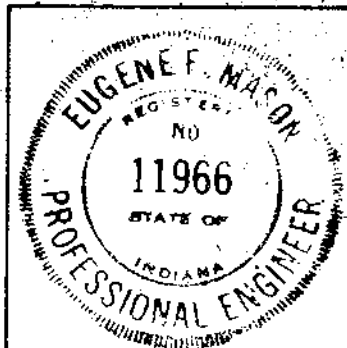
LINE	1988 ADT	2008 ADT	% COMM.	DESIGN SPEED
"S-SR1-A"	6,273	8,318	5	55
LOCAL SERVICE ROAD NO. 3	789	2,372	5	30

# TYPICAL CROSS SECTIONS

SCALE: AS SHOWN

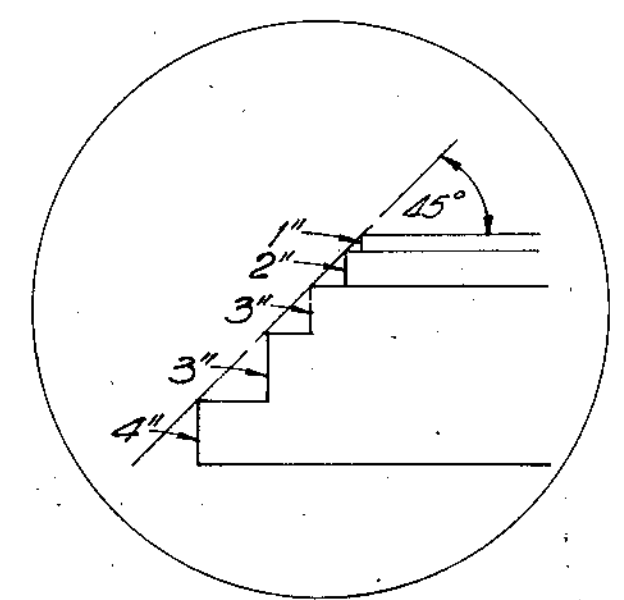
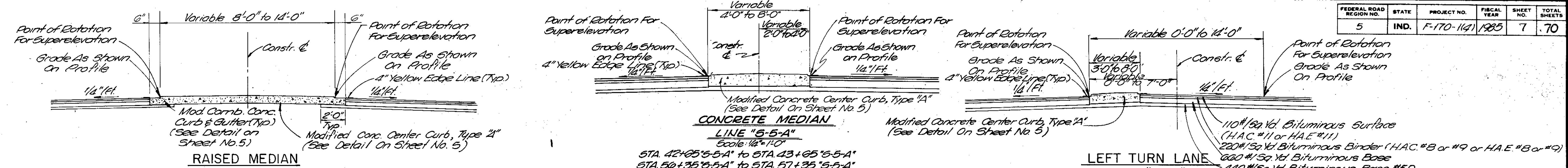
RECOMMENDED FOR APPROVAL 3-31-86

*Eugene F. Maxon*  
ENGINEER OF ROAD DESIGN

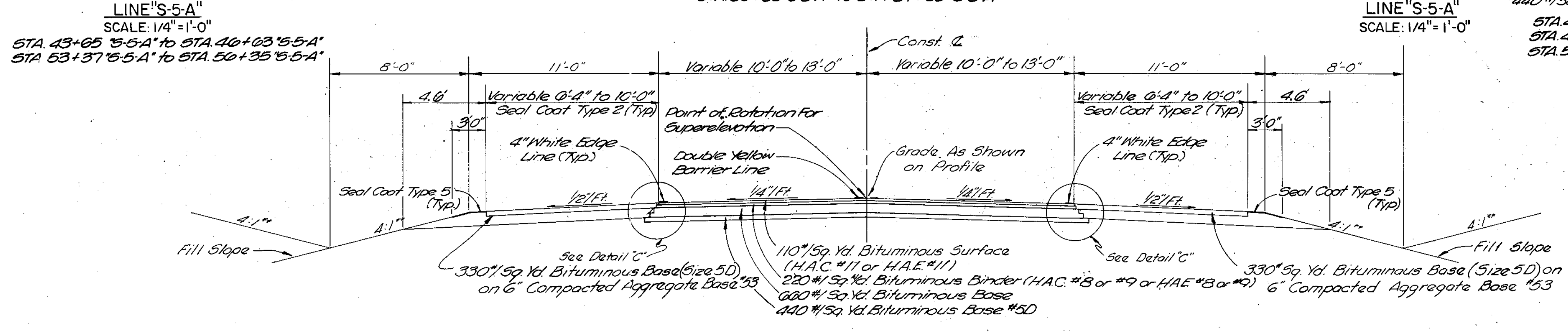


PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
F-170-1141		6	70	

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1141	1985	7	70

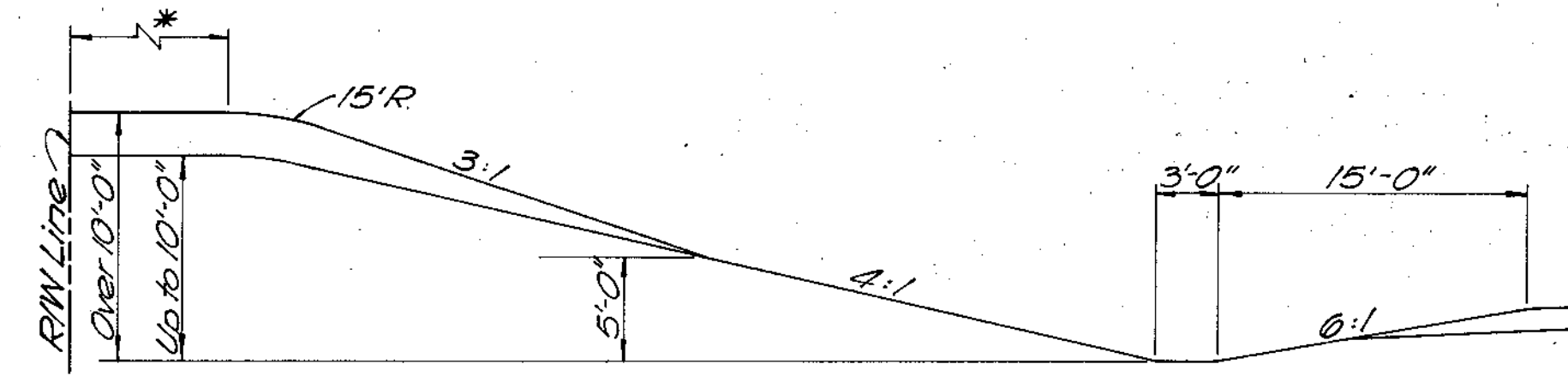


DETAIL "C"  
SCALE: 1"=1'-0"

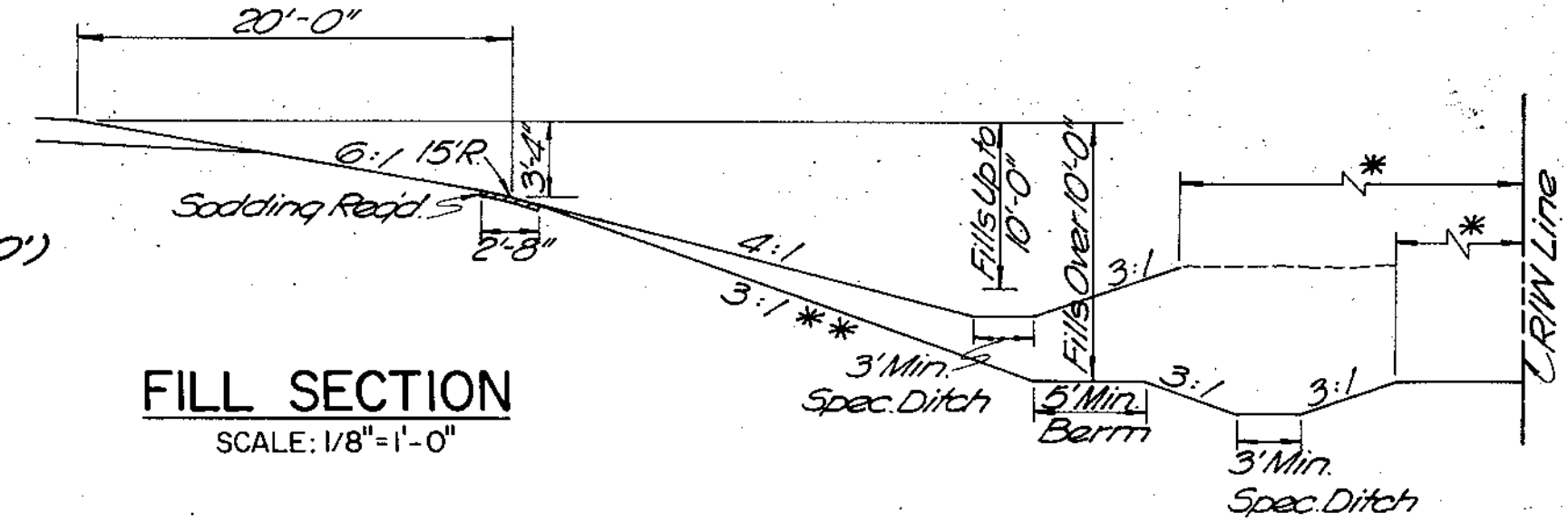


LINE "S-5-A" WINCHESTER ROAD

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

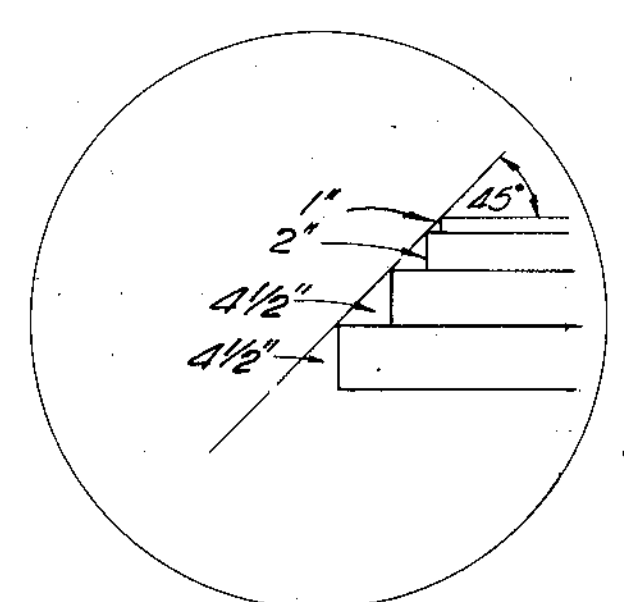


CUT SECTION  
SCALE: 1/8"=1'-0"

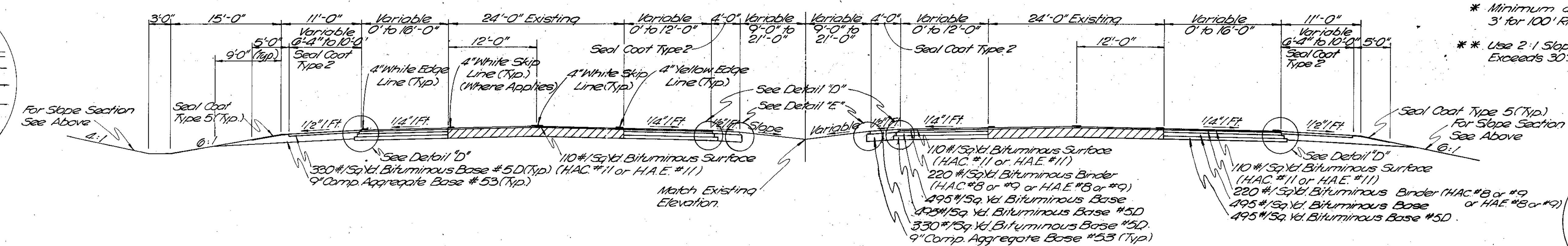


FILL SECTION  
SCALE: 1/8"=1'-0"

\*\* Slope May Be Reduced to 3:1 or 2:1 Where Shown on Cross Sections.



DETAIL "D"  
SCALE: 1"=1'-0"



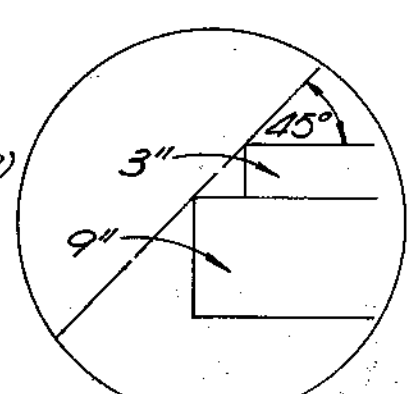
LINE "S-USR 27-A"

SCALE: 1/8"=1'-0"

STA. 714+50 'S-USR 27-A' to STA. 929+50 'S-USR 27-A'

LEGEND

- \* Minimum desirable Distance 3' for 100' R/W (200' Total)
- \*\* Use 2:1 Slope when Fill Height Exceeds 30'



DETAIL "E"  
SCALE: 1"=1'-0"

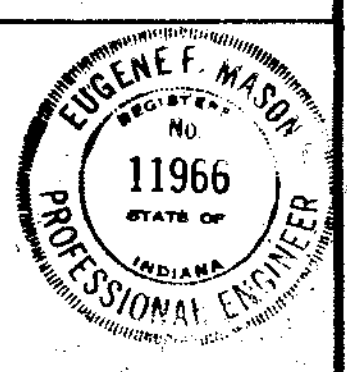
LINE	1988 ADT	2008 ADT	% COMM.	DESIGN SPEED
"S-5-A" WINCHESTER RD.	2,977	3,948	11	55
"S-USR 27-A"	12,662	16,792	14	55

TYPICAL CROSS SECTIONS

SCALE: AS SHOWN

RECOMMENDED FOR APPROVAL 3-31-86

*Eugene F. Mason*  
ENGINEER OF RECORD



PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
F-170-1141		7	70	



FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1(4)	1986	3	70

END F PROJECT 170-1(4)  
STA. 706+00.00 LINE "A"

SECTION 22

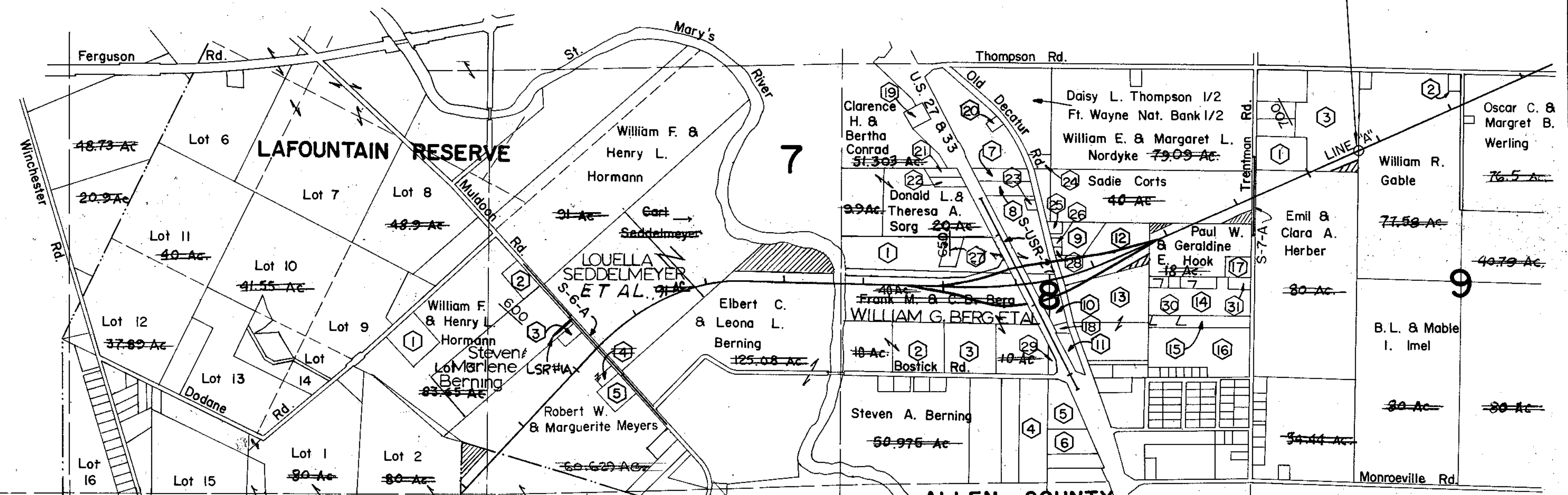
INDEX	OWNER	ACREAGE
1	Pleasant Twp. School	<del>1.14</del>
2	St. Alaystus Church & School	<del>6.3</del>
3	Diocese of Ft. Wayne - South Bend	<del>1.44</del>
	Herman & Jeanette Osterhoff	

SECTION 23

INDEX	OWNER	ACREAGE
1	Robert R. Hersha	<del>2.076</del>
2	Steven C. & Linda G. Spillers	<del>3.34</del>
3	Delbert P. Thiele, Elaine Gollmeyer, Carolyn Gollmeyer & Ronald J. Thiele	<del>24.659</del>
4	John D. & Sherry C. Henry	<del>16.238</del>
5	James & Coleen R. Rogers	<del>5.00</del>
6	Vernon E. & Dorothy A. Lahrman	<del>1.00</del>
7	Violet G. King	<del>0.80</del>
8	Dennis K. & Kay S. Buckmaster	<del>0.795</del>
9	St. Marks Lutheran Church, Inc.	<del>0.012</del>
10	Donald L. & Tonna S. Thiele	<del>1.00</del>
11	Donald L. & Tonna S. Thiele	<del>1.19</del>

SECTION 21

INDEX	OWNER	ACREAGE
1	Waldo & Therisia J. Stevens	<del>2.12</del>
2	Raymund F. & Juanita A. Mattes	<del>9.96</del>
3	Raymond W. & Marilyn R. Sorg	<del>8.6</del>
4	Jacob J. & Alice M. Harber	<del>9</del>



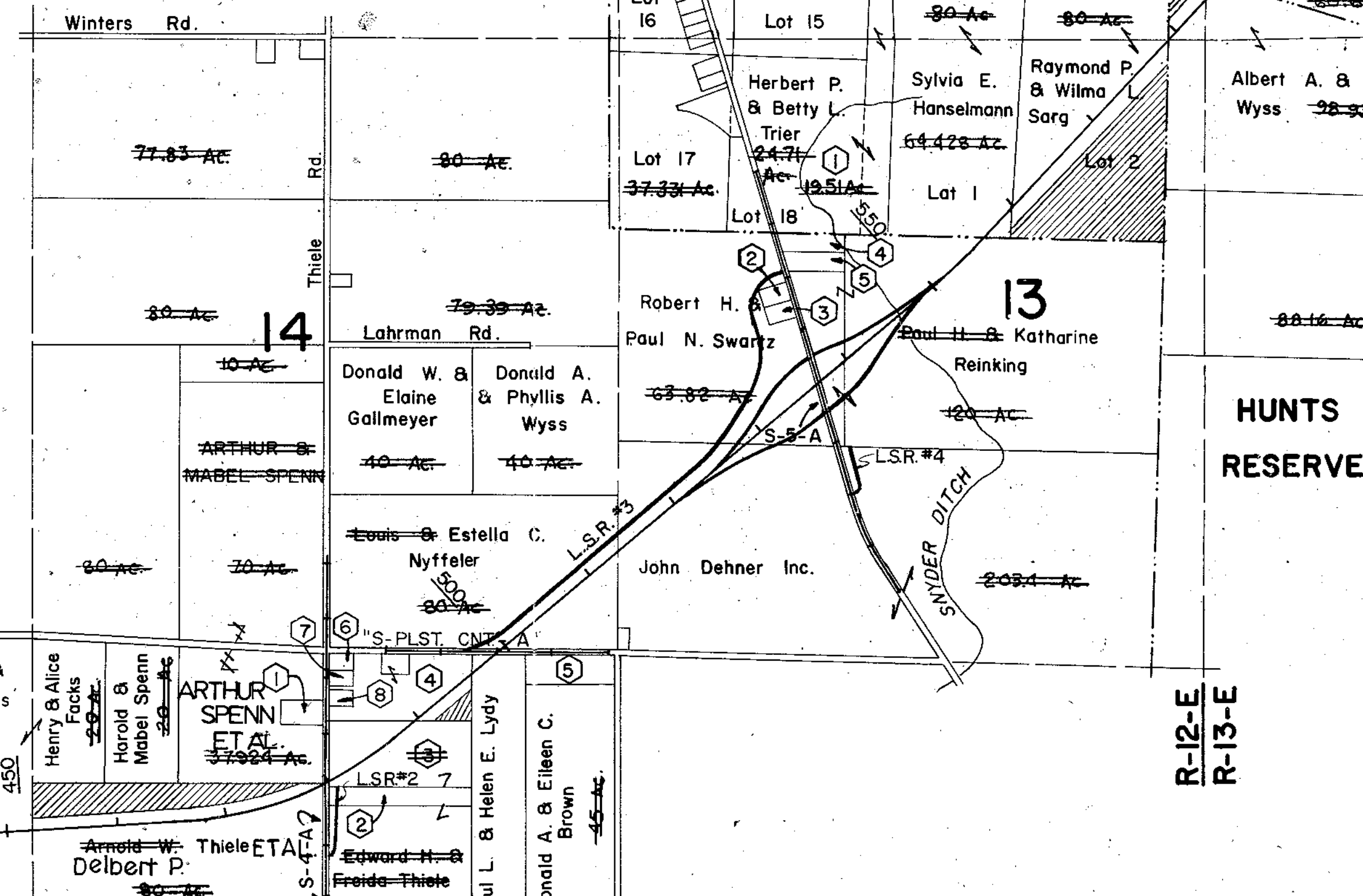
SECTION 8 (cont.)

INDEX	OWNER	ACREAGE
19	N. Ind. Public Service Co.	<del>1.306</del>
20	Marvin F. & Catherine A. Conrad	<del>6.50</del>
21	Charles R. & Shirley A. Northcutt	<del>1.00</del>
22	Norbert J. & Anna S. Minick	<del>1.00</del>
23	N. Pauline Porter	<del>0.532</del>
24	Dodo Harvey	<del>1.00</del>
25	Eugene G. & Theresa M. Delinger	<del>0.74</del>
26	Donald E. & Charlotte P. Litchfield	<del>0.43</del>
27	Edward F. & Judith A. Schmidt	<del>2.00</del>
28	Edward W. & Grace C. Sitko	<del>0.33</del>
29	William G. Berg	<del>1.00</del>
30	Michale P. & Cynthia L. O'Laughlin	<del>0.516</del>
31	Robert F. & John M. Hartwig	<del>1.085</del>

SECTION 8

INDEX	OWNER	ACREAGE
1	Sylvester & Esther E. Schmidt	<del>33.025</del>
2	Harriet J. Freistroffer	<del>10.0</del>
3	Blanche J. Herber	<del>10.0</del>
4	Harry W. & Mary A. Hoffer	<del>10.0</del>
5	Geraldine W. Bahner (Tr.)	<del>4.90</del>
6	Urban W. & Loretta Sorg	<del>7.32</del>
7	Donald L. & Therese A. Sorg	<del>2.699</del>
8	Donald L. & Therese A. Sorg	<del>2.77</del>
9	Paul W. & Marilyn L. Fields	<del>1.0</del>
10	Clayton J. & Paul A. White	<del>2.71</del>
11	Gary R. & Barbara J. Frank M. Berg	<del>4.03</del>
12	Melvin D. & Mary E. Day	<del>14.94</del>
13	Harold J. & Viola E. Kessens	<del>13.63</del>
14	Lloyd R. Sr. & Mary Ruth & Lloyd R. Schuler Jr.	<del>10.54</del>
15	Lloyd R. Schuler	<del>16.00</del>
16	Paul W. & Geraldine E. Hook	<del>17.40</del>
17	Bruce E. & Paulana Wisman	<del>0.0</del>
18	Patrick S. & Gloria J. Minnick	<del>0.75</del>

BEGIN F PROJECT 170-1(4)  
STA. 360+09.09 LINE "A"



SECTION 13

INDEX	OWNER	ACREAGE
1	Sylvia E. Hanselmann	<del>19.9</del>
2	Robert H. Swartz Et Ux.	<del>1.0</del>
3	Paul H. Swartz Et Ux.	<del>1.0</del>
4	Jack L. & Betty L. Baker	<del>2.60</del>
5	Lawrence & Annette Kapp Jean M. Wise	<del>2.37</del>

LAFOUNTAIN RESERVE

INDEX	OWNER	ACREAGE
1	Richard H. & Geraldine E. Schwarz	<del>8.0</del>
2	James D. & Willie M. Biddle	<del>2.50</del>
3	Thomas L. & Karen S. Meyers	<del>1.0</del>
4	Ward A. & Vanessa L. Scott	<del>1.0</del>
5	Thomas E. & Barbara E. Muldoon	<del>3.0</del>

SECTION 9

INDEX	OWNER	ACREAGE
1	Irene Rice	<del>6.47</del>
2	Roy M. & Donna J. Elwood	<del>8.0</del>
3	Robert E. & Maryetta E. Shive	<del>2.68</del>

ALLEN COUNTY  
PLEASANT TWP.

LANDLOCKED PROPERTY

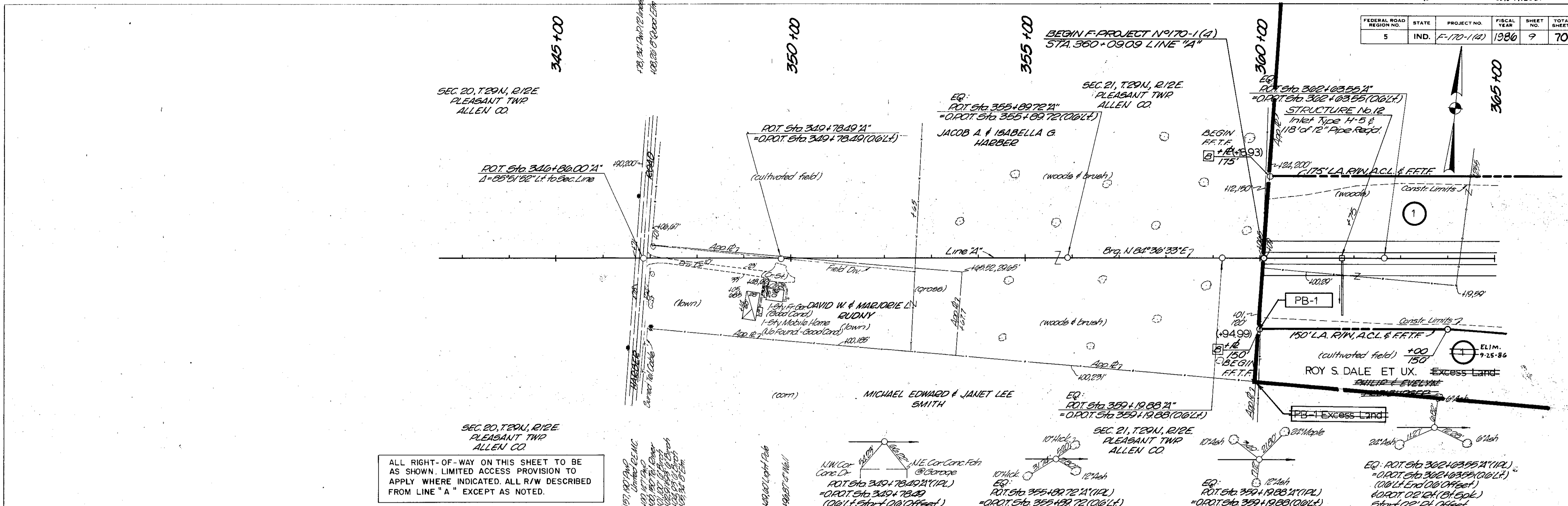
PLAT # 1  
FOR DESIGN DEPT.  
Scale 1"=1000'

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
F-170-1(4)		3	70	

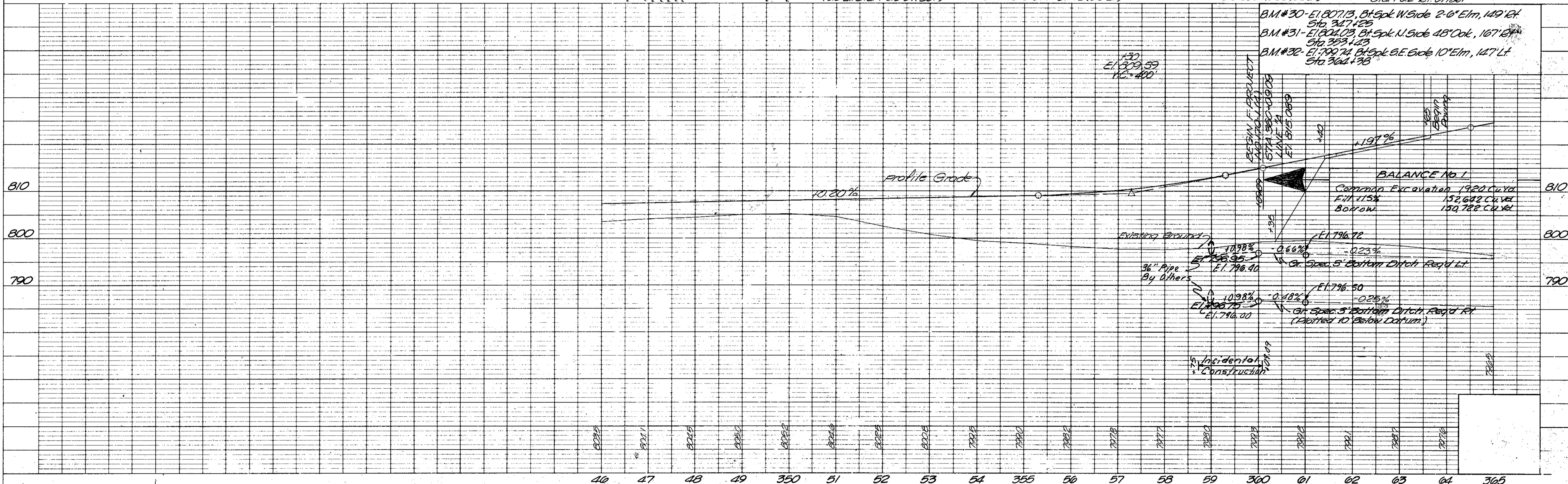
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1(4)	1986	9	70

**PLAN**  
 SURVEYED BY: M.E. HALL  
 PLOTTED BY: J.L.E.  
 DATE: 7-87  
 NOTE BOOK ALIGNMENT CHECKED: [ ]  
 NO. [ ]  
 NOTE BOOK STRUCTURE NOTATIONS CHECKED: [ ]  
 NO. [ ]

**PROFILE**  
 SURVEYED BY: M.E. HALL  
 PLOTTED BY: J.L.E.  
 DATE: 7-87  
 NOTE BOOK GRADE CHECKED: [ ]  
 NO. [ ]  
 NOTE BOOK STRUCTURE NOTATIONS CHECKED: [ ]  
 NO. [ ]



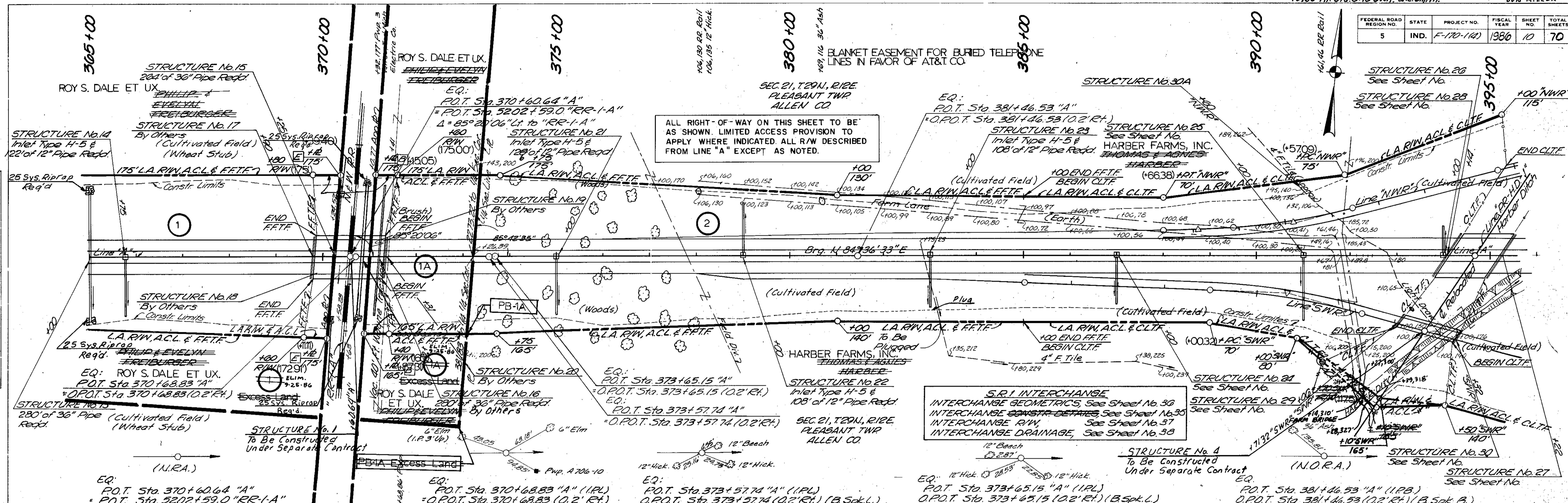
ALL RIGHT-OF-WAY ON THIS SHEET TO BE AS SHOWN. LIMITED ACCESS PROVISION TO APPLY WHERE INDICATED. ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS NOTED.



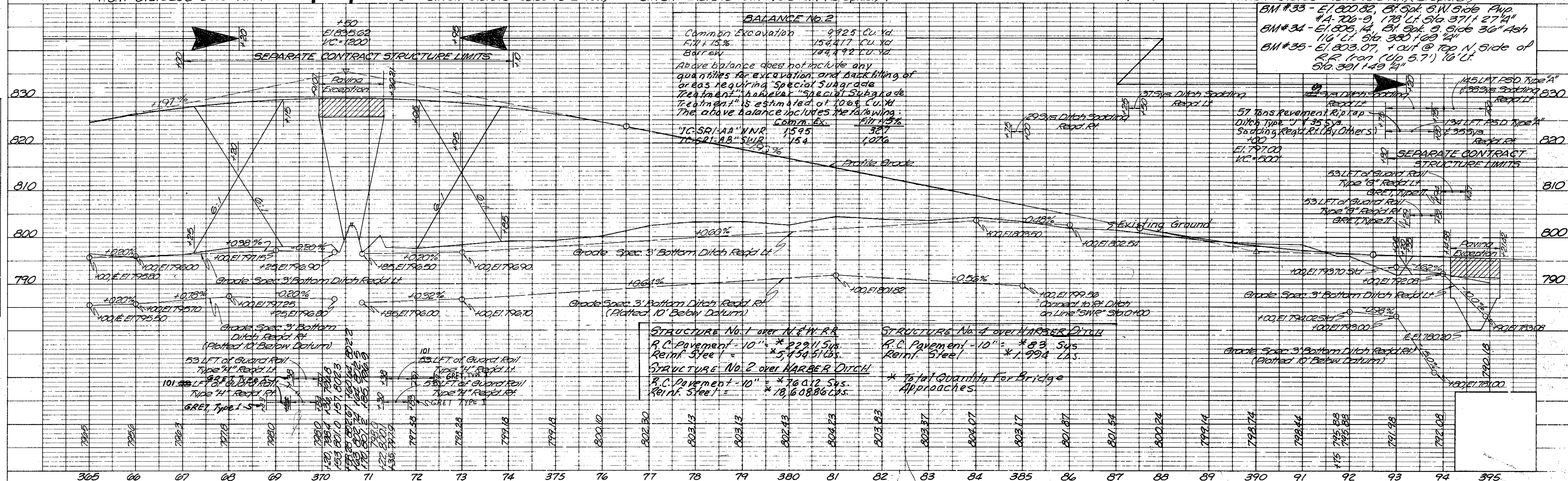
PROJECT NO.	LINE NO.	SHEET NO.	TOTAL SHEETS
F-170-1(4)	21	9	70

FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1(A)	1986	10	70

PLAN  
 SHEETED BY: W.E.S.C. 1/18/81  
 CHECKED BY: W.E.S.C.  
 NOTE BOOK NO. 11301  
 GRADE CHECKED BY: W.E.S.C.  
 STRUCTURE NOTATIONS CHECKED BY: W.E.S.C.



PROFILE  
 SHEETED BY: W.E.S.C. 1/18/81  
 CHECKED BY: W.E.S.C.  
 NOTE BOOK NO. 11301  
 GRADE CHECKED BY: W.E.S.C.  
 STRUCTURE NOTATIONS CHECKED BY: W.E.S.C.



**BALANCE No. 2**

Common Excavation	9,925 Cu. Yd.
Fill @ 75%	15,417 Cu. Yd.
Barrow	184,422 Cu. Yd.

Above balance does not include any quantities for excavation and backfilling of areas requiring "Special Subgrade Treatment" or "Special Subgrade Treatment" is estimated at 1,000 Cu. Yd. The above balance includes the following:

10' SRI-1A "NWR"	1595	327
10' SRI-1B "SWR"	154	1076

**STRUCTURE No. 1 over N.E.W. RR**  
 R.C. Pavement - 10" \* 22911 Sps.  
 Reinf. Steel \* 5,154.51 lbs.

**STRUCTURE No. 2 over HARBER DITCH**  
 R.C. Pavement - 10" \* 76012 Sps.  
 Reinf. Steel \* 10,608.06 lbs.

**STRUCTURE No. 4 over HARBER DITCH**  
 R.C. Pavement - 10" \* 83,545 Sps.  
 Reinf. Steel \* 1,994 Lbs.

\* Total Quantity for Bridge Approaches.

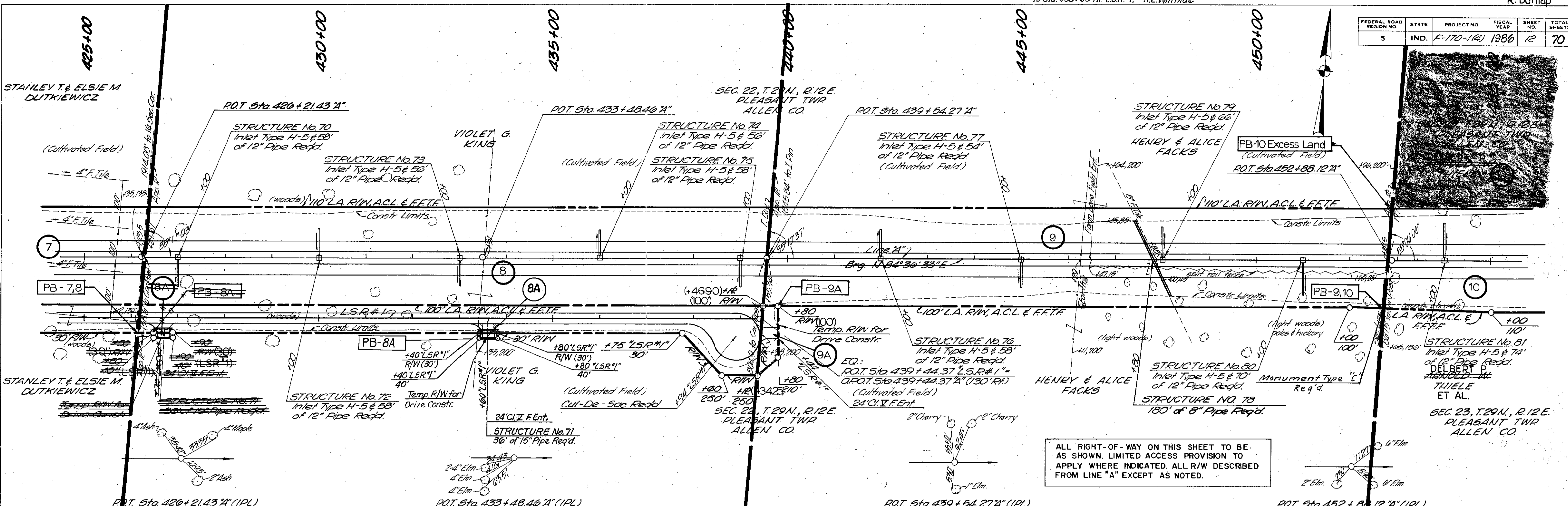
PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS
F-170-1(A)	1A	10	70



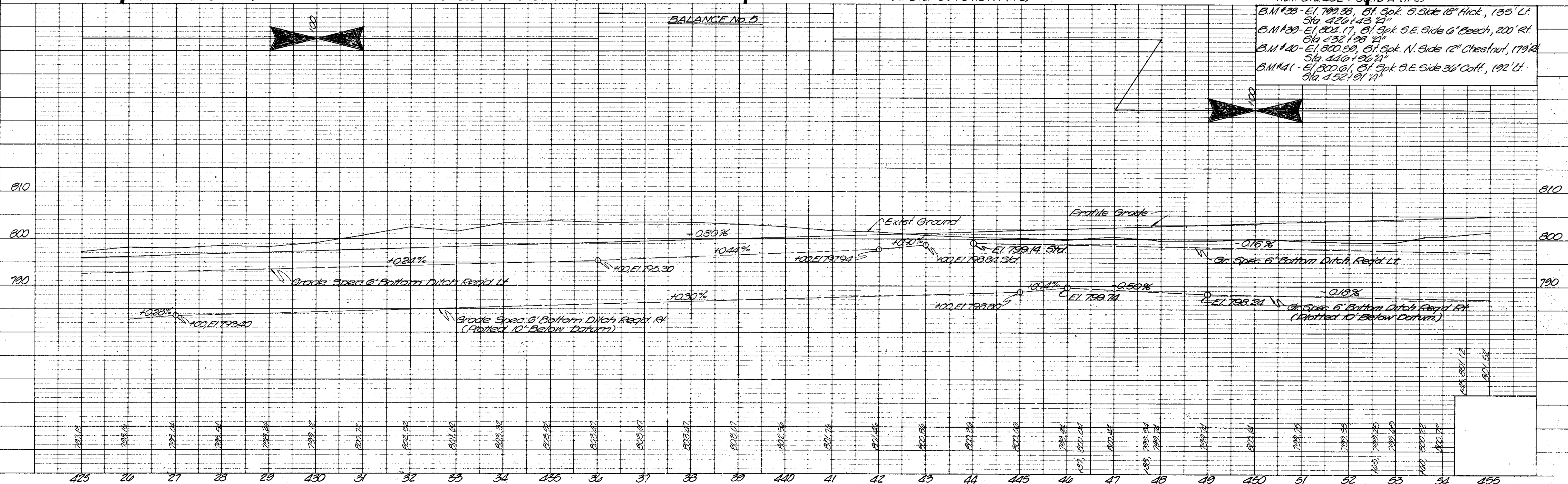
Rev. 9-16-86 Move Field Entr. from Sta 426+70 R.L. "L.S.R." to Sta. 433+60 R.L. "L.S.R." R.L. Willhide

REV. 1-28-81 UPDATE R/W PLAN, M.E. HAY  
Rev. 7-30-86 Name Change, Parcel 10, R. Dunlap

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-140	1986	12	70



ALL RIGHT-OF-WAY ON THIS SHEET TO BE AS SHOWN. LIMITED ACCESS PROVISION TO APPLY WHERE INDICATED. ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS NOTED.



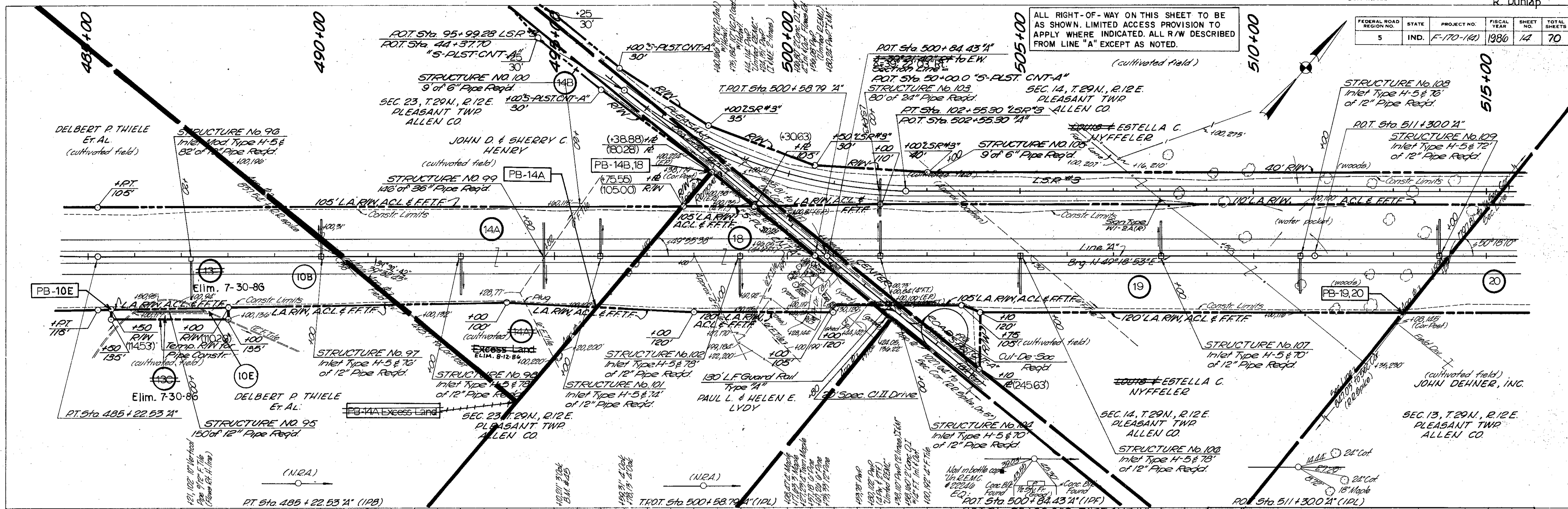
PLAN SHEET NO. 12 OF 70  
DATE 10/10/86  
BY J. J. KIRBY

PROFILE SHEET NO. 12 OF 70  
DATE 10/10/86  
BY J. J. KIRBY



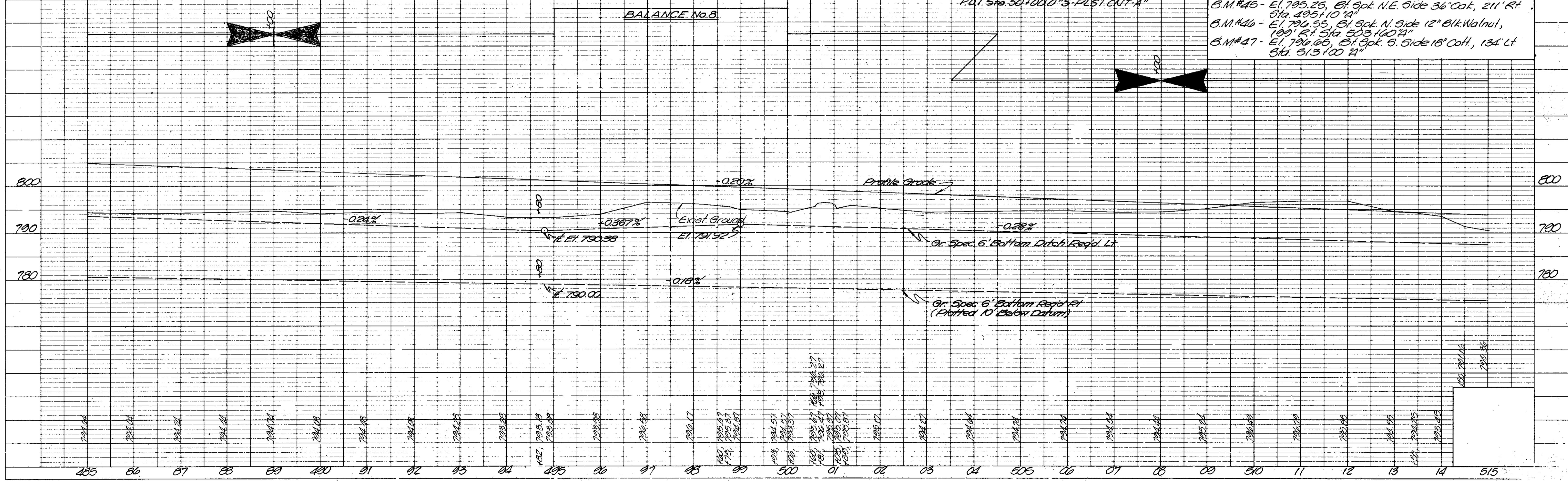
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-14A	1986	14	70

ALL RIGHT-OF-WAY ON THIS SHEET TO BE AS SHOWN. LIMITED ACCESS PROVISION TO APPLY WHERE INDICATED. ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS NOTED.



**PLAN**  
 DRAWING BY: J.B.C. / J. Kennedy  
 CHECKED BY: J.B.C. / J. Kennedy  
 DATE: 10/86  
 NO. 14

**PROFILE**  
 DRAWING BY: J.B.C. / J. Kennedy  
 CHECKED BY: J.B.C. / J. Kennedy  
 DATE: 10/86  
 NO. 14



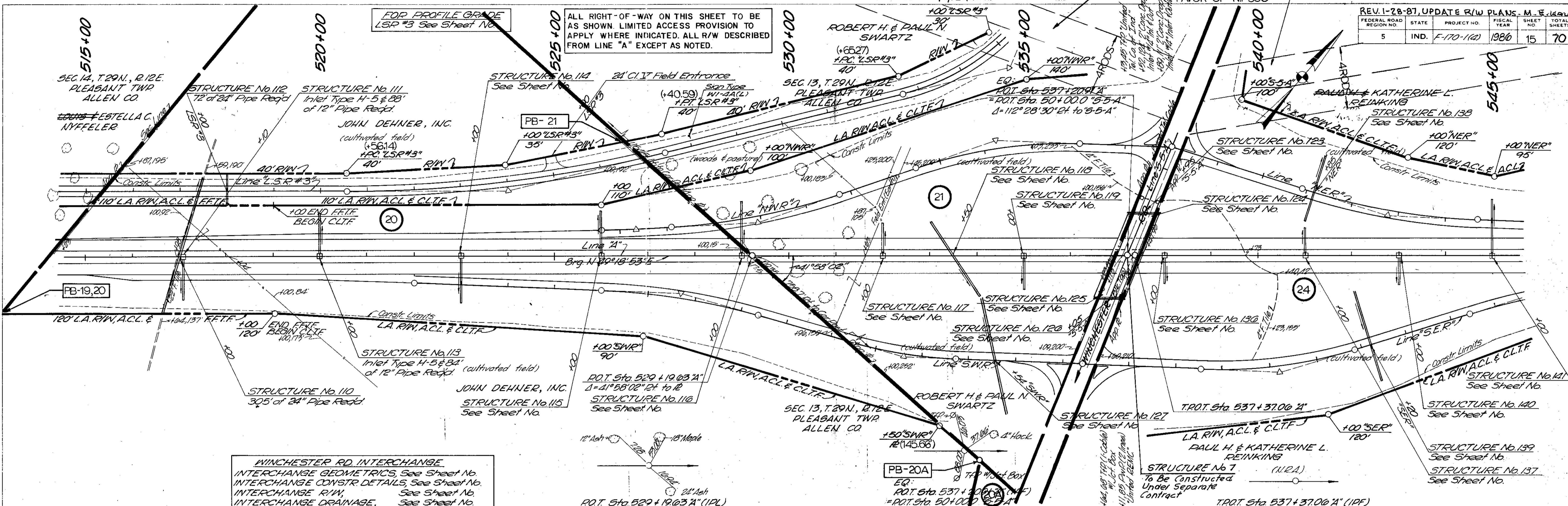
B.M.#45 - El. 795.25, 61' Spk. N.E. Side 36' Oak, 211' Rt. Sta. 495+10.24"  
 B.M.#46 - El. 790.55, 61' Spk. N. Side 12" Blk Walnut, 100' Rt. Sta. 503+40.24"  
 B.M.#47 - El. 790.00, 21' Spk. S. Side 18" Oak, 134' Lt. Sta. 513+00.24"

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS
F-170-14A	14A	14	70

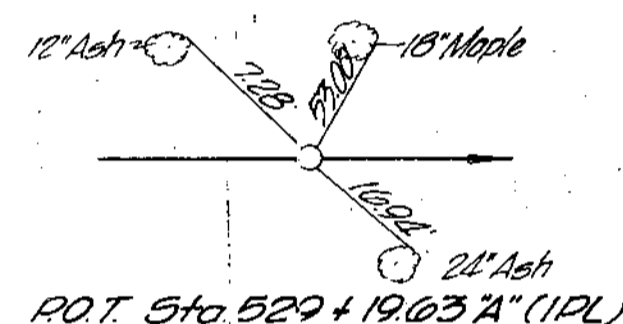
FEDERAL ROAD REGION NO	STATE	PROJECT NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
5	IND.	F-170-1(A)	1986	15	70

FOR PROFILE GRADE LSR #3 See Sheet No.

ALL RIGHT-OF-WAY ON THIS SHEET TO BE AS SHOWN. LIMITED ACCESS PROVISION TO APPLY WHERE INDICATED. ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS NOTED.

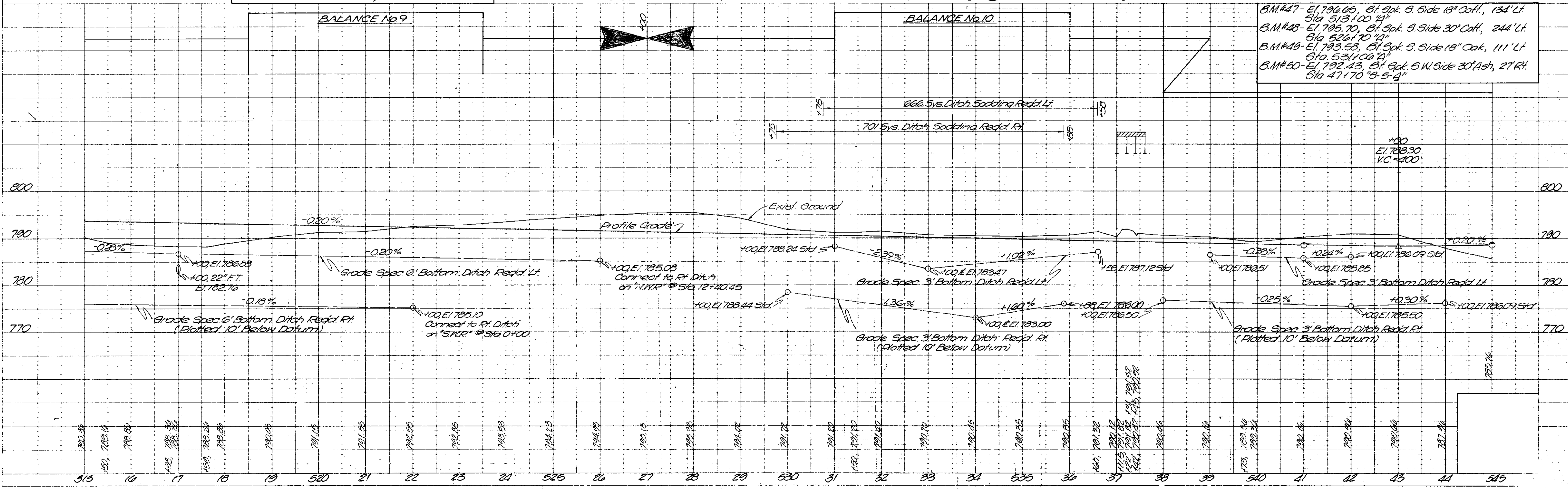


**WINCHESTER RD. INTERCHANGE**  
 INTERCHANGE GEOMETRICS, See Sheet No.  
 INTERCHANGE CONSTR DETAILS, See Sheet No.  
 INTERCHANGE R/W, See Sheet No.  
 INTERCHANGE DRAINAGE, See Sheet No.



PLAN SURVEYED, PLOTTED, & CHECKED BY J.S.H.C. 10/86

PROFILE SURVEYED, PLOTTED, & CHECKED BY J.S.H.C. 10/86



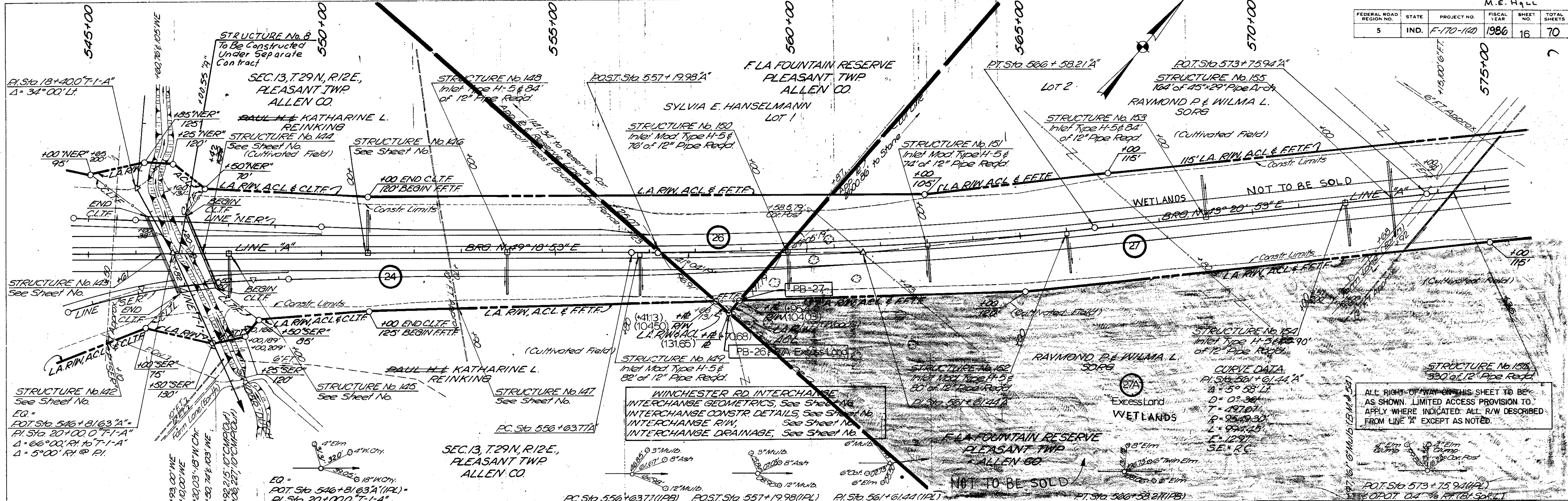
B.M.#	Elevation	Side	Height	Notes
B.M.#47	El. 790.05	8' Spk. S. Side	18" Coff.	134' Lt.
B.M.#48	El. 795.70	8' Spk. S. Side	30" Coff.	244' Lt.
B.M.#49	El. 793.53	8' Spk. S. Side	18" Oak	111' Lt.
B.M.#50	El. 792.43	8' Spk. S.W. Side	30" Ash	27' Rt.

PROJECT NO	LINE	SHEET NO	TOTAL SHEETS
F-170-1(A)	A	15	70

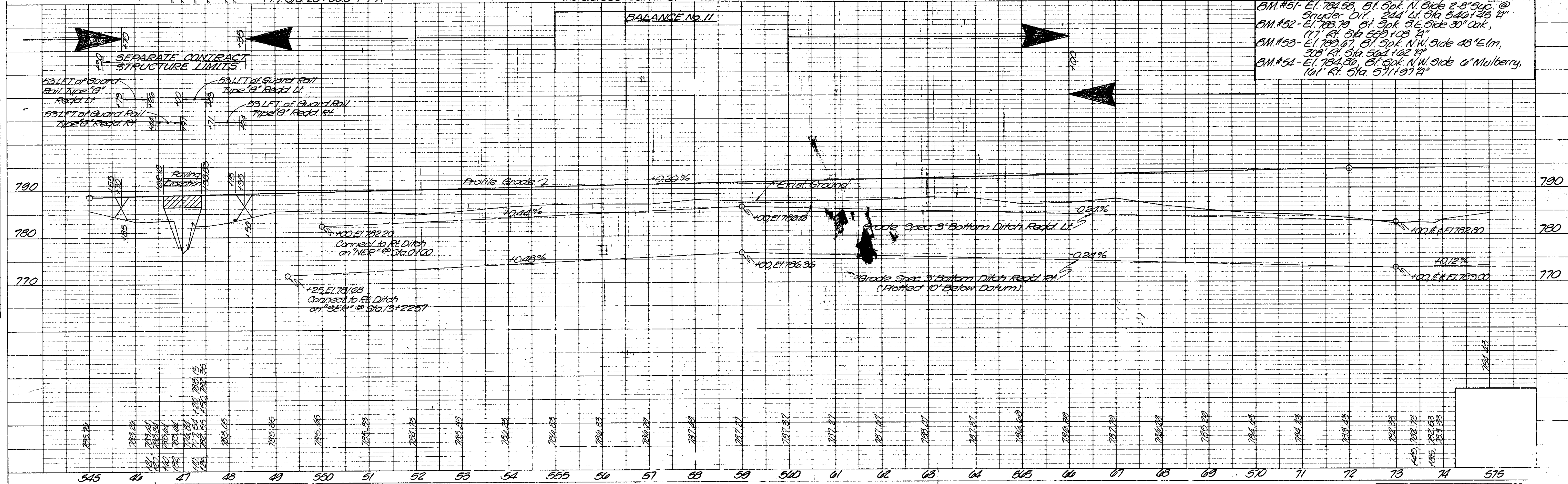


REV 4/20/93 ADDED NOTE CONCERNING "WETLAND" ON PAR. 27 A. M. E. HALL  
 REV 4-22-93 ADDED NOTE CONCERNING "WETLANDS" ON PAR. 27 M. E. HALL  
 REV 10-29-86 NAME CHANGED ON PARCEL 24 R. X. GRINER  
 REV 1-28-87 UPDATE R/W PLANS. M. E. HALL

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-140	1986	16	70



ALL RIGHT-OF-WAY ON THIS SHEET TO BE AS SHOWN. LIMITED ACCESS PROVISION TO APPLY WHERE INDICATED. ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS NOTED.



PROJECT NO.	LINE	SHEET	TOTAL SHEETS
F-170-140	24	16	70

PLAN  
 DATE: 10/2/87  
 BY: S.H.C. / S. R. H. / S. R. H.  
 CHECKED: M. E. HALL  
 NOTE: BOOK ALIGNMENT CHECKED  
 NO. 100/200' OF WAY CHECKED

PROFILE  
 DATE: 10/2/87  
 BY: S.H.C. / S. R. H. / S. R. H.  
 CHECKED: M. E. HALL  
 NOTE: GRADE CHECKED  
 B. M. 1 NOTE  
 NO. STRUCTURE INDICATIONS CHECKED

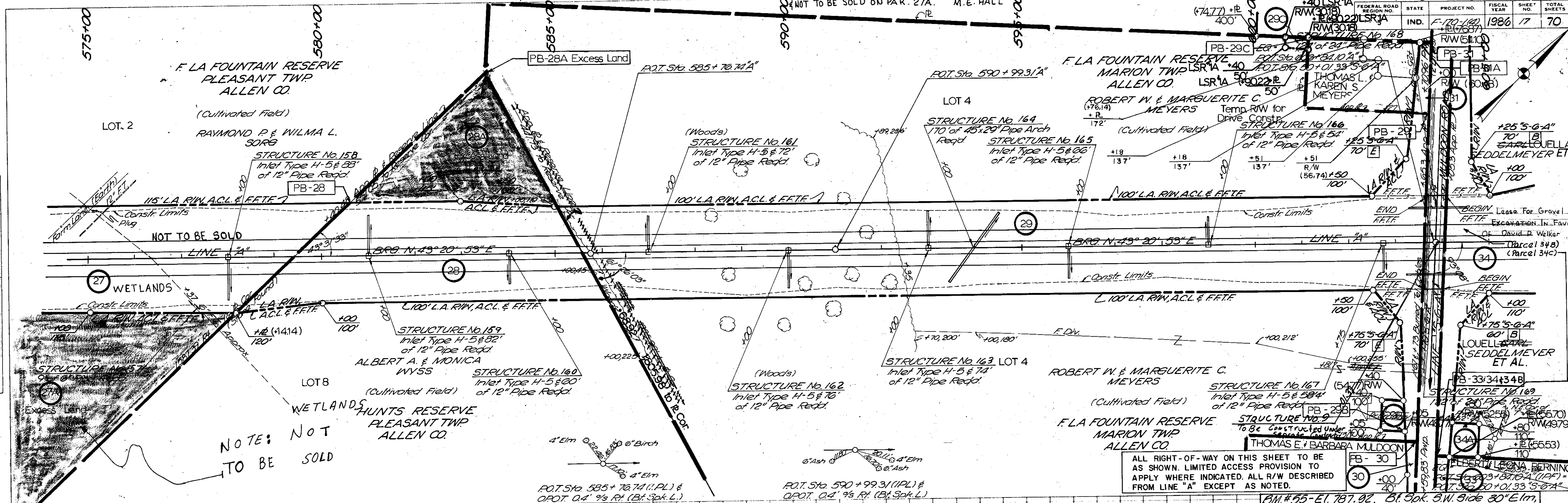
REV. 3-30-87 CHANGE TEMP. R/W D. LAUER  
 REV. 2-4-87 Added Lease Note To Parcel 34 R. DUNLAP  
 Rev. Eliminated R (Sta. 52+81.7 Rt Line S-6-A) per T.I.E. Report  
 Rev. Relocated R (Sta. 95+88.22 to +689.2 Line A) per Calculations 4/23/86  
 Rev. Relocated Drive from Sta. 46+62 Rt. (Line S-6-A) to Sta. 10+80 Lt. (Line LSR-1A) per Letter dated 1/15/85  
 Rev. Added Drive & Temp. R/W, Sta. 13+15 Lt. (Line LSR-1A) per Letter dated 1/15/85

REV. 4-22-83 ADDED NOTE CONCERNING "WETLANDS"  
 NOT TO BE SOLD ON PAR. 27. M.E. HALL

REV. 4-20-83 ADDED NOTE CONCERNING "WETLANDS"  
 NOT TO BE SOLD ON PAR. 27A. M.E. HALL

(Sebree, Craig & McKnight Inc. 1/3/86)

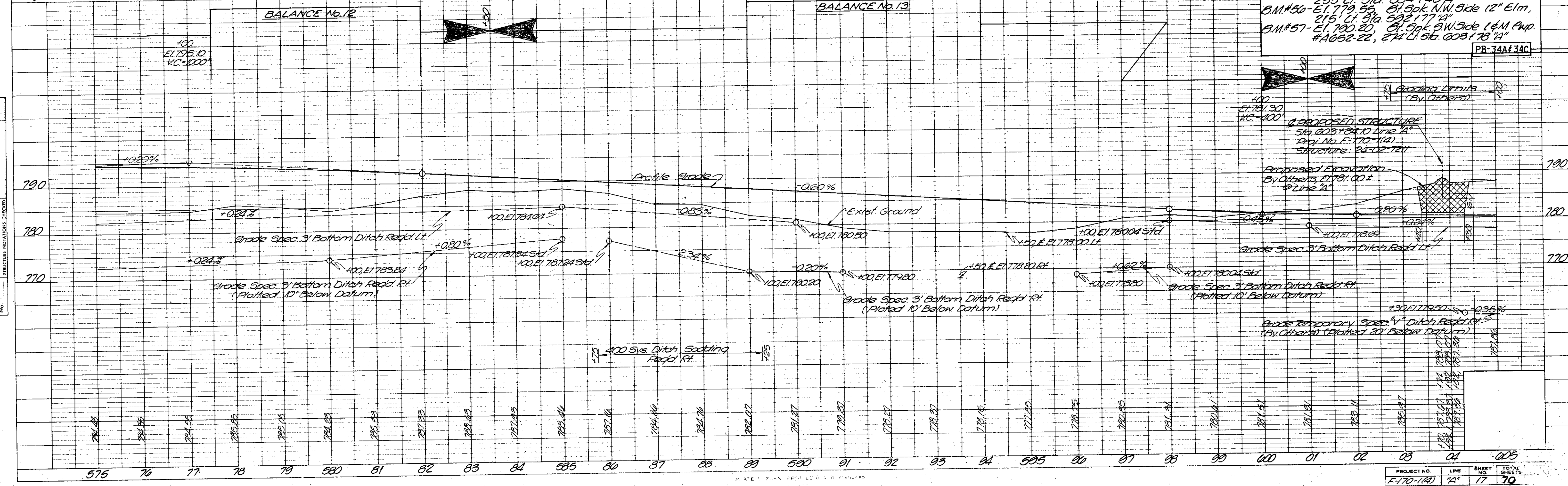
FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
E-170-140	IND.		1986	17	70



PLAN  
 DRAWN BY: J.S.A.C. BY: J. Kennedy  
 CHECKED BY: S. Adams  
 DATE: 10/7/80  
 NOTE: NOT TO BE SOLD

ALL RIGHT-OF-WAY ON THIS SHEET TO BE AS SHOWN. LIMITED ACCESS PROVISION TO APPLY WHERE INDICATED. ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS NOTED.

BM #55 - El. 787.02  
 BM #56 - El. 779.56  
 BM #57 - El. 790.20

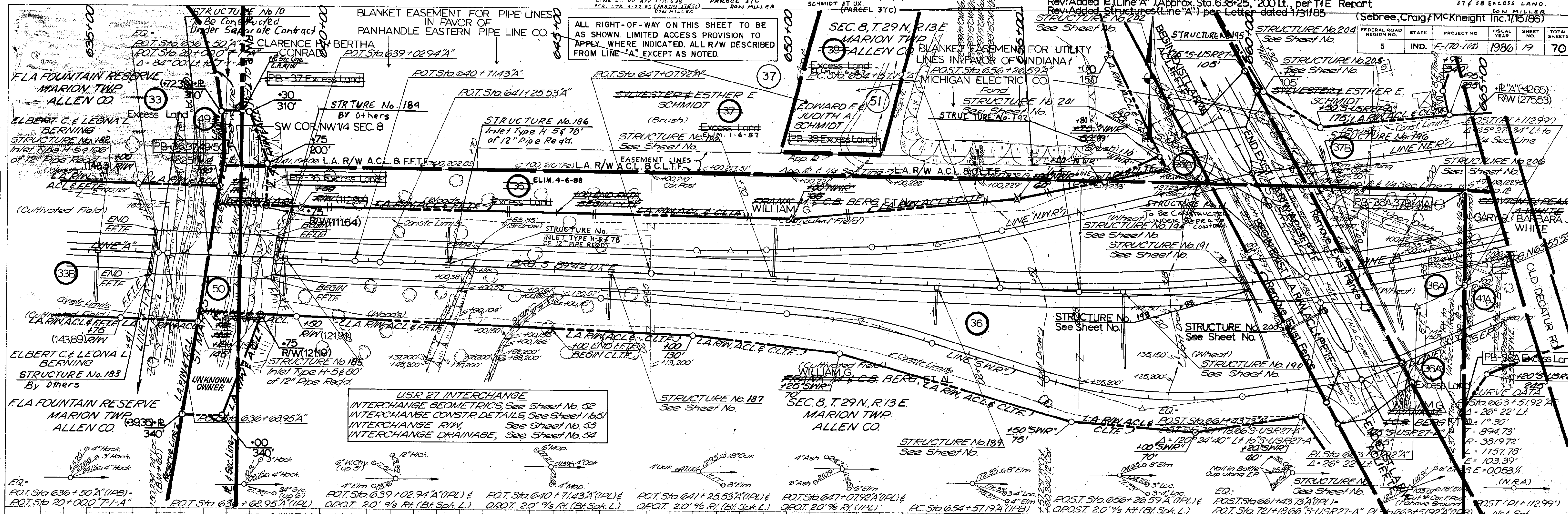


PROFILE  
 DRAWN BY: J.S.A.C. BY: J. Kennedy  
 CHECKED BY: S. Adams  
 DATE: 10/7/80  
 NOTE: NOT TO BE SOLD

PROJECT NO.	LINE	SHEET	TOTAL SHEETS
E-170-140	2A	17	70

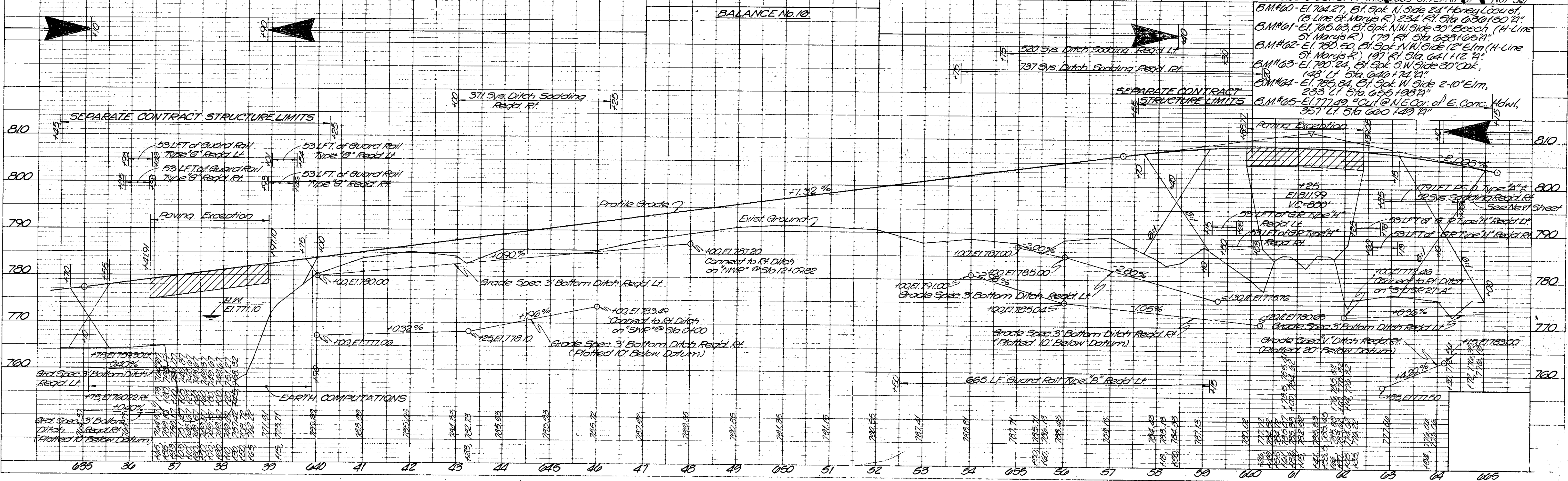


FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-160	1986	19	70



**PLAN**  
 NOTE BOOK POSITION CHECKED  
 No. 422/87 BY M. W. HICK

**PROFILE**  
 NOTE BOOK POSITION CHECKED  
 No. 422/87 BY M. W. HICK





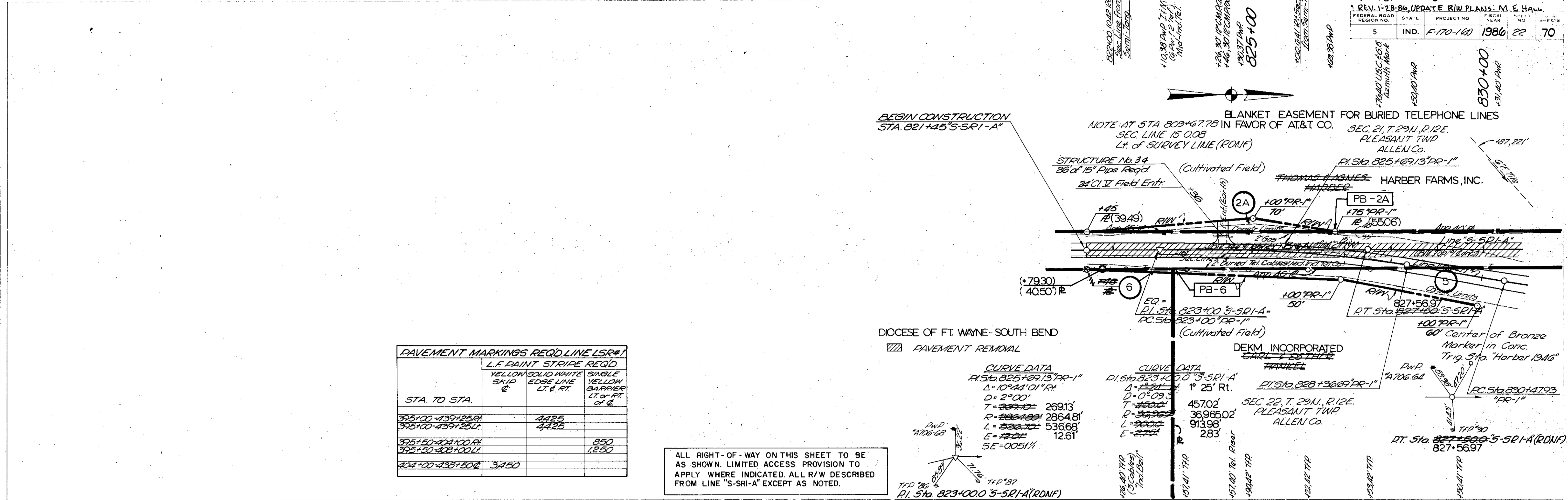


REV. 1-28-86, UPDATE R/W PLANS - M. E. Hall

FEDERAL ROAD DISTRICT	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-142	1986	22	70

**PLAN**  
 LAYOUTS  
 NOTED  
 POINTS  
 ALIGNED  
 CHECKED  
 BY: M.E. Hall  
 DATE: 5/23/85

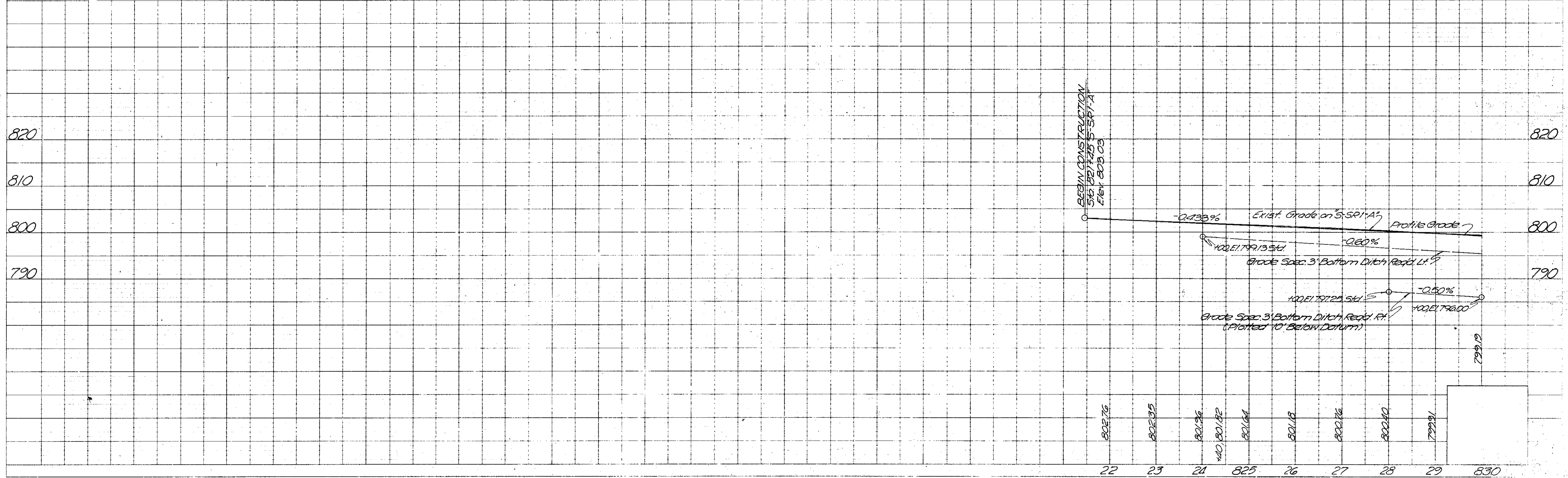
**PROFILE**  
 LAYOUTS  
 NOTED  
 GRADES  
 CHECKED  
 BY: M.E. Hall  
 DATE: 5/23/85



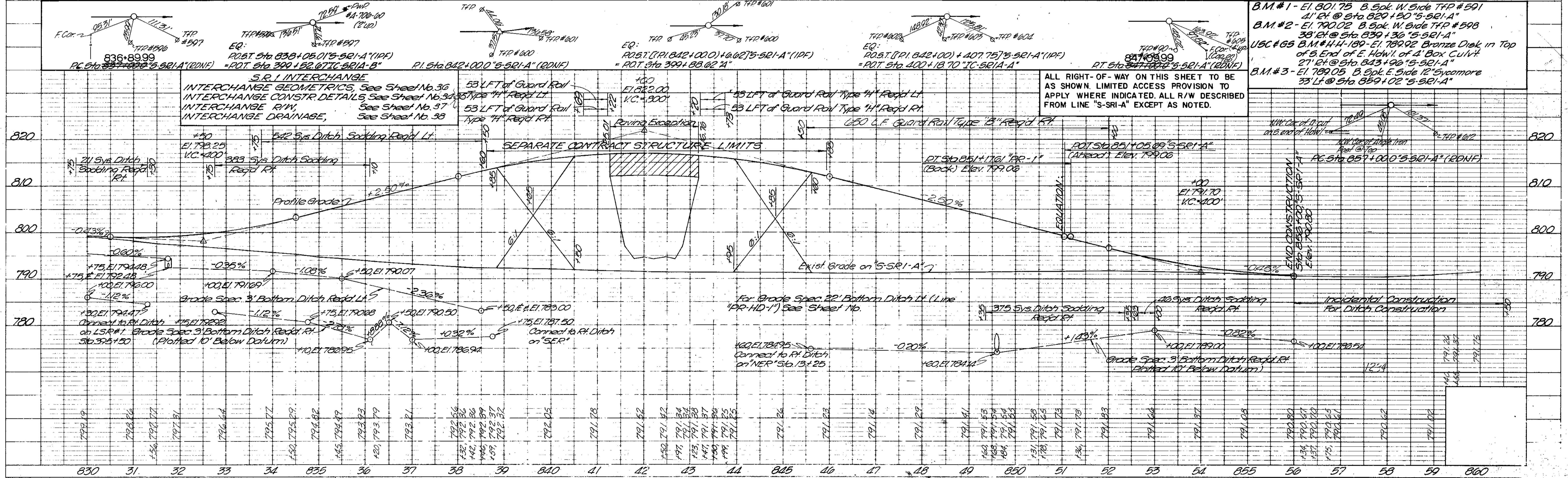
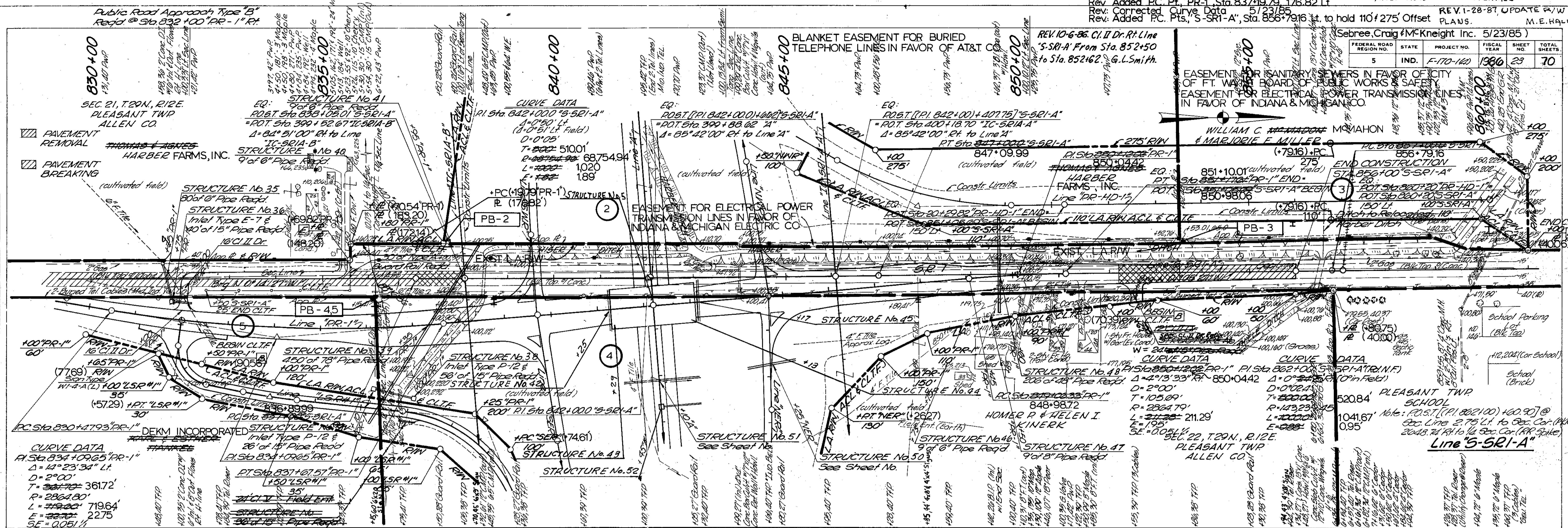
PAVEMENT MARKINGS REQ'D LINE LSR#1

STA. TO STA.	L.F. PAINT STRIPE REQ'D		
	YELLOW SKID &	SOLID WHITE EDGE LINE LT & RT.	SINGLE YELLOW CENTER LINE LT & RT. of &
825+00-829+25R		4425	
825+00-829+25L		4425	
825+50-827+00R			850
825+50-827+00L			1250
827+00-828+50R	3450		
827+00-828+50L			

ALL RIGHT-OF-WAY ON THIS SHEET TO BE AS SHOWN. LIMITED ACCESS PROVISION TO APPLY WHERE INDICATED. ALL R/W DESCRIBED FROM LINE "S-SR1-A" EXCEPT AS NOTED.



FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-162	1986	23	70



PLAN  
NOTE BOOK  
ALIGNMENT CHECKED  
NO. 10  
DATE 10/2/85  
BY J.E.H.

PROFILE  
NOTE BOOK  
GRADES CHECKED  
NO. 10  
DATE 10/2/85  
BY J.E.H.

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS
F-170-162	S-SR1-A	23	70

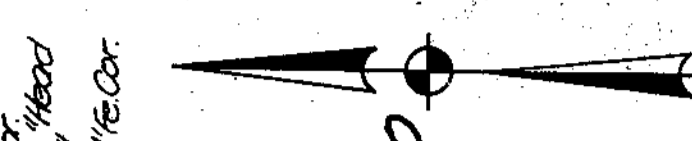
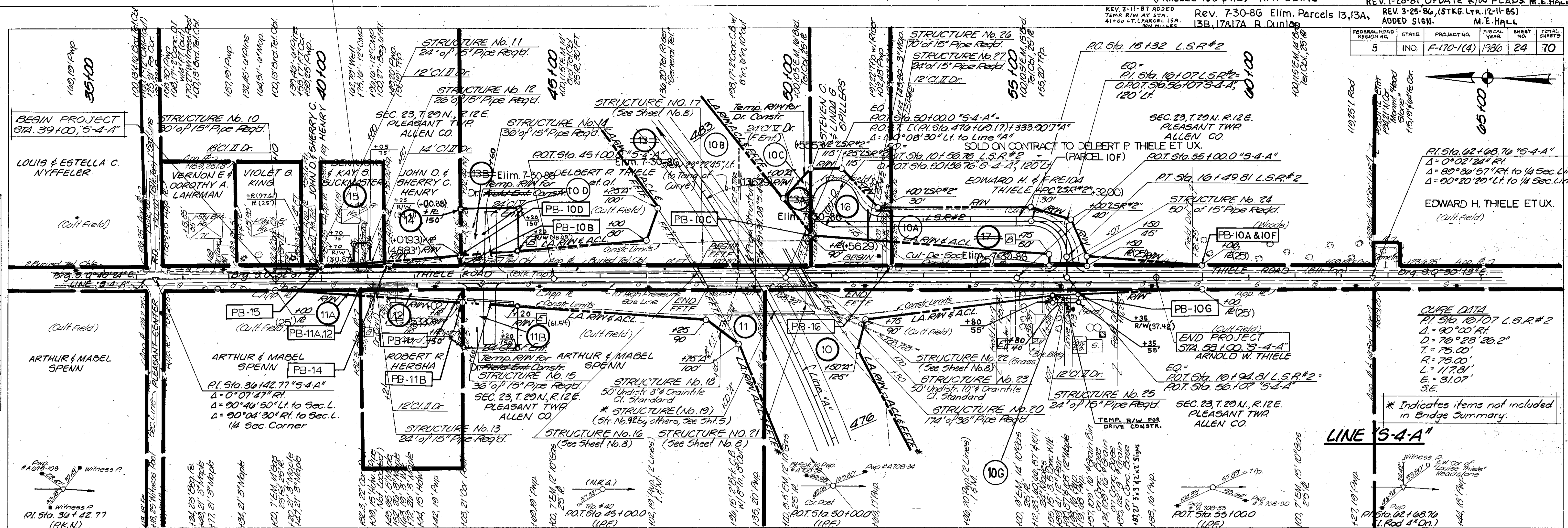


TEMP. R/W ACQUIRED BY "AUTHORIZATION FOR ENTRY UPON PRIVATE PROPERTY FOR DRIVEWAY CONSTRUCTION" DATED 8-26-86 D. LAUER

REV. 1-11-88 CHANGED DRIVES & TEMP. R/W'S (PARCELS 100 & 118) R. F. LEWIS  
 REV. 1-28-87 UPDATE R/W PLANS M.E. HALL

Rev. 7-30-86 Elim. Parcels 13, 13A, 13B, 17&17A R. Dunlap  
 REV. 3-25-86 (STRG. LTR. 12-11-85) ADDED SIGN. M.E. HALL

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1(4)	1986	24	70



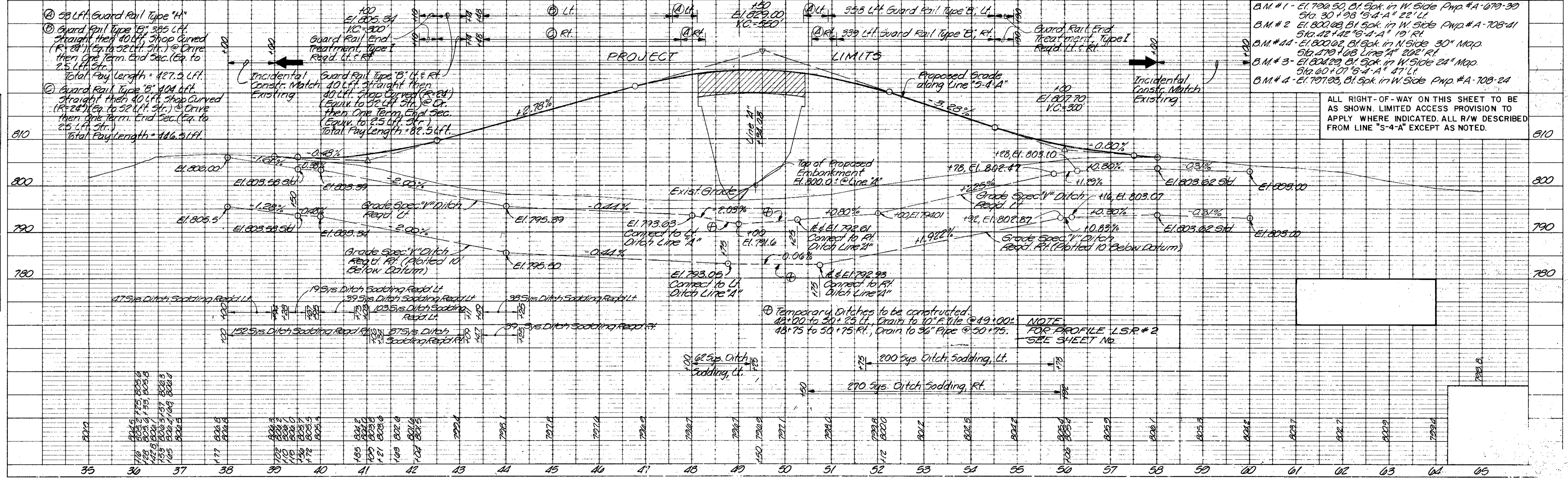
CURE DATA  
 P.I. Sta. 101.07 L.S.R.#2  
 Δ = 0°02'24" Rt.  
 D = 70'23" 20.2'  
 T = 75.00'  
 R = 75.00'  
 L = 117.81'  
 E = 31.07'  
 S.E.

\* Indicates items not included in Bridge Summary.

LINE "S-4-A"

DATE: 8-26-86  
 BY: R.F. Lewis  
 CHECKED: M.E. Hall  
 TITLE: CIVIL ENGINEER

DATE: 8-26-86  
 BY: R.F. Lewis  
 CHECKED: M.E. Hall  
 TITLE: CIVIL ENGINEER



ALL RIGHT-OF-WAY ON THIS SHEET TO BE AS SHOWN. LIMITED ACCESS PROVISION TO APPLY WHERE INDICATED. ALL R/W DESCRIBED FROM LINE "S-4-A" EXCEPT AS NOTED.

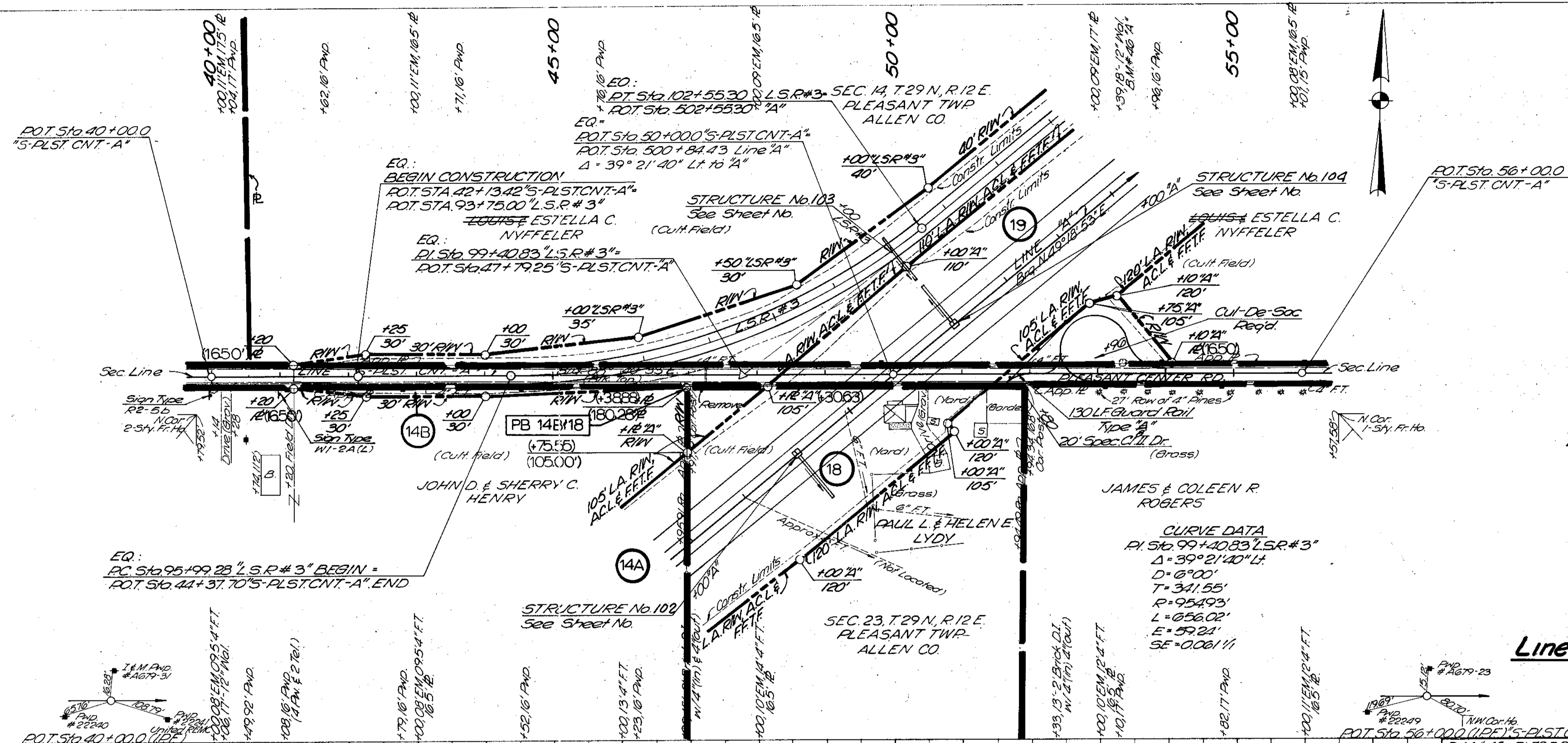
NOTE  
 FOR PROFILE L.S.R.#2  
 SEE SHEET NO.

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS
F-170-1(4)	S-4-A	24	70

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-162	1986	25	70

**PAVEMENT MARKINGS REQ'D LINE LSR # 3**

STA. TO STA.	L.F. PAINT STRIDE REQ'D YELLOW SKIP 2	SOLID WHITE EDGE LINE LT & RT	SINGLE YELLOW BARRIER LT or RT of E
92+75-144+92.61		5220	
92+75-144+92.61		5220	
92+75-100+00.00			750
95+100-102+30.14			750
130+100-144+25.14			1425
135+00-144+25.14			925
92+75-95+100.00	225		
100+100-135+00.00	3,500		

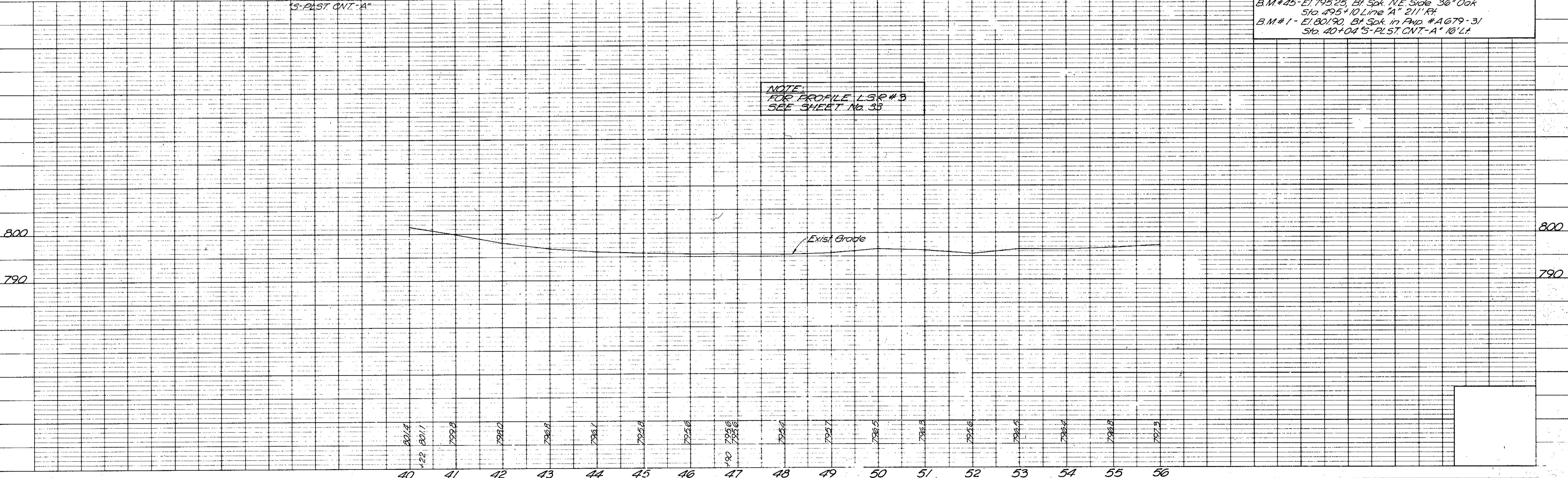


**NOTE:**  
 Existing Pavement To Be Removed  
 Between Stations 45+50 to 48+50  
 Line "S-PLST.CNT-A"

**Line "S-PLST.CNT-A"**

ALL RIGHT-OF-WAY ON THIS SHEET TO BE AS SHOWN. LIMITED ACCESS PROVISION TO APPLY WHERE INDICATED. ALL R/W DESCRIBED FROM LINE "S-PLST.CNT-A" EXCEPT AS NOTED.

**NOTE:**  
 FOR PROFILE L.S.R.# 3  
 SEE SHEET No. 35



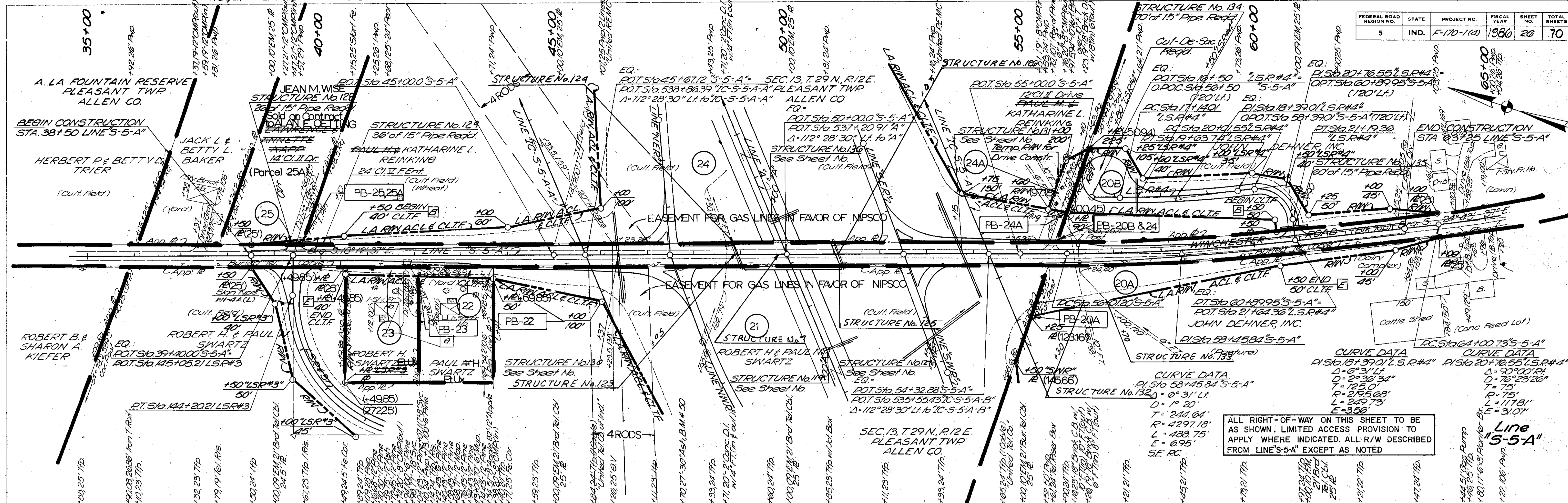
**PLAN**  
 DRAWN BY: S.H.C.  
 CHECKED BY: S.R.  
 DATE: 8-21-87  
 NO. 6-21

**PROFILE**  
 DRAWN BY: S.H.C.  
 CHECKED BY: S.R.  
 DATE: 8-21-87  
 NO. 6-21

REV. 10-29-86 NAME CHANGE ON PARCEL 24.

Spec. Public Road Approach Rect'd @ Sta. 60+89.95 'S-5-A' Lt. REV. 1-28-87, UPDATE R/W PLANS, M.E. Hagan

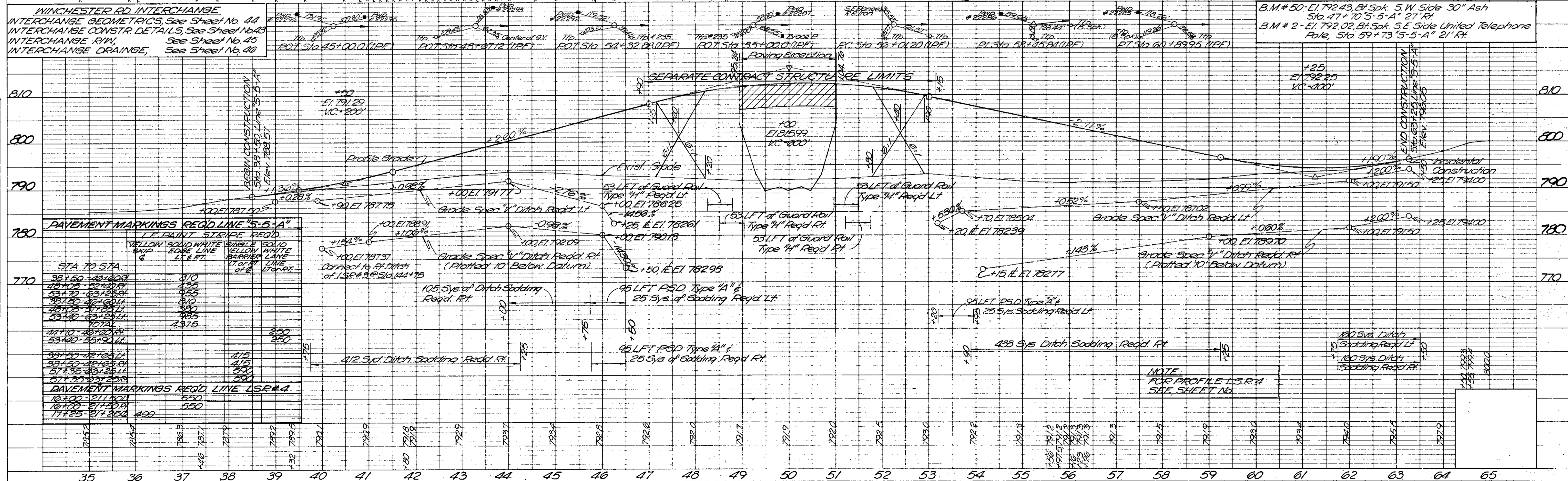
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1(A)	1986	26	70



ALL RIGHT-OF-WAY ON THIS SHEET TO BE AS SHOWN. LIMITED ACCESS PROVISION TO APPLY WHERE INDICATED. ALL R/W DESCRIBED FROM LINE'S-5-A" EXCEPT AS NOTED

CURVE DATA

STATION	PC	PT	PI	PT	PIC	PTC	Δ	D	T	R	L	E
18+39.01	18+39.01	18+55.15	18+47.08	18+55.15	18+39.01	18+55.15	90°00'00"	176'23.26"	75'	1178.1'	1178.1'	31.07'
20+18.19	20+18.19	20+34.34	20+26.27	20+34.34	20+18.19	20+34.34	90°00'00"	176'23.26"	75'	1178.1'	1178.1'	31.07'



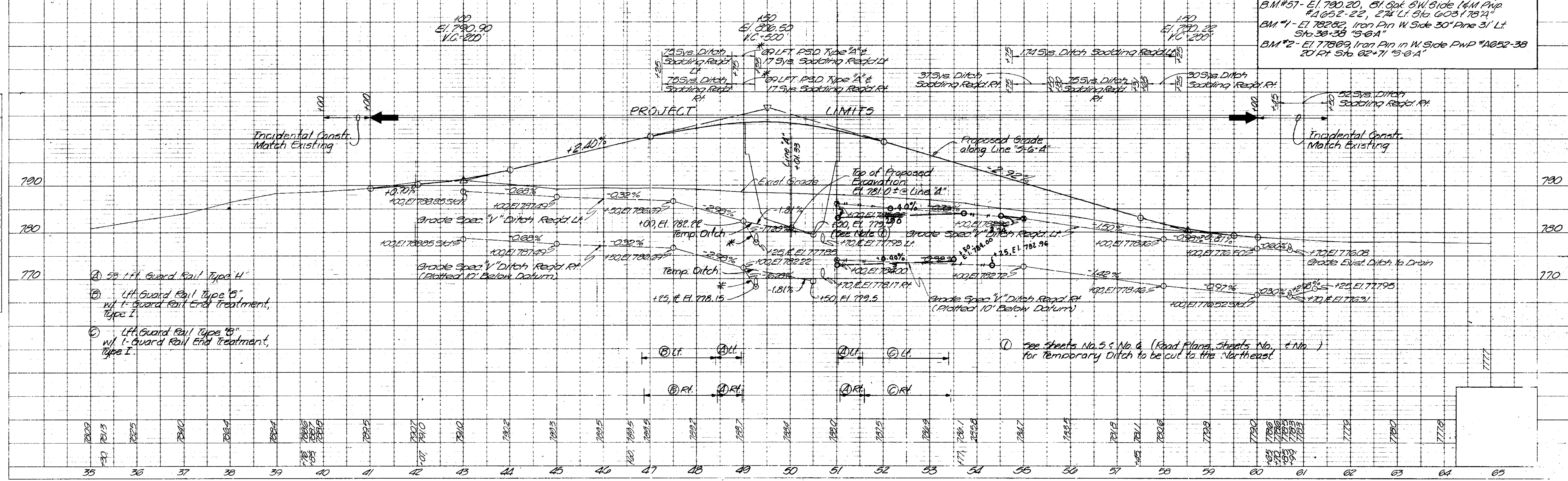
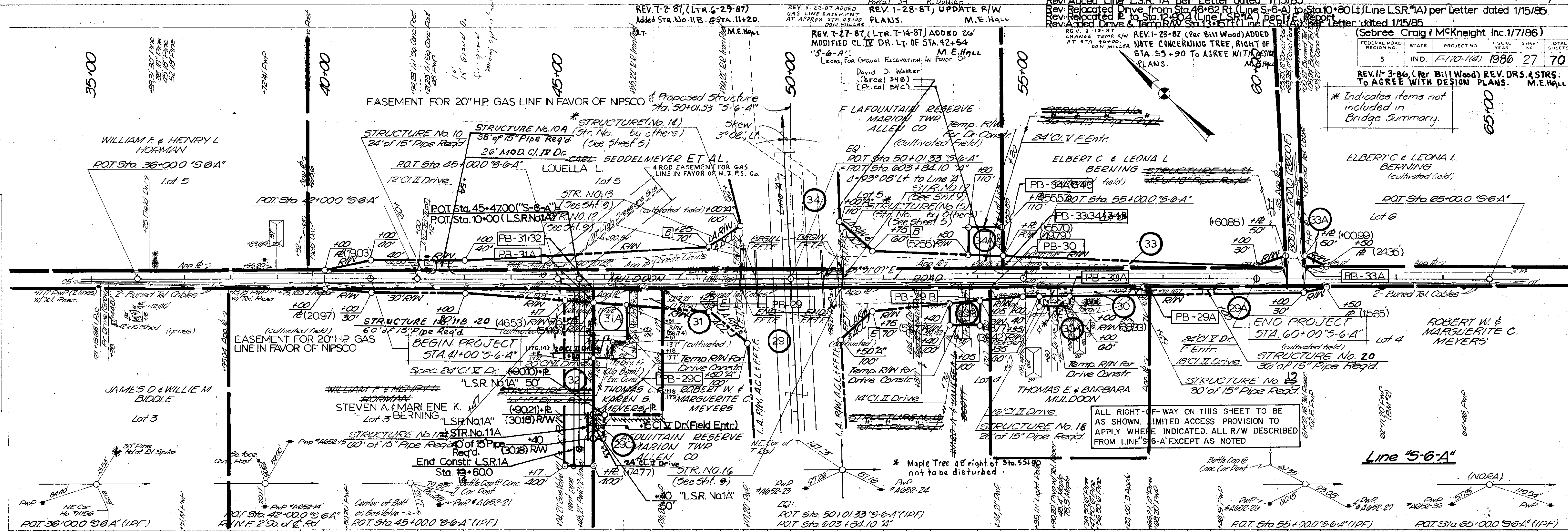
PLAN  
 SURV. BY S.H.C.  
 DATE 3/87  
 NOTE BOOK ASSIGNMENT CHECKED  
 B.M.'S NOTED  
 STRUCTURE NOTATIONS CHECKED

PROFILE  
 SURV. BY S.H.C.  
 DATE 3/87  
 NOTE BOOK GRADES CHECKED  
 B.M.'S NOTED  
 STRUCTURE NOTATIONS CHECKED

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1(A)	1986	27	70

REV. 11-3-86 (Per Bill Wood) REV. DR. 4 STRS. TO AGREE WITH DESIGN PLANS. M.E. HALL

\* Indicates items not included in Bridge Summary.



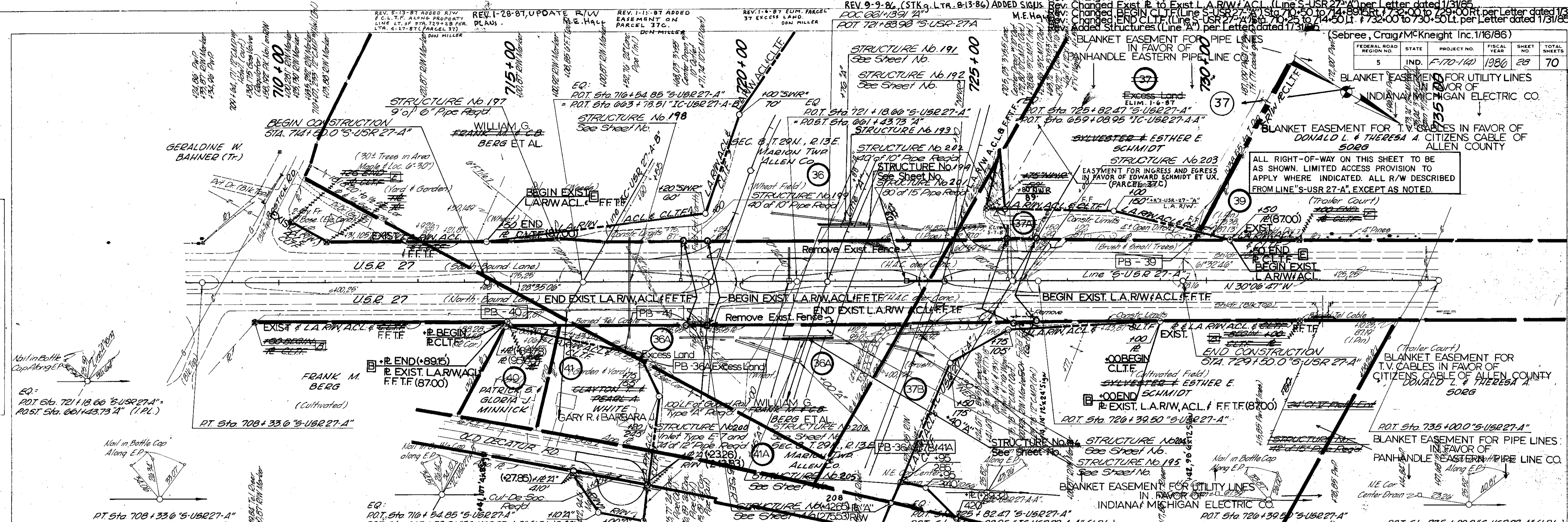
PLAN  
SUPERVISED BY  
NOTE BOOK  
NO. 1000  
DATE 1/15/85

PROFILE  
SUPERVISED BY  
NOTE BOOK  
NO. 1000  
DATE 1/15/85

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS
F-170-1(A)	5-6-A	27	70

REV. 9-9-84, (STK. LTR. 8-13-84) ADDED SIGNS. Rev. Changed R/W Width (Old Decatur Rd) East of C 40 to 27' per RW Grant dated 5/31/85.  
 Rev. Changed EXIST. R. to EXIST. L.A. R/W A.C.L. (Line S-USR 27-A) per Letter dated 1/31/85.  
 Rev. Added BEGIN CLTF (Line S-USR 27-A) Sta 710+50 to 714+80.51 ft. & 729+00 ft. per Letter dated 1/31/85.  
 Rev. Changed END CLTF (Line S-USR 27-A) Sta 70+25 to 714+50 ft. & 732+00 to 730+50 ft. per Letter dated 1/31/85.  
 Rev. Added Structures (Line A) per Letter dated 1/31/85

FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1A	1980	28	70

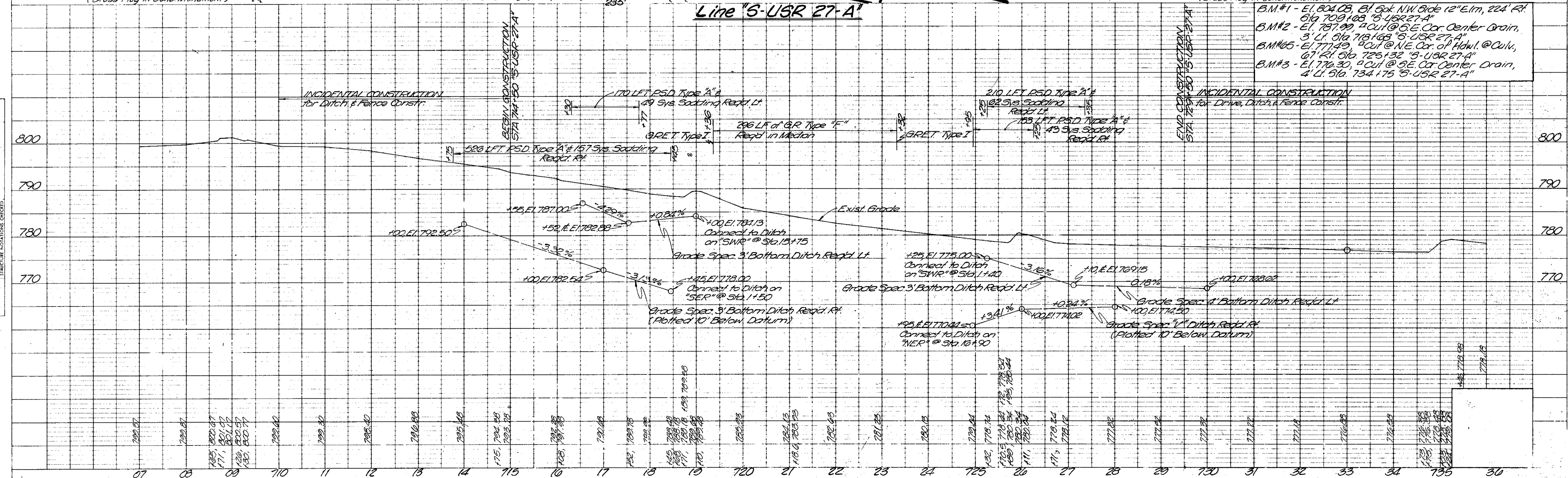


ALL RIGHT-OF-WAY ON THIS SHEET TO BE AS SHOWN. LIMITED ACCESS PROVISION TO APPLY WHERE INDICATED. ALL R/W DESCRIBED FROM LINE S-USR 27-A, EXCEPT AS NOTED.

BLANKET EASEMENT FOR T.V. CABLES IN FAVOR OF CITIZENS CABLE OF ALLEN COUNTY DONALD L. & THERESA A. SOERG

PLAN  
 DATE: 8-80  
 BY: J.S.H.C. J. Evans  
 CHECKED: J.S.H.C. J. Evans  
 NO.:

PROFILE  
 DATE: 8-80  
 BY: J.S.H.C. J. Kinney  
 CHECKED: J.S.H.C. J. Kinney  
 NO.:

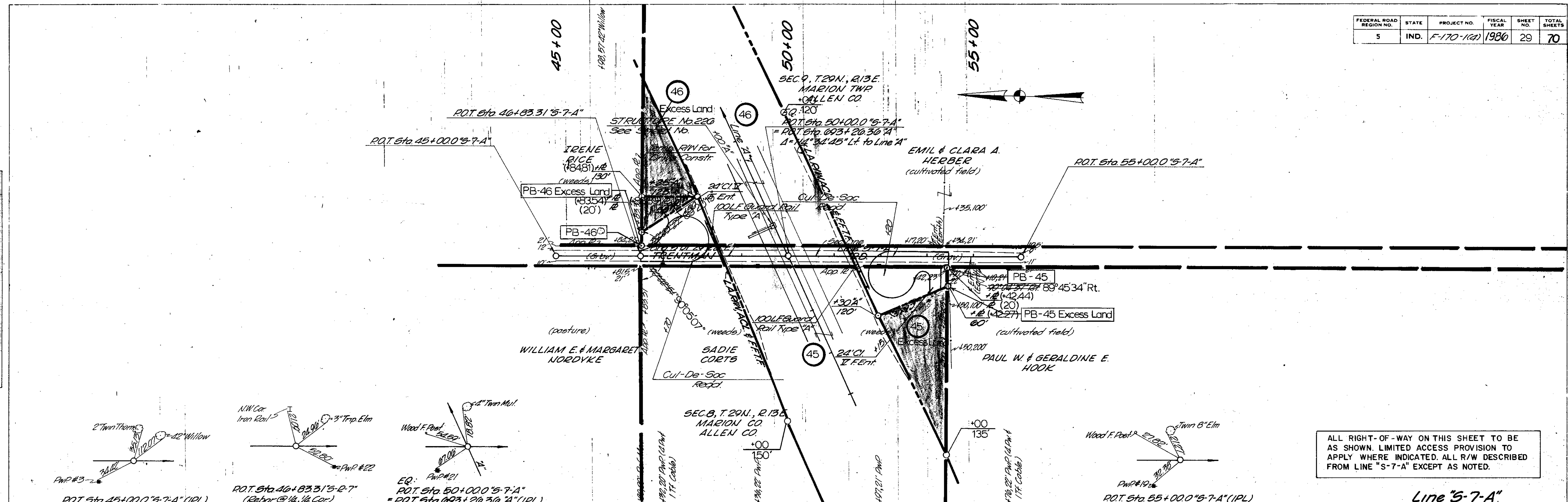


PROJECT NO.	LINE NO.	SHEET NO.	TOTAL SHEETS
F-170-1A	27	28	70

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1(a)	1986	29	70

**PLAN**  
 SURVEYED BY: J.S.H.C. Jeters  
 NOTE BOOK NO. 1343  
 DATE: 10/80  
 STRUCTURE NOTATIONS CHECKED

**PROFILE**  
 SURVEYED BY: J.S.H.C. Jeters  
 NOTE BOOK NO. 1343  
 DATE: 10/80  
 GRADE CHECKED BY: B.A. NOTED  
 STRUCTURE NOTATIONS CHECKED



ALL RIGHT-OF-WAY ON THIS SHEET TO BE AS SHOWN. LIMITED ACCESS PROVISION TO APPLY WHERE INDICATED. ALL R/W DESCRIBED FROM LINE "S-7-A" EXCEPT AS NOTED.

Line "S-7-A"

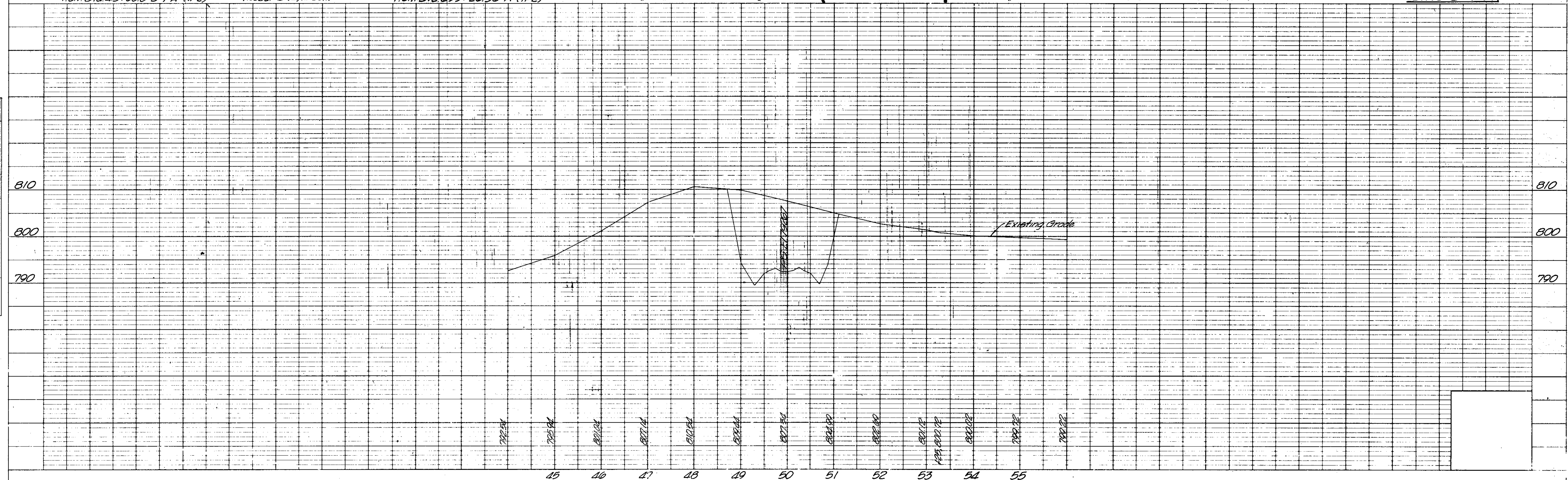
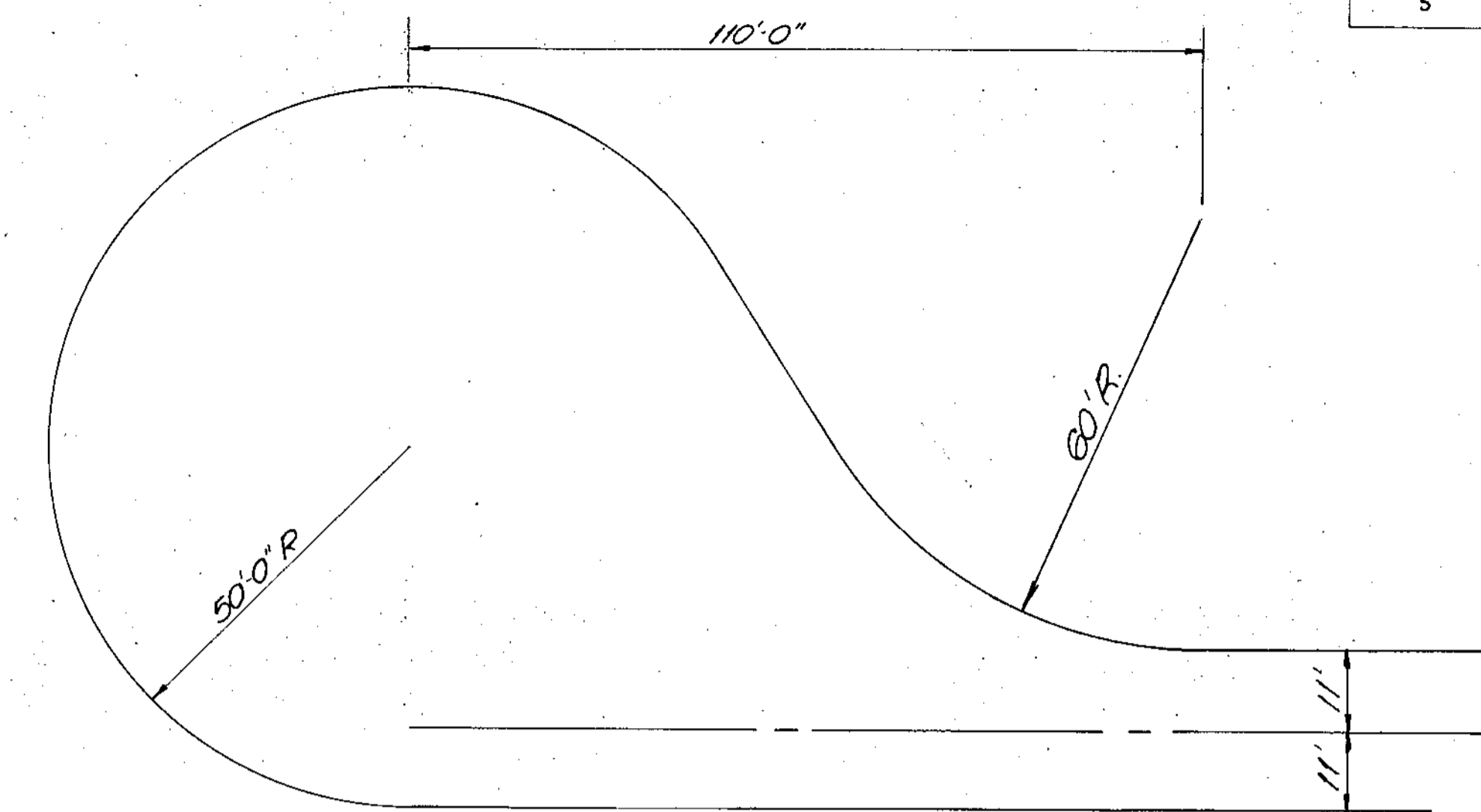


PLATE 1 PLAN PROFILE & STANDARD

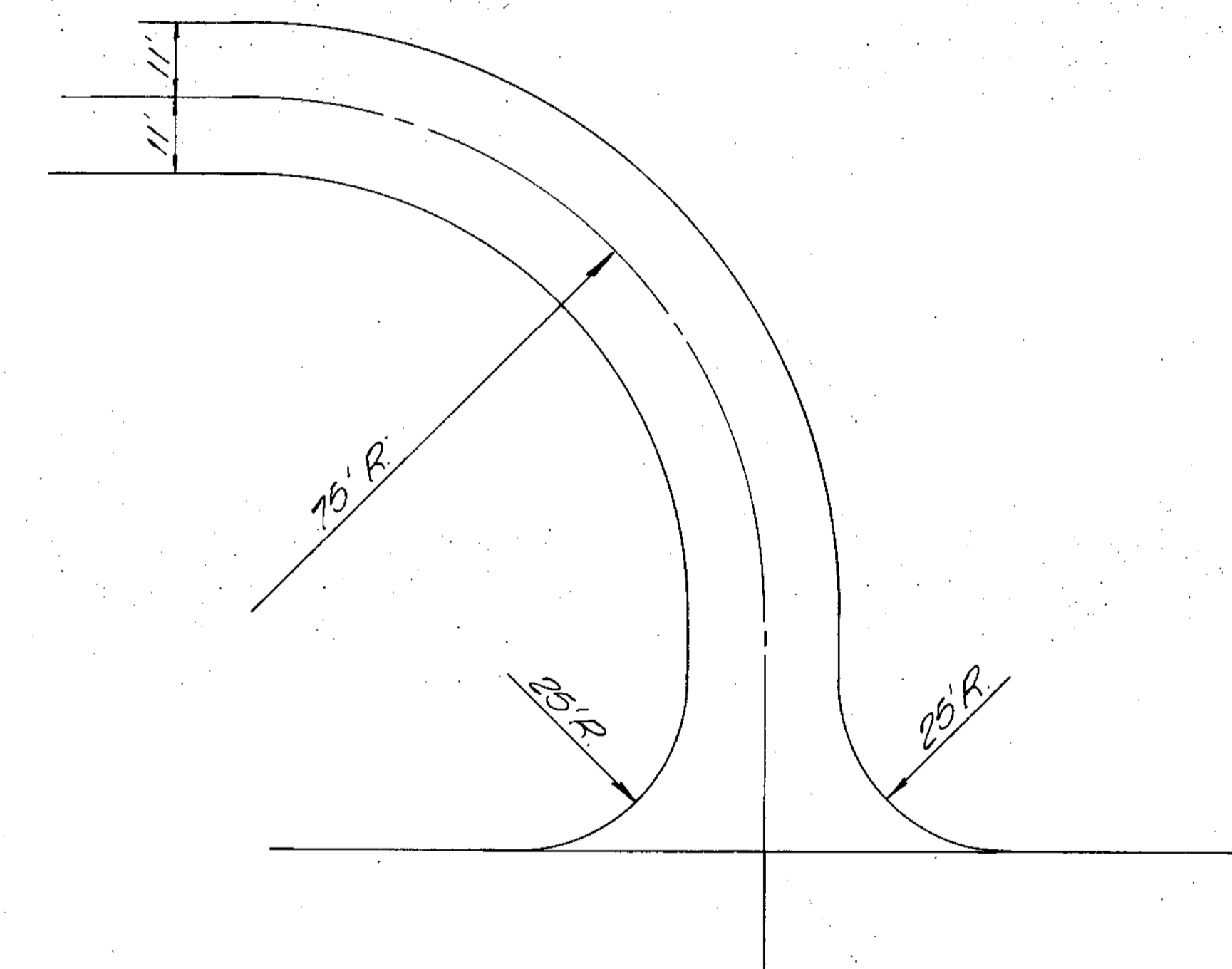
PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS
F-170-1(a)		29	70

Job # 1353

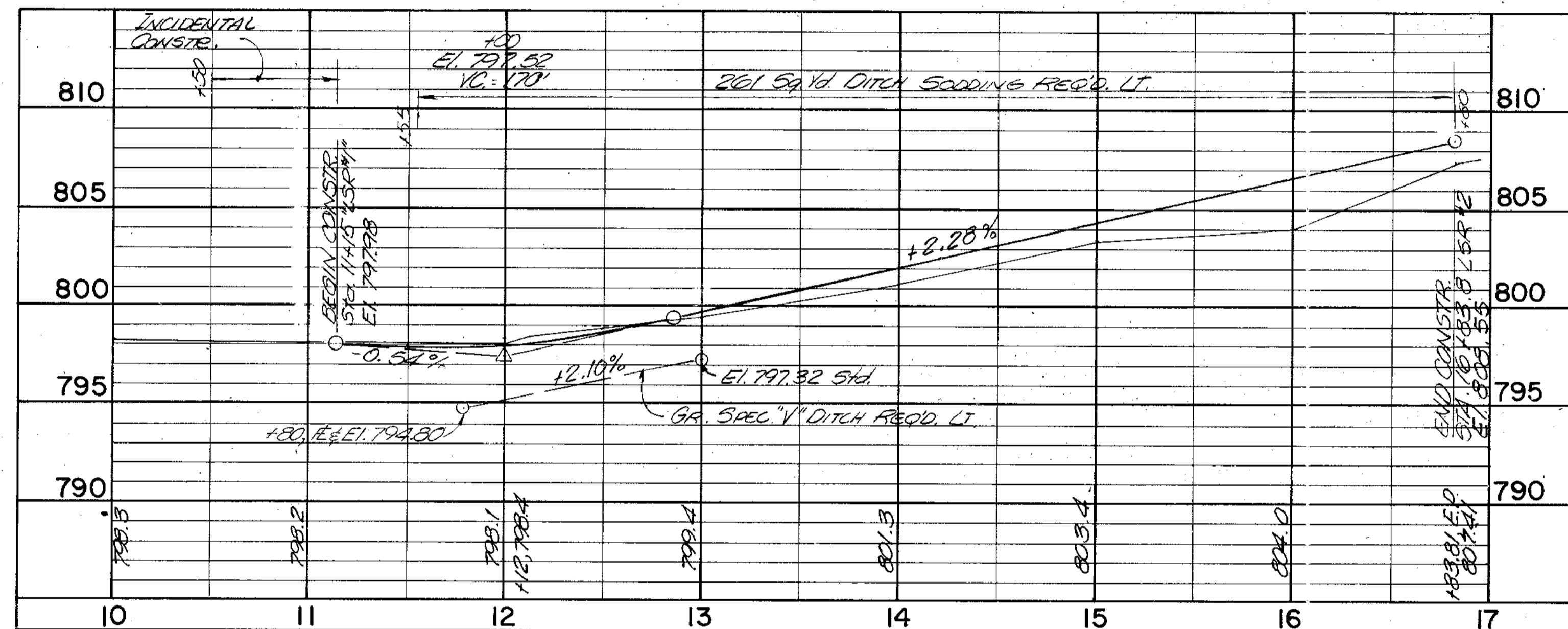
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-114	1986	30	70



TYPICAL CUL-DE-SAC  
SCALE: 1" = 20'



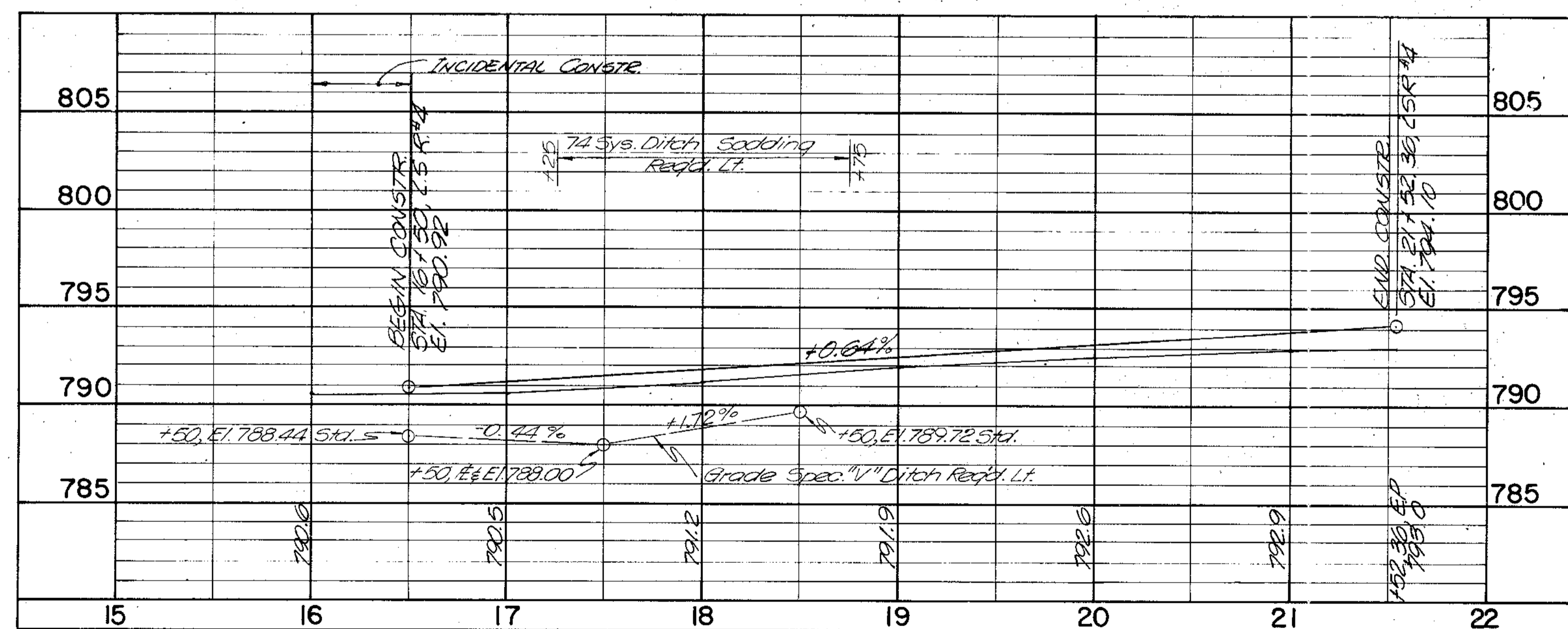
L.S.R.#2 and L.S.R.#4 APPROACH  
SCALE: 1" = 20'



LOCAL SERVICE ROAD NO. 2

SCALE: HORIZ. 1" = 50'  
VERT. 1" = 5'

(BY OTHERS)



LOCAL SERVICE ROAD NO. 4

SCALE: HORIZ. 1" = 50'  
VERT. 1" = 5'

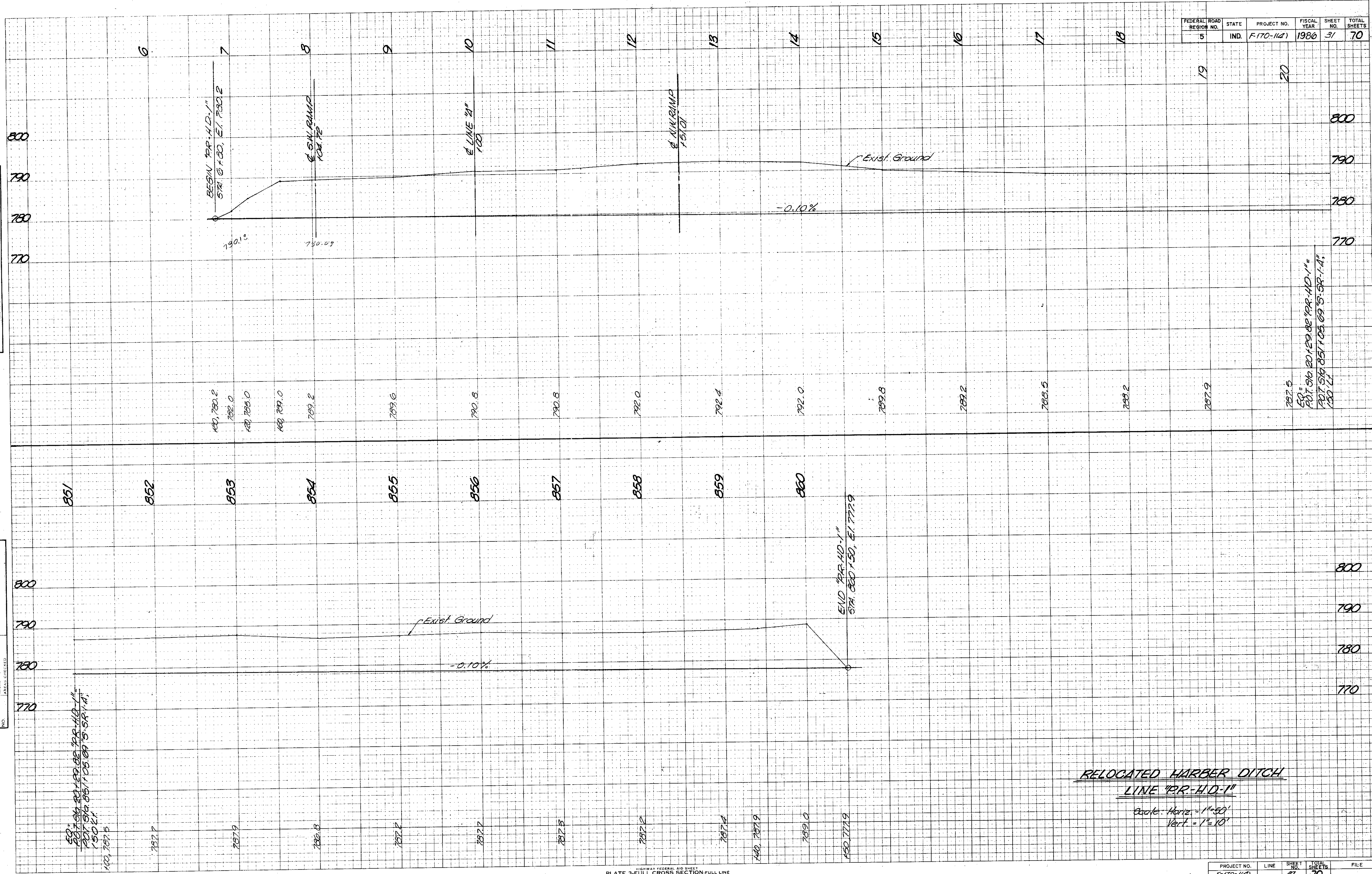
DETAILS

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
F-170-114		30	70	

FINAL SURVEY  
 SURVEYED  
 PLOTTED  
 NOTE BOOK TEMPLATE  
 NO. AREAS CHECKED

ORIGINAL SURVEY  
 SURVEYED  
 PLOTTED  
 NOTE BOOK TEMPLATE  
 NO. AREAS CHECKED

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1141	1986	31	70



50'  
 852.5  
 853.5  
 854.5  
 855.5  
 856.5  
 857.5  
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852.5  
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 893.5  
 894.5  
 895.5  
 896.5  
 897.5  
 898.5  
 899.5  
 900.5

**RELOCATED HARBOR DITCH**  
**LINE "P.R. HD-1"**  
 Scale: Horiz. = 1"=50'  
 Vert. = 1"=10'

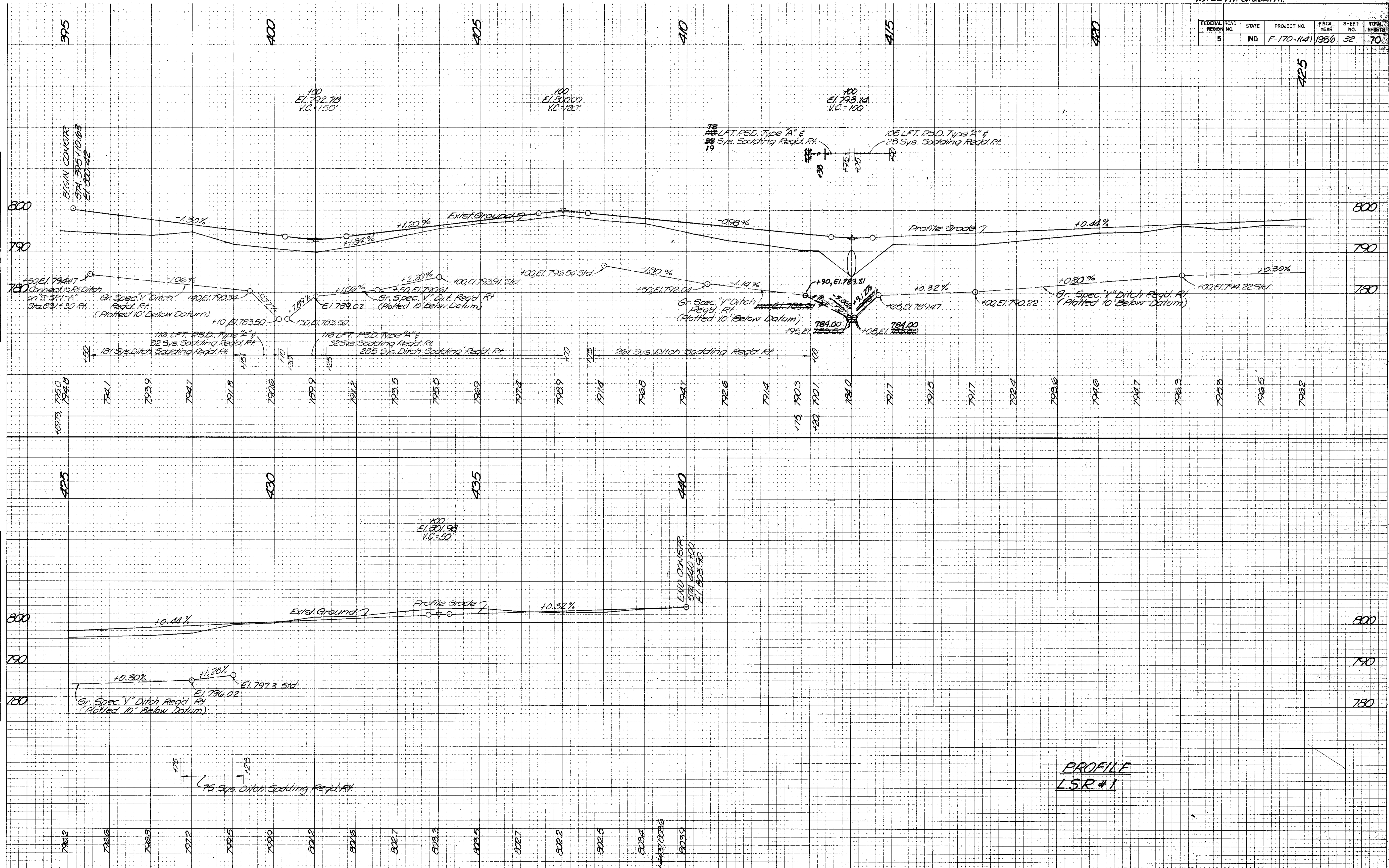
PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
F-170-1141		31	70	



FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1141	1986	32	70

FINAL SURVEY PLATTED DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 NOTE BOOK AREA NO. \_\_\_\_\_  
 AREA CHECKED: \_\_\_\_\_

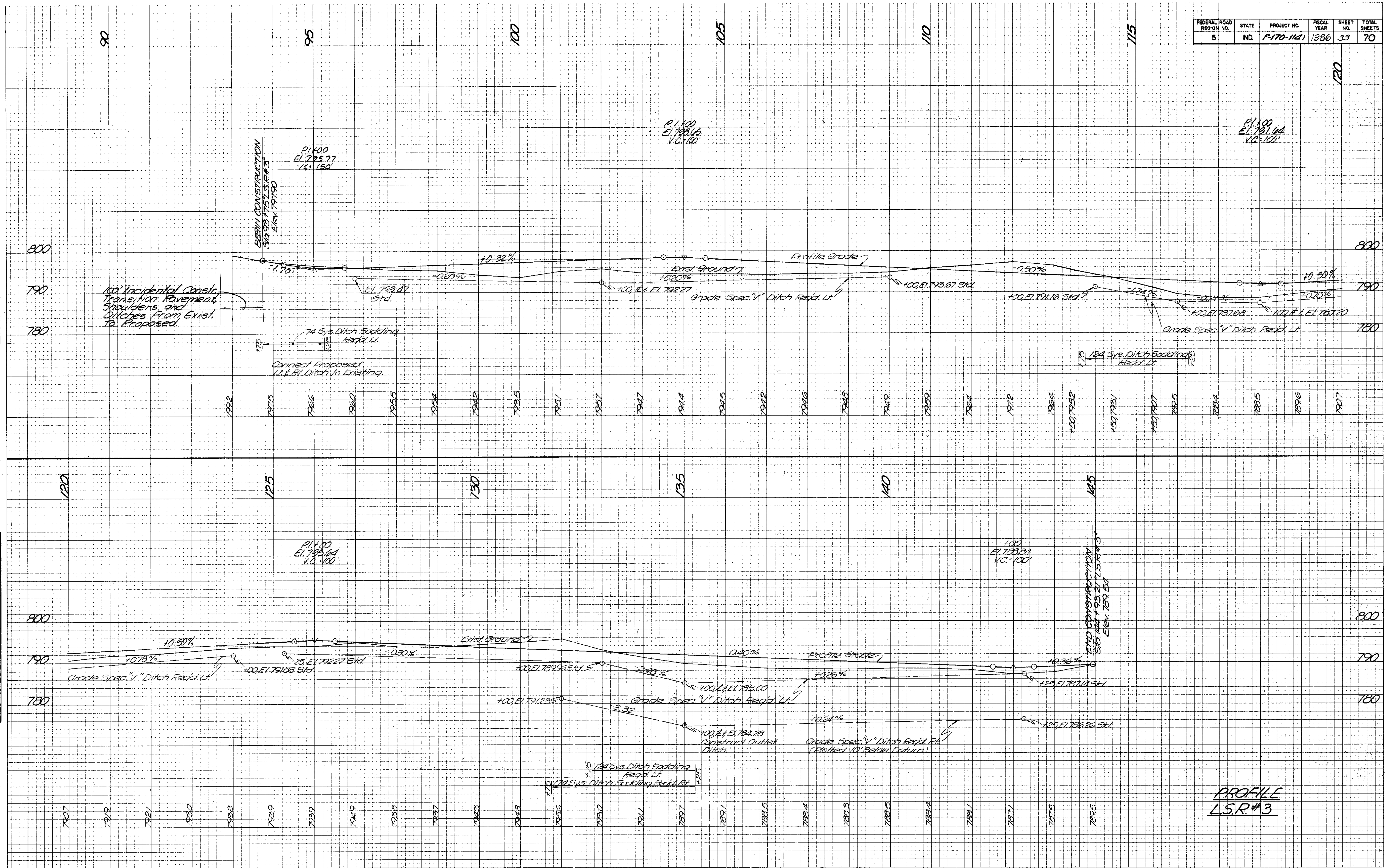
ORIGINAL SURVEY PLATTED DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 NOTE BOOK AREA NO. \_\_\_\_\_  
 AREA CHECKED: \_\_\_\_\_



FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND	F-170-1141	1986	33	70

FINAL SURVEY DATE BY DATE  
 SURVEY ELEVATED  
 NOTE BOOK AREA  
 TEMPLATE NO. AREA CHECKED

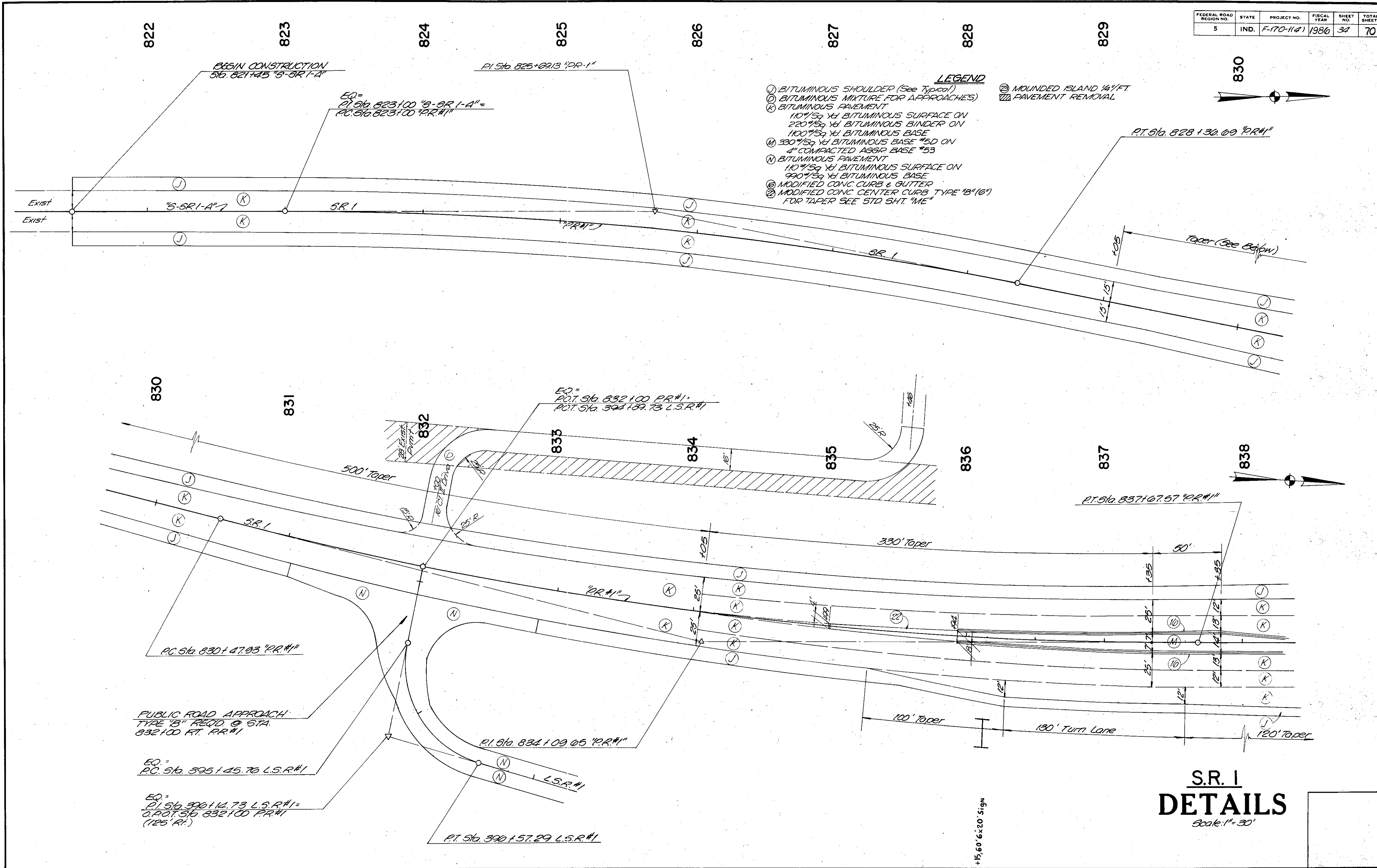
ORIGINAL SURVEY DATE BY DATE  
 SURVEY ELEVATED  
 NOTE BOOK AREA  
 TEMPLATE NO. AREA CHECKED



PROFILE  
 LSR #3

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
F-170-1141		33	70	

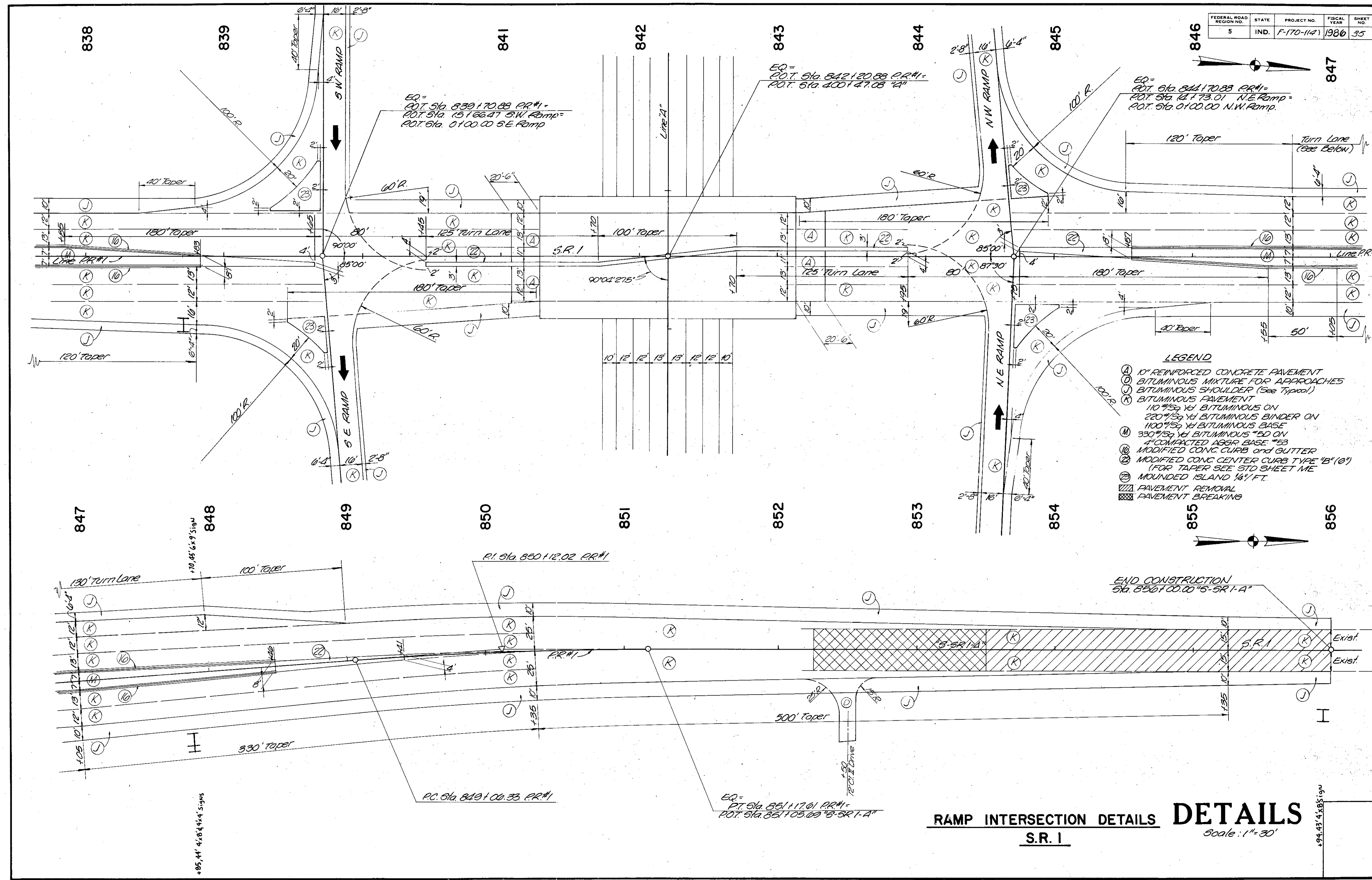
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-11(1)	1986	34	70



**S.R. 1  
 DETAILS**  
 Scale: 1" = 30'

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
F-170-11(1)		34	70	

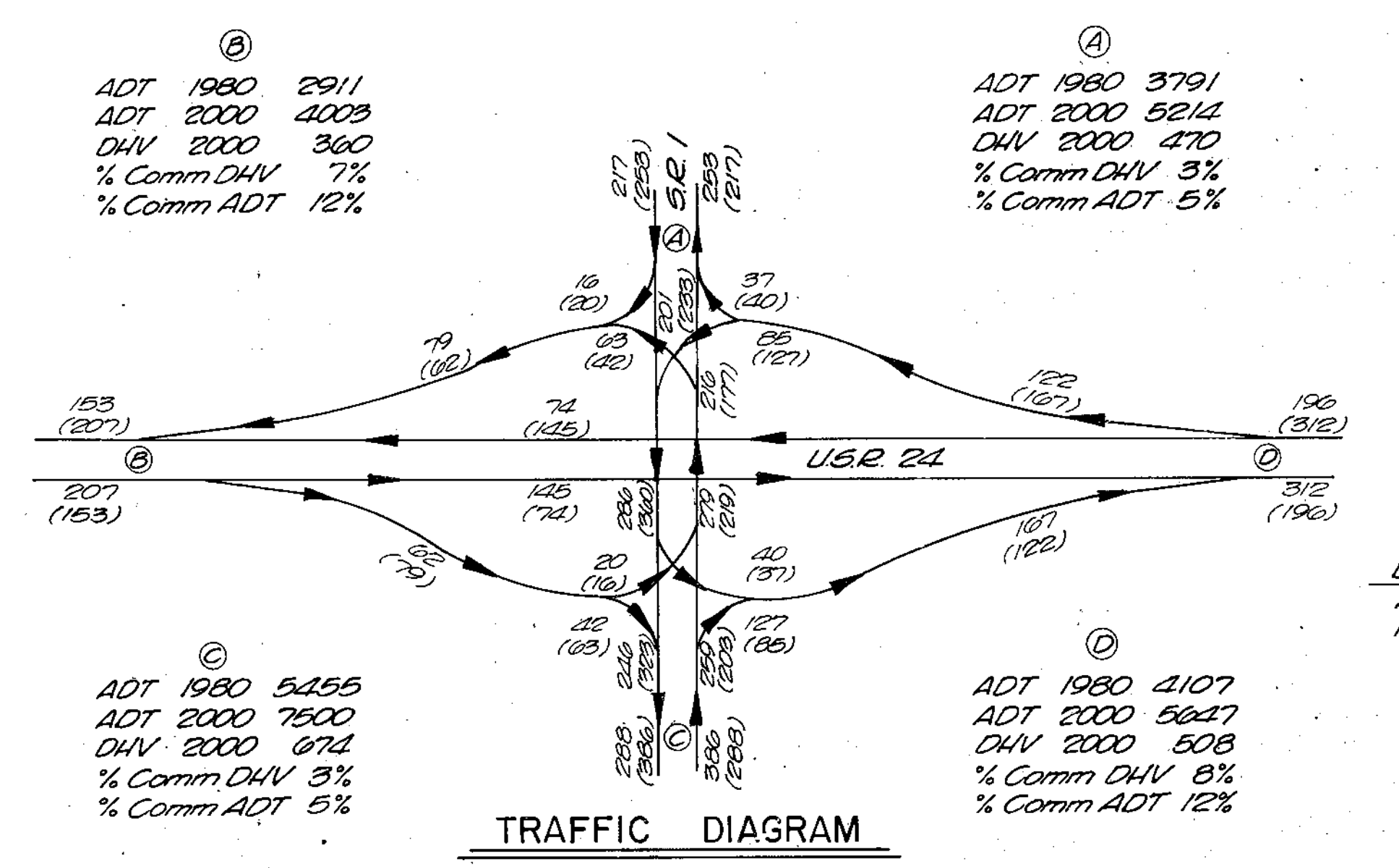
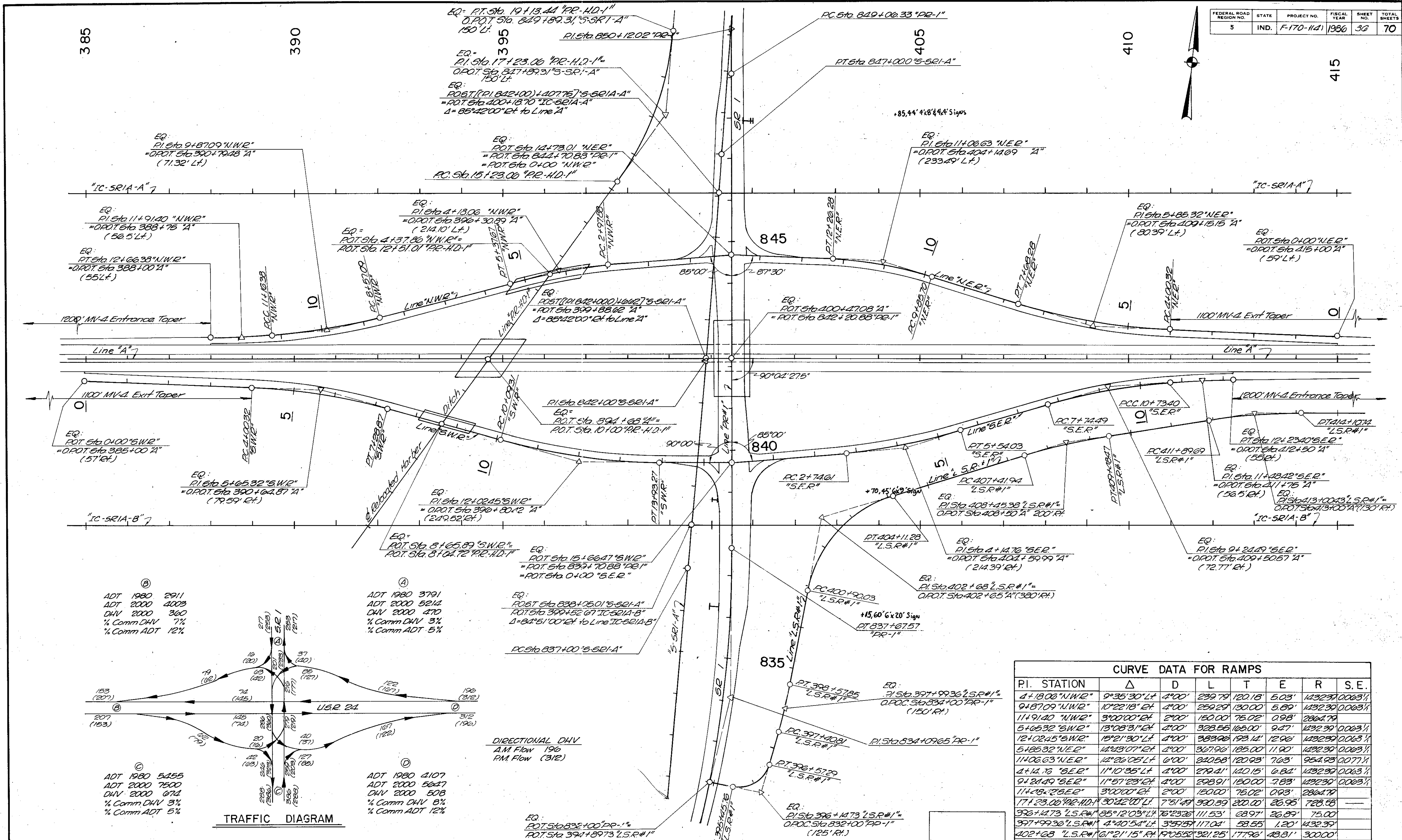
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1141	1986	35	70



**RAMP INTERSECTION DETAILS**  
**DETAILS**  
 S.R. 1  
 Scale: 1" = 30'

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
F-170-1141		35	70	

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1141	1986	36	70



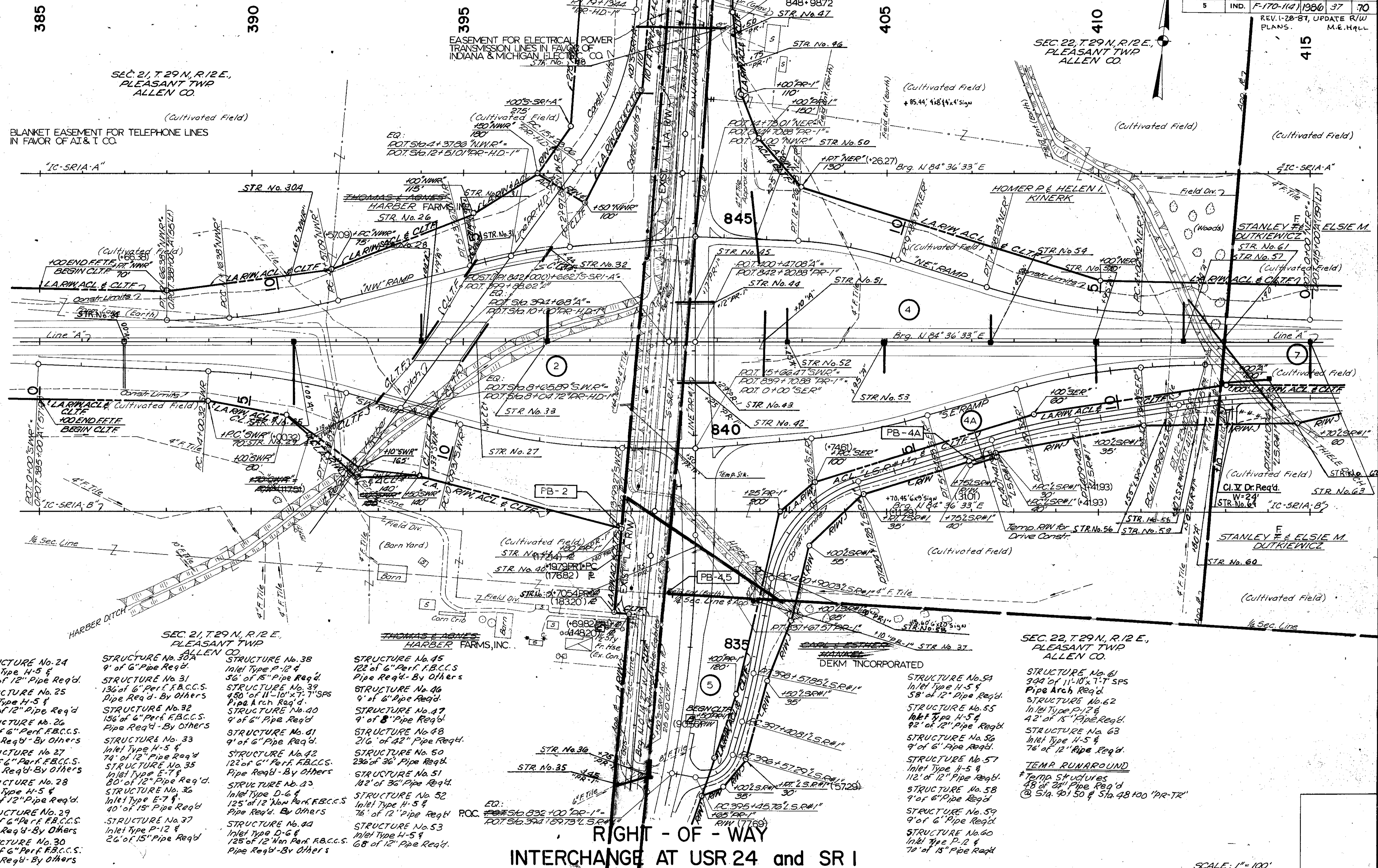
PI. STATION	Δ	D	L	T	E	R	S.E.
4+18.06 "N.W.R."	9°35'30" L.F.	4'00"	239.79	120.18	5.03'	1432.39	0.063%
9+87.09 "N.W.R."	10°22'18" R.F.	4'00"	259.29	130.00	5.89'	1432.39	0.063%
11+91.40 "N.W.R."	3°00'00" R.F.	2'00"	150.00	75.02	0.98'	2864.79	—
5+65.32 "S.W.R."	13°08'31" R.F.	4'00"	323.55	165.00	9.47'	1432.39	0.063%
12+02.45 "S.W.R."	15°21'30" L.F.	4'00"	383.98	193.12	12.96'	1432.39	0.063%
5+85.32 "N.E.R."	14°23'07" R.F.	4'00"	367.96	185.00	11.90'	1432.39	0.063%
11+06.63 "N.E.R."	14°26'05" L.F.	6'00"	240.58	120.98	7.63'	954.98	0.077%
4+14.16 "S.E.R."	11°10'35" L.F.	4'00"	279.41	140.15	6.84'	1432.39	0.063%
9+21.49 "S.E.R."	11°57'23" R.F.	4'00"	298.91	150.00	7.83'	1432.39	0.063%
11+08.26 "S.E.R."	3°00'00" R.F.	2'00"	150.00	75.02	0.93'	2864.79	—
17+23.00 "R.H.D.1"	30°42'00" L.F.	7°51'49"	590.39	200.00	26.95'	728.58	—
326+44.73 "L.S.R.#1"	85°12'03" L.F.	76°23'26"	111.53'	68.97'	26.89'	75.00'	—
397+99.36 "L.S.R.#1"	4°40'54" L.F.	3°59'59"	117.04'	58.55'	1.20'	4432.39'	—
402+68 "L.S.R.#1"	61°21'15" R.F.	4°05'52"	321.25'	177.96'	48.81'	300.00'	—
408+45.35 "L.S.R.#1"	8°15'39" R.F.	3°59'59"	206.52'	103.44'	3.73'	4432.39'	—
413+00.43 "L.S.R.#1"	6°50'31" R.F.	3°59'59"	221.04'	110.74'	4.27'	4432.39'	—

**USR 24 AND SR 1 INTERCHANGE GEOMETRICS**

SCALE: 1" = 100'

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
F-170-1141		36	70	

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1141	1986	37	70



- |   |   |   |   |   |  |
|---|---|---|---|---|--|
| <p>STRUCTURE No. 24<br/>Inlet Type H-5 &amp;<br/>100' of 12" Pipe Req'd.</p> <p>STRUCTURE No. 25<br/>Inlet Type H-5 &amp;<br/>136' of 12" Pipe Req'd.</p> <p>STRUCTURE No. 26<br/>136' of 6" Perf. F.B.C.C.S.<br/>Pipe Req'd - By Others</p> <p>STRUCTURE No. 27<br/>136' of 6" Perf. F.B.C.C.S.<br/>Pipe Req'd - By Others</p> <p>STRUCTURE No. 28<br/>Inlet Type H-5 &amp;<br/>60' of 12" Pipe Req'd.</p> <p>STRUCTURE No. 29<br/>68' of 6" Perf. F.B.C.C.S.<br/>Pipe Req'd - By Others</p> <p>STRUCTURE No. 30<br/>68' of 6" Perf. F.B.C.C.S.<br/>Pipe Req'd - By Others</p> | <p>STRUCTURE No. 30A<br/>9' of 6" Pipe Req'd.</p> <p>STRUCTURE No. 31<br/>136' of 6" Perf. F.B.C.C.S.<br/>Pipe Req'd - By Others</p> <p>STRUCTURE No. 32<br/>156' of 6" Perf. F.B.C.C.S.<br/>Pipe Req'd - By Others</p> <p>STRUCTURE No. 33<br/>Inlet Type H-5 &amp;<br/>74' of 12" Pipe Req'd</p> <p>STRUCTURE No. 35<br/>Inlet Type E-7 &amp;<br/>80' of 12" Pipe Req'd.</p> <p>STRUCTURE No. 36<br/>Inlet Type E-7 &amp;<br/>40' of 15" Pipe Req'd</p> <p>STRUCTURE No. 37<br/>Inlet Type P-12 &amp;<br/>26' of 15" Pipe Req'd</p> | <p>STRUCTURE No. 38<br/>Inlet Type P-12 &amp;<br/>56' of 15" Pipe Req'd</p> <p>STRUCTURE No. 39<br/>450' of 11-10"x7-7" SPS<br/>Pipe Arch Req'd.</p> <p>STRUCTURE No. 40<br/>9' of 6" Pipe Req'd</p> <p>STRUCTURE No. 41<br/>9' of 6" Pipe Req'd.</p> <p>STRUCTURE No. 42<br/>123' of 6" Perf. F.B.C.C.S.<br/>Pipe Req'd - By Others</p> <p>STRUCTURE No. 43<br/>Inlet Type D-6 &amp;<br/>125' of 12" Non Perf. F.B.C.C.S.<br/>Pipe Req'd. By Others</p> <p>STRUCTURE No. 44<br/>Inlet Type D-6 &amp;<br/>125' of 12" Non Perf. F.B.C.C.S.<br/>Pipe Req'd - By Others</p> | <p>STRUCTURE No. 45<br/>123' of 6" Perf. F.B.C.C.S.<br/>Pipe Req'd - By Others</p> <p>STRUCTURE No. 46<br/>9' of 6" Pipe Req'd.</p> <p>STRUCTURE No. 47<br/>9' of 8" Pipe Req'd.</p> <p>STRUCTURE No. 48<br/>216' of 42" Pipe Req'd.</p> <p>STRUCTURE No. 50<br/>236' of 36" Pipe Req'd.</p> <p>STRUCTURE No. 51<br/>142' of 36" Pipe Req'd.</p> <p>STRUCTURE No. 52<br/>Inlet Type H-5 &amp;<br/>76' of 12" Pipe Req'd</p> <p>STRUCTURE No. 53<br/>Inlet Type H-5 &amp;<br/>68' of 12" Pipe Req'd.</p> | <p>STRUCTURE No. 54<br/>Inlet Type H-5 &amp;<br/>58' of 12" Pipe Req'd.</p> <p>STRUCTURE No. 55<br/>Inlet Type H-5 &amp;<br/>92' of 12" Pipe Req'd.</p> <p>STRUCTURE No. 56<br/>9' of 6" Pipe Req'd.</p> <p>STRUCTURE No. 57<br/>Inlet Type H-5 &amp;<br/>112' of 12" Pipe Req'd.</p> <p>STRUCTURE No. 58<br/>9' of 6" Pipe Req'd.</p> <p>STRUCTURE No. 59<br/>9' of 6" Pipe Req'd.</p> <p>STRUCTURE No. 60<br/>Inlet Type P-12 &amp;<br/>70' of 15" Pipe Req'd</p> | <p>STRUCTURE No. 61<br/>344' of 11-10"x7-7" SPS<br/>Pipe Arch Req'd.</p> <p>STRUCTURE No. 62<br/>Inlet Type P-12 &amp;<br/>42' of 15" Pipe Req'd.</p> <p>STRUCTURE No. 63<br/>Inlet Type H-5 &amp;<br/>76' of 12" Pipe Req'd.</p> <p>TEMP. RUNAROUND<br/>*Temp Structures<br/>48' of 24" Pipe Req'd<br/>@ Sta. 401.50 &amp; Sta. 48+00 "PR-TR"</p> |
|---|---|---|---|---|--|

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-114	1986	33	70

385

390

395

405

410

415

SEC. 21, T. 29 N., R. 12 E., PLEASANT TWP ALLEN CO.

SEC. 22, T. 29 N., R. 12 E., PLEASANT TWP ALLEN CO.

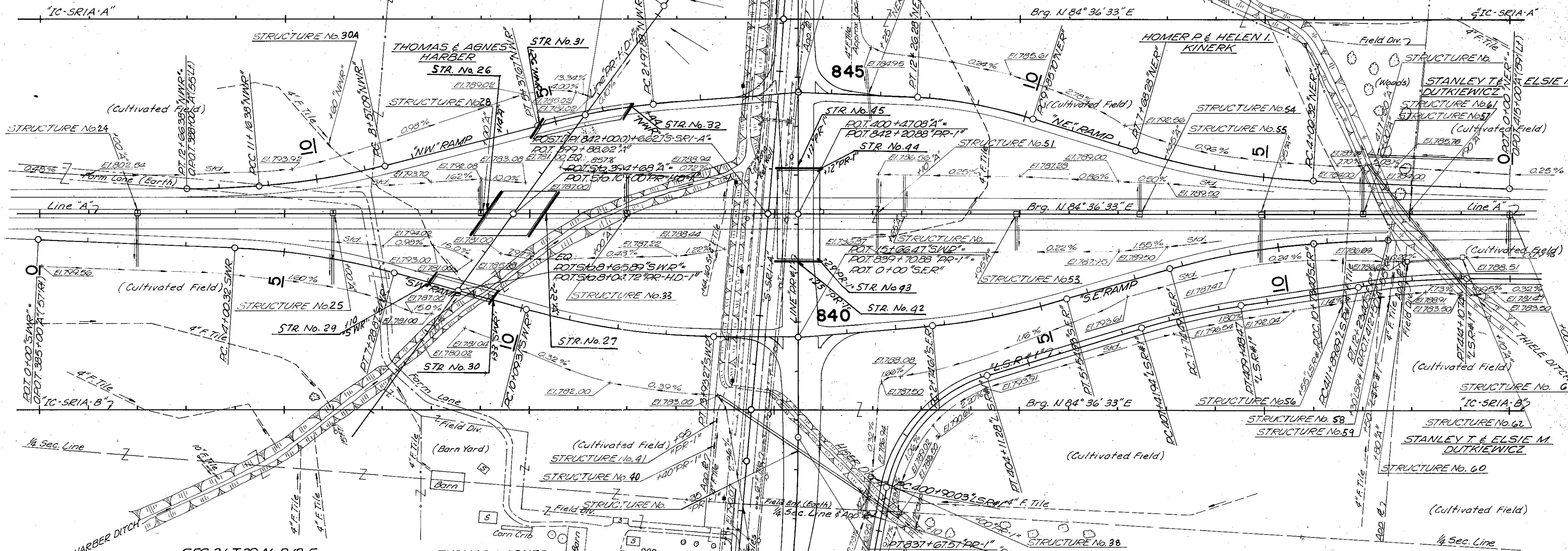
(Cultivated Field)

(Cultivated Field)

(Cultivated Field)

(Cultivated Field)

(Cultivated Field)



SEC. 21, T. 29 N., R. 12 E., PLEASANT TWP ALLEN CO.

THOMAS & AGNES HARBER

835

CARL & ESTHER HANKEL

SEC. 22, T. 29 N., R. 12 E., PLEASANT TWP ALLEN CO.

# DRAINAGE INTERCHANGE AT USR 24 and SR 1

SCALE: 1" = 100'

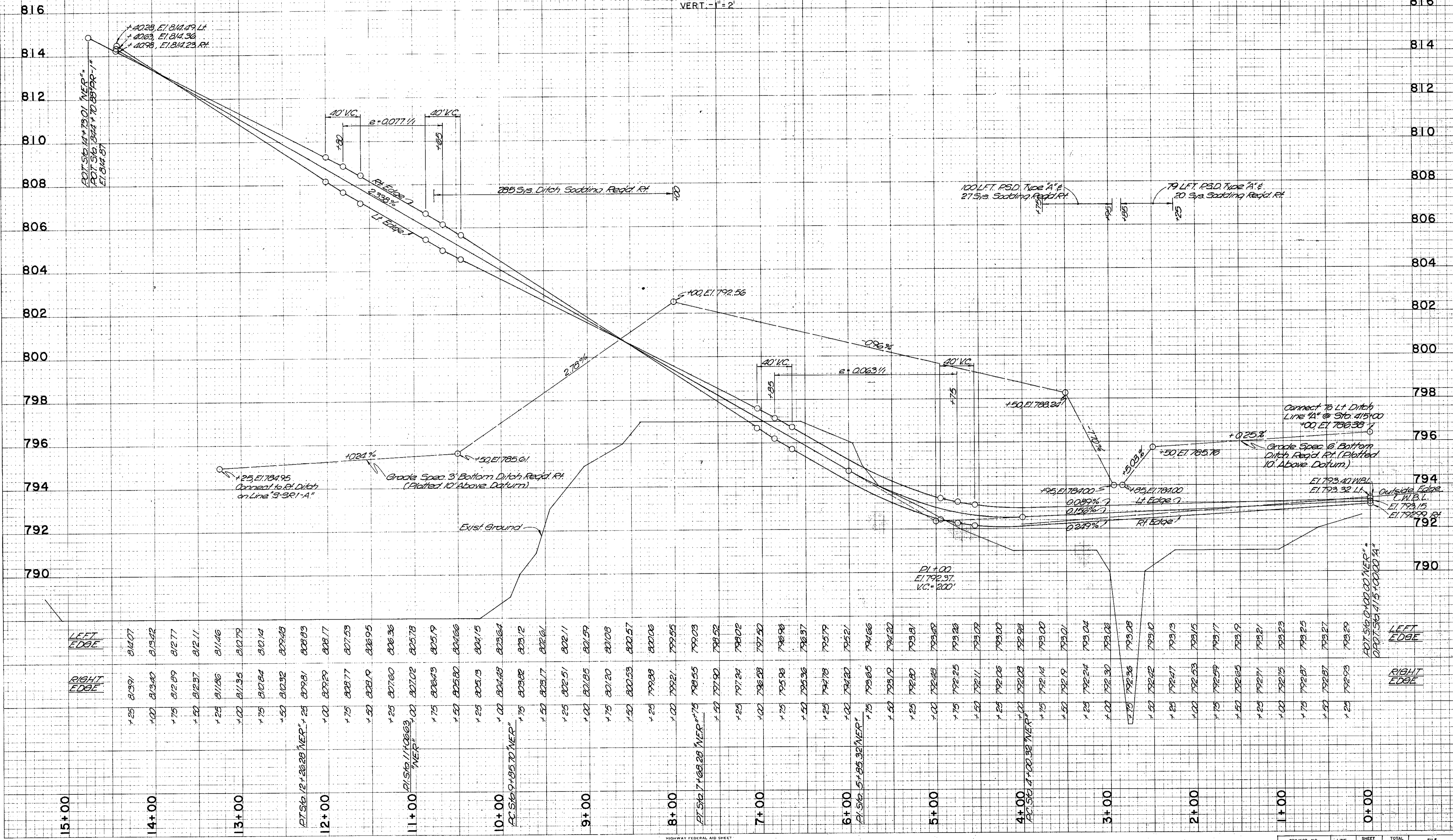
PROJECT NO.	LINE	SHEET	TOTAL SHEETS	FILE
F-170-114		33	70	

# SRI INTERCHANGE NORTHEAST RAMP

SCALE: HORIZ. - 1" = 50'  
VERT. - 1" = 2'

FINAL SURVEY DATE: \_\_\_\_\_  
NOTE BOOK NO. \_\_\_\_\_  
DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_

ORIGINAL SURVEY DATE: \_\_\_\_\_  
NOTE BOOK NO. \_\_\_\_\_  
DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_

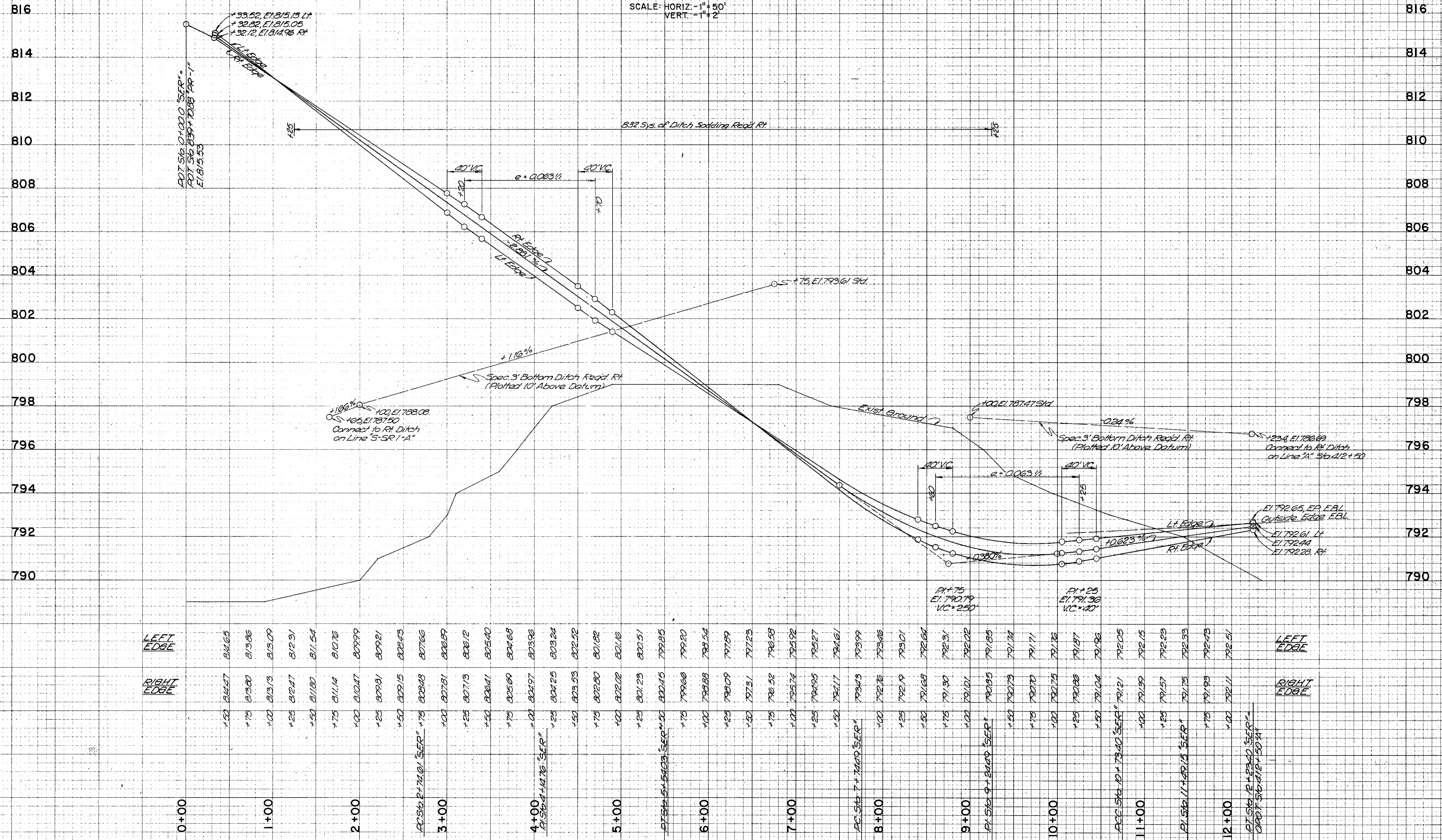




# SRI INTERCHANGE

## SOUTHEAST RAMP

SCALE: HORIZ. - 1" = 50'  
VERT. - 1" = 2'

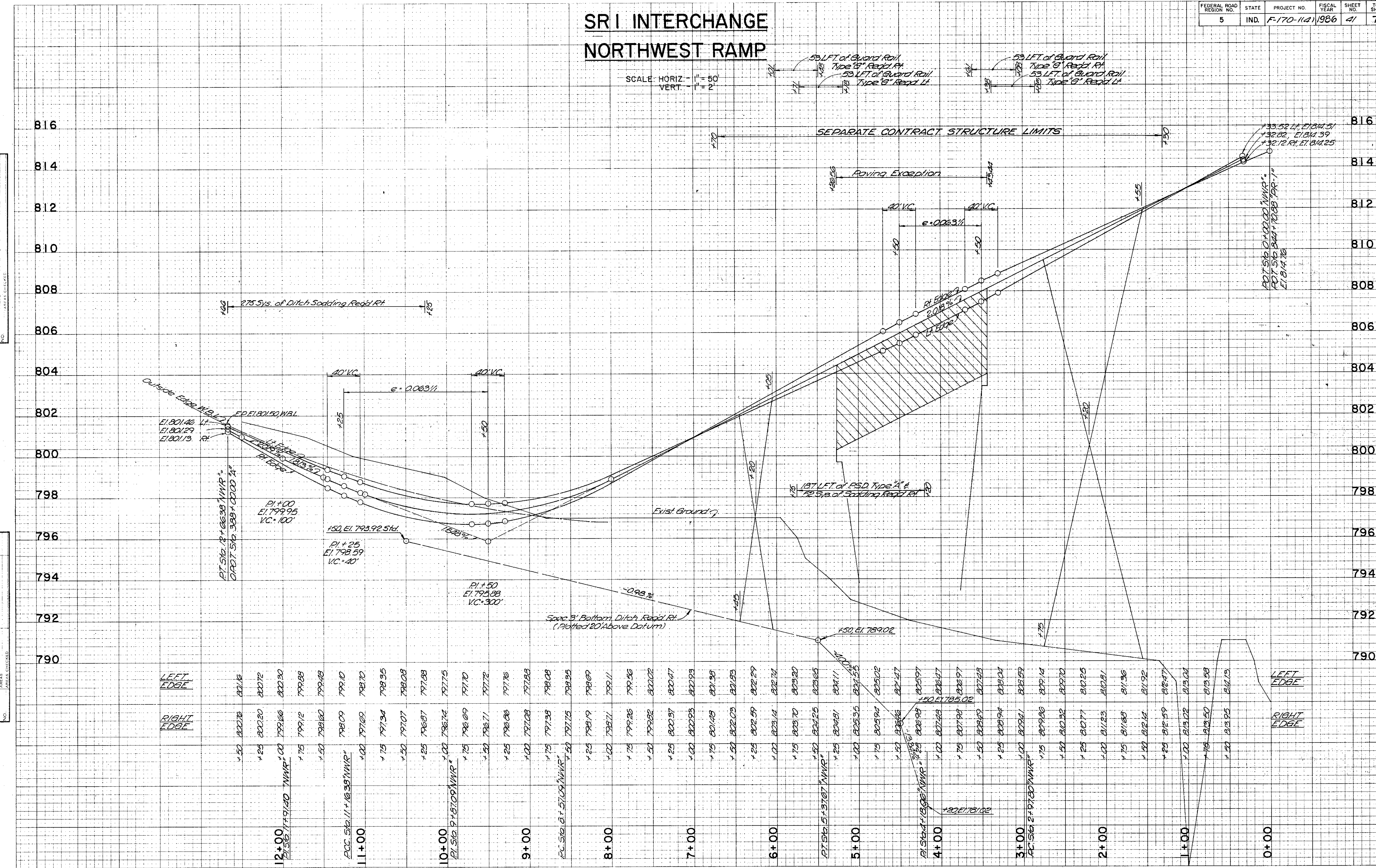


DATE: \_\_\_\_\_  
BY: \_\_\_\_\_  
FINAL SURVEY  
CHECKED  
NOTE BOOK / AREA  
NO. \_\_\_\_\_  
AREAS CHECKED

DATE: \_\_\_\_\_  
BY: \_\_\_\_\_  
ORIGINAL SURVEY  
CHECKED  
NOTE BOOK / AREA  
NO. \_\_\_\_\_  
AREAS CHECKED

# SRI INTERCHANGE NORTHWEST RAMP

SCALE: HORIZ. - 1" = 50'  
VERT. - 1" = 2'



FINAL SURVEY  
BY: [ ]  
DATE: [ ]  
NOTE BOOK NO. [ ]  
AREAS CHECKED: [ ]

ORIGINAL SURVEY  
BY: [ ]  
DATE: [ ]  
NOTE BOOK NO. [ ]  
AREAS CHECKED: [ ]

STATION	LEFT EDGE	RIGHT EDGE
12+00	801.16	802.76
11+00	798.10	798.70
10+00	797.75	798.74
9+00	797.16	797.88
8+00	796.89	797.75
7+00	800.29	802.29
6+00	802.29	802.29
5+00	805.92	805.92
4+00	807.48	807.48
3+00	809.66	809.66
2+00	810.52	810.52
1+00	811.23	811.23
0+00	814.25	814.25

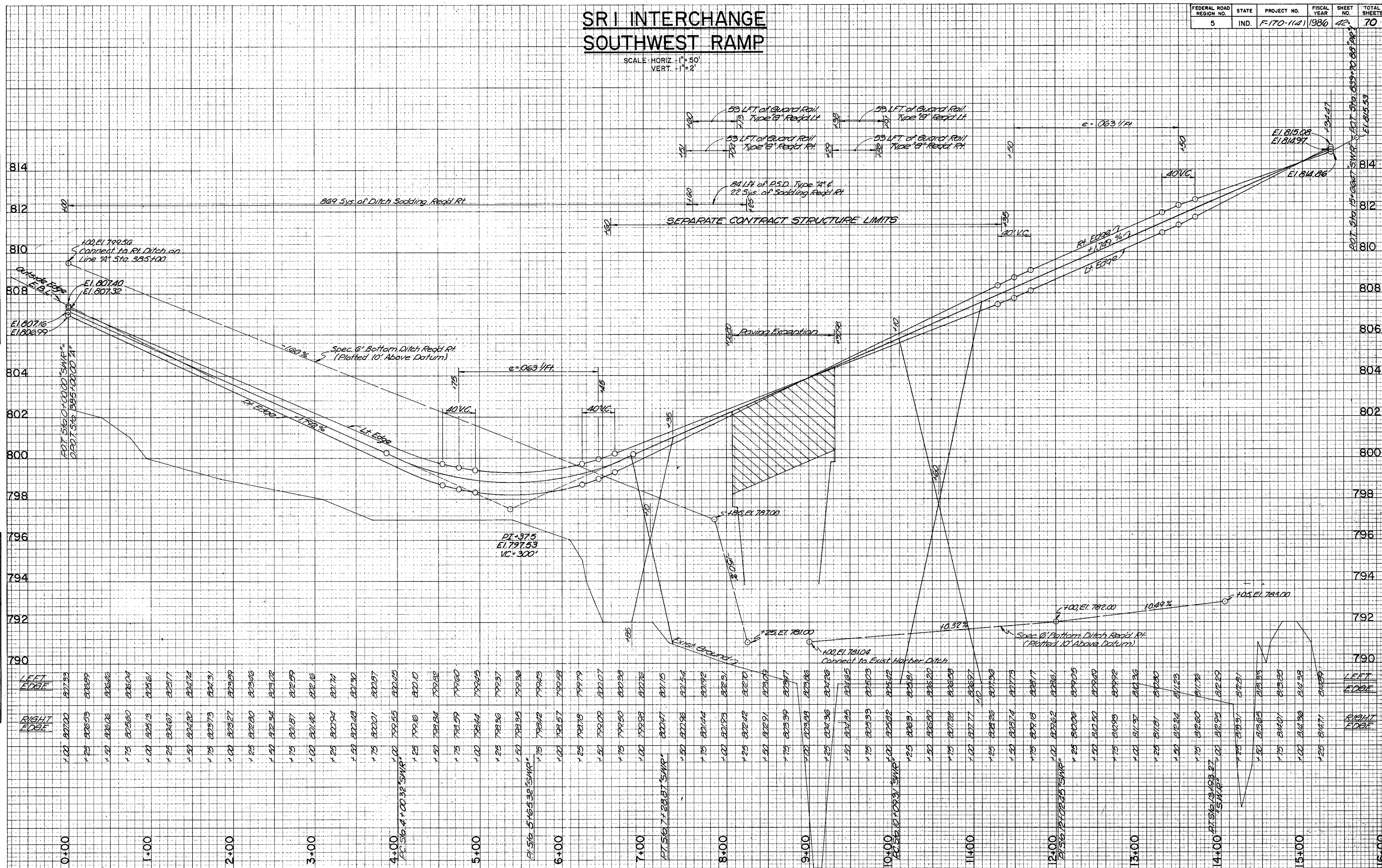
# SRI INTERCHANGE SOUTHWEST RAMP

SCALE: HORIZ. 1" = 50'  
VERT. 1" = 2'

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1141	1986	42	70

ORIGINAL SURVEY DATE  
 PRINTED BY  
 PLOTTED BY  
 TEMPLATE NO.  
 NOTE BOOK NO.  
 AREA CHECKED

ORIGINAL SURVEY DATE  
 PRINTED BY  
 PLOTTED BY  
 TEMPLATE NO.  
 NOTE BOOK NO.  
 AREA CHECKED

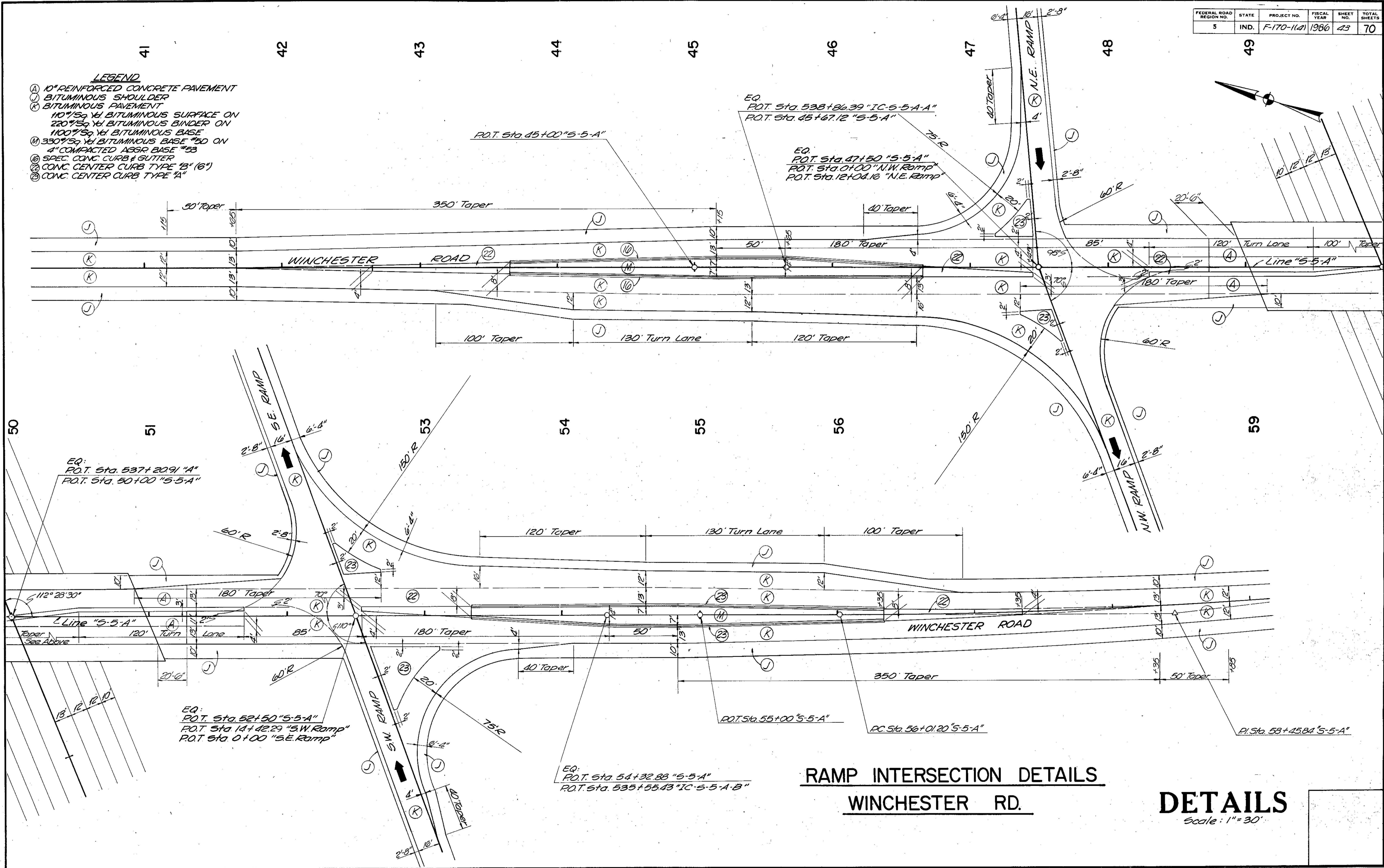


HIGHWAY FEDERAL AID SHEET  
 PLATE 3-FULL CROSS SECTION-FULL LINE  
 WITH EYE  
 PRINTED IN U.S.A.

PROJECT NO.	LINE	SHEET	TOTAL SHEETS	FILE
F-170-1141	42	70	70	42

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-11A	1986	43	70

- LEGEND**
- (A) 10" REINFORCED CONCRETE PAVEMENT
  - (B) BITUMINOUS SHOULDER
  - (C) BITUMINOUS PAVEMENT
  - (D) 110" Sq. Yd. BITUMINOUS SURFACE ON 220" Sq. Yd. BITUMINOUS BINDER ON 1100" Sq. Yd. BITUMINOUS BASE
  - (E) 330" Sq. Yd. BITUMINOUS BASE #50 ON 4" COMPACTED ABRGR BASE #53
  - (F) SPEC. CONC. CURB & GUTTER
  - (G) CONC. CENTER CURB TYPE "B" (6")
  - (H) CONC. CENTER CURB TYPE "A"

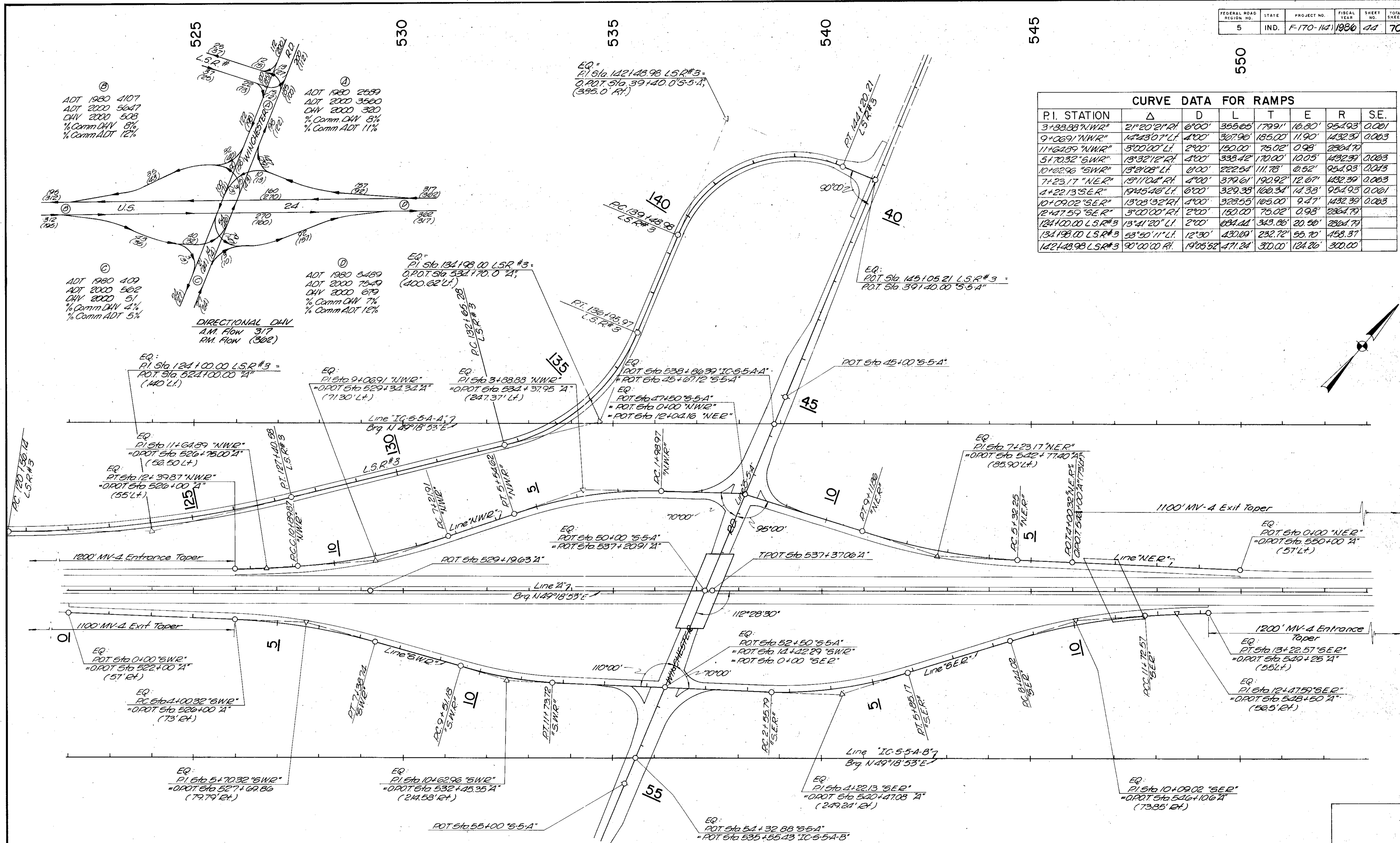


**RAMP INTERSECTION DETAILS**  
**WINCHESTER RD.**

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

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
F-170-11A		43	70	

CURVE DATA FOR RAMPS							
P.I. STATION	Δ	D	L	T	E	R	SE.
3+88.88 "N.W.R."	21°20'21" R	6'00"	355.65	1799'	16.80'	954.93	0.061
9+069.1 "N.W.R."	14°43'07" L	4'00"	367.96	185.00	11.90'	1432.39	0.063
11+64.89 "N.W.R."	3°00'00" L	2'00"	150.00	75.02	0.98'	2864.79	
5+70.32 "S.W.R."	13°32'12" R	4'00"	338.42	170.00	10.05'	1432.39	0.063
10+62.96 "S.W.R."	13°21'08" L	6'00"	222.54	111.78	0.52'	954.93	0.063
7+23.17 "N.E.R."	18°11'04" R	4'00"	379.61	190.92	12.67'	1432.39	0.063
4+22.13 "S.E.R."	19°45'46" L	6'00"	329.38	166.34	14.38'	954.93	0.061
10+09.02 "S.E.R."	13°08'32" R	4'00"	325.55	165.00	9.47'	1432.39	0.063
12+47.59 "S.E.R."	3°00'00" R	2'00"	150.00	75.02	0.98'	2864.79	
124+00.00 "L.S.R.#3"	13°41'20" L	2'00"	684.44	343.86	20.50'	2864.79	
134+198.00 "L.S.R.#3"	53°50'11" R	12'30"	430.69	232.72	55.70'	458.37	
142+148.93 "L.S.R.#3"	90°00'00" R	19°05'52"	471.24	300.00	124.26'	300.00	



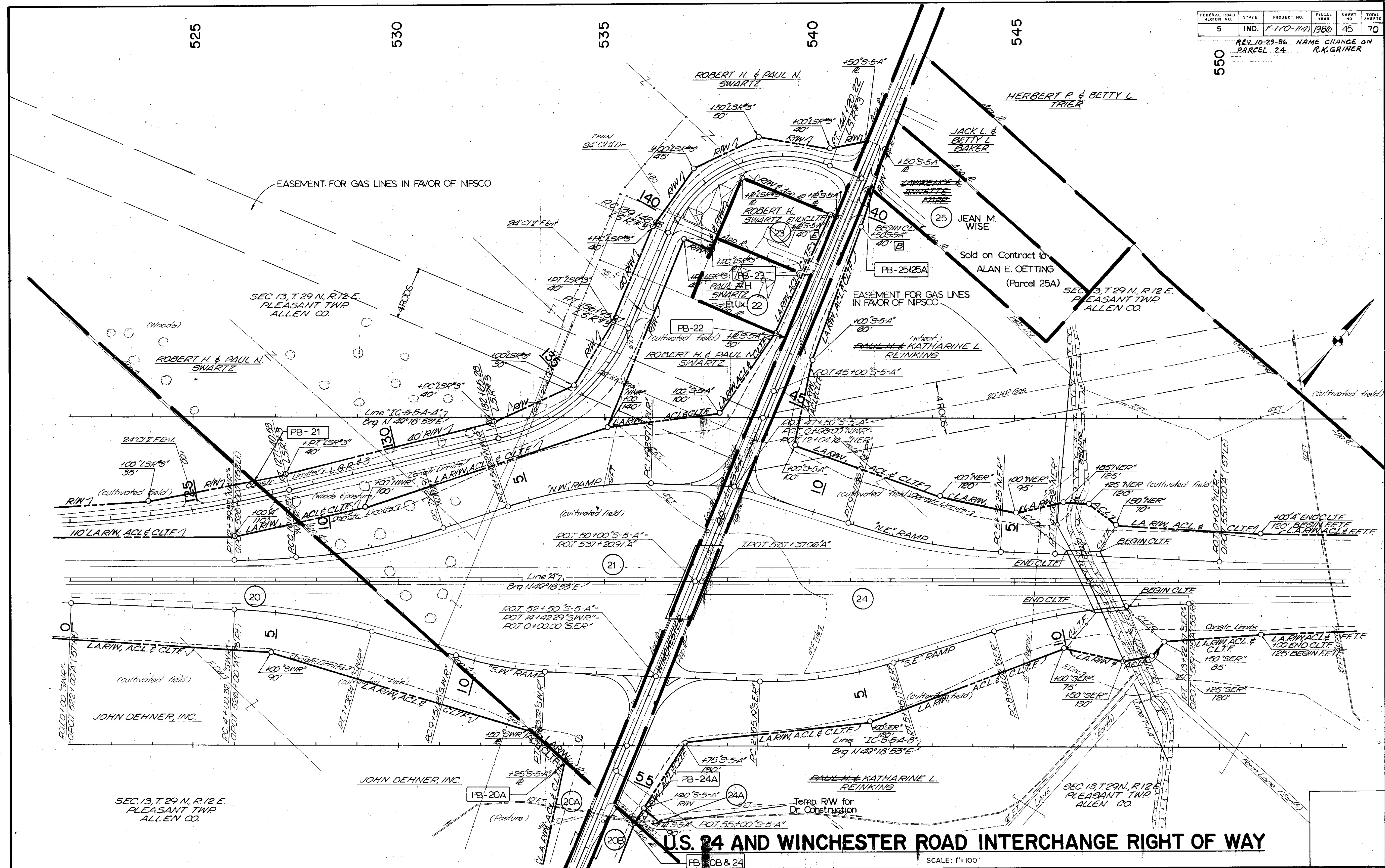
### U.S. 24 AND WINCHESTER ROAD INTERCHANGE GEOMETRICS

SCALE: 1"=100'

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-11A	1986	45	70

REV. 10-29-86 NAME CHANGE ON PARCEL 24 R.K. GRINER

550



**U.S. 24 AND WINCHESTER ROAD INTERCHANGE RIGHT OF WAY**

SCALE: 1" = 100'

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
F-170-11A		45	70	

FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-144	1986	40	70

525

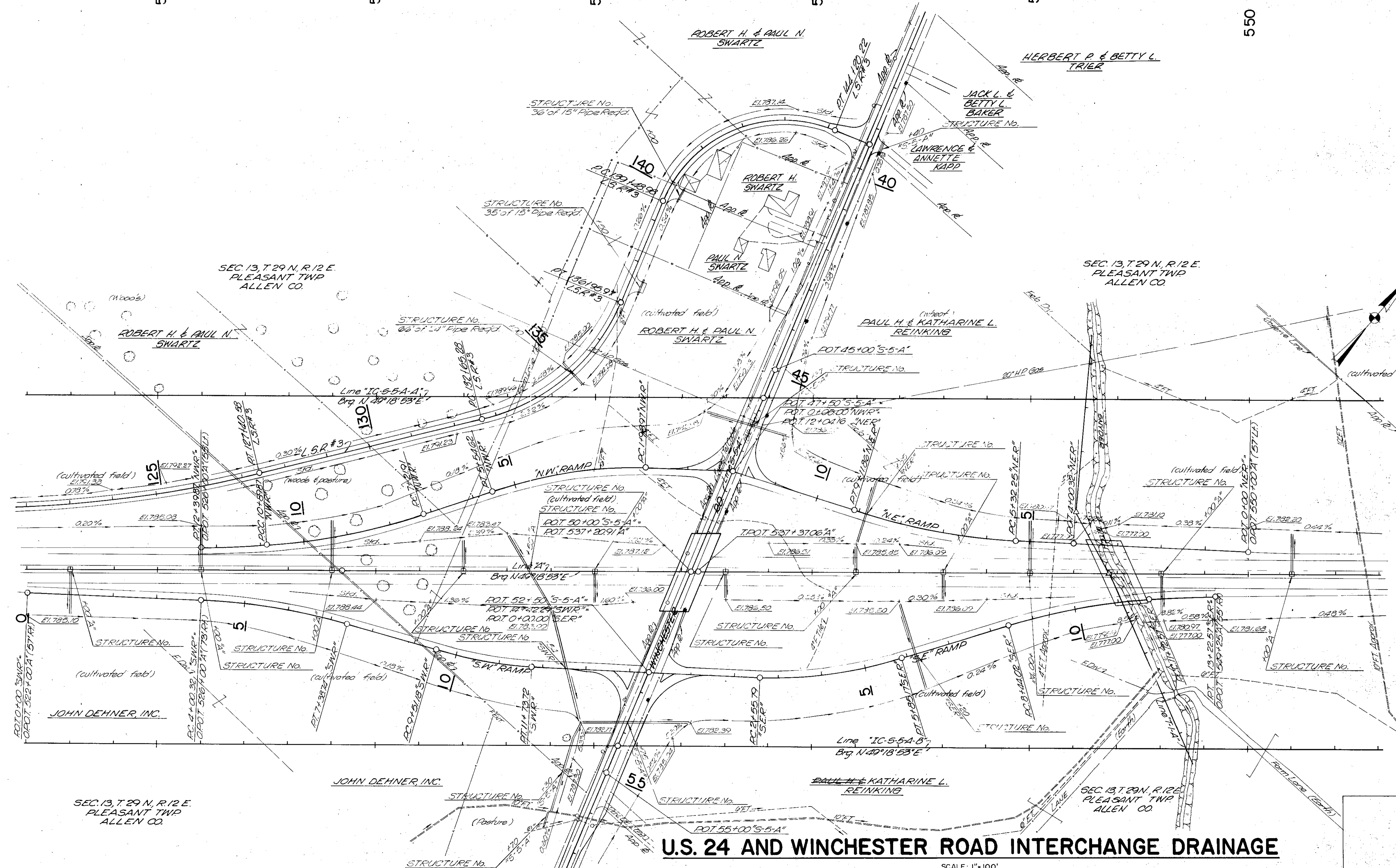
530

535

540

545

550



**U.S. 24 AND WINCHESTER ROAD INTERCHANGE DRAINAGE**

SCALE: 1" = 100'

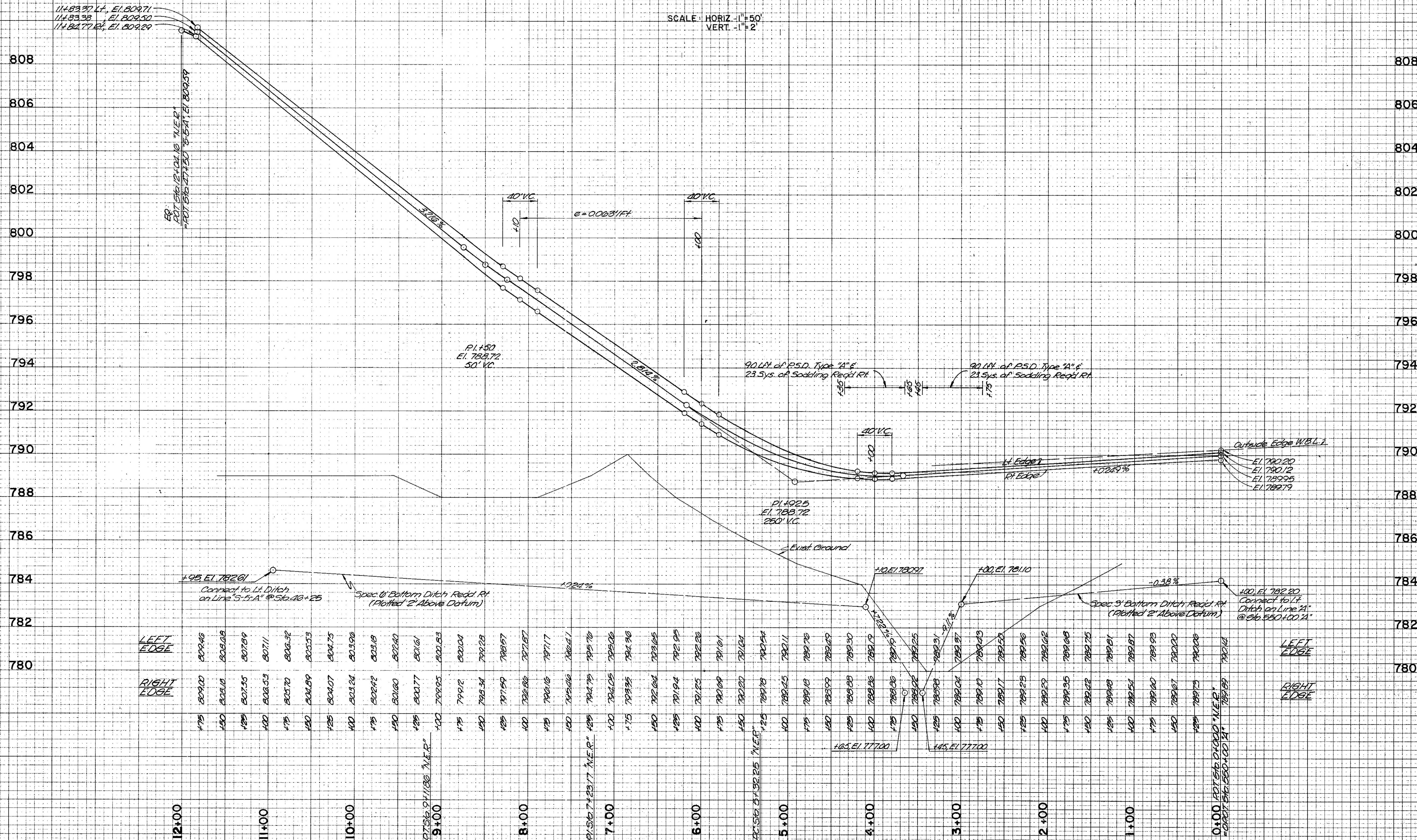
PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
F-170-144		40	70	

# WINCHESTER ROAD INTERCHANGE

## NORTHEAST RAMP

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-112	1986	47	70

SCALE: HORIZ - 1"=50'  
VERT - 1"=2'



STATION	LEFT EDGE	RIGHT EDGE
12+00	809.46	809.00
11+50	809.08	808.62
11+00	808.64	808.18
10+50	808.20	807.74
10+00	807.76	807.30
9+50	807.32	806.86
9+00	806.88	806.42
8+50	806.44	805.98
8+00	806.00	805.54
7+50	805.56	805.10
7+00	805.12	804.66
6+50	804.68	804.22
6+00	804.24	803.78
5+50	803.80	803.34
5+00	803.36	802.90
4+50	802.92	802.46
4+00	802.48	802.02
3+50	802.04	801.58
3+00	801.60	801.14
2+50	801.16	800.70
2+00	800.72	800.26
1+50	800.28	799.82
1+00	799.84	799.38
0+50	799.40	798.94
0+00	798.96	798.50

FINAL SURVEY  
NO. DATE  
BY  
SURVEYED  
PLOTTED  
NOTE BOOK  
AREAS CHECKED

ORIGINAL SURVEY  
NO. DATE  
BY  
SURVEYED  
PLOTTED  
NOTE BOOK  
AREAS CHECKED

HIGHWAY FEDERAL AID SHEET  
PLATE 3-FULL CROSS SECTION-FULL LINE  
TELETYPE  
PRINTED IN U.S.A.

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
F-170-112		47	70	

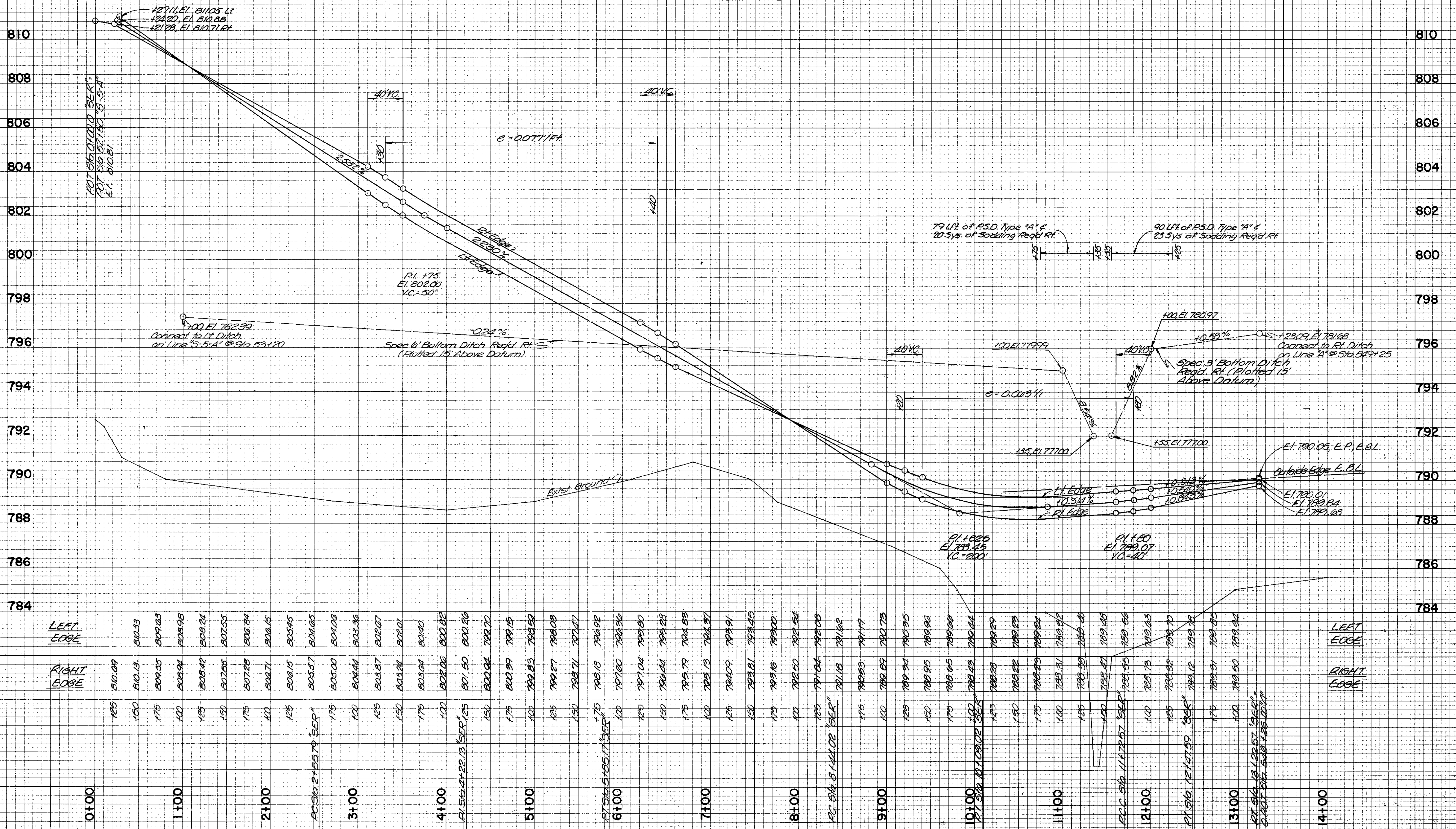
WINCHESTER RD  
N.E. RAMP  
228 Sub



# WINCHESTER ROAD INTERCHANGE SOUTHEAST RAMP

SCALE: HORIZ. - 1" = 50'  
VERT. - 1" = 2'

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1141	1986	43	70



ORIGINAL SURVEY BY DATE  
 SURVEYED BY DATE  
 CHECKED BY DATE  
 NOTE BOOK NO.  
 TEMPLATE NO.  
 AREAS CHECKED

ORIGINAL SURVEY BY DATE  
 SURVEYED BY DATE  
 CHECKED BY DATE  
 NOTE BOOK NO.  
 TEMPLATE NO.  
 AREAS CHECKED

HIGHWAY FEDERAL AID SHEET  
PLATE 3-FULL CROSS SECTION-FULL LINE  
PRINTED IN U.S.A.

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
F-170-1141	WINCHESTER RD. SE RAMP	43	70	

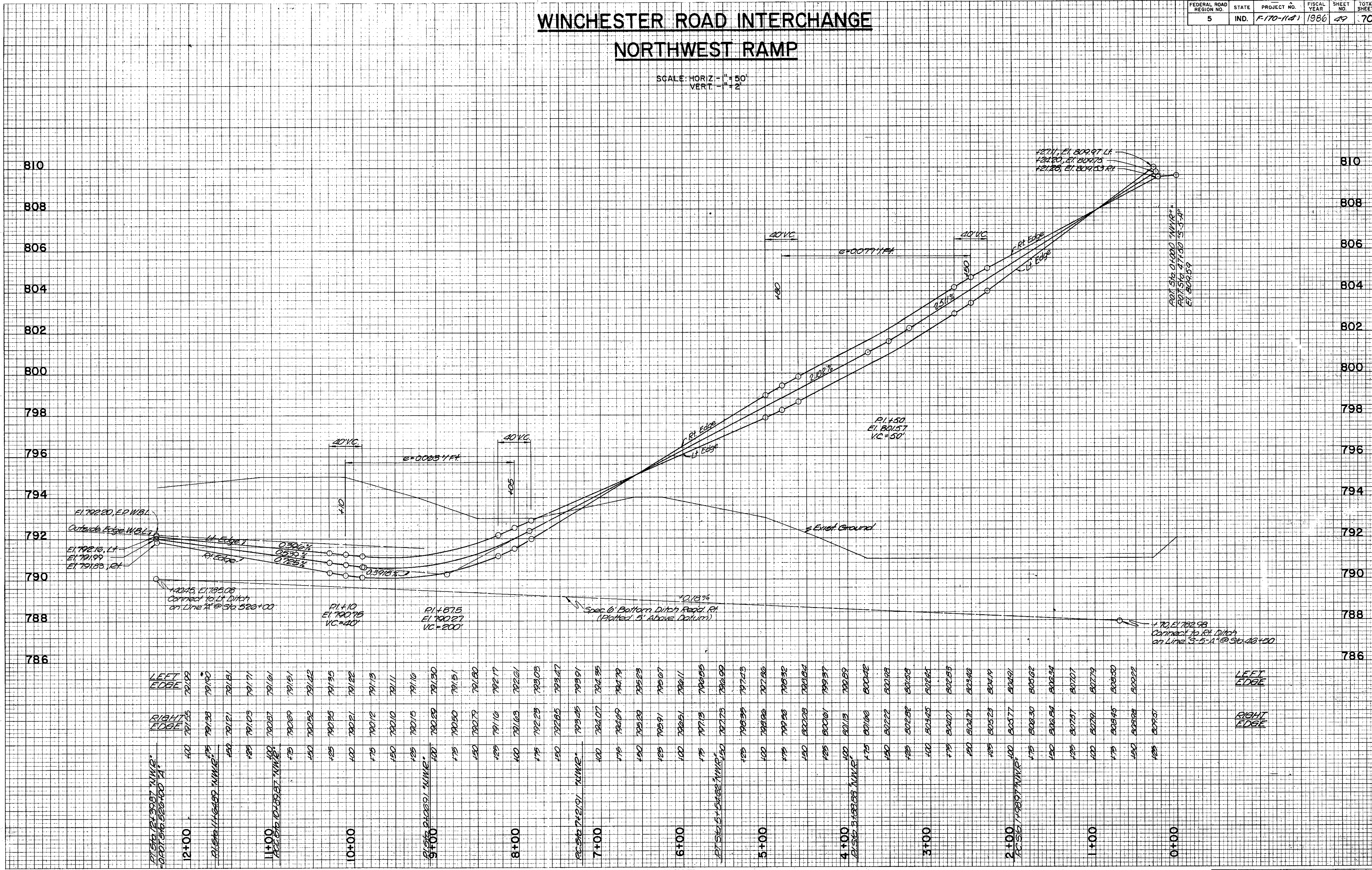
# WINCHESTER ROAD INTERCHANGE NORTHWEST RAMP

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1141	1986	49	70

SCALE: HORIZ - 1" = 50'  
VERT - 1" = 2'

FINAL SURVEY	DATE
REVISIONS	BY
NOTED	
REPLACED	
TEMPERATURE	
NOTE BOOK	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	DATE
REVISIONS	BY
NOTED	
REPLACED	
TEMPERATURE	
NOTE BOOK	
AREAS CHECKED	
NO.	



	LEFT EDGE	RIGHT EDGE									LEFT EDGE	RIGHT EDGE
12+00	791.99	791.35	400	791.35	791.35	791.35	791.35	791.35	791.35	791.35	791.35	791.35
11+00	791.81	791.21	400	791.21	791.21	791.21	791.21	791.21	791.21	791.21	791.21	791.21
10+00	791.71	791.05	400	791.05	791.05	791.05	791.05	791.05	791.05	791.05	791.05	791.05
9+00	791.61	790.97	400	790.97	790.97	790.97	790.97	790.97	790.97	790.97	790.97	790.97
8+00	791.51	790.89	400	790.89	790.89	790.89	790.89	790.89	790.89	790.89	790.89	790.89
7+00	791.41	790.82	400	790.82	790.82	790.82	790.82	790.82	790.82	790.82	790.82	790.82
6+00	791.31	790.75	400	790.75	790.75	790.75	790.75	790.75	790.75	790.75	790.75	790.75
5+00	791.21	790.68	400	790.68	790.68	790.68	790.68	790.68	790.68	790.68	790.68	790.68
4+00	791.11	790.61	400	790.61	790.61	790.61	790.61	790.61	790.61	790.61	790.61	790.61
3+00	791.01	790.54	400	790.54	790.54	790.54	790.54	790.54	790.54	790.54	790.54	790.54
2+00	790.91	790.47	400	790.47	790.47	790.47	790.47	790.47	790.47	790.47	790.47	790.47
1+00	790.81	790.40	400	790.40	790.40	790.40	790.40	790.40	790.40	790.40	790.40	790.40
0+00	790.71	790.33	400	790.33	790.33	790.33	790.33	790.33	790.33	790.33	790.33	790.33

HIGHWAY FEDERAL AID SHEET  
PLATE 3-FULL CROSS SECTION-FULL LINE  
PRINTED IN U.S.A.

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
F-170-1141	49	70	70	WINCHESTER RD NW RAMP 208 606

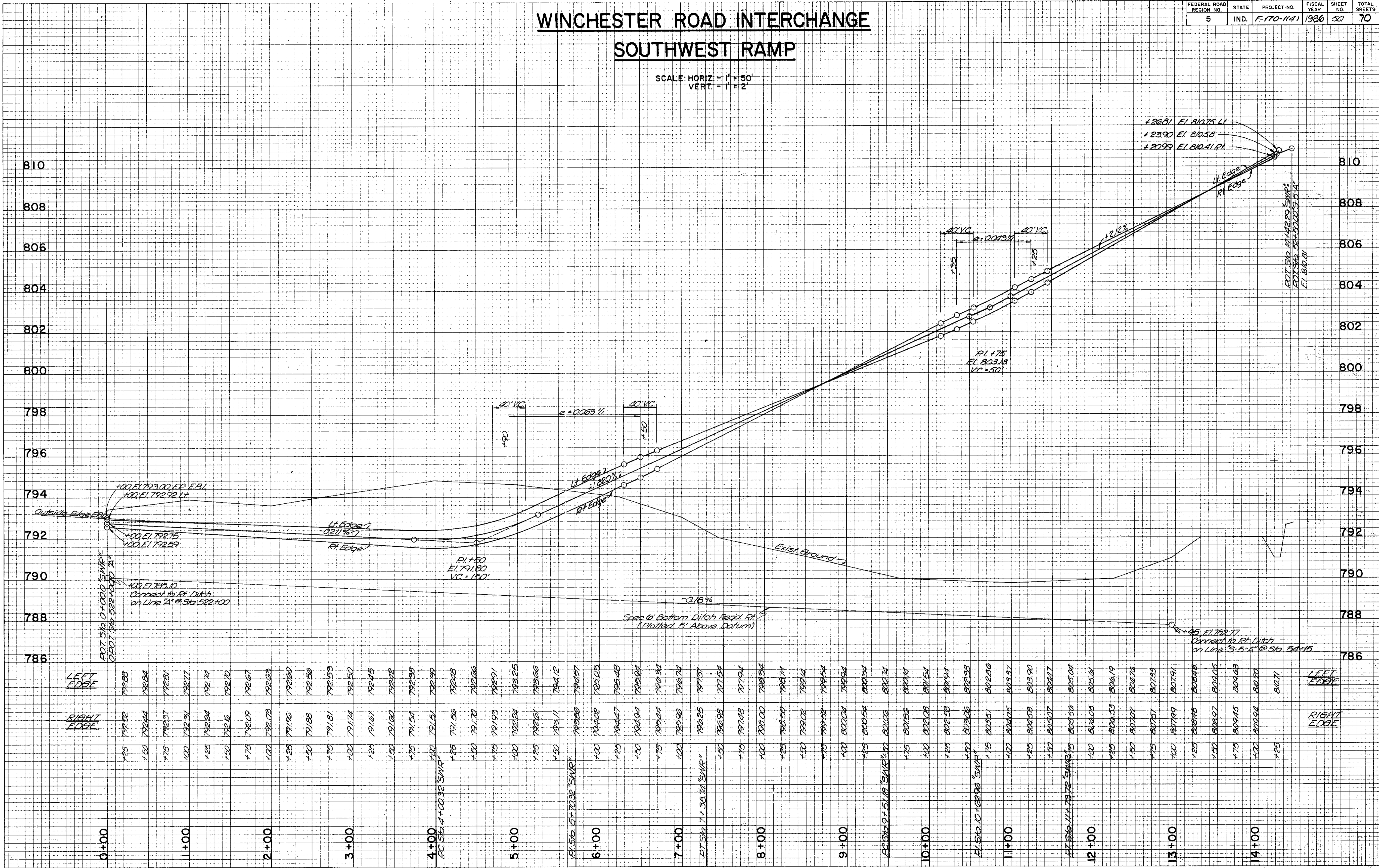
# WINCHESTER ROAD INTERCHANGE SOUTHWEST RAMP

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1141	1986	50	70

SCALE: HORIZ - 1" = 50'  
VERT - 1" = 2'

DATE	BY
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	NO.

DATE	BY
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	NO.



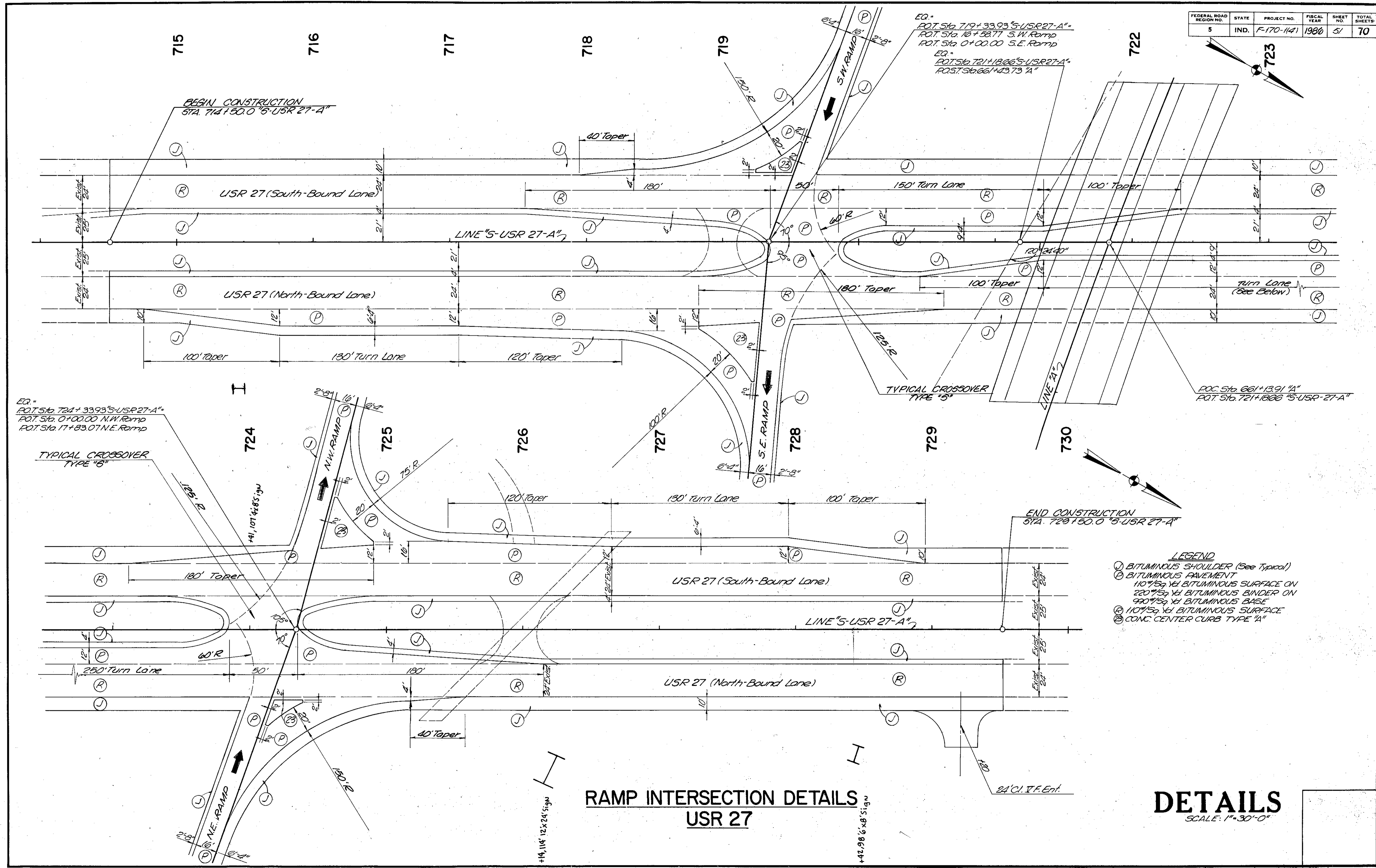
STATION	LEFT EDGE	RIGHT EDGE
0+00	792.89	792.82
0+25	792.84	792.77
0+50	792.81	792.74
0+75	792.77	792.70
1+00	792.67	792.63
1+25	792.60	792.56
1+50	792.53	792.50
1+75	792.45	792.42
2+00	792.35	792.32
2+25	792.39	792.36
2+50	792.48	792.45
2+75	792.51	792.48
3+00	792.56	792.53
3+25	792.61	792.58
3+50	792.66	792.63
3+75	792.71	792.68
4+00	792.74	792.71
4+25	792.77	792.74
4+50	792.80	792.77
4+75	792.83	792.80
5+00	792.86	792.83
5+25	792.89	792.86
5+50	792.92	792.89
5+75	792.95	792.92
6+00	792.98	792.95
6+25	793.01	792.98
6+50	793.04	793.01
6+75	793.07	793.04
7+00	793.10	793.07
7+25	793.13	793.10
7+50	793.16	793.13
7+75	793.19	793.16
8+00	793.22	793.19
8+25	793.25	793.22
8+50	793.28	793.25
8+75	793.31	793.28
9+00	793.34	793.31
9+25	793.37	793.34
9+50	793.40	793.37
9+75	793.43	793.40
10+00	793.46	793.43
10+25	793.49	793.46
10+50	793.52	793.49
10+75	793.55	793.52
11+00	793.58	793.55
11+25	793.61	793.58
11+50	793.64	793.61
11+75	793.67	793.64
12+00	793.70	793.67
12+25	793.73	793.70
12+50	793.76	793.73
12+75	793.79	793.76
13+00	793.82	793.79
13+25	793.85	793.82
13+50	793.88	793.85
13+75	793.91	793.88
14+00	793.94	793.91
14+25	793.97	793.94
14+50	794.00	793.97
14+75	794.03	794.00
15+00	794.06	794.03

HIGHWAY FEDERAL AID SHEET  
PLATE 3-FULL CROSS SECTION-FULL LINE  
PRINTED IN U.S.A.

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
F-170-1141	WINCHESTER RD	50	70	

WINCHESTER RD  
SW RAMP 2ND SUB

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1141	1986	51	70

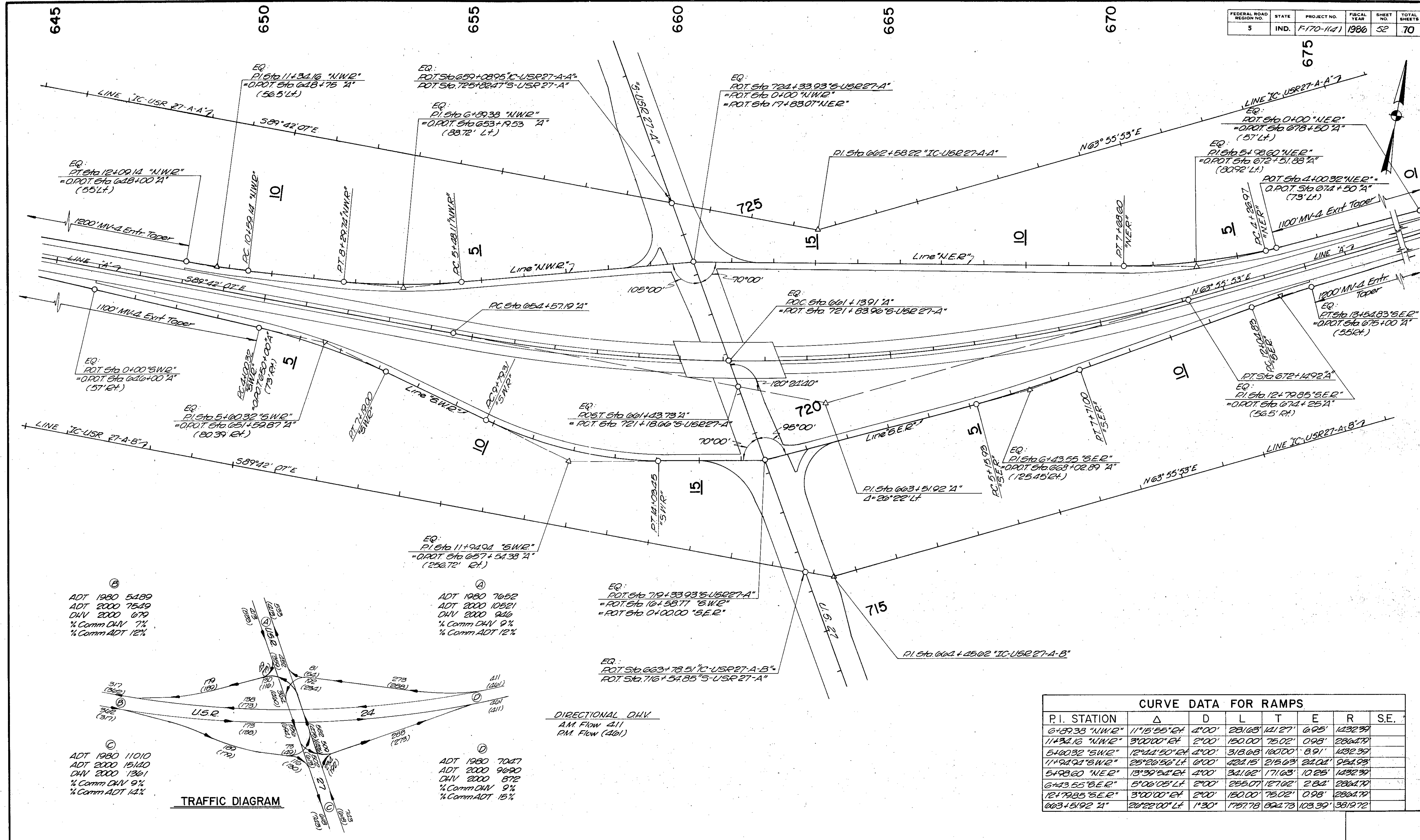


- LEGEND**
- ⊙ BITUMINOUS SHOULDER (See Typical)
  - ⊙ BITUMINOUS PAVEMENT
  - ⊙ 110' 5/8" x 1/2" BITUMINOUS SURFACE ON 220' 5/8" x 1/2" BITUMINOUS BINDER ON 990' 5/8" x 1/2" BITUMINOUS BASE
  - ⊙ 110' 5/8" x 1/2" BITUMINOUS SURFACE
  - ⊙ CONC. CENTER CURB TYPE 'A'

**RAMP INTERSECTION DETAILS  
 USR 27**

**DETAILS**  
 SCALE: 1"=30'-0"

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
F-170-1141		51	70	



⑥  
 ADT 1980 5489  
 ADT 2000 7549  
 DHV 2000 670  
 % Comm DHV 7%  
 % Comm ADT 12%

⑦  
 ADT 1980 7652  
 ADT 2000 10521  
 DHV 2000 946  
 % Comm DHV 9%  
 % Comm ADT 12%

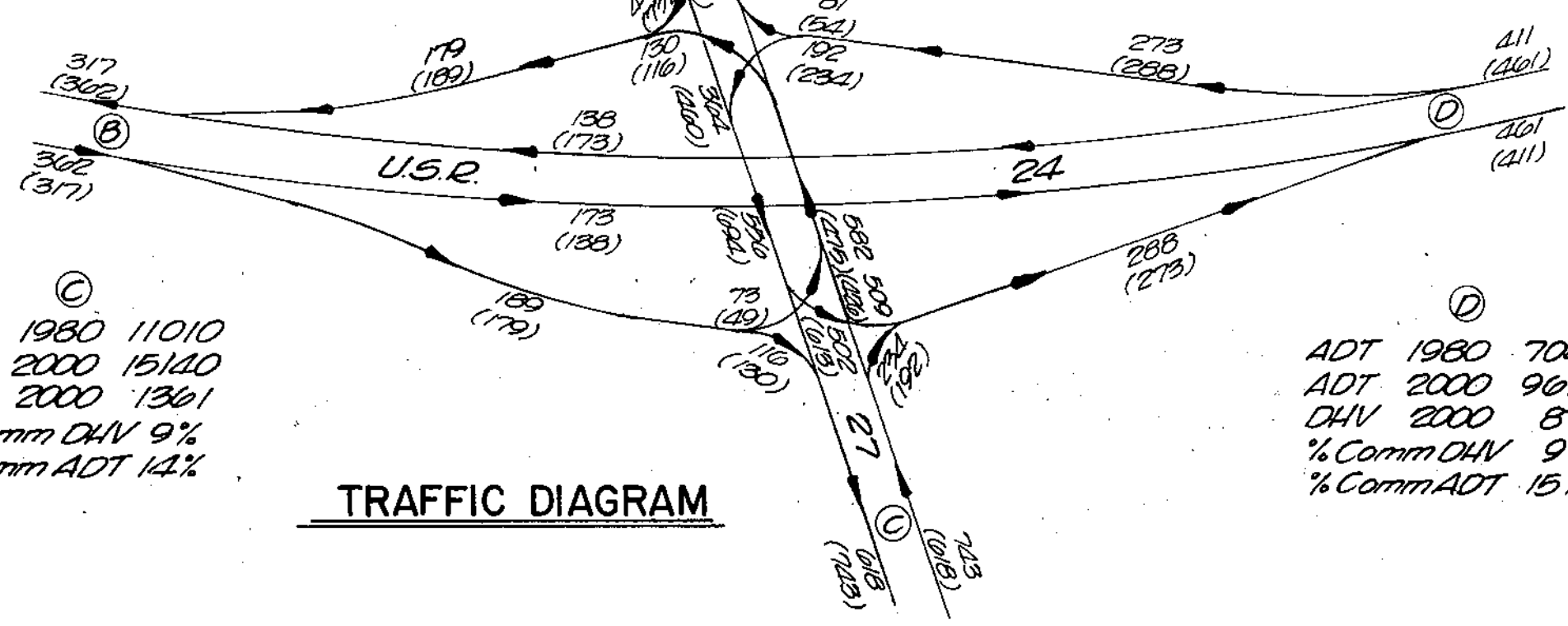
⑧  
 EQ: POT Sta 719+33.93 "S.W.R."  
 = POT Sta 10+58.77 "S.W.R."  
 = POT Sta 0+00.00 "S.E.R."

EQ: POT Sta 663+78.51 "IC-USR 27-A-B"  
 POT Sta 716+54.85 "S-USR 27-A"

⑨  
 ADT 1980 7047  
 ADT 2000 9690  
 DHV 2000 872  
 % Comm DHV 9%  
 % Comm ADT 15%

⑩  
 ADT 1980 11010  
 ADT 2000 15140  
 DHV 2000 1361  
 % Comm DHV 9%  
 % Comm ADT 14%

TRAFFIC DIAGRAM



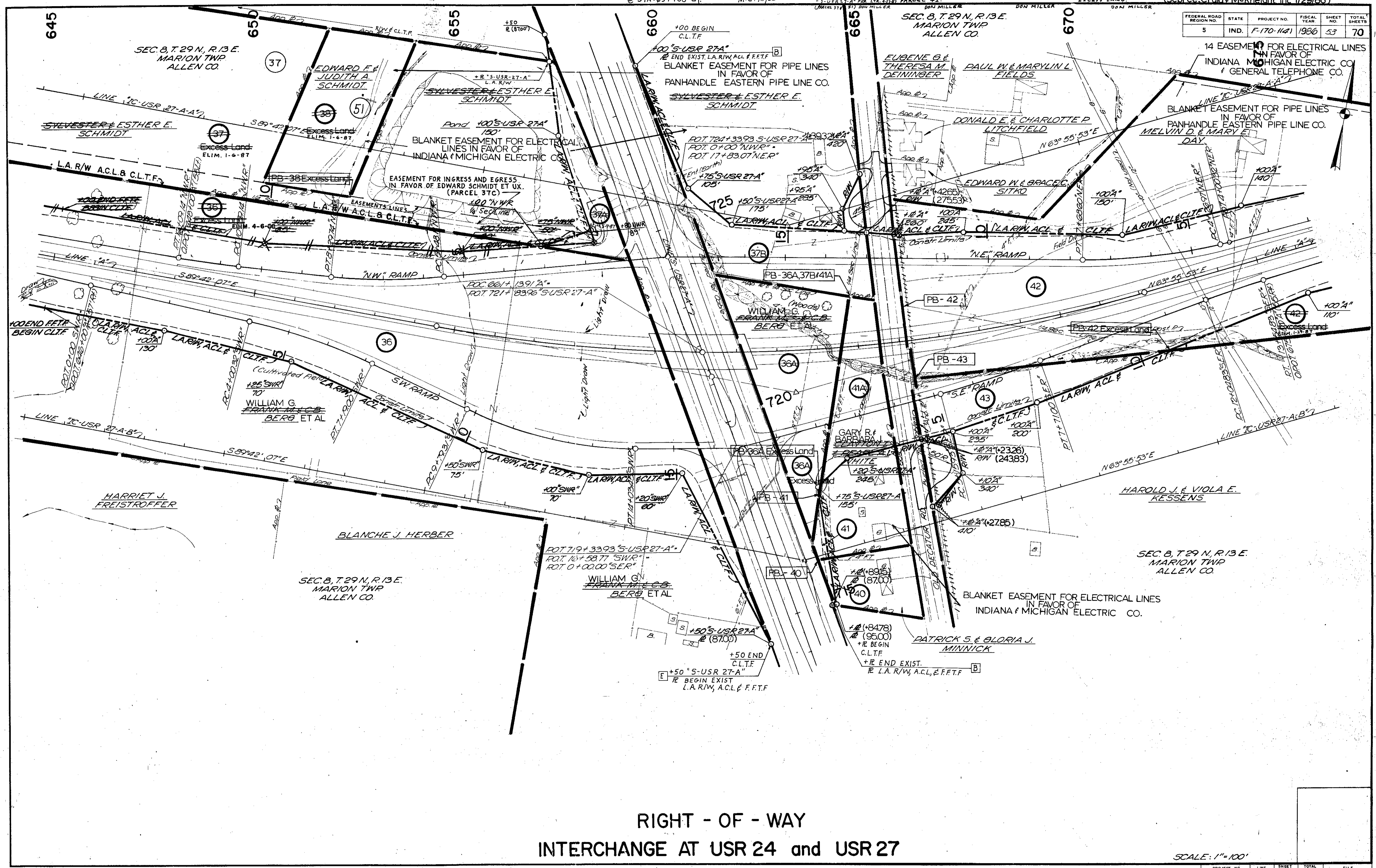
DIRECTIONAL DHV  
 AM Flow 411  
 PM Flow 461

CURVE DATA FOR RAMPS							
P.I. STATION	Δ	D	L	T	E	R	S.E.
6+89.33 "N.W.R."	11°15'55" E	4'00"	281.68	141.27	6.95	1432.79	
11+34.16 "N.W.R."	3°00'00" E	2'00"	150.00	75.02	0.98	2864.79	
5+00.32 "S.W.R."	12°41'50" E	4'00"	318.68	160.00	8.91	1432.39	
11+94.94 "S.W.R."	25°20'56" E	6'00"	422.15	211.63	24.04	954.93	
5+98.60 "N.E.R."	13°39'54" E	4'00"	341.62	171.63	10.25	1432.39	
6+43.55 "S.E.R."	5°06'05" E	2'00"	255.07	127.02	2.34	2864.79	
12+79.85 "S.E.R."	3°00'00" E	2'00"	150.00	75.02	0.98	2864.79	
603+51.92 "A"	20°22'00" E	1'30"	175.78	89.47	103.39	3819.72	

USR 24 AND USR 27 INTERCHANGE GEOMETRICS

SCALE: 1" = 100'

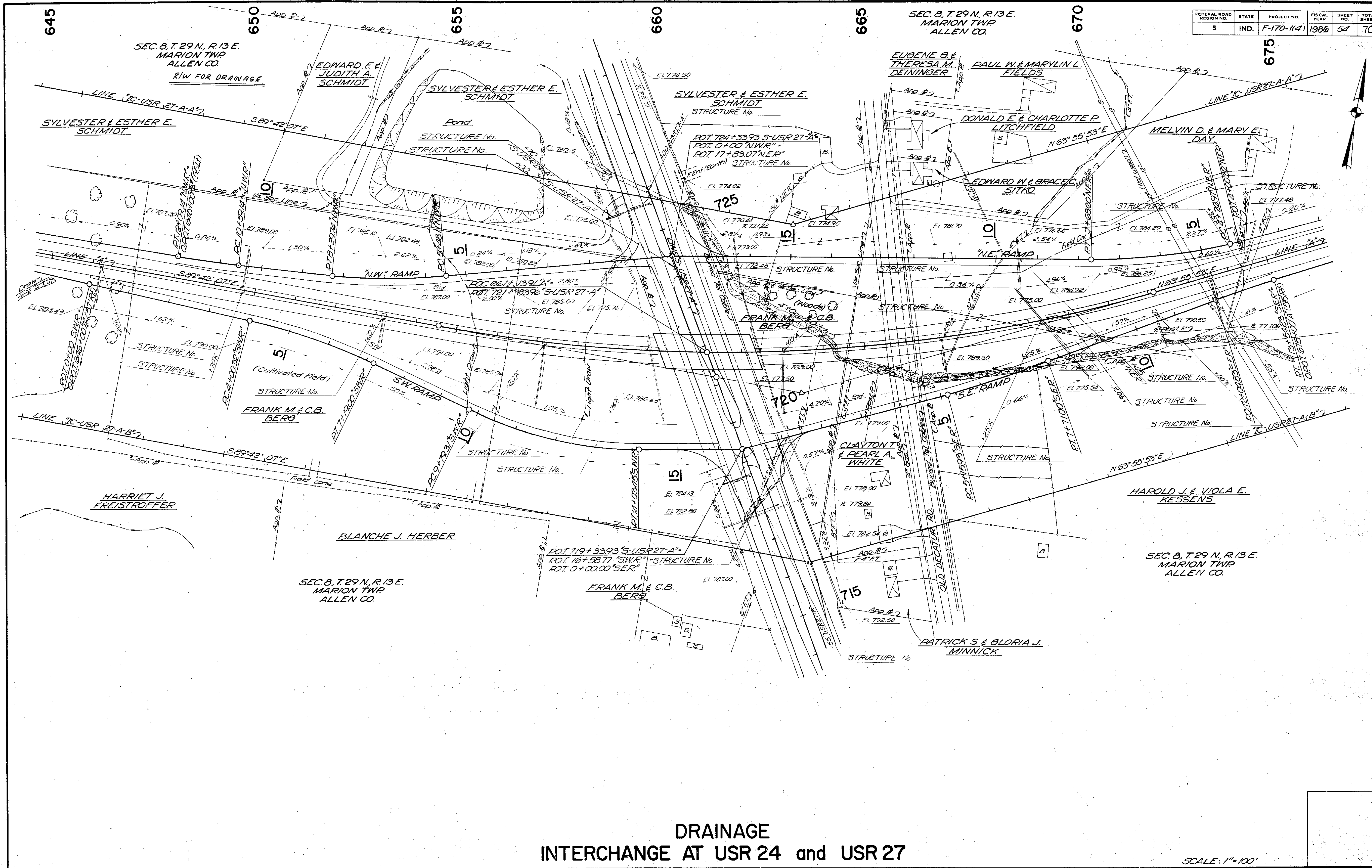
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-11A1	1986	53	70



RIGHT - OF - WAY  
 INTERCHANGE AT USR 24 and USR 27

SCALE: 1"=100'

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
F-170-11A1		53	70	



FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1141	1986	54	70

**DRAINAGE INTERCHANGE AT USR 24 and USR 27**

SCALE: 1"=100'

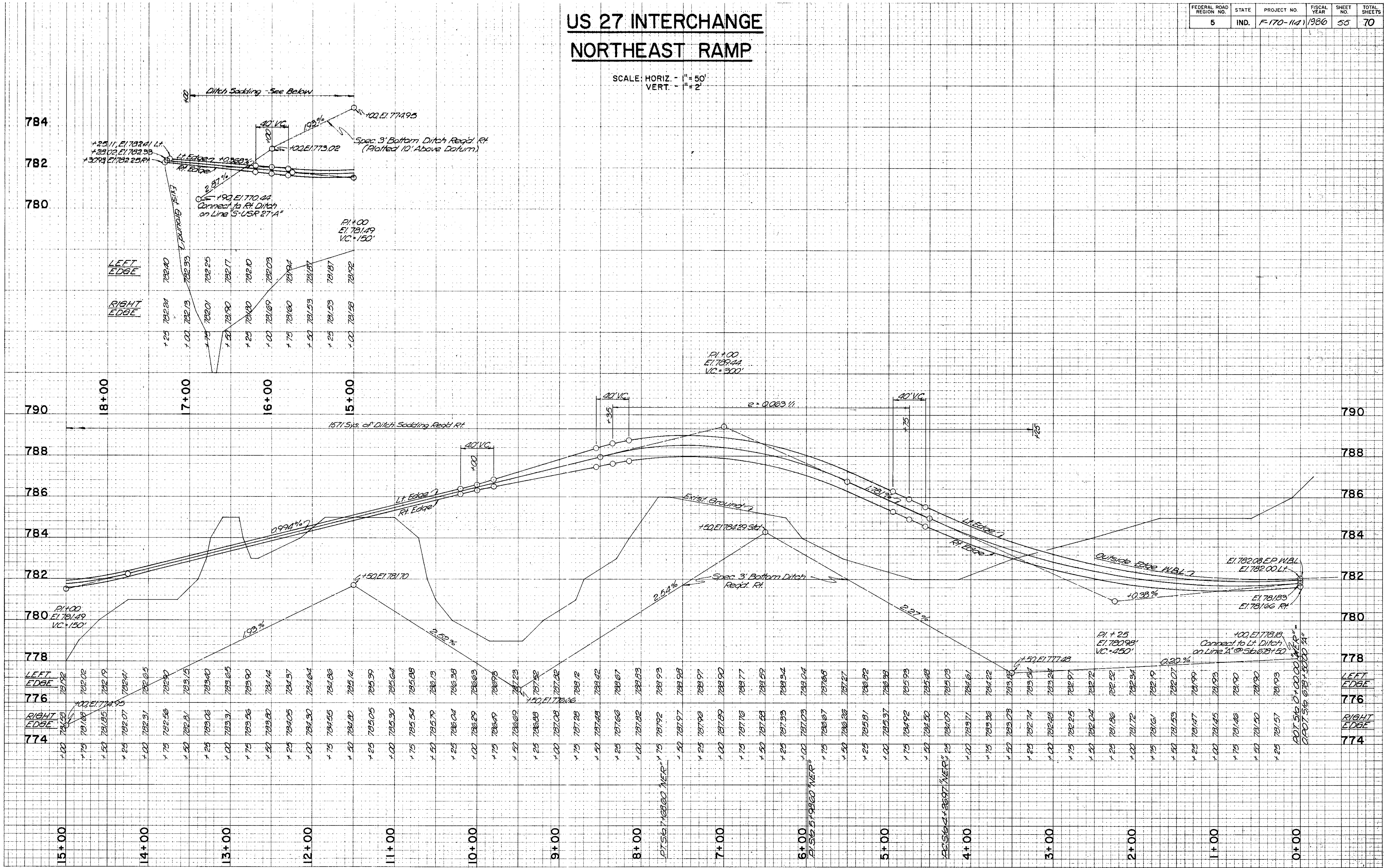
PROJECT NO.	LINE NO.	SHEET NO.	TOTAL SHEETS	FILE
F-170-1141		54	70	

# US 27 INTERCHANGE NORTHEAST RAMP

SCALE: HORIZ - 1" = 50'  
VERT - 1" = 2'

FINAL SURVEY PLOTTED  
NOTE BOOK TEMPLATE NO. 4845 CHECKED

DATE BY  
ORIGINAL SURVEY PLOTTED  
NOTE BOOK TEMPLATE NO. 4845 CHECKED





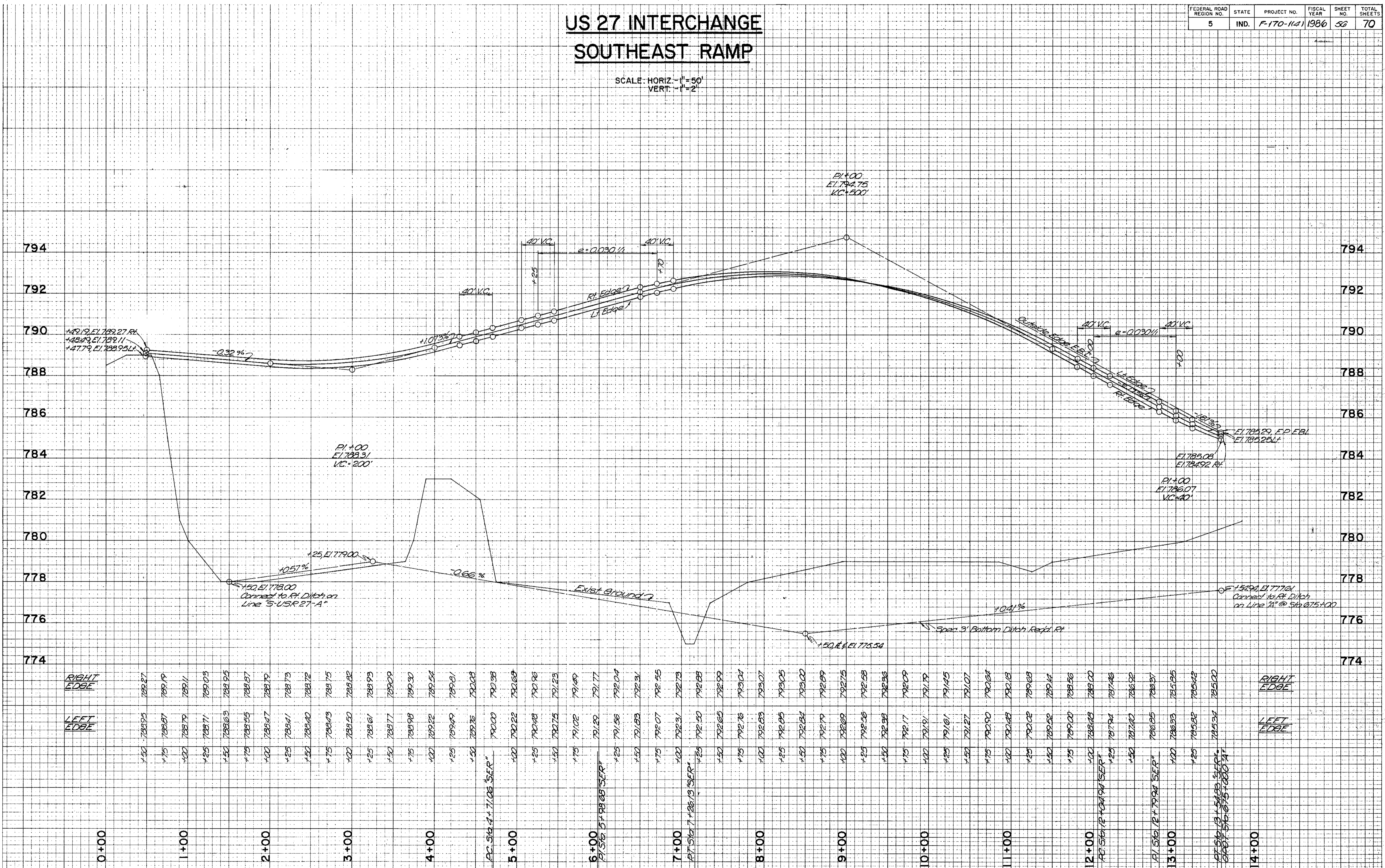
# US 27 INTERCHANGE SOUTHEAST RAMP

SCALE: HORIZ. - 1" = 50'  
VERT. - 1" = 2'

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1141	1986	56	70

FINAL SURVEY PLOTTED  
 NOTE BOOK AREAS CHECKED  
 BY: \_\_\_\_\_ DATE: \_\_\_\_\_

ORIGINAL SURVEY PLOTTED  
 NOTE BOOK AREAS CHECKED  
 BY: \_\_\_\_\_ DATE: \_\_\_\_\_

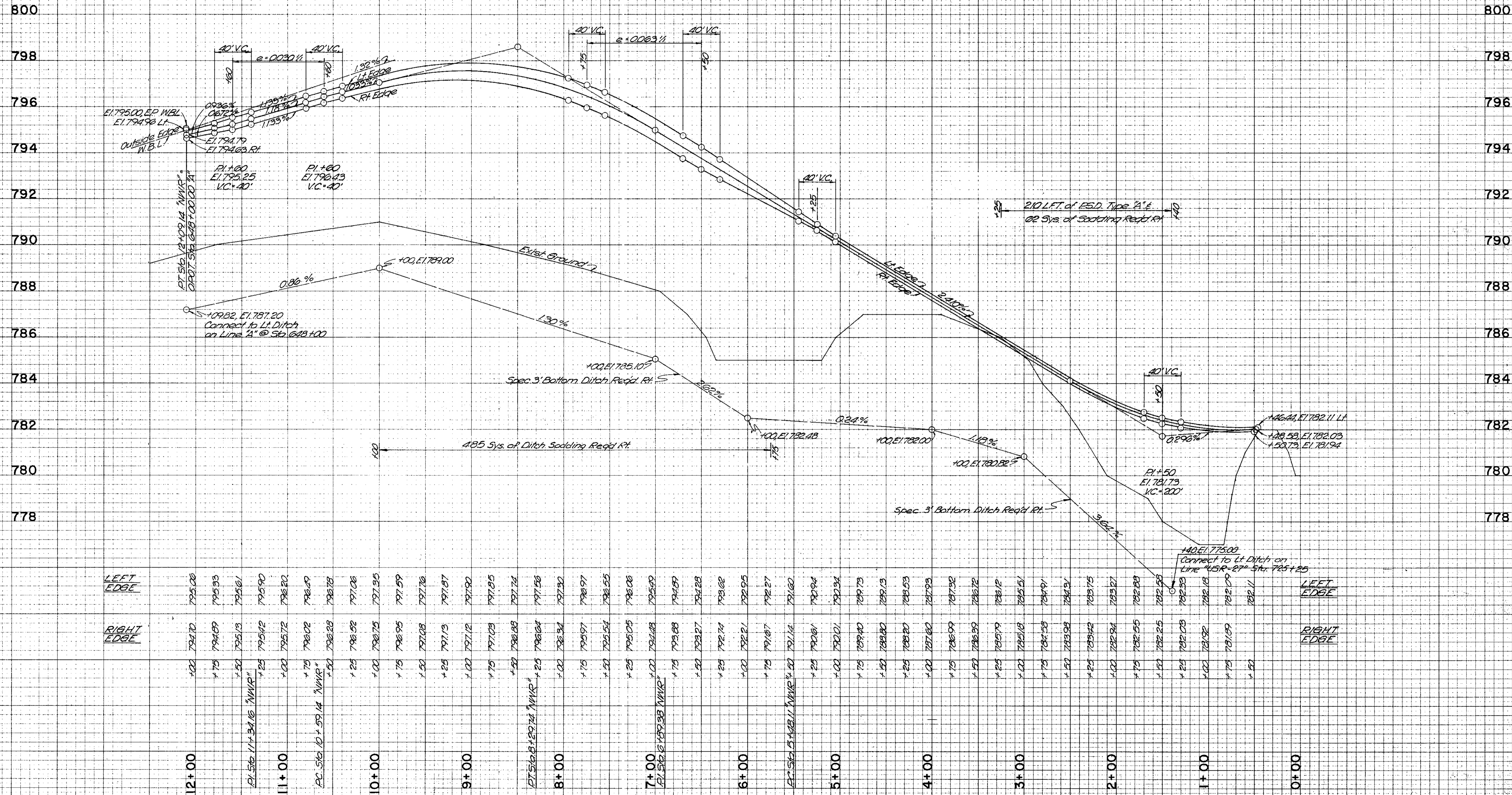


HIGHWAY FEDERAL AID SHEET  
 PLATE 3-FULL CROSS SECTION-FULL LINE  
 PRINTED IN U.S.A.

# US 27 INTERCHANGE NORTHWEST RAMP

FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1141	1986	57	70

SCALE: HORIZ. - 1" = 50'  
VERT. - 1" = 2'



FINAL SURVEY  
BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
REVIEWED: \_\_\_\_\_  
TEMPLATE: \_\_\_\_\_  
NOTE BOOK: \_\_\_\_\_  
NO. \_\_\_\_\_  
AREAS CHECKED: \_\_\_\_\_

ORIGINAL SURVEY  
BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
REVIEWED: \_\_\_\_\_  
TEMPLATE: \_\_\_\_\_  
NOTE BOOK: \_\_\_\_\_  
NO. \_\_\_\_\_  
AREAS CHECKED: \_\_\_\_\_

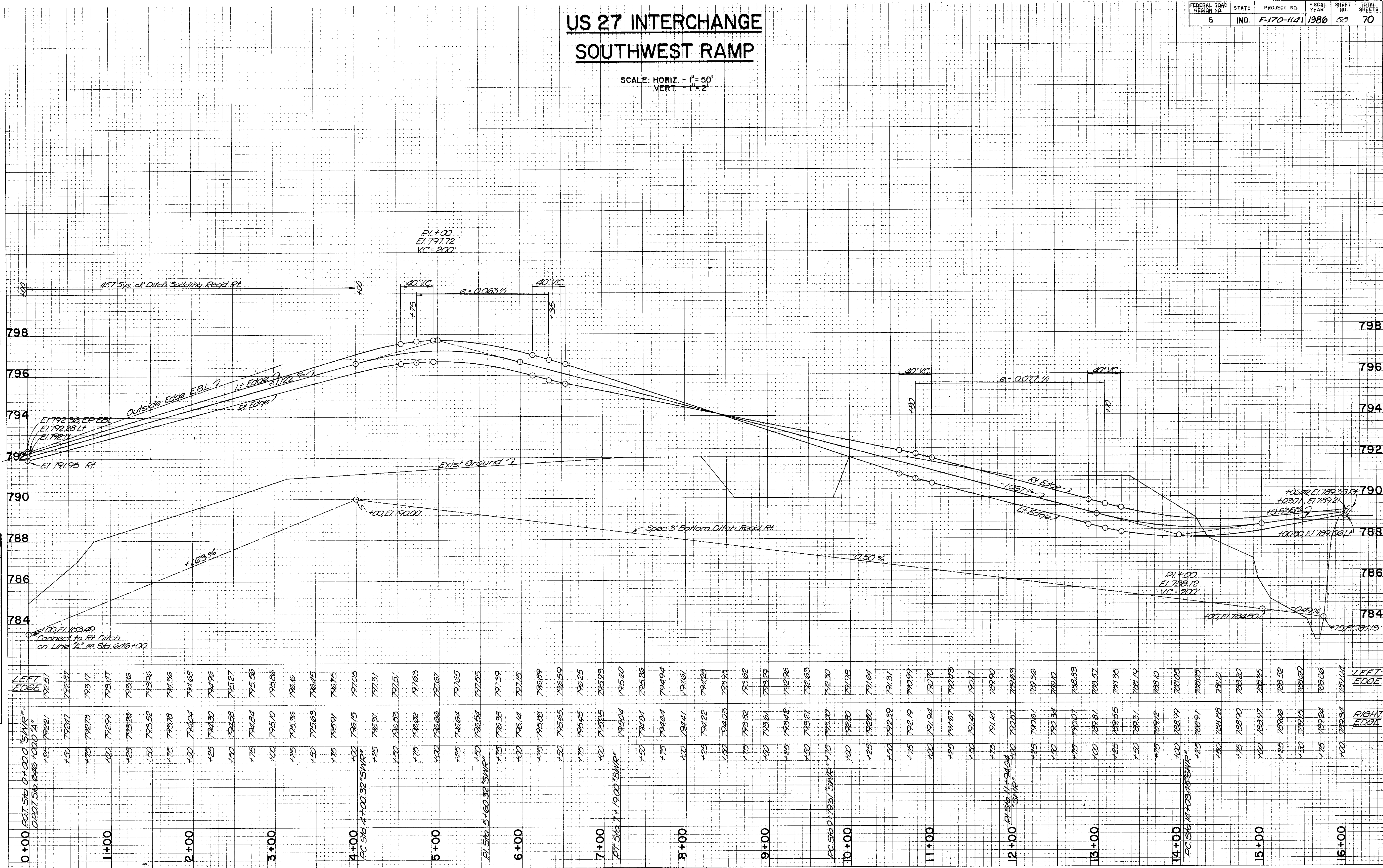
FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1141	1986	58	70

# US 27 INTERCHANGE SOUTHWEST RAMP

SCALE: HORIZ - 1" = 50'  
VERT - 1" = 2'

FINAL SURVEY BY DATE  
 REVISIONS BY DATE  
 NOTE BOOK NO. DATE  
 TEMPLATE NO. DATE  
 ANSAS CHECKED BY DATE

ORIGINAL SURVEY BY DATE  
 REVISIONS BY DATE  
 NOTE BOOK NO. DATE  
 TEMPLATE NO. DATE  
 ANSAS CHECKED BY DATE



STATION	LEFT EDGE	RIGHT EDGE
0+00	792.57	792.57
0+25	792.87	792.87
0+50	793.17	793.17
1+00	793.47	793.47
1+25	793.76	793.76
1+50	793.96	793.96
2+00	794.16	794.16
2+25	794.36	794.36
2+50	794.56	794.56
3+00	794.76	794.76
3+25	794.96	794.96
3+50	795.16	795.16
4+00	795.36	795.36
4+25	795.56	795.56
4+50	795.76	795.76
5+00	795.96	795.96
5+25	796.16	796.16
5+50	796.36	796.36
6+00	796.56	796.56
6+25	796.76	796.76
6+50	796.96	796.96
7+00	797.16	797.16
7+25	797.36	797.36
7+50	797.56	797.56
8+00	797.76	797.76
8+25	797.96	797.96
8+50	798.16	798.16
9+00	798.36	798.36
9+25	798.56	798.56
9+50	798.76	798.76
10+00	798.96	798.96
10+25	799.16	799.16
10+50	799.36	799.36
11+00	799.56	799.56
11+25	799.76	799.76
11+50	799.96	799.96
12+00	800.16	800.16
12+25	800.36	800.36
12+50	800.56	800.56
13+00	800.76	800.76
13+25	800.96	800.96
13+50	801.16	801.16
14+00	801.36	801.36
14+25	801.56	801.56
14+50	801.76	801.76
15+00	801.96	801.96
15+25	802.16	802.16
15+50	802.36	802.36
16+00	802.56	802.56



FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1(4)	1985	59A	70

# SUMMARY OF QUANTITIES AND APPROACH TABLE

LOCATION (STATION)	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH "W" FEET	LENGTH "L" FEET	DISTANCE BEYOND R/W LINE FEET	RADIUS "R" FEET	GRADE (LESS THAN 10% NOT SHOWN) 1 2 % %	EXCAVATION CYS. CUT FILL+%	BITUMINOUS MATERIAL FOR ROADS							BITUMINOUS MIXTURE FOR APPROACHES						BITUMINOUS MATERIAL FOR				TYPE "P" COMPACTED AGGREGATE FOR BASE NO 53				BIT. BASE 5D FOR SHOULDERS	OPEN GRADED BIT. BASE NO. 5	1/2" PLAIN CONCRETE PAVEMENT	6" SPECIAL SUBBASE No. 53 B	10" CONCRETE SHOULDERS	CONCRETE SHOULDERS	MOD. CONC. CURB TYPE 4	REINFORCING STEEL	REINFORCING CONC. PUMT	REMARKS			
								SURFACE		BASE		BASE 50		BINDER		SURFACE		BASE		BASE 50		BASE 50		SEAL COAT TYPE 2	SEAL COAT TYPE 5	PRIME COAT	TACK COAT	4"											6"	9"	3"
								SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.	SYS.					SYS.											SYS.	SYS.	SYS.
"LSR#1"																																									
407+00 R.	CI II Drive	24	25	0	15-25																																				
415+50 R.	CI II Drive	24	39		15-25																																				
413+10			48																																						
420+75 R.	CI II Drive	24	25	0	15-25																																				
433+40																																									
433+80	Cul-De-Sac		210		50																																			Incl. in LSR#1 Quant.	
439+44	CI II Drive	24	50	40	15-25																																				
"LSR#3"																																									
125+00 Lt.	CI II Drive	24	25		15-25																																				
137+50 R.	CI II Drive	24	29		15-25																																				
139+80 R.	CI II Drive	24	100		15-25		10	20																																	
"LSR#4"																																									
16+80	Cul-De-Sac		210		50																																				Incl. in LSR#4 Quant.
16+40 Lt.	CI II Drive	12	40		15-25		10	10																																	
(DECATUR RD.)																																									
665+50, 335 Lt. A	Cul-De-Sac		210		45		210																																		
665+40, 250 R. A	Cul-De-Sac		210		50		40	130																																	
665+65, 440 Lt. A	CI II Drive	24	25		15-25		30																																		
666+00, 330 Lt. A	Spec. CI II D.	14	15		15-15		30																																		
665+95, 480 Lt. A	CI II Drive	20	25		15-25		30																																		
"5-7-A"																																									
47+70	Cul-De-Sac		210		50		371																																		
52+20	Cul-De-Sac		210		50		379																																		
53+15 R.	CI II Drive	24	55		15-25		10																																		
47+50 Lt.	CI II Drive	24	35		15-25		35																																		
LINE "PR-1-TR"	Temp. Run-Around	24	1975				110	5990	6339																																
Totals																																									

\* IF CONTRACTOR ELECTS TO USE METAL PIPE THICKNESS AS SHOWN BELOW ARE TO BE USED.

# STRUCTURE DATA

\* IF CONTRACTOR ELECTS TO USE METAL PIPE THICKNESS AS SHOWN BELOW ARE TO BE USED.

FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1(2)	1985	59B	70

STRUCTURE NUMBER	LOCATION	LEFT	RIGHT	CROSS	SIZE INCHES	DESCRIPTION SEE STD. SHEET "MP" FOR ACCEPTABLE TYPE OF PIPE WITH- IN EACH GROUP.	LENGTH	SKEW	FLOW LINE		CONCRETE CLASS "A" FOR BORROW FOR STR. BACKFILL	BACKFILL METHOD	GAGES OR THICKNESS		VELOCITY	RIPRAP #	PIPE END SECTION REINF. STEEL	REMARKS	
									UP STREAM	DOWN STREAM			STEEL	ALUM.					
									ELEV.	ELEV.			CUYDS.	CUYDS.					
1	370+00.00																		Bridge File No. 24-02-2600 Project No. F-170-1(1) To Be Constr. Under Separate Contract
2	394+08.24																		Bridge File No. 24-02-0951 Project No. F-170-1(1) To Be Constr. Under Separate Contract
3	413789 "NWR"																		Bridge File No. 24-02-0952 Project No. F-170-1(1) To Be Constr. Under Separate Contract
4	8+7.32 "SWR"																		Bridge File No. 24-02-0953 Project No. F-170-1(1) To Be Constr. Under Separate Contract
5	322+20.88 "PR"																		Bridge File No. 1-02-0950 Project No. F-170-1(1) To Be Constr. Under Separate Contract
6	491.3408 "S-4-A"																		Bridge File No. 24-02-7023 Project No. F-170-1(1) To Be Constr. Under Separate Contract
7	50+00 "S-5-A"																		Bridge File No. 24-02-7024 Project No. F-170-1(1) To Be Constr. Under Separate Contract
8	547+02.55 "A"																		Bridge File No. 24-02-0949 Project No. F-170-1(1) To Be Constr. Under Separate Contract
9	50+01.33 "S-6-A"																		Bridge File No. 24-02-7211 Project No. F-170-1(1) To Be Constr. Under Separate Contract
10	637+62.71 "A"																		Bridge File No. 24-02-0948 Project No. F-170-1(1) To Be Constr. Under Separate Contract
11	661+39.1 "A"																		Bridge File No. 24-02-0947 Project No. F-170-1(1) To Be Constr. Under Separate Contract
12	361+75.24			✓	12	A	Inlet, Type H-5			815.37	815.87								Outlet To Rt. Ditch 2-20 1/2" Bends Req'd
13	365+00.24			✓	36	A				795.80	795.50								
14	365+75.24			✓	12	A	Inlet, Type H-5			823.25	823.75								Outlet To Rt. Ditch 2-20 1/2" Bends Req'd
15	370+25.24			✓	36	B				852.29	794.70								Pipe & End Sections By Others
16	370+85.24			✓	36	B				852.29	796.50								Pipe & End Sections By Others
17	389+90.24			✓	6		Perf. FBCCS.												By Others
18	369+90.24			✓			Inlet, Type D-G FBCCS.												By Others
19	371+31.24			✓			Inlet, Type D-G FBCCS.												By Others
20	371+31.24			✓	6		Perf. FBCCS.												By Others
21	375+00.24			✓	12	A	Inlet, Type H-5			823.84	823.84								Outlet To Rt. Ditch 2-20 1/2" Bends Req'd
22	379+00.24			✓	12	A	Inlet, Type H-5			818.79	816.29								Outlet To Lt. Ditch 2-18" Bends Req'd

STRUCTURE NUMBER	LOCATION	LEFT	RIGHT	CROSS	SIZE INCHES	DESCRIPTION SEE STD. SHEET "MP" FOR ACCEPTABLE TYPE OF PIPE WITH- IN EACH GROUP.	LENGTH	SKEW	FLOW LINE		CONCRETE CLASS "A" FOR BORROW FOR STR. BACKFILL	BACKFILL METHOD	GAGES OR THICKNESS		VELOCITY	RIPRAP #	PIPE END SECTION REINF. STEEL	REMARKS	
									UP STREAM	DOWN STREAM			STEEL	ALUM.					
									ELEV.	ELEV.			CUYDS.	CUYDS.					
23	383+00.24			✓	12	A	Inlet, Type H-5			808.87	808.37								Outlet To Rt. Ditch 2-18" Bends Req'd
24	387+00.24			✓	12	A	Inlet, Type H-5			802.94	800.44								Outlet To Rt. Ditch On "SWR"
25	394+00.24			✓	12	A	Inlet, Type H-5			797.10	794.60								Outlet To Rt. Ditch On "SWR"
26	394+14.24			0			Perf. FBCCS.												By Others
27	395+22.24			0			Perf. FBCCS.												By Others
28	394+00.24				12	A	Inlet, Type H-5			795.88	793.38								Outlet To Lt. Ditch
29	8+10 "SWR"			✓	6		Perf. FBCCS.												By Others
30	9+33 "SWR"			✓	6		Perf. FBCCS.												By Others
30A	9+60 "NWR"			✓	6					**	**								By Others
31	5+27 "NWR"			✓	6		Perf. FBCCS.												By Others
32	5+43 "NWR"			✓	6		Perf. FBCCS.												By Others
33	397+00.24			✓	12	A	Inlet, Type H-5			795.04	792.54								Outlet To Lt. Ditch
34	624+36 "PR"				15	D				792.02	793.80								
35	63+45 "PR"			✓	12	A	Inlet, Type E-7			**	**								Connect Exist. 6" Field Tile Connect to Structure No. 36
36	63+45 "PR"			✓	15	D	Inlet, Type E-7			793.98	792.48								
37	536+10 "PR"			✓	15	A	Inlet, Type P-12				785.26								Connect To Structure No. 39
38	637+00 "PR"			✓	15	A	Inlet, Type P-12				785.25								Connect To Structure No. 39
39	637+35 "PR"			✓	20		S.P.S. Or Reinf. Conc. Pipe			783.50	783.00	5.47							Bury 2 Feet
40	637+40 "PR"			0			Drain tile CI Std.			**	**								
41	637+95 "PR"			0			Drain tile CI Std.			**	**								
42	641+25 "PR"			✓	6		Perf. FBCCS.												By Others
43	641+29 "PR"				12		Inlet, Type D-G Non Perf. FBCCS.												By Others
44	643+13 "PR"				12		Inlet, Type D-G Non Perf. FBCCS.												By Others
45	643+17 "PR"			✓	6		Perf. FBCCS.												By Others
46	643+75 "PR"			✓	6		Drain tile CI Std.			**	**								
47	649+50 "PR"			✓	8		Drain tile CI Std.			**	**								
48	649+00 "PR"			✓	42	A				784.14	778.90	2.83							10 L.F. of 22" Pipe to be removed From West End After Constr.
49	NOT USED																		

## LEGEND FOR ABBREVIATION

FBCCS/RI.---FULLY BITUMINOUS COATED CORRUGATED STEEL WITH PAVED INVERT.	F.B.C.S.A./RI.---FULLY BITUMINOUS COATED CORRUGATED STEEL ARCH WITH PAVED INVERT.
FB.C.C.A./RI.---FULLY BITUMINOUS COATED CORRUGATED ALUMINUM ALLOY WITH PAVED INVERT.	F.B.C.C.A.A./RI.---FULLY BITUMINOUS COATED CORRUGATED ALUMINUM ARCH WITH PAVED INVERT.
FB.C.C.S.-----FULLY BITUMINOUS COATED CORRUGATED STEEL.	F.B.C.C.A.-----FULLY BITUMINOUS COATED CORRUGATED STEEL ARCH.
C.S.-----CORRUGATED STEEL.	F.B.C.C.A.A.-----FULLY BITUMINOUS COATED CORRUGATED ALUMINUM ARCH.
C.A.A.-----CORRUGATED ALUMINUM	C.S.A.-----CORRUGATED STEEL ARCH.
S.P.S.-----STRUCTURAL PLATE STEEL	C.A.A.-----CORRUGATED ALUMINUM ARCH.
	S.P.S.A.-----STRUCTURAL PLATE STEEL ARCH.

\* Includes Equal Amount of 6" Type "D" Comp. Agg. For Base No 53

① If 8"x1" Corr. is Used The Invert Shall be paved and the thickness shall be 0.064" \*\* Existing Flowline

\* IF CONTRACTOR ELECTS TO USE METAL PIPE THICKNESS AS SHOWN BELOW ARE TO BE USED.

# STRUCTURE DATA

\* IF CONTRACTOR ELECTS TO USE METAL PIPE THICKNESS AS SHOWN BELOW ARE TO BE USED.

FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-140	1985	59C	70

STRUCTURE NUMBER	LOCATION	LEFT	RIGHT	CROSS	SIZE INCHES	DESCRIPTION GROUP SEE STD. SHEET "MP" FOR ACCEPTABLE TYPE OF PIPE WITHIN EACH GROUP.	LENGTH	SKEW	FLOW LINE		CONCRETE CLASS "A"	'B' BORROW FOR STR. BACKFILL	BACKFILL METHOD	GAGES OR THICKNESS		VELOCITY	PIPE END SECTION REINF. STEEL	REMARKS	
									UP STREAM	DOWN STREAM				STEEL	ALUM.				
									ELEV.	ELEV.				CU.YDS.	CU.YDS.				
50	13+25 "NER"			✓	36	A	230		786.50	784.95			A	0.004	—	8.7	50	2	
51	402+10 "A"			✓	36	A	112'		786.87	786.50			A	0.004	—	6.6	50	2	
52	402+45 "A"					Inlet, Type H-5			793.51	791.01			A	0.004	—	9.5	5	1	Outlet To Lt. Ditch
53	404+95 "A"			✓	12	A	70'	40	791.01	786.05			A	0.004	—	9.5	5	1	Outlet To Lt. Ditch
54	407+45 "A"			✓	12	A	68'	40	792.31	787.50			A	0.004	—	6.8			Outlet To Rt. Ditch
55	409+95 "A"			✓	12	A	58'	3.0	789.61	789.23			A	0.004	—	3.8			Outlet To Lt. Ditch
56	411+55 "LSR" #1	✓		6		Drain tile CI Std.	9'		**	**									Outlet To Rt. Ditch On "SER"
57	412+40 "A"			✓	12	A	112'	50	789.50	785.00			A	0.004	—	6.4			Outlet To Rt. Ditch On "NER"
58	412+30 "LSR" #1	✓		6		Drain tile CI Std.	9'		**	**									
59	412+50 "LSR" #1	✓		6		Drain tile CI Std.	9'		**	**									
60	412+80 "A"			✓	15	A	70'		785.00	784.92			B	0.004	—				Connect To Structure No. 61
61	412+90 "A"			✓	72	S.P.S. Or Reinf. Conc. Pipe	344'		784.00	783.50	5.47		A	0.004	—	5.5	100	0.3	Bury 2 Feet
62	414+00 "A"			✓	15	A	42'		786.67	787.59			B	0.004	—				Connect To Structure No. 61
63	415+00 "A"			✓	12	A	70'	3.0	792.00	789.21			A	0.004	—	5.0			Outlet To Rt. Ditch
64	415+10 "LSR" #1	✓		15	D		46'	5.0	789.20	786.98			B	0.004	0.000	4.3		2	
65	417+65 "A"			✓	12	Drain tile CI Std.	9'		**	**									
66	418+00 "A"			✓	12	A	84'	4.0	791.30	787.40			A	0.004	—	7.5			Outlet To Lt. Ditch
67	420+50 "A"			✓	6	Drain tile CI Std.	9'		**	**									
68	421+00 "A"			✓	12	A	64'	2.8	792.20	791.70			A	0.004	—	4.0			Outlet To Rt. Ditch
69	424+00 "A"			✓	12	A	60'	3.0	793.10	792.50			A	0.004	—	4.2			Outlet To Lt. Ditch
70	427+00 "A"			✓	12	A	58'	2.8	794.00	793.00			A	0.004	—	4.3			Outlet To Rt. Ditch
71	426+70 "LSR" #1	✓		15	D		36'	1.4	795.77	795.00			0.004	0.000	4.3		2		
72	430+00 "A"			✓	12	A	58'	2.8	794.90	794.54			A	0.004	—	8.3	5	1	Outlet To Lt. Ditch
73	433+00 "A"			✓	12	A	58'	2.9	795.00	795.20			A	0.004	—	4.3			Outlet To Rt. Ditch
74	436+00 "A"			✓	12	A	56'	2.8	796.70	796.50			A	0.004	—	6.8			Outlet To Lt. Ditch
75	439+00 "A"			✓	12	A	58'	3.0	797.00	797.00			A	0.004	—	4.3			Outlet To Rt. Ditch
76	442+00 "A"			✓	12	A	58'	3.0	798.50	797.94			A	0.004	—	4.2			Outlet To Lt. Ditch

STRUCTURE NUMBER	LOCATION	LEFT	RIGHT	CROSS	SIZE INCHES	DESCRIPTION GROUP SEE STD. SHEET "MP" FOR ACCEPTABLE TYPE OF PIPE WITHIN EACH GROUP.	LENGTH	SKEW	FLOW LINE		CONCRETE CLASS "A"	'B' BORROW FOR STR. BACKFILL	BACKFILL METHOD	GAGES OR THICKNESS		VELOCITY	PIPE END SECTION REINF. STEEL	REMARKS	
									UP STREAM	DOWN STREAM				STEEL	ALUM.				
									ELEV.	ELEV.				CU.YDS.	CU.YDS.				
77	445+00 "A"			✓	12	A	54'	2.8	799.40	799.40			A	0.004	—	4.4			Outlet To Rt. Ditch
78	447+30 "A"			✓	8	Drain tile CI Std.	182'		**	**									
79	445+00 "A"			✓	12	A	66'	3.0	800.30	798.50			A	0.004	—	6.2			Outlet To Lt. Ditch
80	451+00 "A"			✓	12	A	70'	3.5	801.20	797.80			A	0.004	—	7.5			Outlet To Rt. Ditch
81	454+00 "A"			✓	12	A	74'	4.0	802.10	797.54			A	0.004	—	8.3			Outlet To Lt. Ditch
82						Not Used													
83	457+00 "A"			✓	36	A	154'	6.0	797.00	796.80			A	0.004	—	6.3	50	2	
84	457+20 "A"	✓		10		Drain tile CI Std.	9'		**	**									
85	459+75 "A"			✓	12	A	82'	4.5	802.15	798.31			A	0.004	—	8.7	5	1	Outlet To Rt. Ditch
86	462+75 "A"			✓	12	A	78'	4.5	801.85	796.03			A	0.004	—	8.9	5	1	Outlet To Lt. Ditch
87	465+50 "A"			✓	12	A	86'	6.0	801.30	795.27			A	0.004	—	8.5	5	1	Outlet To Rt. Ditch
88	468+70 "A"			✓	12	A	88'	6.5	800.60	794.09			A	0.004	—	8.7	5	1	Outlet To Rt. Ditch
89	471+30 "A"			✓	12	A	90'	4.0	800.04	794.14			A	0.004	—	8.5	5	1	Outlet To Rt. Ditch
90	474+90 "A"			✓	12	A	90'	5.5	799.42	793.53			A	0.004	—	8.5	5	1	Outlet To Rt. Ditch
91	478+00 "A"			✓	12	A	88'	4.5	798.80	793.02			A	0.004	—	8.6	5	1	Outlet To Rt. Ditch
92	478+85 "A"			✓	36	A	164'	5.0	793.05	792.93			A	0.004	—	5.5	50	2	
93	481+10 "A"			✓	12	A	90'	6.0	796.18	792.08			A	0.004	—	7.2			Outlet To Rt. Ditch
94	484+10 "A"			✓	12	A	86'	5.0	797.58	791.92			A	0.004	—	8.5	5	1	Outlet To Rt. Ditch
95	486+00 "A"	✓		12		Drain tile CI Std.	150'		**	**			B						Connect To Existing Tile
96	487+20 "A"			✓	12	A	82'	5.0	796.90	791.30			A	0.004	—	8.7	5	1	Outlet To Rt. Ditch
97	490+00 "A"			✓	12	A	76'	4.0	796.00	791.53			A	0.004	—	8.0	5	1	Outlet To Lt. Ditch
98	493+00 "A"			✓	12	A	78'	5.0	795.40	790.32			A	0.004	—	8.4	5	1	Outlet To Rt. Ditch
99	494+50 "A"			✓	36	A	146'	3.0	790.38	790.00			A	0.004	—	6.8	50	2	

## LEGEND FOR ABBREVIATION

F.B.C.C.S./R.I.--FULLY BITUMINOUS COATED CORRUGATED STEEL WITH PAVED INVERT.	F.B.C.S.A./R.I.--FULLY BITUMINOUS COATED CORRUGATED STEEL ARCH WITH PAVED INVERT.
F.B.C.C.A./P.I.--FULLY BITUMINOUS COATED CORRUGATED ALUMINUM ALLOY WITH PAVED INVERT.	F.B.C.G.A./R.I.--FULLY BITUMINOUS COATED CORRUGATED ALUMINUM ARCH WITH PAVED INVERT.
F.B.C.C.S.--FULLY BITUMINOUS COATED CORRUGATED STEEL.	F.B.C.C.A.--FULLY BITUMINOUS COATED CORRUGATED STEEL ARCH.
C.S.--CORRUGATED STEEL.	F.B.C.G.A.--FULLY BITUMINOUS COATED CORRUGATED ALUMINUM ARCH.
C.A.A.--CORRUGATED ALUMINUM	C.S.A.--CORRUGATED STEEL ARCH.
S.R.S.--STRUCTURAL PLATE STEEL	C.A.A.--CORRUGATED ALUMINUM ARCH.
	S.R.S.A.--STRUCTURAL PLATE STEEL ARCH.

\* Includes Equal Amount of 6" Type "O" Comp. Agg. For Base No. 53  
 (1) If 3"x1" Cor. is Used The Invert Shall be Raved and The Thickness Shall be 0.004"

\* IF CONTRACTOR ELECTS TO USE METAL PIPE THICKNESS AS SHOWN BELOW ARE TO BE USED.

# STRUCTURE DATA

\* IF CONTRACTOR ELECTS TO USE METAL PIPE THICKNESS AS SHOWN BELOW ARE TO BE USED.

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-160	1985	59D	70

STRUCTURE NUMBER	LOCATION	LEFT	RIGHT	CROSS	SIZE INCHES	DESCRIPTION SEE ST'D. SHEET "MP" FOR ACCEPTABLE TYPE OF PIPE WITH- IN EACH GROUP.	LENGTH	SKEW	FLOW LINE			CONCRETE CLASS "A" OR BORROW FOR STR. BACKFILL	METHOD	GAGES OR THICKNESS		VELOCITY	RIPRAP	PIPE END SECTION	REINF. STEEL	REMARKS		
									UP	DOWN	DOWN			STEEL	ALUM.							
									ELEV.	ELEV.	ELEV.			CYDYS.	CYDYS.						SYS.	EA.
100	495+02.12	V			6	Drain tile CI Std	9'		**	**												
101	496+00.21			V	12	Inlet, Type H-5	74'		797.30	794.80		A	006A	—	79	1				Outlet To Lt Ditch		
102	499+00.21			V	12	Inlet, Type H-5	78'		796.70	794.20		A	006A	—	84	5	1			Outlet To Rt Ditch		
103	102+02.12SP13			V	24	Inlet, Type H-5	74'		792.27	791.08		A	006A	—	90	5	2			Outlet To Lt Ditch Line "A"		
104	502+00.21			V	12	Inlet, Type H-5	70'		796.50	794.00		A	006A	—	72	1				Outlet To Lt Ditch		
105	503+00.21	V			6	Drain tile CI Std	9'		**	**										Outlet To Lt Ditch On "LSR13"		
106	505+00.21			V	12	Inlet, Type H-5	78'		795.90	793.40		A	006A	—	86	5	1			Outlet To Rt Ditch		
107	508+00.21			V	12	Inlet, Type H-5	70'		795.30	792.80		A	006A	—	76	1				Outlet To Lt Ditch		
108	511+00.21			V	12	Inlet, Type H-5	76'		794.70	792.20		A	006A	—	86	5	1			Outlet To Rt Ditch		
109	514+00.21			V	12	Inlet, Type H-5	72'		794.10	791.60		A	006A	—	79	1				Outlet To Lt Ditch		
110	517+00.21	V			24	Drain tile CI Std	305'		**	**										Connect To Exist Tile Each End		
111	517+00.21			V	12	Inlet, Type H-5	88'		793.45	790.95		A	006A	—	81	5	1			Outlet To Rt Ditch		
112	518+02.12SP13			V	24	Inlet, Type H-5	72'		792.20	789.68		A	006A	—	67	2					By Others	
113	520+00.21			V	12	Inlet, Type H-5	84'		792.90	790.40		A	006A	—	76	1				Outlet To Lt Ditch		
114	523+00.21			V	12	Inlet, Type H-5	98'		792.30	789.80		A	006A	—	77	1				Outlet To Rt Ditch		
115	526+00.21			V	12	Inlet, Type H-5	90'		791.70	789.20		A	006A	—	74	1				Outlet To Lt Ditch		
116	529+00.21			V	12	Inlet, Type H-5	110'		791.10	788.60		A	006A	—	69	1				Outlet To Rt Ditch On "NW"		
117	532+00.21			V	12	Inlet, Type H-5	66'		790.50	788.00		A	006A	—	66	1				Outlet To Lt Ditch		
118	533+50.21	V			36	Inlet, Type H-5	194'		783.47	783.00		A	006A	—	67	50	2					
119	535+00.21			V	12	Inlet, Type H-5	68'		789.90	787.40		A	006A	—	72	1				Outlet To Rt Ditch		
120	135+00.12SP13			V	24	Inlet, Type H-5	66'		785.00	784.61		A	006A	—	64	2						
121	137+50.12SP13	V			15	D	36'		784.92	784.33		B	006A	006A	4.1	2						
122	139+00.12SP13	V			15	D	36'		785.47	785.38		B	006A	006A	4.1	2						
123	48+95.5-A	V			6	Perf. FBCCS	104'							005E						By Others		
124	48+88.5-A	V			12	Inlet, Type D-6	72'							006A						By Others		
125	51+11.5-A	V			12	Inlet, Type D-6	70'							006A						By Others		
126	51+05.5-A	V			6	Perf. FBCCS	104'							005E						By Others		
127	215+4.5-SP13	V			36	A	205'		783.00	782.75		A	006A	—	57	50	2					
128	59+10.5-5A1	V			15	D	26'		787.67	787.60		B	006A	006A	4.1	2						

### LEGEND FOR ABBREVIATION

FBCCS/PI.—FULLY BITUMINOUS COATED CORRUGATED STEEL WITH PAVED INVERT.	FBCCSA/PI.—FULLY BITUMINOUS COATED CORRUGATED STEEL ARCH WITH PAVED INVERT.
FBCCAA/PI.—FULLY BITUMINOUS COATED CORRUGATED ALUMINUM ALLOY WITH PAVED INVERT.	FBCCAA/PI.—FULLY BITUMINOUS COATED CORRUGATED ALUMINUM ARCH WITH PAVED INVERT.
FBCCS.—FULLY BITUMINOUS COATED CORRUGATED STEEL.	FBCCA.—FULLY BITUMINOUS COATED CORRUGATED STEEL ARCH.
C.S.—CORRUGATED STEEL.	FBCCAA.—FULLY BITUMINOUS COATED CORRUGATED ALUMINUM ARCH.
C.A.—CORRUGATED ALUMINUM	C.SA.—CORRUGATED STEEL ARCH.
S.P.S.—STRUCTURAL PLATE STEEL	C.A.A.—CORRUGATED ALUMINUM ARCH.
	S.P.S.A.—STRUCTURAL PLATE STEEL ARCH.

\* Include Equal Amount of 6" Type "0" Comp. Agg. For Base No 53







FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	F-170-1(4)		60	70



SECTION 21

INDEX	OWNER
1	DAVID W. & MARJORIE L. RUDY
2	DAVID P. & DONNA S. GRUSE
3	WALTER & THERESA J. STEVINS
4	RAYMUND F. & JUANITA A. MATTE
5	RAYMOND W. & MARYLYN P. SORG
6	JACOB J. & ALICE M. HARBER

SECTION 22

INDEX	OWNER
1	HERMAN & JEANETTE OSTERFOLT
2	ST. ALOYSIUS CHURCH DIOCESE OF FT. WAYNESO

LANDLOCKED PROPERTY

RIGHT-OF-WAY PLAT #3

PROJECT: F-PROJECT 170-1(4)

MOSAIC SCALE 1" = 400' SHEET 1 OF 4

DATE OF PHOTOGRAPHY:

SOURCE:

UNCONTROLLED PHOTO MOSAIC  
INDIANA STATE HIGHWAY COMMISSION  
BUREAU OF PHOTOGRAMMETRIC & ELECTRONIC PROCESSES



INDEX

1	N
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
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**RIGHT-OF-WAY PLAT #3**  
 PROJECT: F-PROJECT 170-1(4)  
 MOSAIC SCALE 1" = 400' SHEET 3 OF 4  
 DATE OF PHOTOGRAPHY:  
 SOURCE:  
 UNCONTROLLED PHOTO MOSAIC  
 INDIANA STATE HIGHWAY COMMISSION  
 BUREAU OF PHOTOGRAMMETRIC & ELECTRONIC PROCESSES



SECTION 8		SECTION 9	
INDEX	OWNER	INDEX	OWNER
66	MICHAEL P. & CYNTHIA L. O'LAUCH	66	IRENE RICE
67	BRUCE E. & PAULANA WISMANN	67	WILLIAM & DONNA J. ELWOOD
68	ROBERT F. & JOHN M. ...	68	... & ZELDA Z. HARRISON
		69	... & MARJORIE HOBBS
		70	... & ELSIA M. KOENEMANN

 LAND LOCKED PROPERTY

**RIGHT-OF-WAY PLAT #3**  
 PROJECT: F-PROJECT 170-1(4)  
 MOSAIC SCALE 1" = 400' SHEET 4 OF 4  
 DATE OF PHOTOGRAPHY:  
 SOURCE:  
 UNCONTROLLED PHOTO MOSAIC  
 INDIANA STATE HIGHWAY COMMISSION  
 BUREAU OF PHOTOGRAMMETRIC & ELECTRONIC PROCESSES