

R/W PLANS

INDIANA

DEPARTMENT OF HIGHWAYS

CODE NO. 2338

DES. NO. 09190

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B414(1)	1989	1	70

DESIGN DATA	
A.D.T. (1990)	20904 V.P.D.
A.D.T. (2010) PROJECTED	27290 V.P.D.
D.H.V. (2010)	3002 V.P.H.
DIRECTIONAL DISTRIBUTION %	
TRUCKS	D.H.V. 4% A.D.T. 8%
DESIGN SPEED	40 M.P.H.
ACCESS CONTROL	NONE

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

~~PROJECT NO. MAM-B870(2) P.E.~~

~~(2) R/W
() CONSTR.
() UTILITY~~

PROJECT NO. MAM-B414(1)

~~(1) P.E.
(1) R/W
() CONSTR.
() UTILITY~~

~~BEGINNING ON THE WEST LINE OF SECTION 1, T-13-N, R-3-E, 2,705 FEET SOUTH OF SMITH VALLEY ROAD AND RUNNING NORTHERLY 13010.22 FEET TO A POINT ON THE JOHNSON-MARION COUNTY LINE, SAID POINT BEING AT THE NORTH-WEST CORNER OF SECTION 25, T-14-N, R-3-E, ALL IN WHITE RIVER TOWNSHIP, JOHNSON COUNTY.~~

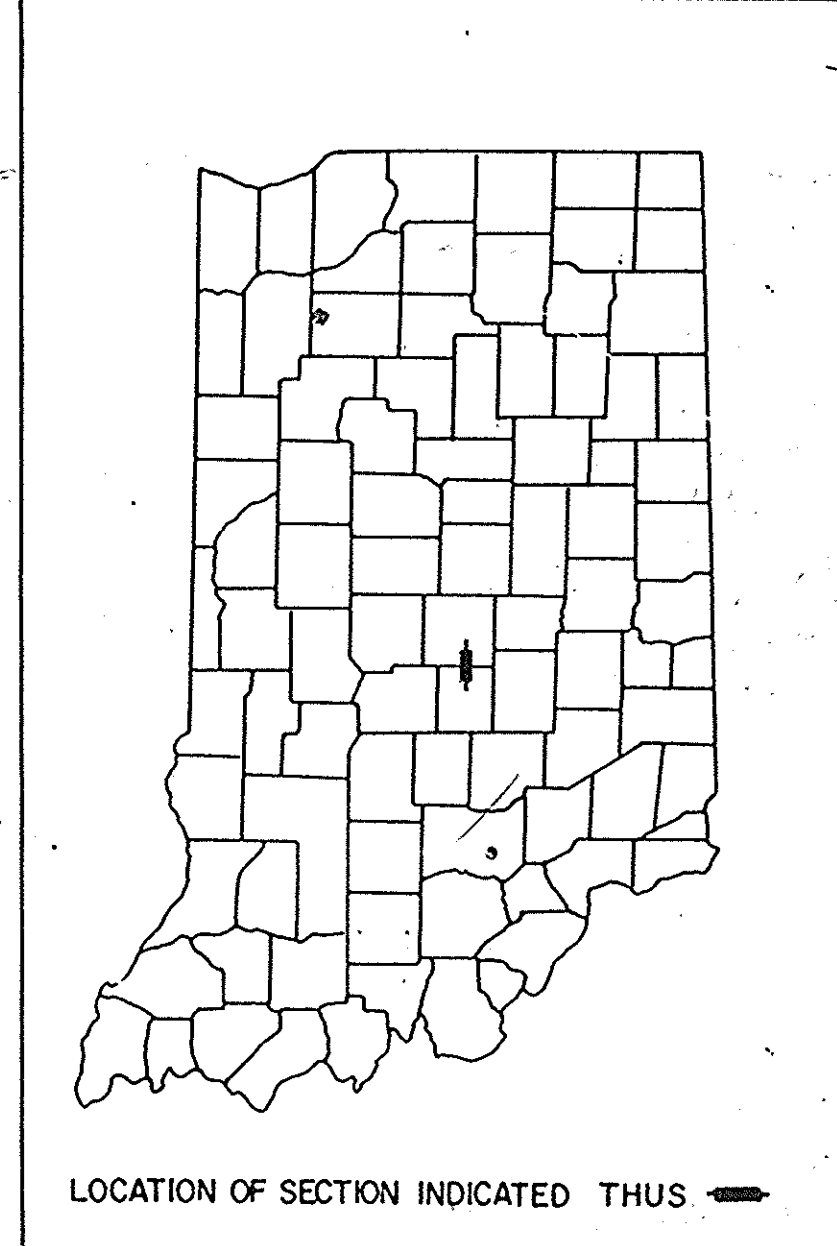
BEGINNING AT A POINT ON THE MARION-JOHNSON COUNTY LINE SAID POINT BEING AT THE SOUTHWEST CORNER OF SECTION 24, T-14-N, R-3-E AND RUNNING NORTH 15,345.99 FEET TO A POINT ON THE WEST LINE OF SECTION 12, T-14-N, R-3-E, SAID POINT BEING 617 FEET SOUTH OF EDGEWOOD AVE, ALL IN PERRY TOWNSHIP, MARION COUNTY.

~~GROSS LENGTH:- 2.464 MI NET LENGTH:- 2.417 MI MAX. GRADE 3.36%~~

GROSS LENGTH:- 2.906 MI NET LENGTH:- 2.886 MI MAX. GRADE 2.34%

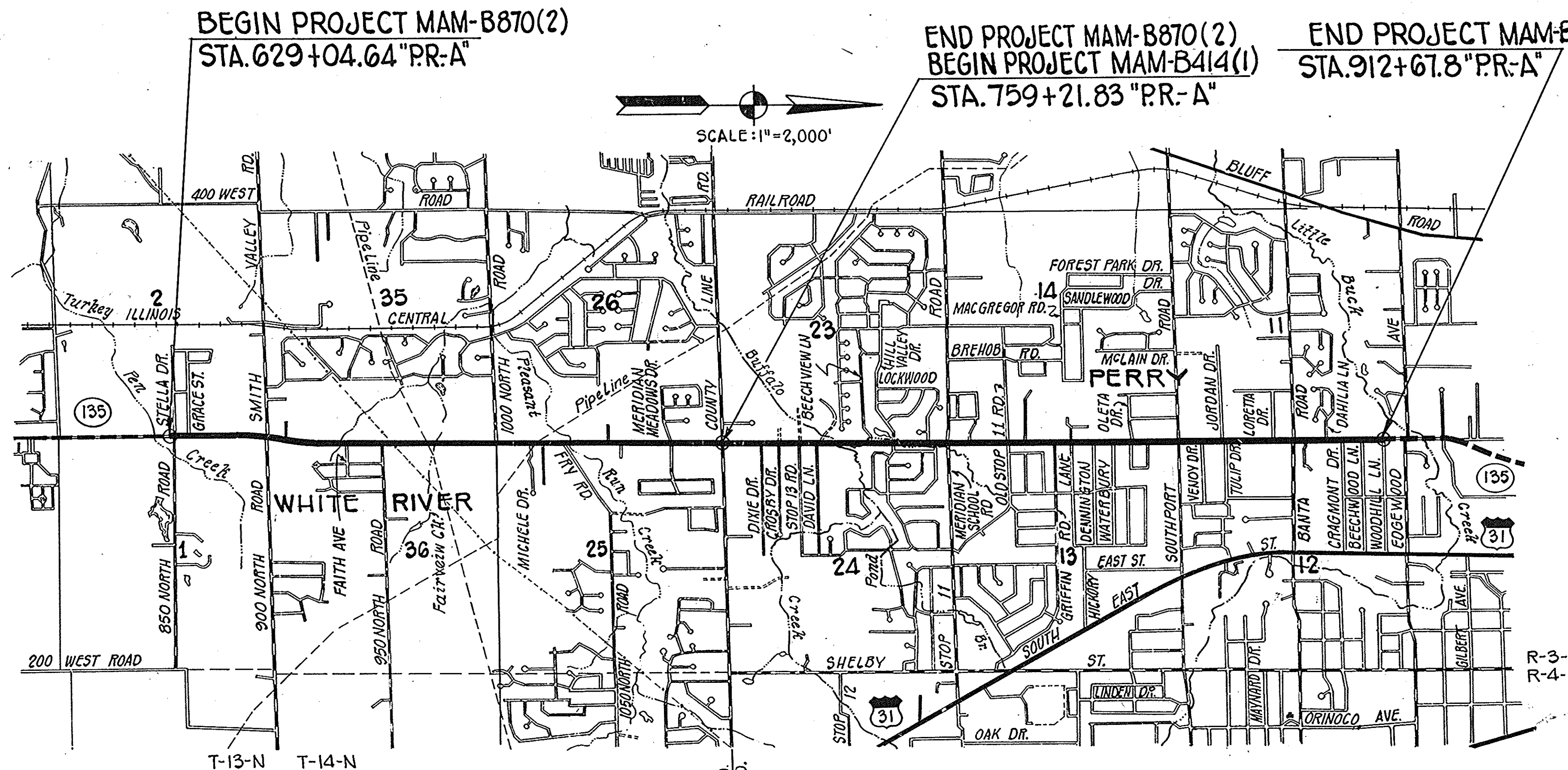
TOTAL PROJECT GROSS LENGTH 5.370 MI.
NET LENGTH:- 5.303 MI.
SCALES:-
PLAN { LONG:- 1"=50' PROFILE { HORIZ:- 1"=50'
 TRANS:- 1"=50' { VERT:- 1"=10'

MAX. GRADE 3.36%



LEGEND

- (A) BARRICADE TYPE "III"
- (B) BARRICADE TYPE "IX & X"
- (C) CONSTRUCTION SIGN TYPE "A"
- (D) CONSTRUCTION SIGN TYPE "B"



SECTION LEADER
RECOMMENDED FOR APPROVAL

ROAD ENGINEER-CONSULTANT
RECOMMENDED FOR APPROVAL 6-08-89

Bill Wood
ENGINEER OF LAND ACQUISITION

RECOMMENDED FOR APPROVAL 6-08-89

John D. ...
CHIEF DIVISION OF LAND ACQUISITION

APPROVED 6-08-89

PLANS PREPARED BY:
AMERICAN CONSULTING ENGINEERS, INC.

CERTIFIED BY: _____ DATE: _____

INDIANA DEPARTMENT OF HIGHWAYS
STANDARD SPECIFICATIONS DATED 1985
TO BE USED WITH THESE PLANS

R/W PLANS ONLY
FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

APPROVED _____

DIVISION ADMINISTRATOR _____ DATE _____

ROAD FILE:-

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
MAM-B414(1)		1	70	

UTILITIES

PUBLIC SERVICE CO. OF IND. 1000 E. MAIN ST. PLAINFIELD, IN. 46168
 CITY OF GREENWOOD 323 MARKET PLZ. GREENWOOD, IN. 46142
 WILLIAMS PIPELINE CO. 6216 S. LEWIS ST. TULSA OK. 74136
 INDIANA BELL TELEPHONE CO. 240 N. MERIDIAN ST. INDIANAPOLIS, IN. 46204
 IND. GAS COMPANY INC. P.O. BOX 519 FRANKLIN, IN. 46131
 CAPITOL CITIES CABLE 2520 ENDRESS PLACE GREENWOOD IN. 46142
 BARGERSVILLE UTILITIES INC. P.O. BOX 420 BARGERSVILLE, IN. 46106
 TEXAS EASTERN PRODUCTS PIPELINE CORP. P.O. BOX 462 SEYMOUR, IN. 47274
 INDIANA CITIES WATER CORP. P.O. BOX 99 GREENWOOD, IN. 46142

REVISIONS

SHEET NO.	DATE	REVISED
13431	4-7-88	ADDED SHED @ STA. 761+70 RT.
20, 27, 32, 41, 51	5-9-88	CHANGED R/W PARCEL 10
25 & 44	6-10-88	ADDED SIGNS & LIGHT POLES
14, 16, 19, 29, 31, 32, 35, 36, 39, 40	10-25-88	ADDED 25-FOOT RADIUS
14, 15, 16, 17, 19, 20, 21, 22, 23, 26, 32, 35, 37, 38, 45	10-25-88	REVISED RANGE & R/W STATIONS
18, 39	10-25-88	ADDED HUDDLESTON DRIVE
35	10-25-88	RELOCATED N.E.S. BOUNDRIES OF HILL VALLEY DRIVE
16, 19, 35, 36, 39, 40	10-25-88	DELETED R/W CORNER CUTS
17, 26, 36, 50	12-7-88	R/W CORNER CUT ADDED PER AMERICAN CONSULTANTS
18, 17, 36, 50	12-7-88	DESIGN POINTS ADDED TO R
16, 17, 36	12-7-88	PARCEL 94A DELETED PER AMERICAN CONSULTANTS
18, 38, 66	6-01-89	PARCELS 100&100A, AND PARCELS 94R WERE CREATED FROM PARCEL 54
21, 43, 68	6-01-89	PARCEL 74 ELIMINATED AND REPLACED WITH PARCEL 101
18, 37, 66	6-09-89	CHANGE OF TEMP. R/W, PARCEL 97
18, 38	6-09-89	NOTE ADDED FOR STA 832+62, 57 RT
20, 41, 42	6-09-89	NOTE ADDED FOR STA 857+85, 49 RT & 860+00, 49 RT
38	6-09-89	DRIVE NOTE ADDED FOR STA 827+84, LT
19, 19, 21, 22	6-8-89	ADDED TRUCK DRS. 1846, FENCE, SIGN, BRICK COLUMNS, STORAGE OFFSIDE CURB
3A, 19, 40, 55	7-7-89	PARCEL 93A ELIMINATED
13, 17, 18, 23, 32, 33, 37, 39, 52	6-30-89	R/W CHANGES TO MATCH DESIGN PLANS
3A, 22, 40, 69	8-25-89	OWNER'S NAME REVISED ON PARCEL 89
18, 38	10-27-89	SIGN NOTE ADDED AT STA 830+44, 53 RT
3, 8, 16, 35, 65	11-02-89	NAME CHANGE, PARCEL 33
11, 21, 44, 65	12-15-89	NAME CHANGE, PARCEL 96
21 & 43	12-22-89	ADDED LIGHT POST NOTE TO PARCEL 73A
3, 9, 18, 38 & 66	12-28-89	NAME CHANGE, PARCEL 55
18 & 39	1-02-90	PARCEL 56, NOTE ADDED
3, 9, 16, 17, 36, 65 & 66	1-29-90	NAME CHANGE ON PAR. 42
3, 8, 14, 32 & 64	3-29-90	E.S. ADDED PARCEL 18 & 20 T.E. ELIMINATED PARCEL 18
38 & 54	11-27-90	DRIVES AT STA. 830+99 & 931+49 RT CHANGED TO 1 DRIVE AT STA. 831+30 RT.

SHEET NO.	R/W INDEX	DESIGNATION
1	TITLE	
2	INDEX	
3	PARCEL LISTING	
4-5	TYPICAL SECTIONS	
6-12	PLAT NO. 1	
13-29	PLAN AND PROFILE	
30-52	DETAILS	
53-56	APPROACH TABLE	
57-65	STRUCTURE DATA	
64-69	PLAT NO. 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 _____ inch _____ 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 1% grade and over shall be sodded except where ditch is in rock cut or where Paved Side Ditch is to be constructed.

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

All Earth Shoulders, Median Area, Cut and Fill slopes shall be plain 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 _____, 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 30407 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.

County Road _____ 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. R/W) to be fenced with Chain Line Type Fence (C.L.T.F.) or Farm Field Type Fence (F.F.T.F.) as specified in the plans.

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

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

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

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

All Highway Drainage Structures 42" dia. and over have been designed on the basis of a 10 year storm frequency. (Except Structure Numbers _____, which have been designed for a _____ year storm frequency.) The elevations of the design headwater for each culvert having a design flood of more than 500 cubic feet per second, are shown on the Plan-Profile Sheets at the culvert locations.

The quantity Crown-Vetch 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-sections 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 "D" is called for on this project the Contractor shall have the option of using either the Steel Beam Sections, or the Semi-Ellipse Aluminum 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.

** REPRESENTS GENERAL NOTES REQUIRED

INDEX

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-8414 (1)	1989	2	70

SHEET NO.	DESIGNATION	F.H.W.A. APPROVAL	DATE ADOPTED OR LATEST REVISION
1	TITLE SHEET		
2	INFORMATION SHEET		
3-4	TYPICAL CROSS SECTION		
5-16	PLAT NO. 1		
16-43	PLAN AND PROFILE		
45-85	DETAILS		
86-93	APPROACH TABLE		
94-104	STRUCTURE DATA		
105-115	PLT. NO. 3		
116-123	ESTIMATE OF QUANTITIES		
	MAINTENANCE OF TRAFFIC		
	ST'D. DIVIDED LANE SECTION ()		
	ST'D. SINGLE LANE SECTION		
	ST'D. RAMP SECTION		
	ST'D. PAVEMENT JOINTS SHEET "A"		
	ST'D. PAVEMENT JOINTS SHEET "B"		
	MISCELLANEOUS STANDARDS, SHEET "MA"		
	MISCELLANEOUS STANDARDS, SHEET "MA-1"		
	MISCELLANEOUS STANDARDS, SHEET "MA-2"		
	MISCELLANEOUS STANDARDS, SHEET "MB"		
	MISCELLANEOUS STANDARDS, SHEET "MB-1"		
	MISCELLANEOUS STANDARDS, SHEET "MB-2"		
	MISCELLANEOUS STANDARDS, SHEET "MC"		
	MISCELLANEOUS STANDARDS, SHEET "MC-1"		
	MISCELLANEOUS STANDARDS, SHEET "MD"		
	MISCELLANEOUS STANDARDS, SHEET "MD-1"		
	MISCELLANEOUS STANDARDS, SHEET "MD-2"		
	MISCELLANEOUS STANDARDS, SHEET "MD-3"		
	MISCELLANEOUS STANDARDS, SHEET "MD-4"		
	MISCELLANEOUS STANDARDS, SHEET "ME"		
	MISCELLANEOUS STANDARDS, SHEET "ME-1"		
	MISCELLANEOUS STANDARDS, SHEET "ME-2"		
	MISCELLANEOUS STANDARDS, SHEET "MH"		
	MISCELLANEOUS STANDARDS, SHEET "MH-1"		
	MISCELLANEOUS STANDARDS, SHEET "MH-2"		
	MISCELLANEOUS STANDARDS, SHEET "MI"		
	MISCELLANEOUS STANDARDS, SHEET "MI-1"		
	MISCELLANEOUS STANDARDS, SHEET "MI-2"		
	MISCELLANEOUS STANDARDS, SHEET "MI-3"		
	MISCELLANEOUS STANDARDS, SHEET "MI-4"		
	MISCELLANEOUS STANDARDS, SHEET "MJ-1"		
	MISCELLANEOUS STANDARDS, SHEET "MJ-2"		
	MISCELLANEOUS STANDARDS, SHEET "MJ-3"		
	MISCELLANEOUS STANDARDS, SHEET "MJ-4"		
	MISCELLANEOUS STANDARDS, SHEET "MN"		
	MISCELLANEOUS STANDARDS, SHEET "MP"		
	MISCELLANEOUS STANDARDS, SHEET "MP-1"		
	MISCELLANEOUS STANDARDS, SHEET "MQ"		
	MISCELLANEOUS STANDARDS, SHEET "MR"		
	MISCELLANEOUS STANDARDS, SHEET "S"		
	MISCELLANEOUS STANDARDS, SHEET "S-1"		
	MISCELLANEOUS STANDARDS, SHEET "MT"		
	MISCELLANEOUS STANDARDS, SHEET "MT-1"		
	MISCELLANEOUS STANDARDS, SHEET "MT-2"		
	MISCELLANEOUS STANDARDS, SHEET "MT-3"		
	MISCELLANEOUS STANDARDS, SHEET "MT-7"		
	MISCELLANEOUS STANDARDS, SHEET "MT-9"		
	MISCELLANEOUS STANDARDS, SHEET "MV-4"		
	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.		
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	GUARD RAIL SHEET GR-4		
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	GUARD RAIL SHEET GR-8		
	GUARD RAIL SHEET GR-9		
	GUARD RAIL - BURIED ENDS, SHEET GR-10		
	GUARD RAIL - BREAKAWAY CABLE TERMINAL, SHEET GR 10A		
	GUARD RAIL - BREAKAWAY CABLE TERMINAL, SHEET GR 10B		
	GUARD RAIL - BREAKAWAY CABLE TERMINAL, SHEET GR 10C		
	CONCRETE MEDIAN BARRIER, SHEET CB-1		
	ST'D. FOR SUPERELEVATION SHEET 2		
	ST'D. DETOUR SIGNS, SHEET 1		
	ST'D. DETOUR SIGNS, SHEET 1A		
	ST'D. DETOUR SIGNS, SHEET 2		
	ST'D. DETOUR SIGNS, SHEET 2A		
	ST'D. DETOUR SIGNS, SHEET 3		
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	ST'D. DETOUR SIGNS, SHEET 4		
	ST'D. DETOUR SIGNS, SHEET 5		
	TRAFFIC SIGN DETAILS, SHEET 9		
	CROSS SECTIONS		
	* F.H.W.A. APPROVAL PENDING		

PARCEL LISTING FOR LAND ACQUISITION INDIANA DEPARTMENT OF HIGHWAYS

PARCEL NUMBER	GRANTOR	CENTER LINE	FROM TO PLAN APPROX SHEET STA.	BRIDGE	TOTAL AREA	R/W EXISTING TITLE ACQUIRED	NATURE	LAND ACQUIRED	RESIDUE AREA	BLDG.
1	ANGELO'S FOOD MARKET	A	759 760	13+25+30	40+269SF	FS	873SF	A= 39+356SF		
1A		A	759 760	13+25+30		TE	1+811SF	A= 21115SF		
2	INDIANA LUBRICANTS, INC.	A	759 761	13+25+30	37+896SF	FS	3+658SF	A= 18700SF		
2A		A	759 761	13+25+30		FS	5+835SF			
2B		A	760 760	13+25+30		TE	1+623SF			
3	CARRICO, MARTIN F ET UX.	PRA	760 763	13+30+31	2+050AC	FS	0+059AC	A= 1+598AC		
4	JEGEN, DONNA	PRA	763 764	13+31+64	0+682AC	FS	0+037AC	A= 0+510AC		
5	RAMANO, VINCENT ET UX.	A	856 859	20+41+67	2+627AC	FS	0+027AC	A= 1+350AC		
5A		A	864 865	20+42+67		FS	0+088AC	A= 0+785AC		
5B		A	863 864	20+42+67		TE	0+021AC			
6	FIELD, ROBERT J. ET UX.	A	862 863	20+42+67	0+690AC	FS	0+015AC	A= 0+582AC		
7	SMITH, RALPH LEROY	A	863 864	20+42+67	0+690AC	FS	0+015AC	A= 0+572AC		
8	BETZLER, DELBERT ET AL.	A	864 865	20+42+67	1+619AC	FS	0+114AC	A= 1+110AC		
9	LUNN, LAWRENCE M. ET UX.	A	866 871	20+21+27	0+145AC	FS	0+141AC	A= 3+056AC		
9A		A	870 871	21+43+67		TE	0+018AC			
10	REFORMED PRESBY. CHURCH	A	866 868	20+42+67	10+4545SF	FS	2+645SF	A= 99+649SF		
11	WALLEY, JOHN A.	PRA	764 765	13+14+31	0+318AC	FS	0+016AC	A= 0+258AC		
12	SMITH, LUCILLE	PRA	764 765	13+14+31	0+560AC	FS	0+039AC	A= 0+413AC		
13	BANDY, JAMES A. ET AL.	PRA	765 766	14+31+64	23+263SF	FS	770SF	A= 19+072SF		
14	CARPENTER CO., INC.	PRA	766 768	14+31+64	36+911SF	FS	1+901SF	A= 35+013SF		
15	COX, GEORGE R. ET UX.	PRA	768 770	14+31+64	23+754SF	FS	811SF	A= 22+923SF		
16	DIRIZIO, GIANGARLO	PRA	770 772	14+32+64	41+813SF	FS	932SF	A= 40+861SF		
16A		PRA	770 771	14+32+64		TE	560SF			
17	FRANKS, CHARLES ET UX.	PRA	772 773	14+32+64	22+549SF	FS	204SF	A= 18+274SF		
18	CONVENT INDUSTRIES	PRA	774 775	14+32+64	1760AC	FS	0+033AC	A= 1+513AC		
19	HINDS, WARD H. ET UX.	A	775 777	14+32+64	1+168AC	FS	0+033AC	A= 0+817AC		
20	SOUTHWOOD ASSN. OF GOD	A	776 777	14+32+64	2+328AC	TE	0+017AC	A= 2+059AC		
20A		A	775 776	14+32+64		FS	0+033AC	A= 1+221AC		
21	HENRY, ORVILLE R.	A	777 779	14+32+64	1+630AC	FS	0+066AC	A= 1+221AC		
21A		A	778 778	14+32+64		TE	0+020AC			
22	GREEN, DAVID L. ET UX.	A	780 781	15+33+65	22+364SF	FS	164SF	A= 19+214SF		
23	FED. OF GERMAN SOCIETIES	A	782 786	15+33+65	26+111AC	FS	0+526AC	A= 24+028AC		
23A		A	781 781	15+33+65		TE	0+030AC			
23B		A	782 783	15+33+65		SP EASMT RTS				
23C		A	784 785	15+33+65		SP EASMT RTS				
24	PIER, RAY E.	A	781 782	15+33+65	47+343SF	FS	121SF	A= 47+222SF		
25	TORREY, HENRY G. ET UX.	A	783 786	15+33+65	6+790AC	FS	0+231AC	A= 6+185AC		
26	SOUTHCREEK DEVELOPMENT	A	786 788	15+33+65	1+154AC	FS	0+277AC	A= 0+441AC		
27	CLARPITT, CARLA J.	A	786 789	15+33+34	3+074AC	FS	0+766AC	A= 2+875AC		
28	WAGSTICK, CECIL V.	A	788 790	15+33+65	1+227AC	FS	0+031AC	A= 1+176AC		
29	MANNING, DAVID E. ET AL.	A	789 790	15+33+65	0+845AC	FS	0+046AC	A= 0+618AC		
29A		A	789 790	15+33+65		TE	0+047AC			
30	PEARSON, JERRY D. ET UX.	A	790 792	15+33+65	2+074AC	FS	0+049AC	A= 2+068AC		
31	CLINE, WILMA	A	791 792	15+33+65	38+991SF	FS	660SF	A= 30+831SF		
32	FRIEDENS UNITED CHURCH	A	792 793	15+33+65	10+595AC	FS	0+011AC	A= 0+671AC		
32A		A	793 794	15+33+65		FS	0+023AC	A= 0+150AC		
32B		A	794 795	15+33+65		FS	0+012AC			
32C		A	798 799	16+35+65		FS	0+053AC			
33	BUCKINGHAM KEVIN ET UX.	A	800 801	16+35+65	28+376SF	FS	3+431SF	A= 24+939SF		
33A		A	800 801	16+35+65		TE	6+058SF	A= 14+500SF		
34	ANDERSON, JACK D. ET UX.	A	800 801	16+35+65	15+800SF	FS	560SF	A= 14+500SF		
34A		A	800 801	16+35+65		TE	1+000SF	A= 14+000SF		
35	DESJEAN, JOHN A. ET UX.	A	801 802	16+35+65	15+800SF	FS	2+800SF	A= 14+000SF		
35A		A	801 802	16+35+65		TE	2+800SF	A= 14+000SF		
36	SACHS, ROBERT LEE ET UX.	A	802 803	16+35+65	15+800SF	FS	1+800SF	A= 14+000SF		
36A		A	802 803	16+35+65		TE	2+000SF	A= 14+000SF		
37	BAVARY, ROBERT J. ET UX.	A	803 804	16+35+65	15+800SF	FS	1+800SF	A= 14+000SF		
37A		A	803 804	16+35+65		TE	2+000SF	A= 14+000SF		
38	COLLINS, TIMOTHY ET UX.	A	804 805	16+35+65	15+800SF	FS	1+800SF	A= 14+000SF		
38A		A	804 805	16+35+65		TE	2+000SF	A= 14+000SF		
39	HOLMES, CLARA R. ET AL.	A	805 806	16+35+65	15+800SF	FS	1+800SF	A= 14+000SF		
39A		A	805 806	16+35+65		TE	2+000SF	A= 14+000SF		
40	BRISTON, A. SCHARF	A	807 808	16+36+65	15+800SF	FS	1+243SF	A= 13+739SF		
40A		A	807 808	16+36+65		TE	1+739SF	A= 13+739SF		
40B		A	807 808	16+36+65		SP CONTR-SALE				
40C		A	807 808	16+36+65		SP CONTR-SALE				
41	BUCHANAN, LEG ET UX.	A	807 809	16+36+65	16+232SF	FS	1+946SF	A= 14+252SF		
42	FRUITMAN, BEVEDA	A	809 810	16+17+36	16+916SF	FS	2+552SF	A= 14+364SF		
42A		A	809 810	16+17+36		TE	1+222SF	A= 0+627AC		
43	INDIANA PROPERTIES, INC.	A	810 811	17+36+66	0+755AC	FS	0+146AC	A= 0+627AC		
43A		A	810 811	16+36+66		TE	0+059AC			
44	ANGCO OIL COMPANY	A	813 815	17+36+66	1+438AC	FS	0+327AC	A= 1+083AC		
45	MARATHON PETROLEUM CO.	A	813 815	17+36+66	1+189AC	FS	0+037AC	A= 0+877AC		
46	WESTBEND III ASSOC.	A	815 816	17+37+66	2+446AC	TE	0+015AC	A= 2+408AC		
47	METRO-SCHOOL DIST. PERRY	A	815 817	17+36+37	18+421AC	FS	0+027AC	A= 17+877AC		
47A		A	817 818	17+37+66		TE	0+019AC			
48	LEASED RESTAURANT PART.	A	815 817	17+37+66	24+738SF	TE	126SF	A= 19+750SF		
49	JENSEN, RAYMOND ET AL.	A	820 821	17+37+66	0+612AC	TE	0+013AC	A= 0+456AC		
50	MERIDIAN CHURCH OF GOD	A	822 823	17+37+66	40+833SF	TE	912SF	A= 35+533SF		
51	BUCK, RICHARD ET AL.	A	824 826	17+18+38	68+536SF	FS	568SF	A= 67+861SF		
52	COLE, ALLEN J. ET UX.	A	825 826	18+38+66	1+930AC	FS	0+046AC	A= 1+573AC		
53	DE CALDERON, GENEROSA	A	826 826	18+38+66	1+148AC	FS	0+030AC	A= 0+777AC		
53A		A	826 828	18+38+66		TE	0+015AC	A= 0+918AC		
54	GRAY, WILLIAM S.	A	828 830	18+38+66	2+441AC	TE	0+434AC	A= 0+854AC		
54A		A	831 832	18+38+66		TE	0+018AC	A= 0+235AC		
54B		A	831 831	18+38+66		TE	0+066AC			
55	CLARK OILS REFINING CORP.	A	831 833	18+38+66	23+075SF	TE	760SF	A= 16+497SF		
56	MCDONALD'S CORPORATION	A	834 834	18+39+66	1+466AC	TE	0+015AC	A= 1+274AC		

FEDERAL ROAD DISTRICT	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	IND.	MM-841413	1989	3	70

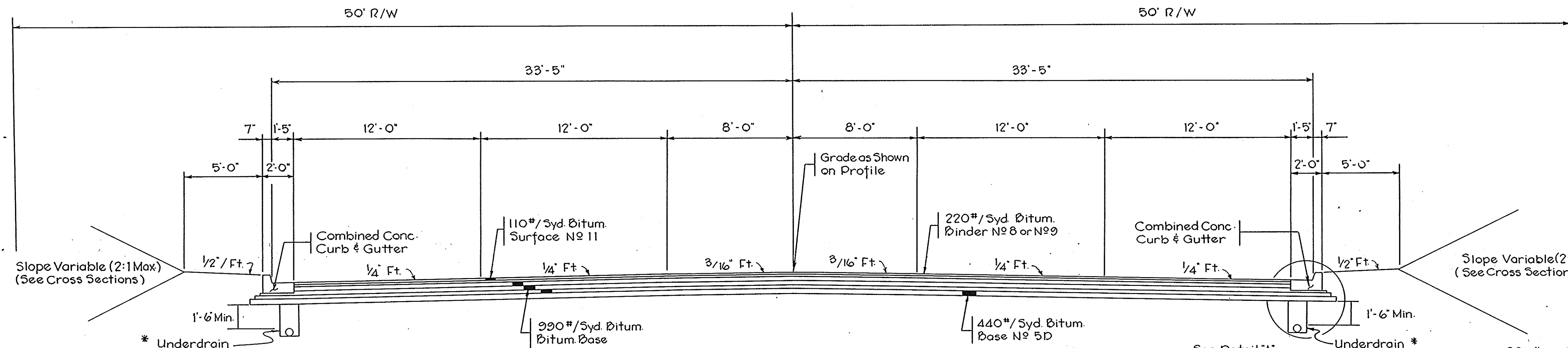
FEDERAL ROAD DISTRICT	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	IND.	MM-841413	1989	3	70

REV. 12-28-89 R. BRADWAY

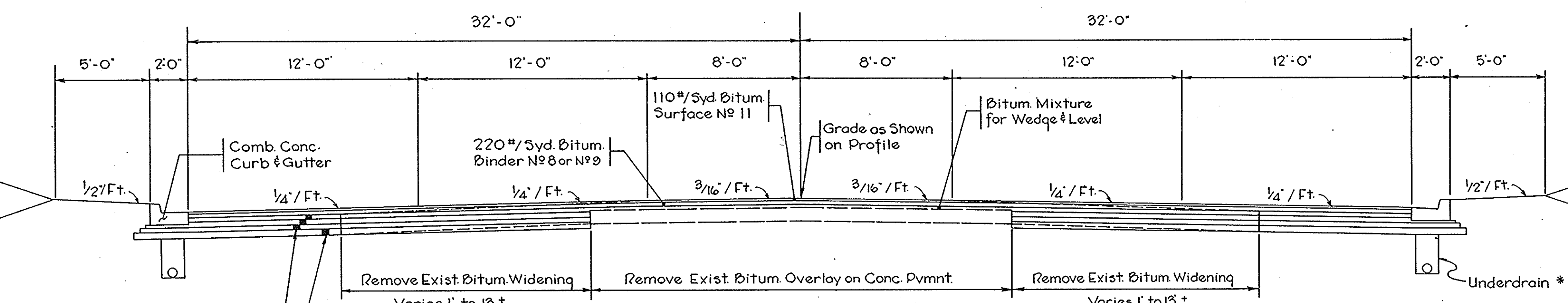
PARCEL NUMBER	GRANTOR	CENTER LINE	FROM APPROX STR.	TO APPROX STR.	PLAN SHEET	BRIDGE	TOTAL AREA	R/W EXISTING	MATURE LAND TITLE ACQUIRED	RESIDUE AREA	ALIG.
57	RIDGECOD CONSTR. INC.	A	837	839	18+39+60		15.6615F	0.819AC	FS 8635F	A= 14.7785F	
58	MCNATH, JAMES A.	A	836	837	18+39+60		2.3720C	0.819AC	FS 0.0033AC	A= 0.671AC B= 0.877AC	
58A		A	837	838	18+39+66				FS 0.0022AC		
59	AMBASSADOR PARK SOUTH	A	839	840	18+19+39		9.4039C	0.699AC	FS 0.0111AC	A= 8.689AC	
59A		A	843	845	19+40+67				FS 0.0030AC		
59B		A	841	842	19+39+67				TE 0.0180AC		
60	AUTRY, OTIS F. ET AL.	A	849	850	19+29+40		50.7635F		FS 1.0725F	A= 49.7115F	
61	HEBB, JOHN E. ET UX.	A	850	852	19+29+67		29.8608F		FS 1.9525F	A= 27.9085F	
62	MOORE, DALLAS W. ET UX.	A	852	855	19+41+67		19.9775F		FS 9.995F	A= 10.9785F	
62A		A	852	853	19+41+67				TE 1.1150SF		
63	BACH, NICHOLAS J.	A	853	854	19+41+67		26.5505F		FS 1.625F	A= 26.4445F	
63A		A	853	854	19+41+67				TE 5.495F		
64	GRAFFON, ROGER ET UX.	A	853	855	19+20+41		26.9335F		FS 1.5495F	A= 25.3845F	
65	MIERMAN, WILLIAM ET UX.	A	854	855	20+41+67		35.9985F		FS 1.195F	A= 35.2795F	
66	KASTING, ERVIN H. ET UX.	A	855	856	20+41+67		23.2963F		FS 9.655F	A= 22.3255F	
67	DOBBS, MARK K. ET UX.	A	856	856	20+41+67		35.9785F		FS 9.995F	A= 35.2595F	
68	CONERT, MELVIN J.	A	856	859	20+41+67		26.6245F		FS 1.268F	A= 26.4985F	
68A		A	860	860	20+41+67				TE 2.805F		
69	CUNNING, EVELYN L.	A	870	871	21+43+68		98.9555F		FS 1.505F	A= 98.2655F	
70	HICKS, FREDERICK ET UX.	A	871	872	21+43+68		1.374AC	0.218AC	TE 0.011AC	A= 1.1506AC	
71	CAMPBELL, VICTORIA E.	A	871	872	21+43+68		35.9985F		FS 9.55F	A= 35.9035F	
72	MC COY, ARNOLD ET UX.	A	875	875	21+43+68		2.084AC	0.483AC	FS 0.003AC	A= 1.558AC	
72A		A	874	874	21+43+68				TE 0.003AC		
73	BOOE, ELMER M. ET AL.	A	876	876	21+43+68		35.9985F		FS 1.305F	A= 35.8685F	
73A		A	875	875	21+43+68				TE 3.385F		
74	ELIMINATED 5-22-89										
74A	SURNETTE, R. ELLEN	A	877	878	21+43+68		0.503AC	0.892AC	FS 0.004AC	A= 0.409AC	
75	MCCULLOUGH, JOHN ET UX.	A	877	877	21+43+68		31.4995F		FS 2.835F	A= 31.2165F	
76	KEVITT, JOHN J. ET UX.	A	877	879	21+43+68		0.866AC	0.161AC	FS 0.0036AC	A= 0.8709AC	
77	LAKSTIANS, VICTOR ET UX.	A	878	879	21+44+68		31.7395F		TE 3.605F	A= 31.7395F	
78	GREY, GERALD W. ET UX.	A	879	881	21+44+68		14.509AC	0.264AC	FS 0.018AC	A= 13.727AC	
79	LAURENCE, K. D. ET UX.	A	887	887	22+45+68		18.9975F		FS 9.75F	A= 18.9505F	
80	COOPER, JOHN REID	A	888	888	22+45+68		18.9975F		FS 5.15F	A= 18.9505F	
81	TURNER, MARY H.	A	889	890	22+45+68		18.9975F		TE 3.005F	A= 18.975F	
82	BRANDMAIER, AUREY H.	A	890	891	22+45+68		18.9975F		TE 3.005F	A= 18.975F	
83	DANDROW, ROBERT ET UX.	A	892	893	22+45+68		1.844AC	0.374AC	FS 0.053AC	A= 0.671AC	
84	SCHOETTL, FLORENCE J. A.	A	892	893	22+45+68		20.800AC	1.486AC	FS 0.009AC	A= 18.498AC	
84A		A	898	899	22+46+68				FS 0.007AC		
85	RISCH, VICTOR L. ET UX.	A	898	899	22+46+68		1.000AC	0.149AC	TE 0.013AC	A= 0.851AC	
86	FASCHT, LOUIS ET UX.	A	899	899	22+46+68		0.705AC	0.106AC	TE 0.006AC	A= 0.602AC	
87	ALDERSON, GENE ET UX.	A	900	901	23+46+69		19.6795F		FS 4.115F	A= 19.2485F	
88	CUMPTON, JAMES L. ET UX.	A	901	902	23+46+69		1.309AC	0.178AC	FS 0.002AC	A= 1.129AC	
89	STARK, WY. G.	A	911	903	23+46+69		29.3655F		FS 4.315F	A= 28.9935F	
90	TINGLE, FREDERICK ET UX.	A	904	904	23+46+69		29.3655F		FS 4.675F	A= 28.8885F	
91	LAMB, DONALD G.	A	908	908	23+47+69		28.8955F		FS 3.805F	A= 28.5105F	
92	FULTON, THOMAS W.	A	907	908	23+47+69		0.666AC	0.107AC	TE 0.028AC	A= 0.499AC	
93	SEXTON MERIDIAN CRT. S. A.	A	845	853	19+40+41		30.093AC	0.867AC	FS 0.144AC	A= 29.102AC	
93A	ELIMINATED 7-7-89								TE 0.003AC		
94	GRAY ROBINSON ET AL. CO.	A	808	810	16+36+65		2.911AC	0.140AC	FS 0.007AC	A= 2.764AC	
95	MERIDIAN CHURCH OF GOD A. FOREST COMMUNITY ASSN. INC.	A	825	826	18+38+66		2.120AC	0.468AC	FS 0.003AC	A= 1.649AC	
96	FORREST MICHAEL	A	879	884	21+44+68		133.0005F		FS 2.0135F	A= 130.9875F	
97	HUDDLESTON, BARBARA A.	A	836	837	18+39+66		1.497AC	0.210AC	FS 0.004AC	A= 1.283AC	
97A		A	835	836	18+39+66				TE 0.003AC		
98	KIAS, MICHAEL J. ET AL.	A	891	892	22+45+68		17.5645F		FS 1.465F	A= 17.4405F	
99	SANTA, RALPH E.	A	12	13	29+52+67		19.9995F		FS 8.85F	A= 19.9165F	
99A		A	12	13	29+52+67				TE 6.635F		
100	EQUITY FINANCIAL CORP.	A	830	831	18+38+66		0.574AC	0.115AC	TE 0.011AC	A= 0.459AC	
100A		A	830	831	18+38+66				SP CONFESALE		
101	KORLMAN, NORMA K.	A	876	876	21+43+68		0.663AC	0.250AC	FS 0.002AC	A= 0.411AC	

* ASTERISK IN THE BRIDGE COLUMN INDICATES THE PARCEL IS PARTIALLY OR COMPLETELY WITHIN THE LIMITS OF A BRIDGE PROJECT.
 * ASTERISK IN THE BRIDGE COLUMN INDICATES A BUILDING TO BE REMOVED IS PARTIALLY OR COMPLETELY WITHIN THE R/W REQUIRED.
 EASMT RTS = CLEARANCE OF PRIVATE EASEMENT WHICH ENCUMBERS THE TAKING
 CONFESALE = RELEASE OF CONTRACT INTEREST
 SP = SPECIAL INSTRUMENT FOR CLEARING SPECIAL INTERESTS (GC DEED, SPECIAL R/W GRANT, RELEASE OF LEASEHOLD, ETC.)
 FS = EFF SIMPLE TITLE
 TE = TEMPORARY R/W

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-8414(1)	1989	4	70

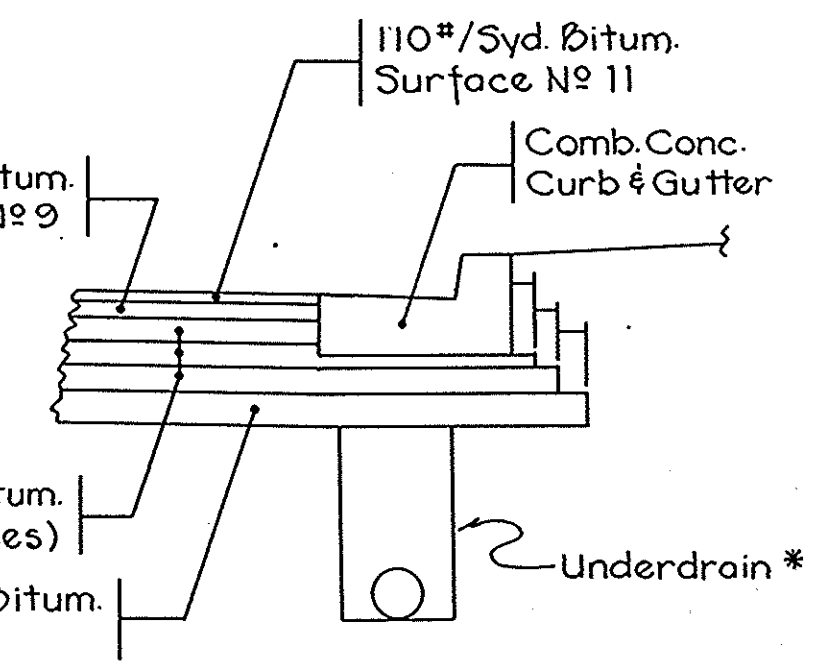


TYPICAL SECTION
 STA. 759+21.88 To STA. 765+00 "PR-A"
 STA. 781+50 To STA. 804+50 "A"
 STA. 875+50 To STA. 881+50 "A"

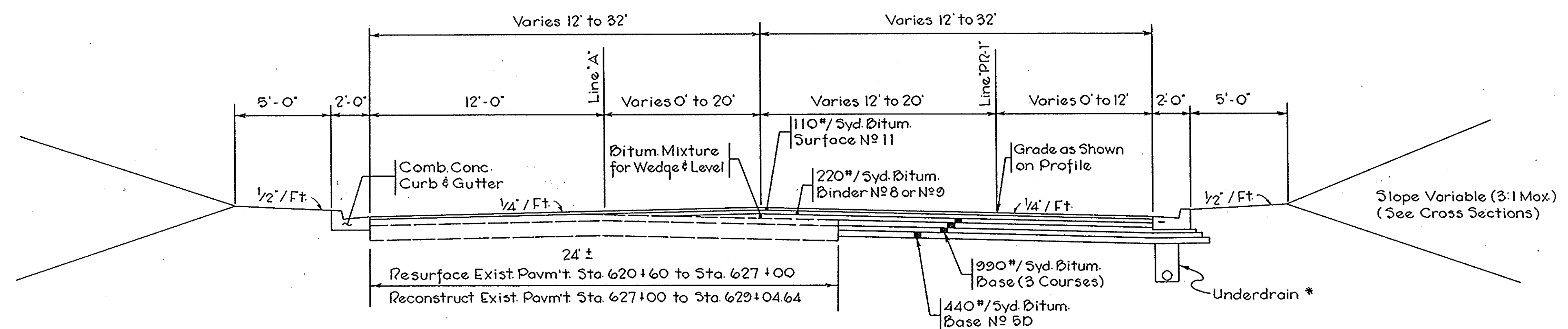


TYPICAL SECTION
 STA. 765+00 To STA. 775+13.16 "PR-A"
 STA. 775+13.14 To STA. 781+50 "A"
 STA. 804+50 To STA. 875+50 "A"
 STA. 881+50 To STA. 905+00 "A"
 STA. 905+00 To STA. 912+67.8 "PR-A"

* FOR DETAIL OF UNDERDRAIN SEE MISC. STANDARD "MN"



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



TYPICAL SECTION
~~STA. 620+60 To STA. 629+04.64 "PR-1"~~
 (Incidental Construction)

LINES "A", "PR-A", & "PR-1"
TYPICAL CROSS SECTIONS

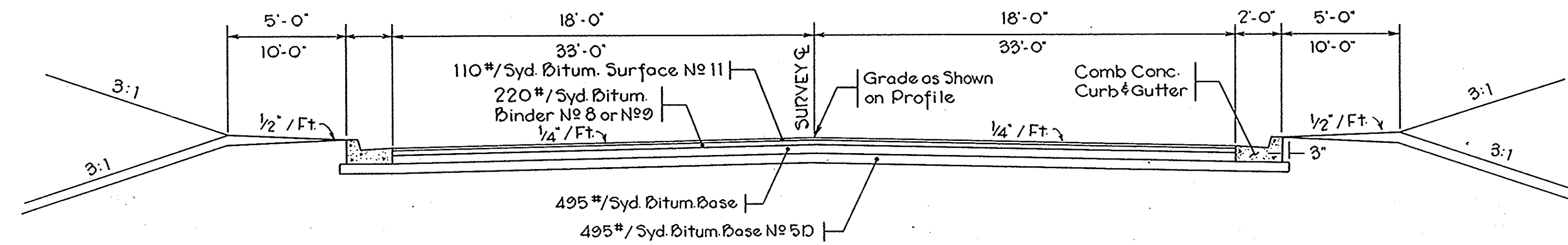
SCALE: 1/4" = 1'-0"

RECOMMENDED FOR APPROVAL _____

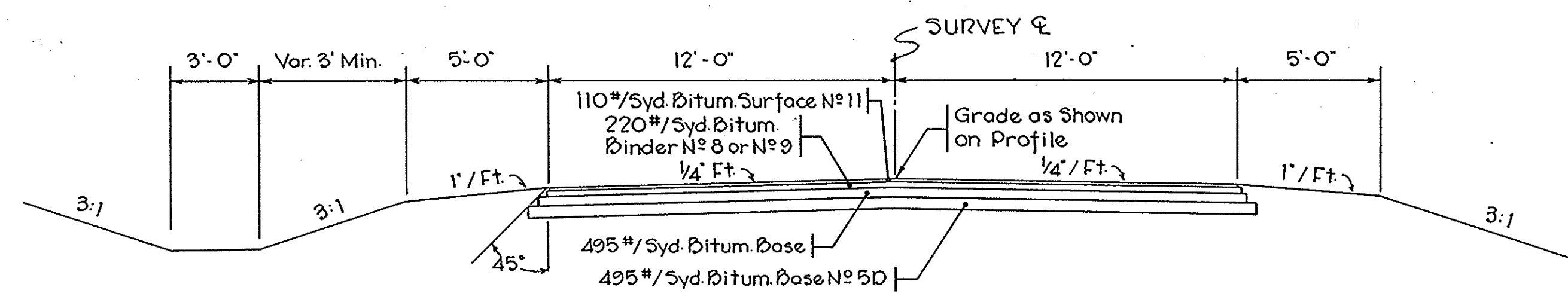
ENGINEER OF ROAD DESIGN INDIANA DEPARTMENT OF HIGHWAYS

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
MAM-8414(1)		4	70	

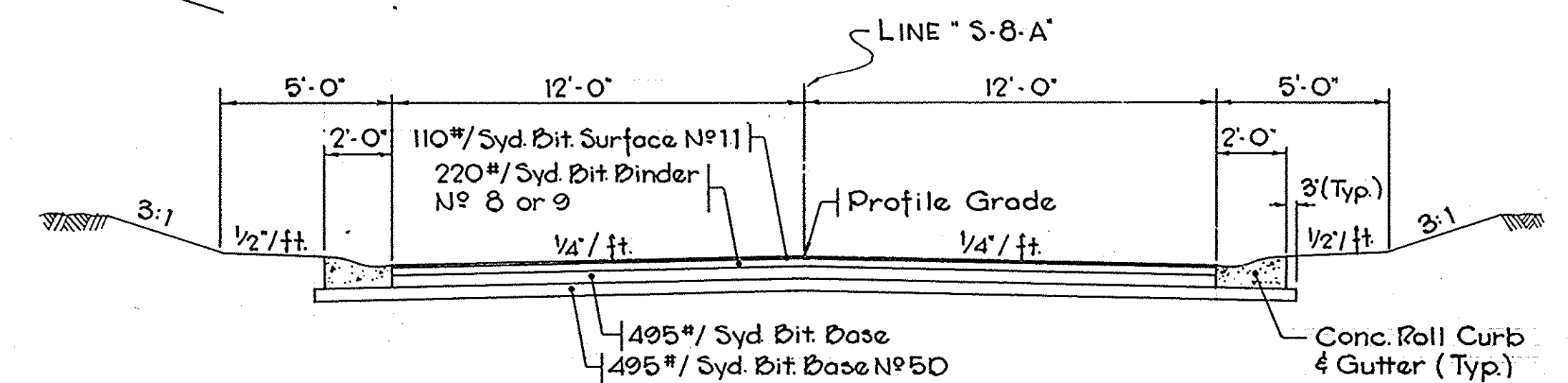
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B 414 (I)	1989	5	70



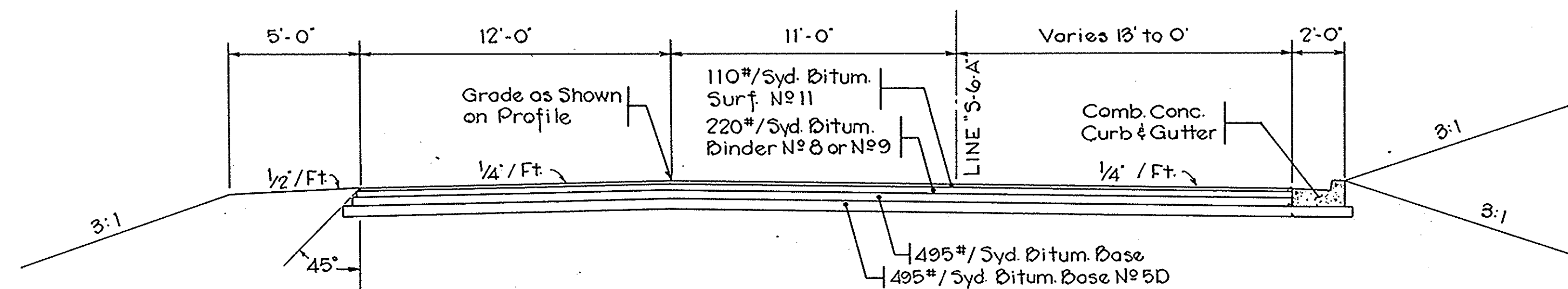
TYPICAL SECTION
LINES "S-1-A", "S-2-A", & "S-4-A"



TYPICAL SECTION
LINE "S-5-A"



TYPICAL SECTION
LINE "S-8-A"



TYPICAL SECTION
LINE "S-6-A"

LINES "S-1-A", "S-2-A", "S-4-A", "S-5-A",
"S-6-A" & "S-8-A"

TYPICAL CROSS SECTIONS

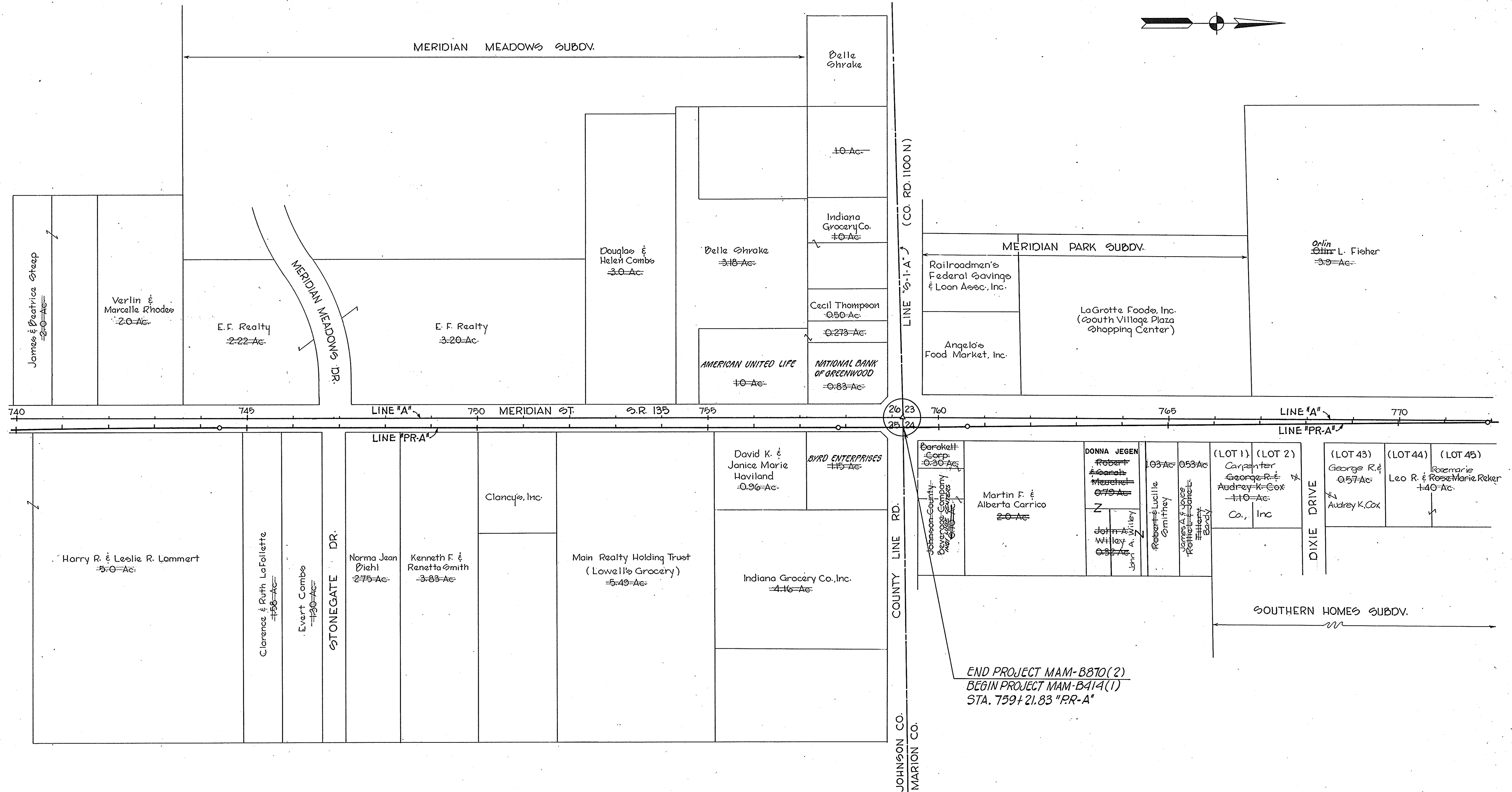
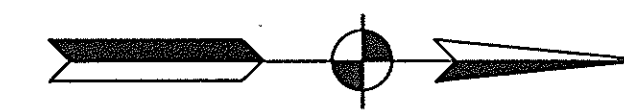
SCALE: - 1/4" = 1'-0"

RECOMMENDED FOR APPROVAL _____

ENGINEER OF ROAD DESIGN INDIANA DEPARTMENT OF HIGHWAYS

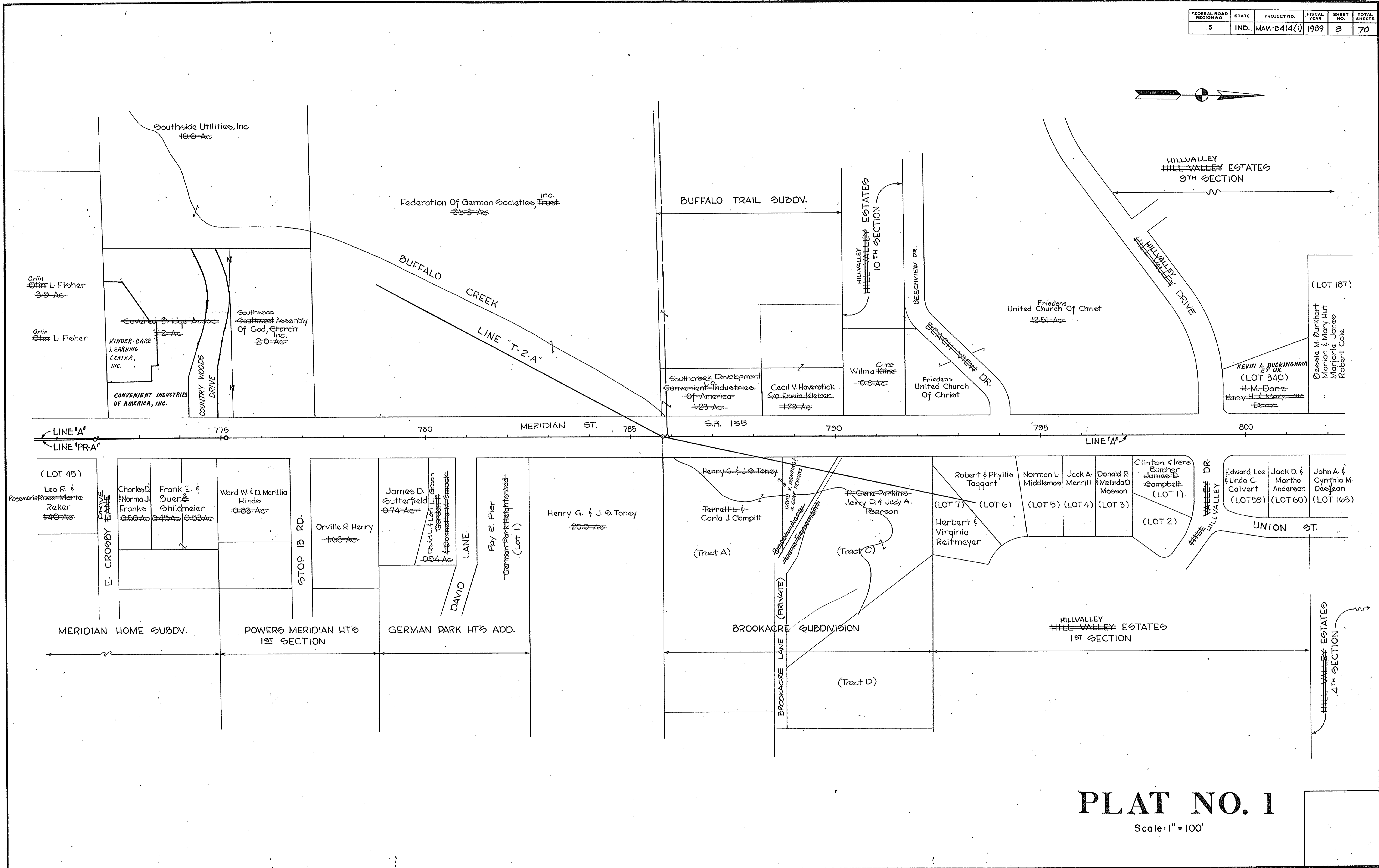
PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
MAM-B 414 (I)		5	70	

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-8414(1)	1989	7	70



PLAT NO. 1
 SCALE: 1" = 100'

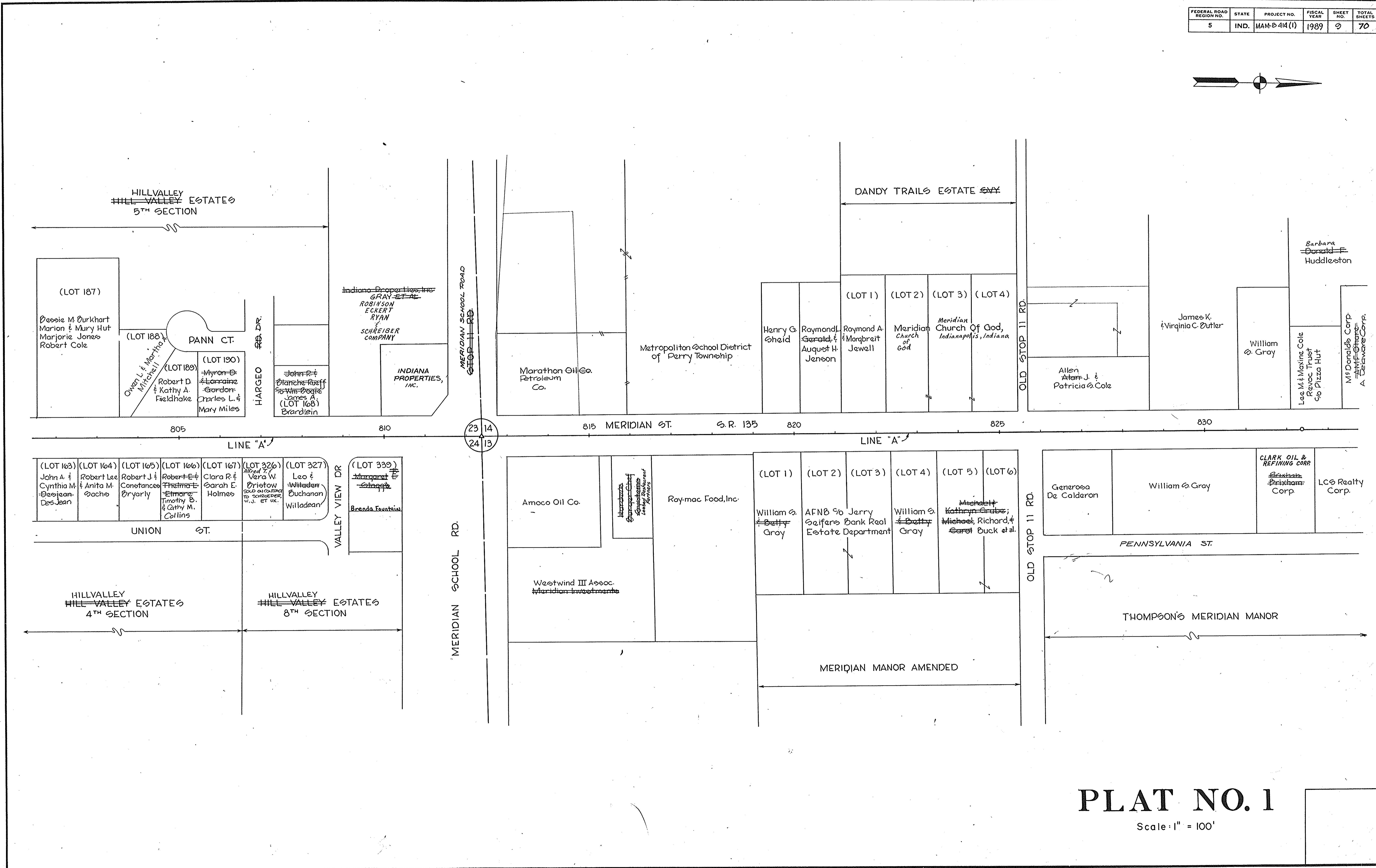
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-0414(1)	1989	8	70



PLAT NO. 1

Scale: 1" = 100'

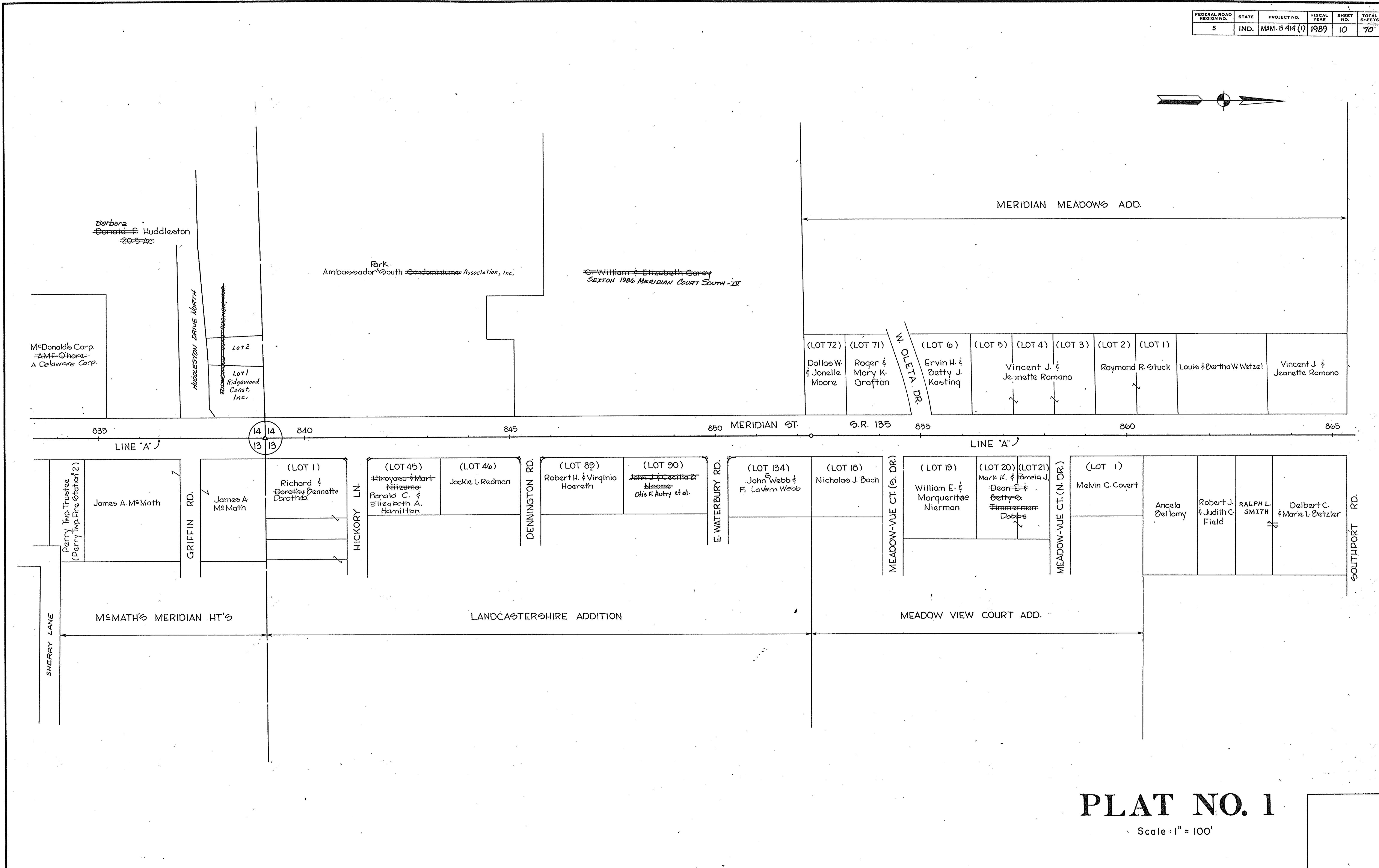
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B-414(I)	1989	9	70



PLAT NO. 1

Scale: 1" = 100'

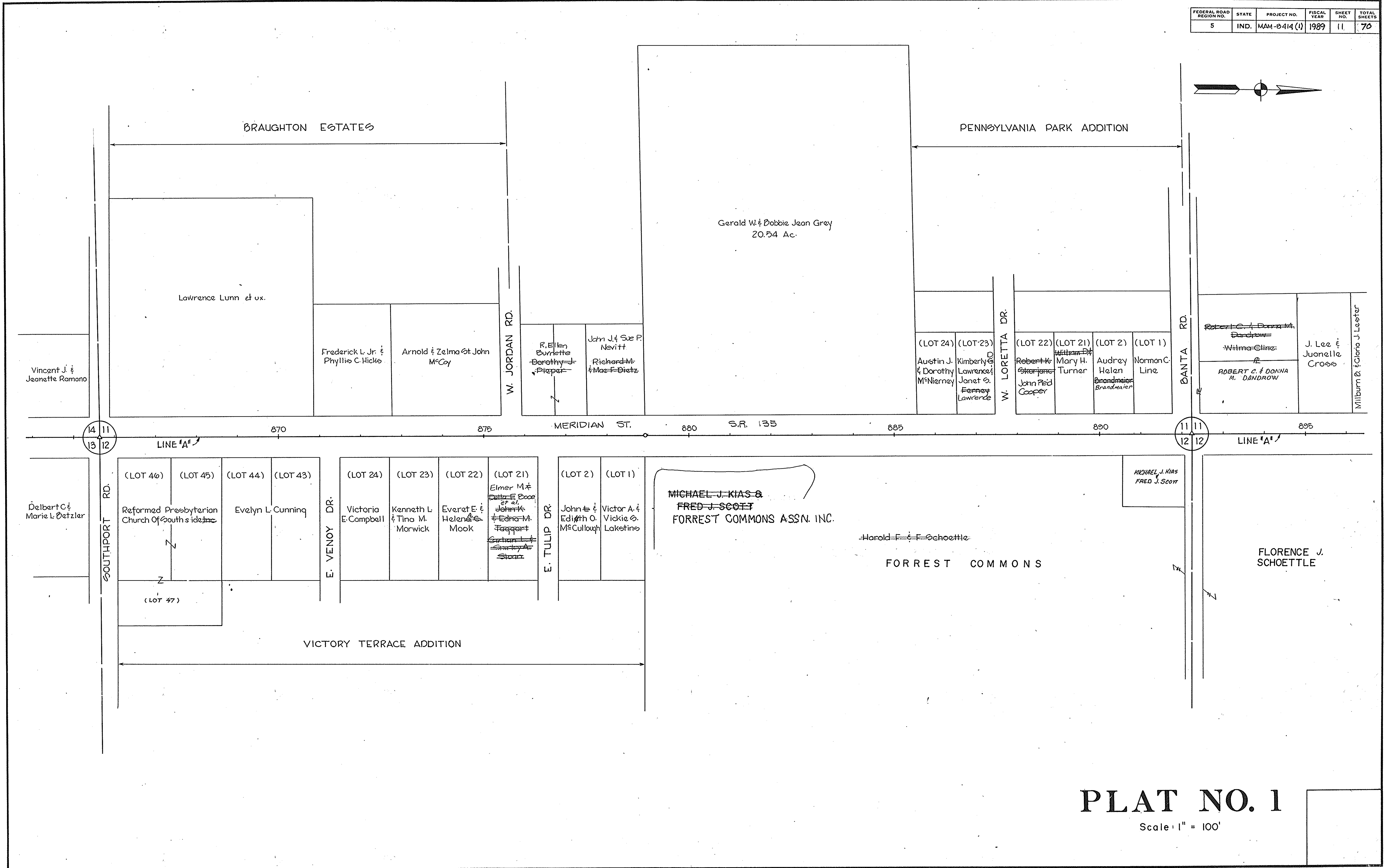
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-8414 (1)	1989	10	70



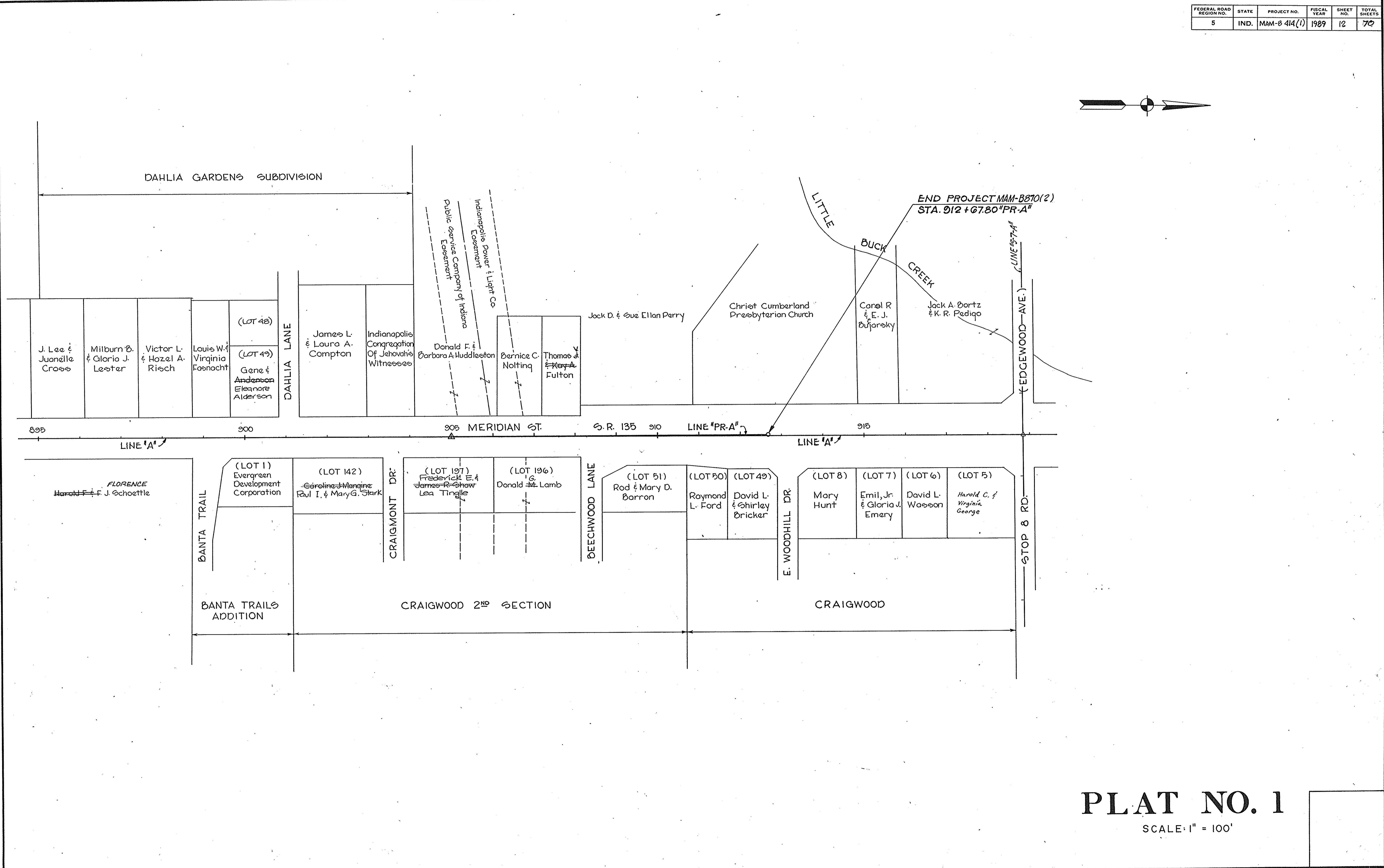
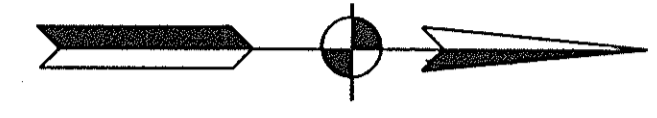
PLAT NO. 1

Scale: 1" = 100'

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-8414 (1)	1989	11	70



FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-8 414(1)	1989	12	70



PLAT NO. 1

SCALE: 1" = 100'

FOR LOCATION OF STREETS & DRIVES SEE DETAIL SHEET NO 30 & 31

FOR 15-2-A SEE SHIT NO 25 & 40

REV. 6-30-74, SIGN NOTE ADDED AT STA 76+78.17 BY CPER DESIGN PLANS R. BROADWAY

FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B414(1)	1989	13	70

PLAN

DESIGNED BY: M.F. NEWHAUSER

DATE: 5/85

NOTE BOOK: GAUGES CHECKED

BY: W.M. NOTED

NO. 1

STRUCTURE NOTATIONS CHECKED

PROFILE

DESIGNED BY: M.F. NEWHAUSER

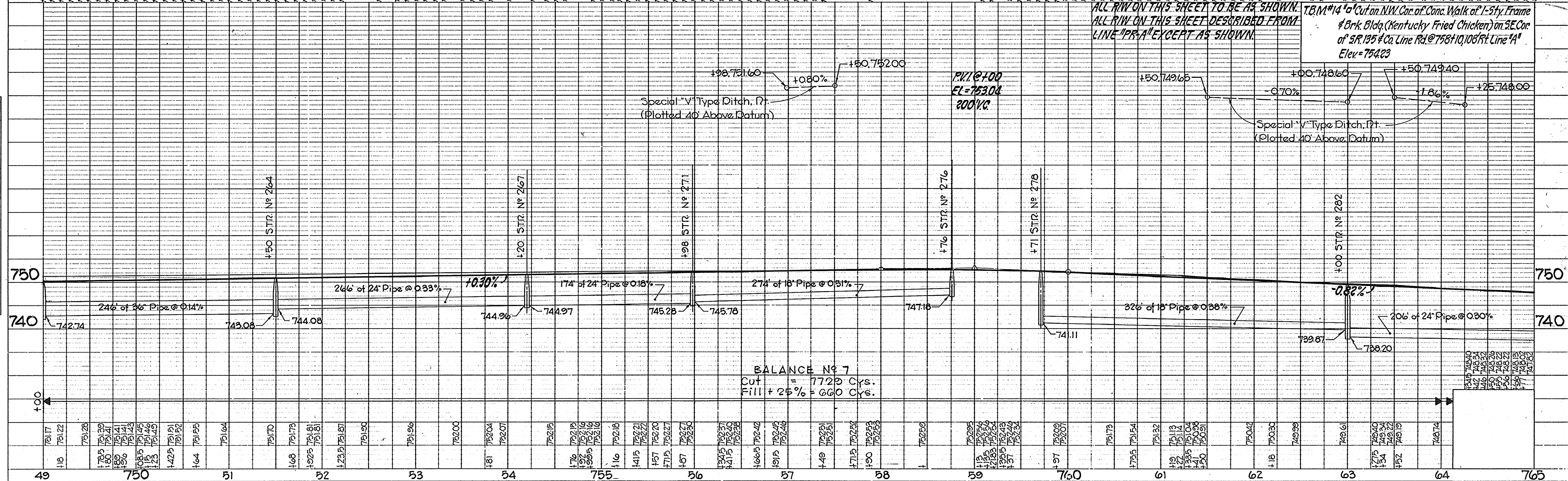
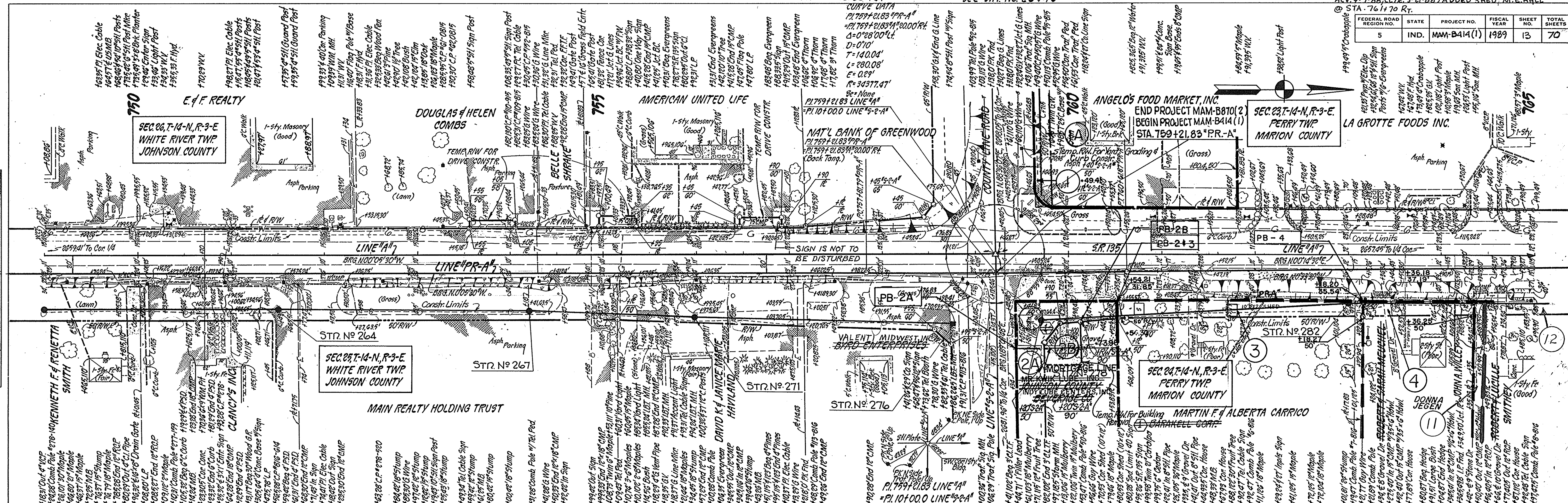
DATE: 5/85

NOTE BOOK: GAUGES CHECKED

BY: W.M. NOTED

NO. 1

STRUCTURE NOTATIONS CHECKED



ALL R/W ON THIS SHEET TO BE AS SHOWN. T.B.M. #14 to Cut on N.W. Cor. of Conc. Walk of 1-1/2" Frame & Brk. Bldg. (Kentucky Fried Chicken) on S.E. Cor. of S.R. 135 & Co. Line Rd. at 758+110.81 R/L. Line 'A' Elev = 754.23

ALL R/W ON THIS SHEET DESCRIBED FROM LINE 'PR A' EXCEPT AS SHOWN.

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
MAM-B414(1)	15-2-A	13	70	

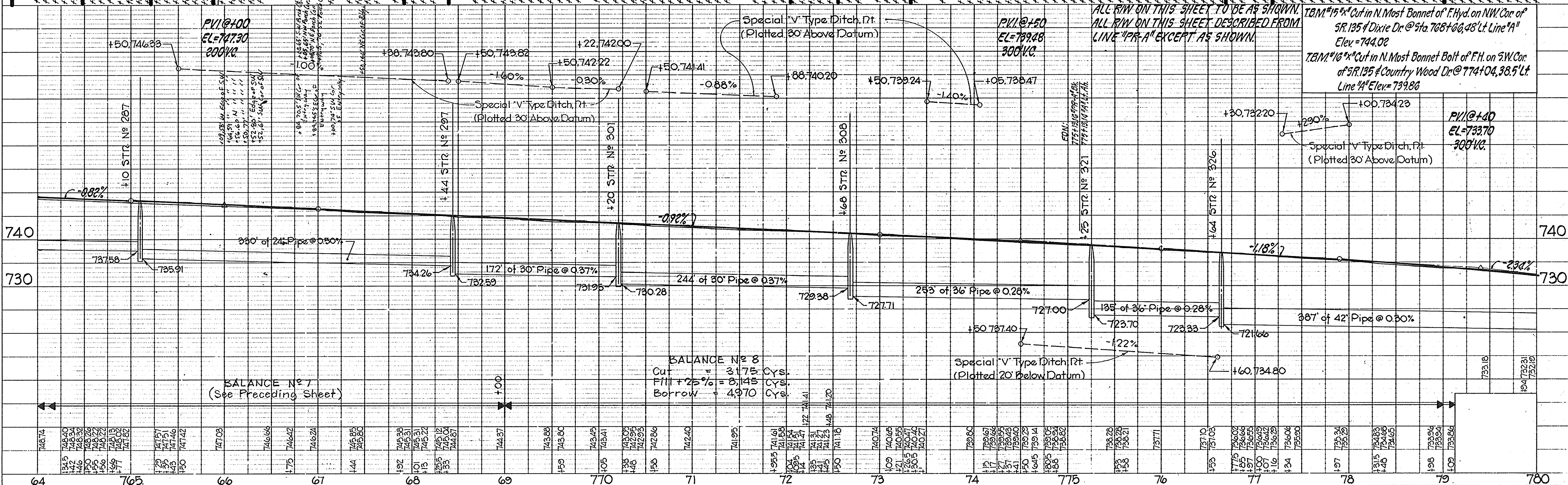
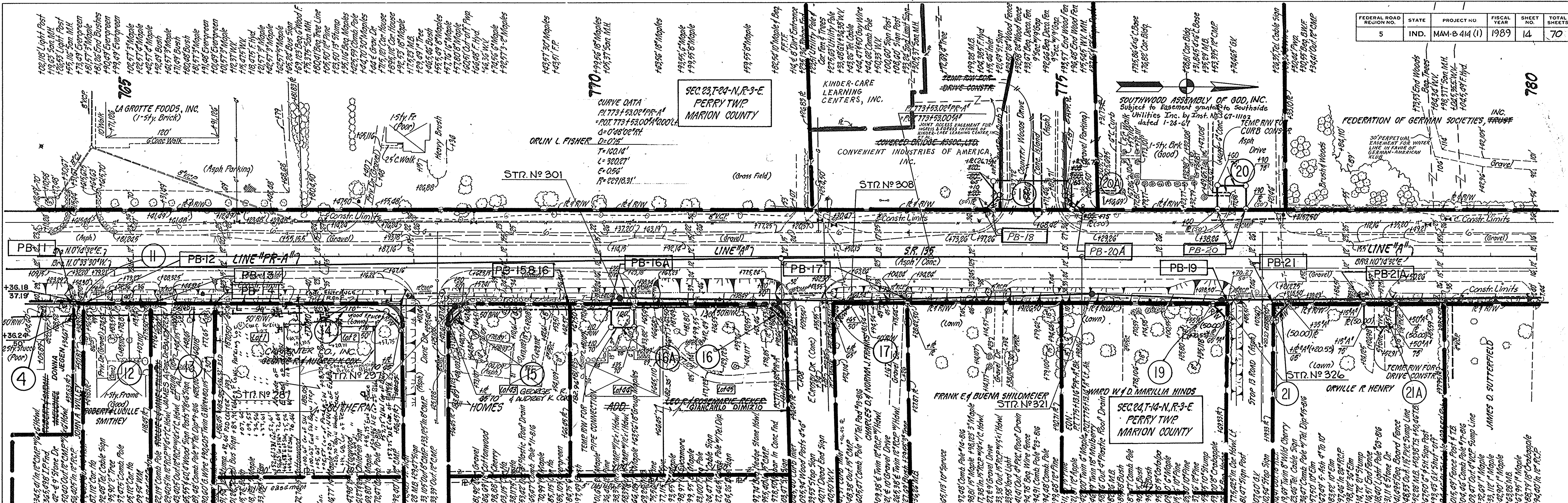
FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B 414 (1)	1989	14	70

DATE: 3/25/85
BY: M.P. NEWKIRK
F. LARABEE

SYMBOLS:
NOTED:
NOTE BOOK: 8 A 11 PHOTO
No. 1. STRUCTURE NOTATIONS CHECKED

DATE: 3/25/85
BY: M.P. NEWKIRK
F. LARABEE

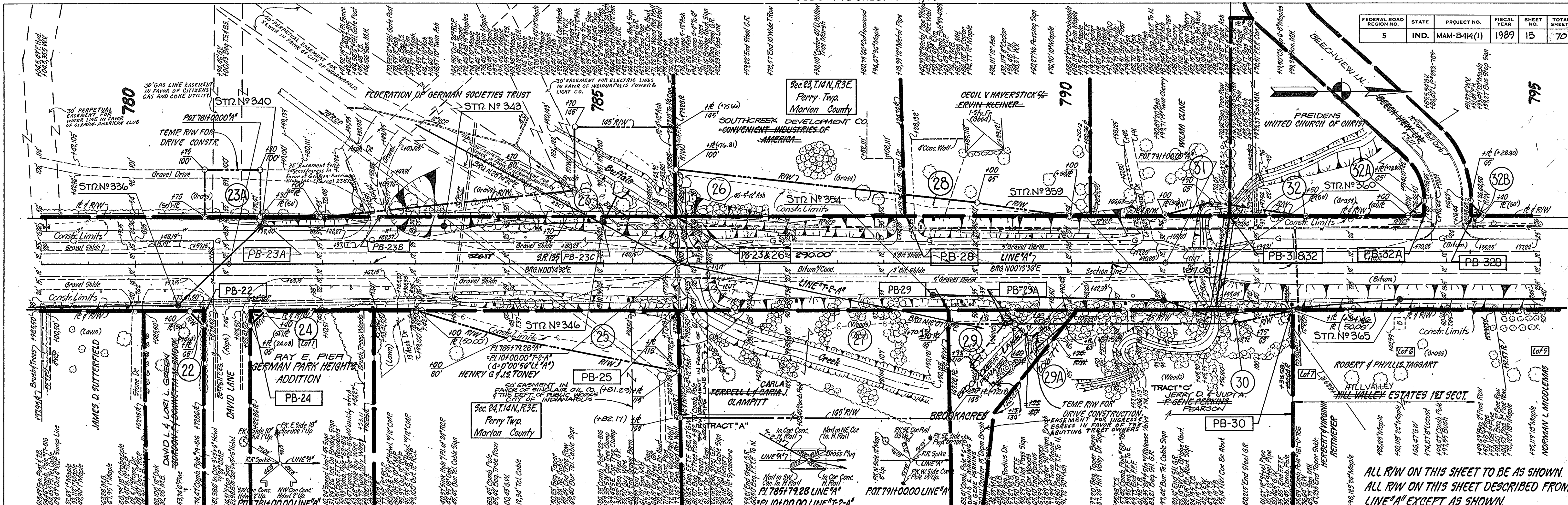
SYMBOLS:
NOTED:
NOTE BOOK: 8 A 11 PHOTO
No. 1. STRUCTURE NOTATIONS CHECKED



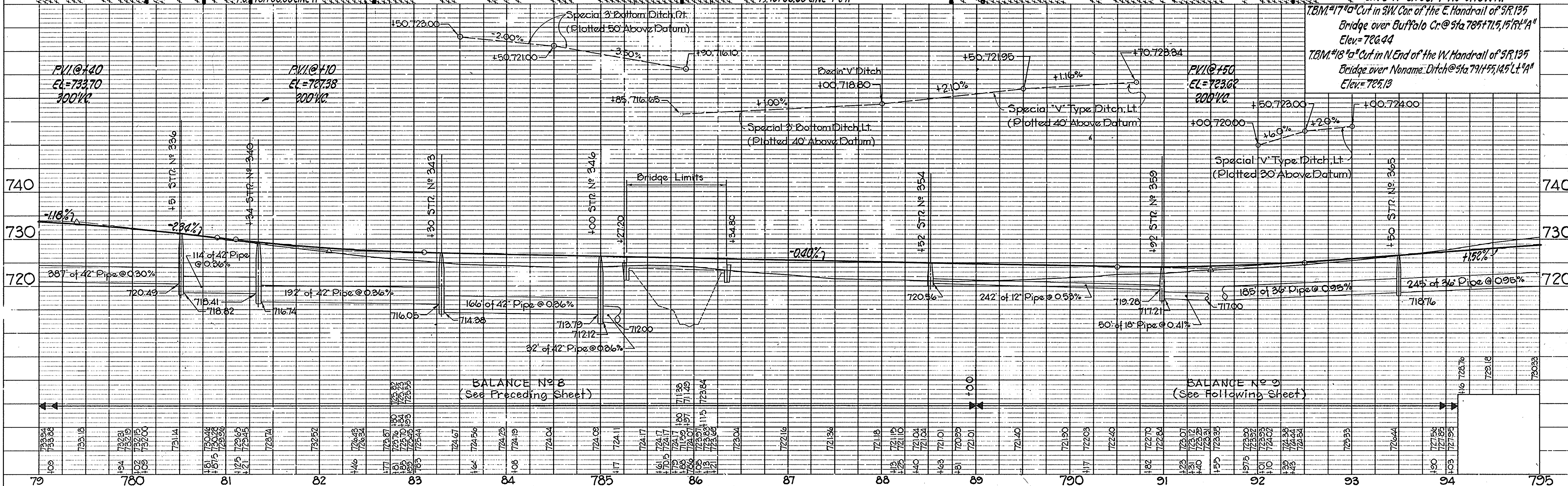
FOR LOCATION OF STREETS & DRIVES
SEE DETAIL SHEET NO. 33, 434

REPT. PARCEL 23A, EXPANDED YEAR '88
2-21-89 R. SHADWAY

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B414(1)	1989	15	70



ALL R/W ON THIS SHEET TO BE AS SHOWN.
ALL R/W ON THIS SHEET DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.



TBM #17 "a" Cut in SW Cor. of the E. Handrail of SR 135
Bridge over Buffalo Cr. @ Sta. 785+71.5, 15' R/L "A"
Elev = 726.44
TBM #18 "a" Cut in N. End of the W. Handrail of SR 135
Bridge over Noname Ditch @ Sta. 791+55, 14.5' L/L "A"
Elev = 725.13

BALANCE N° 3
(See Preceding Sheet)

BALANCE N° 9
(See Following Sheet)

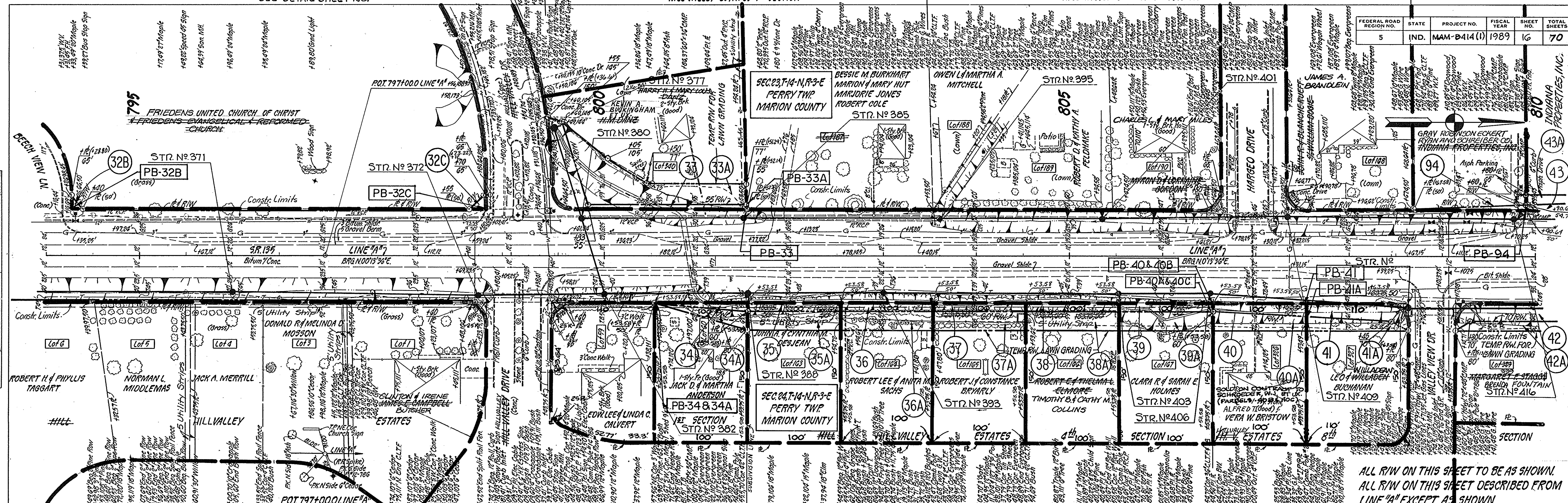
DATE: 10/25/88
BY: M.F. NEWKIRK
F. J. JARZEMBA
NOTE BOOK: 15
NO. 1
STRUCTURE NOTATIONS CHECKED

DATE: 10/25/88
BY: M.F. NEWKIRK
F. J. JARZEMBA
NOTE BOOK: 15
NO. 1
STRUCTURE NOTATIONS CHECKED

DELETE R/W CUT; ADDED 25-FOOT RADIUS ON LEFT BETWEEN STA. 805+40 AND STA. 807+70 N. HARRIS-ROYER 10-24-88
 DELETE R/W CUT; ADDED 25-FOOT RADIUS ON RIGHT BETWEEN STA. 798+50 AND STA. 799+70 N. HARRIS-ROYER 10-24-88
 DELETE DESIGN PT. ON LEFT AT STA. 798+75; REVISE DESIGN PT. ON LEFT FROM +70/65' TO +R/35' AT STA. 798+73 N. HARRIS-ROYER 10-24-88
 REVISE RANGE PLUS ON RIGHT BETWEEN STA. 800+53.58 AND STA. 809+13.58 N. HARRIS-ROYER 10-24-88
 ADD 25-FOOT RADIUS ON RIGHT BETWEEN STA. 808+40 AND STA. 809+40 N. HARRIS-ROYER 10-24-88
 REV. 11-02-89 NAME CHANGE, PARCELS 33, R. BRADWAY
 CODE 2338

FOR LOCATION OF STREETS & DRIVES
 SEE DETAIL SHEET NO.

HILL VALLEY ESTATES 9th SECTION
 HILL VALLEY ESTATES 5th SECTION



ALL R/W ON THIS SHEET TO BE AS SHOWN.
 ALL R/W ON THIS SHEET DESCRIBED FROM
 LINE "A" EXCEPT AS SHOWN.

PLAN
 M. E. NEWHAUSER
 CIVIL ENGINEER
 NOTE BOOK GRADES CHECKED
 B. M. A. NOTED
 STRUCTURE MODIFICATIONS CHECKED

PROFILE
 M. E. NEWHAUSER
 CIVIL ENGINEER
 NOTE BOOK GRADES CHECKED
 B. M. A. NOTED
 STRUCTURE MODIFICATIONS CHECKED

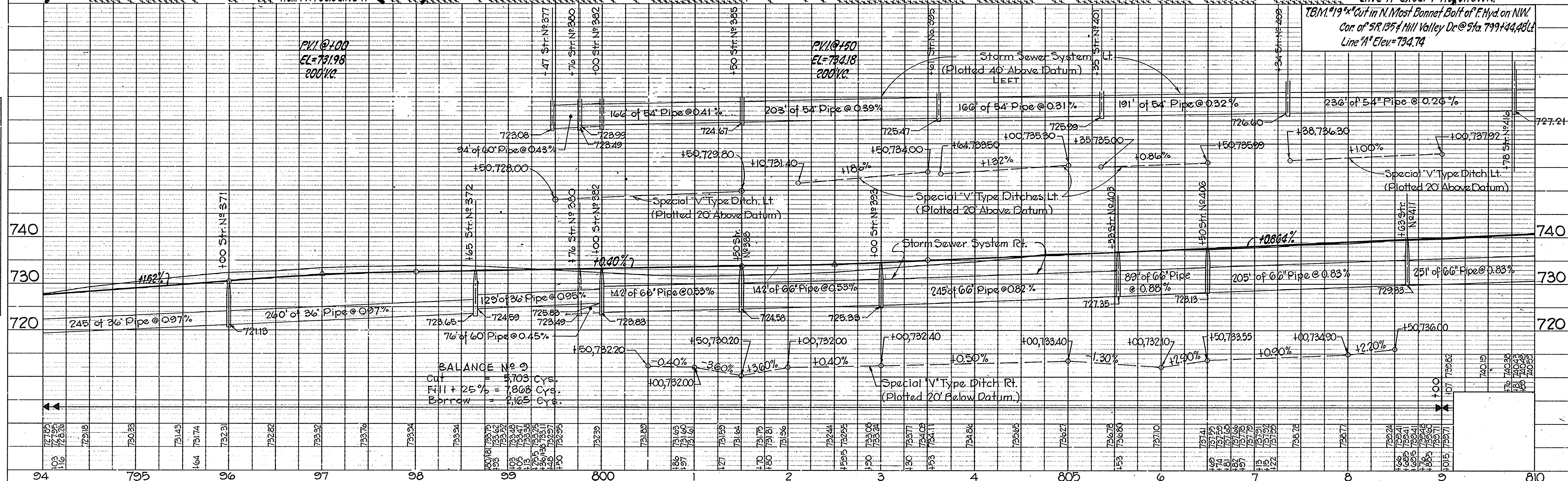
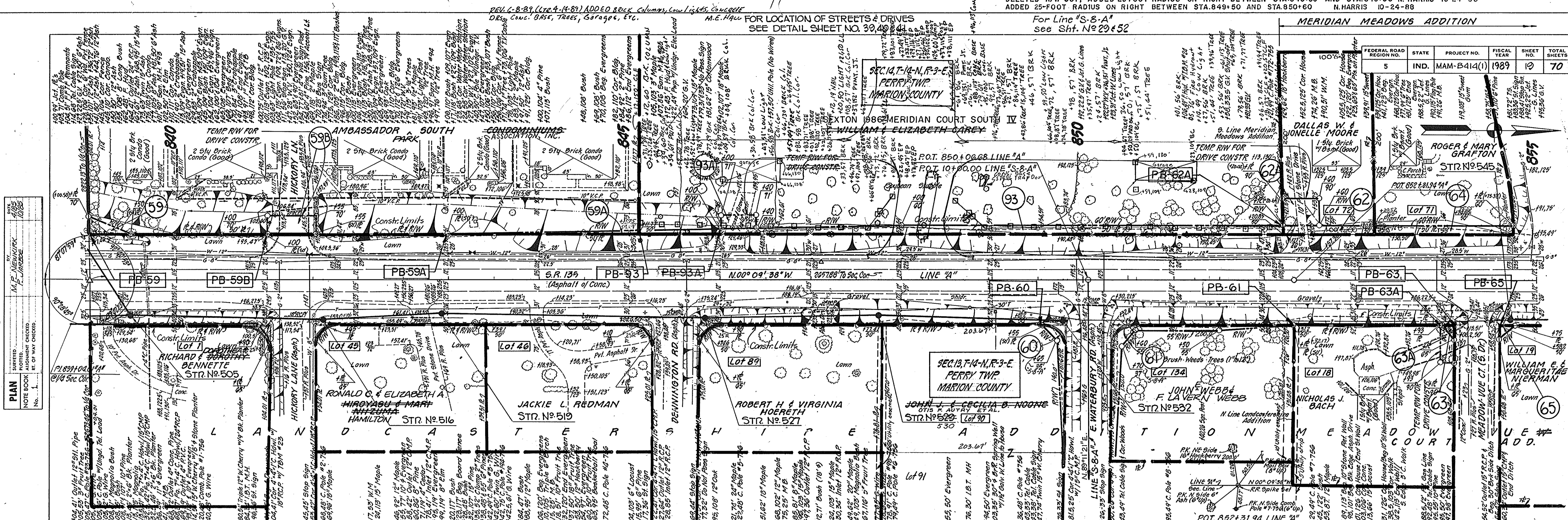


PLATE 1 - PLAN - PROFILE D. R. STANDARD
 1975

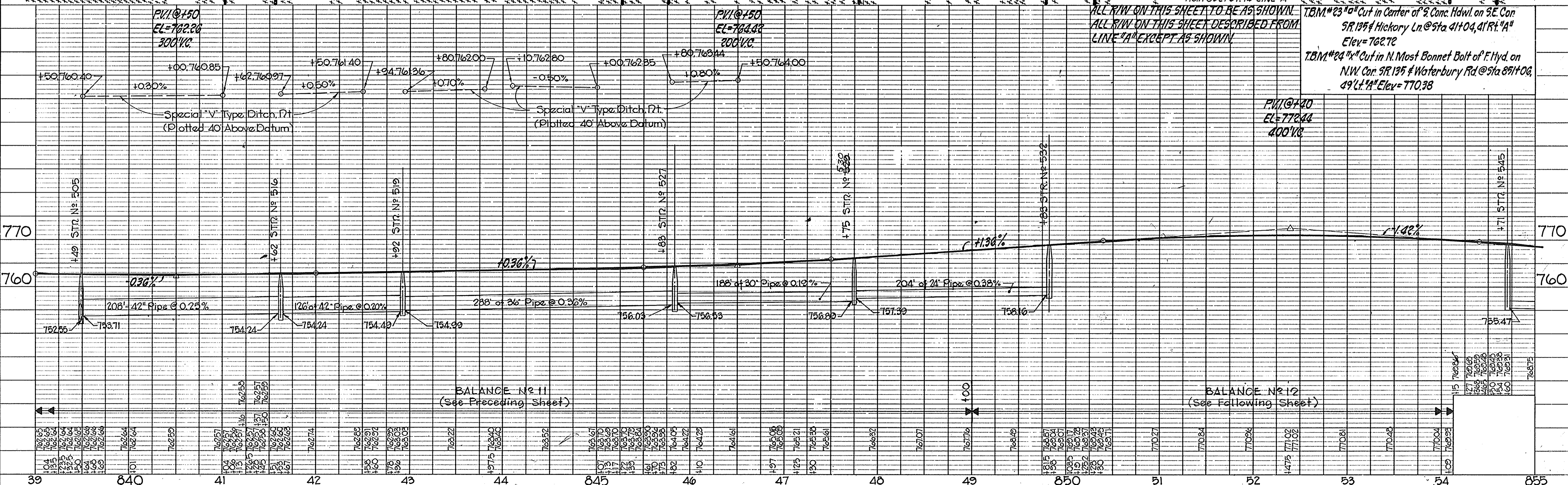
PROJECT NO.	LINE	SHEET	TOTAL SHEETS
MAM-B414(1)	A	16	70

DELETED R/W CUT; ADDED 25-FOOT RADIUS ON RIGHT BETWEEN STA.840+80 AND STA.846+00 N. HARRIS 10-24-88
ADDED 25-FOOT RADIUS ON RIGHT BETWEEN STA.849+50 AND STA.850+60 N. HARRIS 10-24-88



PLAN
 SURVEYED BY: M.F. NEWKIRK
 DATE: 10/25/88
 NOTE BOOK: GRADE CHECKED
 NO. 1
 STRUCTURE: NOTATIONS CHECKED

PROFILE
 SURVEYED BY: M.F. NEWKIRK
 DATE: 10/25/88
 NOTE BOOK: GRADE CHECKED
 NO. 1
 STRUCTURE: NOTATIONS CHECKED



ALL R/W ON THIS SHEET TO BE AS SHOWN.
 ALL R/W ON THIS SHEET DESCRIBED FROM
 LINE "A" EXCEPT AS SHOWN.

T.B.M. #23 Cut in Center of 9' Conc. Hwl. on SE Cor
 5R 135 & Hickory Ln. @ Sta 41+04.41 R. "A"
 Elev = 762.72

T.B.M. #24 "x" Cut in N. Most Bonnet Bolt of F Hyd. on
 N.W. Cor. 5R 135 & Waterbury Rd. @ Sta 851+06.
 49 L. "A" Elev = 770.38

BALANCE No 11
 (See Preceding Sheet)

BALANCE No 12
 (See Following Sheet)

PRJ. NO.	LINE	SHEET	TOTAL SHEETS	FILE
MAM-B414(1)	A	19	70	

REV. NOTE ADDED FOR STAB59+85, 49+17 & 860+00, 49+17, 6-09-99 R.BRADY
 REVISED STATION PLUSES ON LEFT AT STA.856+25.27, 57.60', STA.856+25.43, 50', STA.859+25.08, 50' N.HARRIS 10-25-88
 REV. 5-5-88 CHANGED R/W PARCEL 10 K. JOHNSON
 REV. 6-21-88 CHANGED R/W PARCELS 84 TO K. JOHNSON

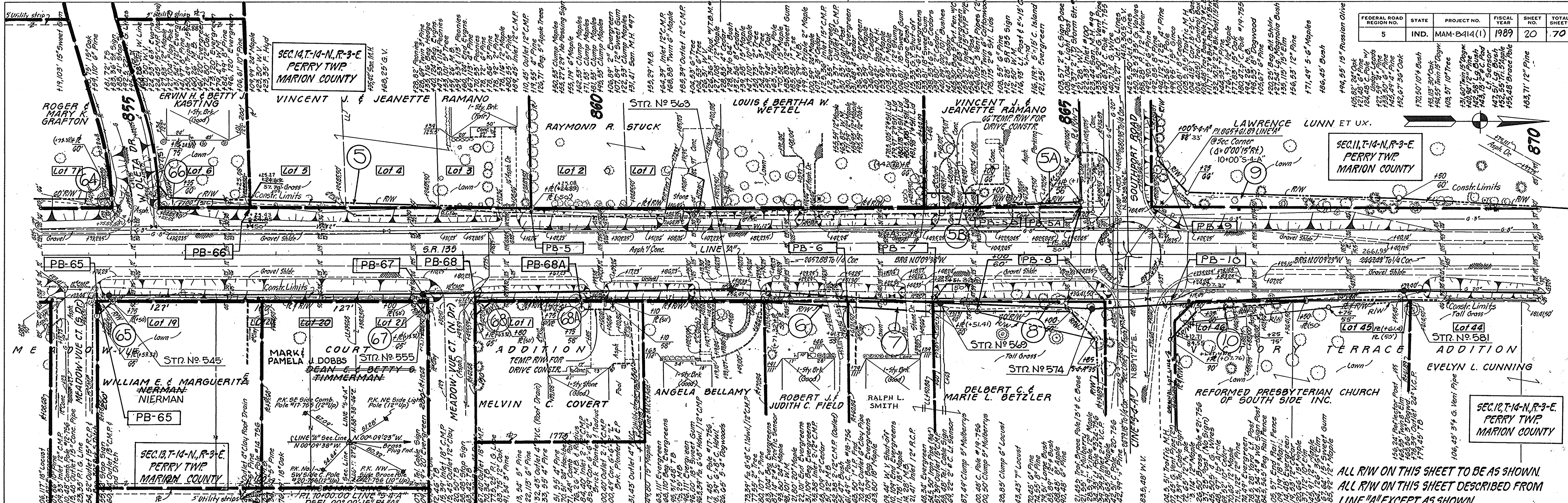
MERIDIAN MEADOWS ADDITION

FOR LOCATION OF STREETS & DRIVES
 SEE DETAIL SHEET NO. 41, 42 & 43

For Line "S-4-A" see Sht. No. 27451

CODE 2338

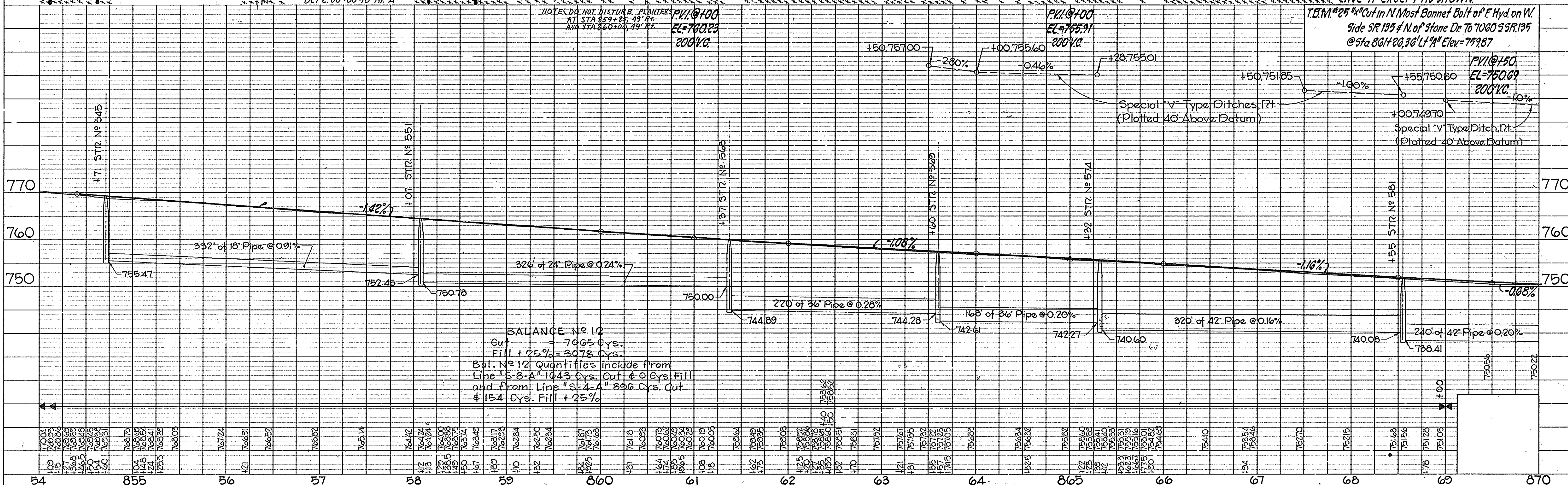
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-8414(1)	1989	20	70



ALL R/W ON THIS SHEET TO BE AS SHOWN
 ALL R/W ON THIS SHEET DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.

NOTES DO NOT DISTURB PLANTERS
 AT STA 859+33, 49+17
 AND STA 860+00, 49+17

ITEM #25 1/2" Cut in N. Most Bonnet Bolt of F Hyd on W Side S.R. 135 # N. of Stone Dr. To 7000 S.S.R. 135 @ Sta 861+00.36 L+1/4" Elev = 759.87



BALANCE NO. 12
 Cut = 7065 Cys.
 Fill + 25% = 3078 Cys.
 Bal. No. 12 Quantities include from Line "S-8-A" 1043 Cys. Cut & 0 Cys. Fill and from Line "S-4-A" 896 Cys. Cut & 154 Cys. Fill + 25%

PLAN
 SURVEYED BY M.P. NEUMARK, M.P. JARBOE
 PHOTOED BY M.P. NEUMARK, M.P. JARBOE
 NOTE BOOK, ALIGNMENT CHECKED BY M.P. NEUMARK, M.P. JARBOE
 NO. 1

PROFILE
 SURVEYED BY M.P. NEUMARK, M.P. JARBOE
 PHOTOED BY M.P. NEUMARK, M.P. JARBOE
 NOTE BOOK, GRADE CHECKED BY M.P. NEUMARK, M.P. JARBOE
 NO. 1

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
MAM-8414(1)	A	20	70	

REV. NAME CHANGE PARCEL 98 12-14-89 C.B. GLYNN
 REV. 5-26-89, ADDED WOOD FENCE FROM STA. 882+28
 TO STA. 883+65 RT.
 M.E. HALL

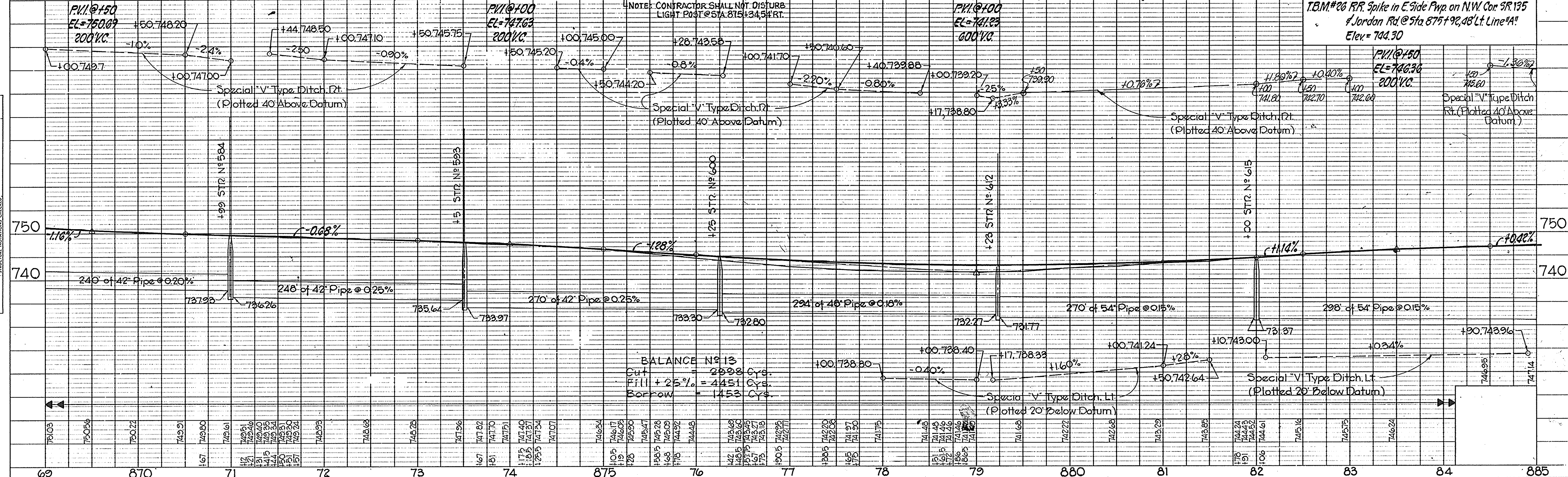
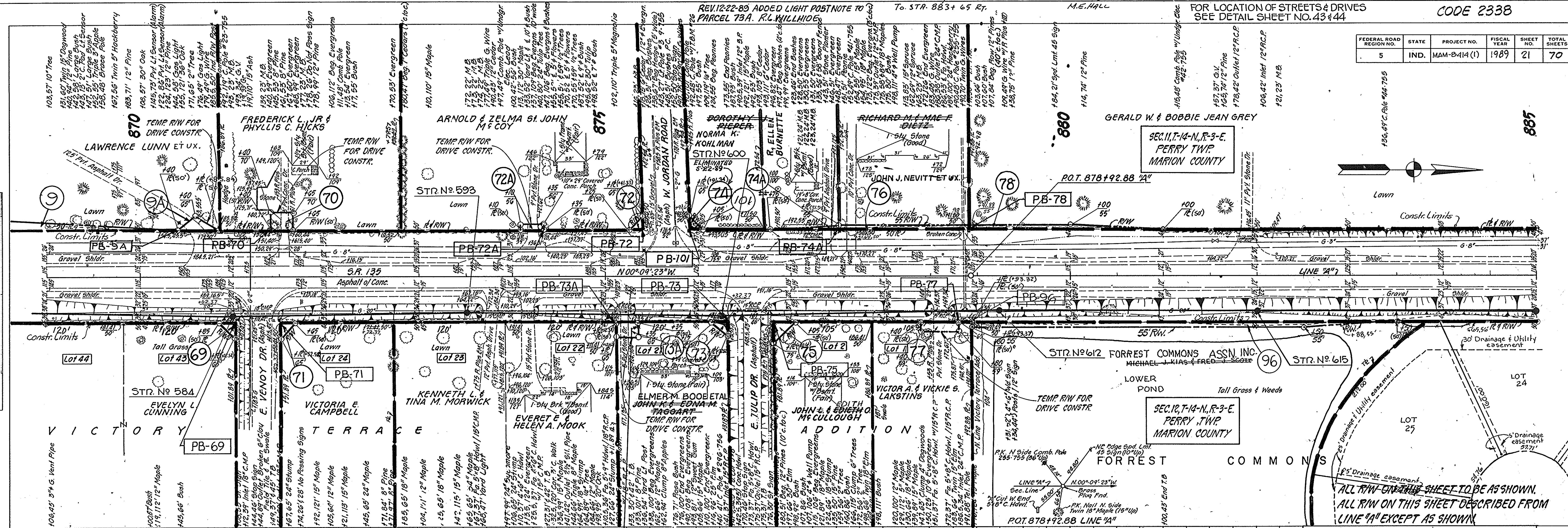
REV. PARCEL 74 ELIMINATED AND REPLACED WITH PARCEL 101, 6-01-89 R. BRADWAY
 REVISED STATION PLUS ON LEFT AT STA. 872+75.84, 50'; STA. 875+41.63, 50';
 STA. 875+91.64, 50'; STA. 877+51.64, 50'; STA. 878+91.98, 50'; INCLUDING RANGES. N. HARRIS 10-25-88
 REVISED STATION PLUS ON RIGHT AT STA. 875+12.37, 50'; STA. 876+32.37, 50';
 STA. 878+93.32, 50'; INCLUDING RANGES. N. HARRIS 10-25-88

FOR LOCATION OF STREETS & DRIVES
 SEE DETAIL SHEET NO. 43 & 44
 CODE 2338

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B-414 (1)	1989	21	70

PLAN
 SURVEYED BY M.E. NEUWIKER
 POINTS CHECKED BY F. J. JAROSZ
 NOTE BOOK NO. 1
 R. OF WAY CHECKED

PROFILE
 SURVEYED BY M.E. NEUWIKER
 POINTS CHECKED BY F. J. JAROSZ
 NOTE BOOK NO. 1
 STRUCTURE NOTATIONS CHECKED



TBM #26 RR Spike in E. Side Pwp on NW Cor 3R 135
 & Jordan Rd. @ Sta 875+92.48 Lt. Line 'A'
 Elev. = 704.30

BALANCE NO. 13
 Cut = 2098 cys.
 Fill + 25% = 4451 cys.
 Borrow = 1453 cys.

PVI @ 150
 EL = 750.09
 200' VC

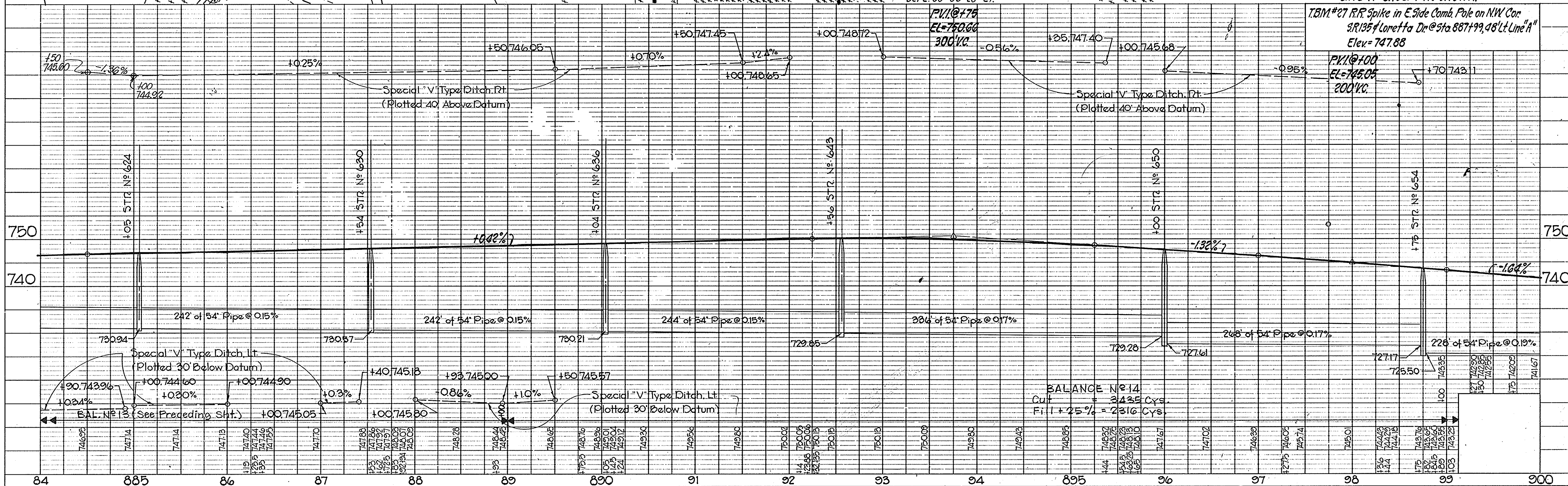
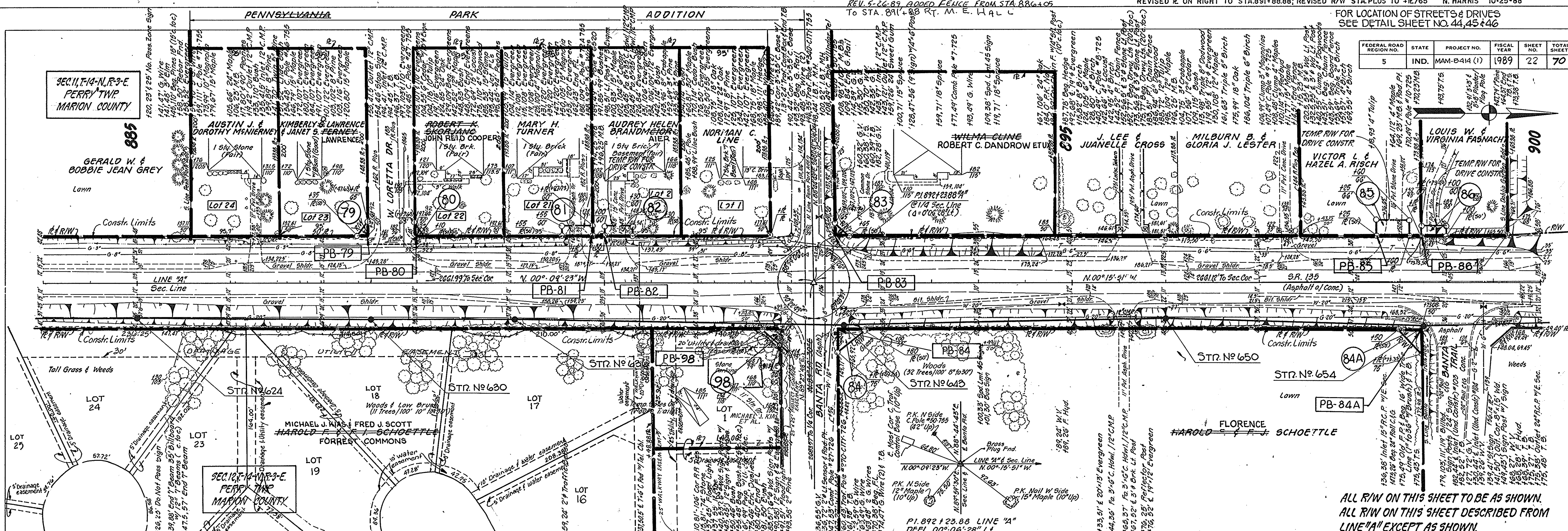
PVI @ 100
 EL = 747.63
 200' VC

PVI @ 100
 EL = 741.33
 600' VC

PVI @ 150
 EL = 746.36
 200' VC

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
MAM-B-414 (1)	41	21	70	

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B414 (1)	1989	22	70



ALL R/W ON THIS SHEET TO BE AS SHOWN.
ALL R/W ON THIS SHEET DESCRIBED FROM
LINE "A" EXCEPT AS SHOWN.

TBM #27 R/R Spike in E. Side Comb. Pole on NW Cor.
S.R. 135 & Loretta Dr. @ Sta. 887+99.48' Lt. Line "A"
Elev. = 747.88

PVI @ 175
EL = 748.60
300' VC

PVI @ 100
EL = 745.04
200' VC

BALANCE N° 14
CUT = 3435 CYS
FILL + 25% = 2316 CYS

PLAN
SURVEYED BY M.P. NEWKIRK
P.L. JARROLD
NOTED BOOK, ADJUDICATED CHECKED
NO. 1, STRUCTURE NOTATIONS CHECKED

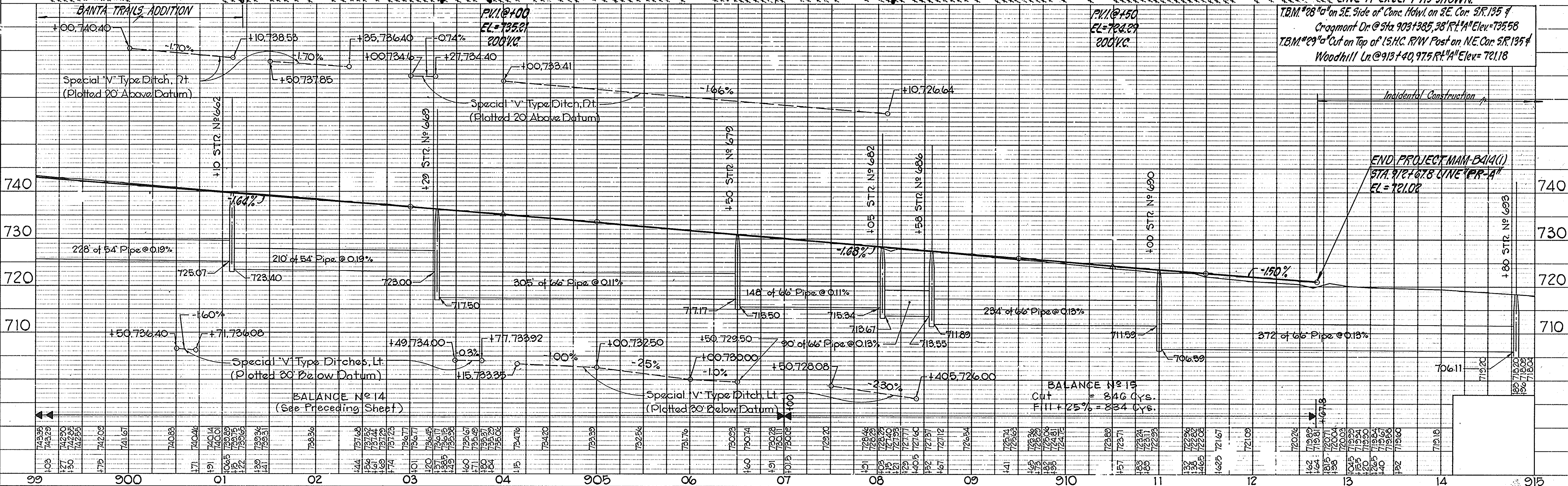
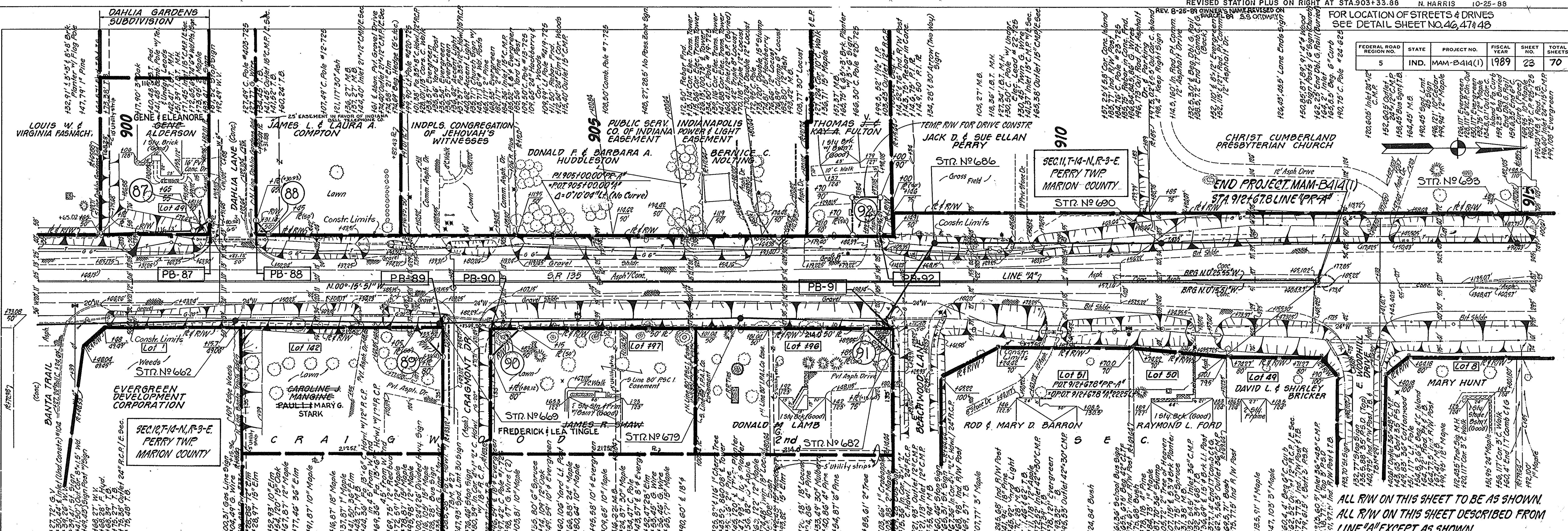
PROFILE
SURVEYED BY M.P. NEWKIRK
P.L. JARROLD
NOTED BOOK, ADJUDICATED CHECKED
NO. 1, STRUCTURE NOTATIONS CHECKED

FOR LOCATION OF STREETS & DRIVES
SEE DETAIL SHEET NO. 46, 47 & 48

FEDERAL ROAD DISTRICT	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B414(1)	1989	23	70

PLAN
BY M.P. NEWKIRK
F. J. JARRESE
NO. 1

PROFILE
BY M.P. NEWKIRK
F. J. JARRESE
NO. 1



ALL R/W ON THIS SHEET TO BE AS SHOWN
ALL R/W ON THIS SHEET DESCRIBED FROM
LINE "A" EXCEPT AS SHOWN.

TBM #88 on SE Side of Conc. Howl on SE Cor. SR. 135 & Craigmont Dr. @ Sta 903+385, 38' R.L. "A" Elev=735.58
TBM #29 on Cut on Top of 15" H.C. R/W Post on NE Cor. SR. 135 & Woodhill Ln. @ 913+40, 975' R.L. "A" Elev= 721.18

END PROJECT MAM-B414(1)
STA. 912+67.8 LINE "PR-A"
EL= 721.02

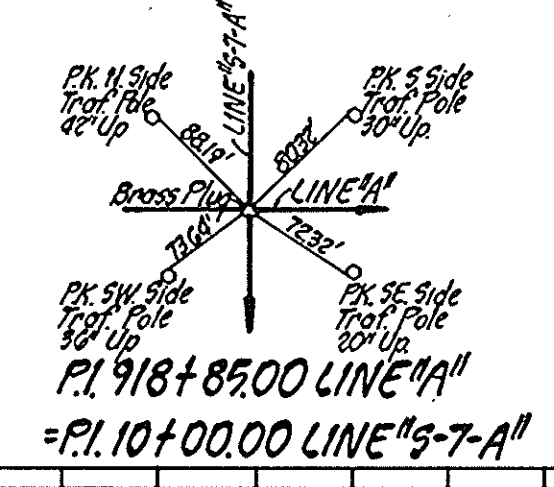
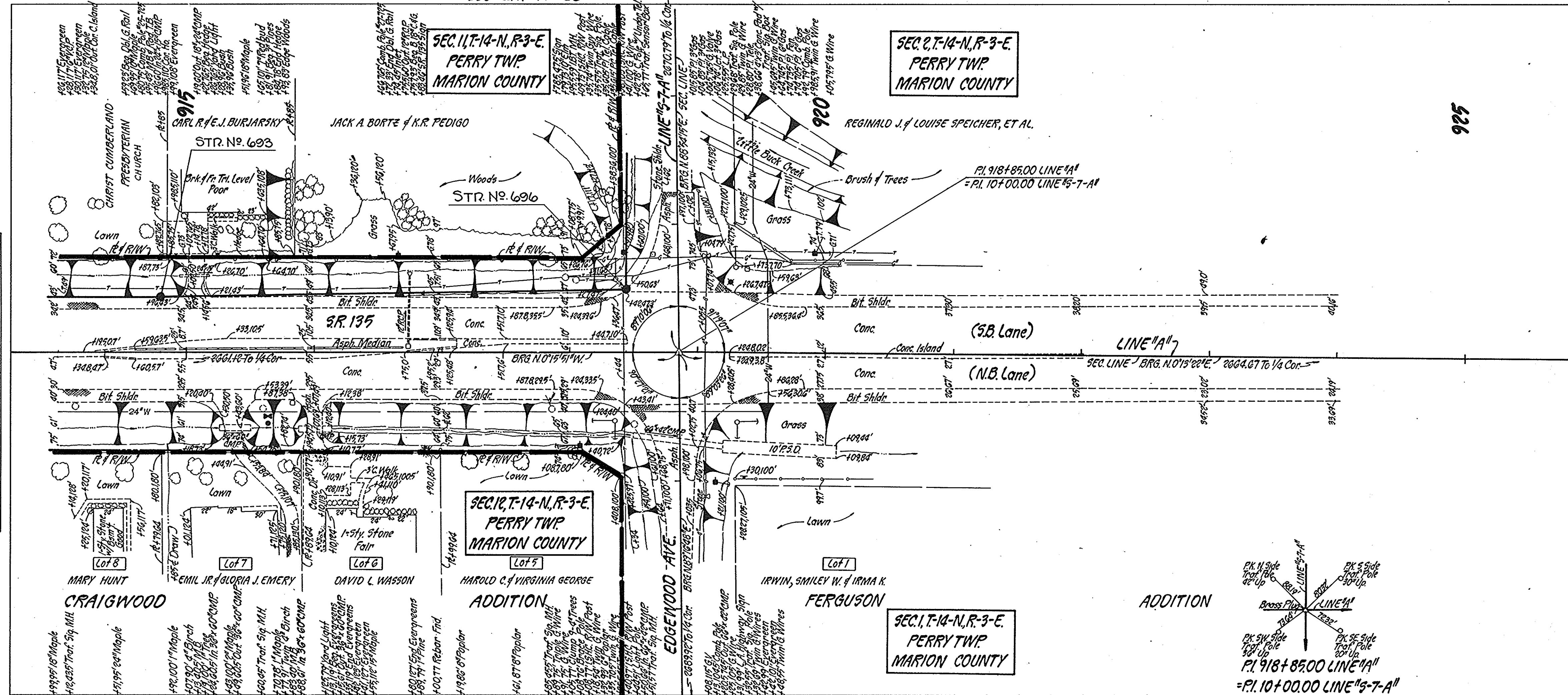
PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
MAM-B414(1)	"A"	23	70	

For Line "S-7-A"
see Sht. No 28

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B 414 (1)	1989	24	70



PLANNED BY
 M. F. NEWKIRK
 F. J. JACOB
 No. 1
 NOTE BOOK
 ALIGNMENT CHECKED
 ST. OF WAY CHECKED



ALL R/W ON THIS SHEET TO BE AS SHOWN.
ALL R/W ON THIS SHEET DESCRIBED FROM
LINE "A7" EXCEPT AS SHOWN.

T.B.M. # 30 1/2" Cut on SE Cor. of Conc. Base For Traff Control Ped.
on NW Cor. Edgewood Ave. & SR 135 @ Sta. 919+37.64 Lt
Line "A7" Elev. = 713.10
I.S.H.C. B.M. # MAR 6-204 Bronze Disc In S. End of S.W. Wing Wall
of SR 135 Bridge over Little Buck Cr. Elev. = 719.22

PROFILE
 M. F. NEWKIRK
 F. J. JACOB
 No. 1
 NOTE BOOK
 GRADE CHECKED
 S. M. A. NOTED
 STRUCTURE DIMENSIONS CHECKED

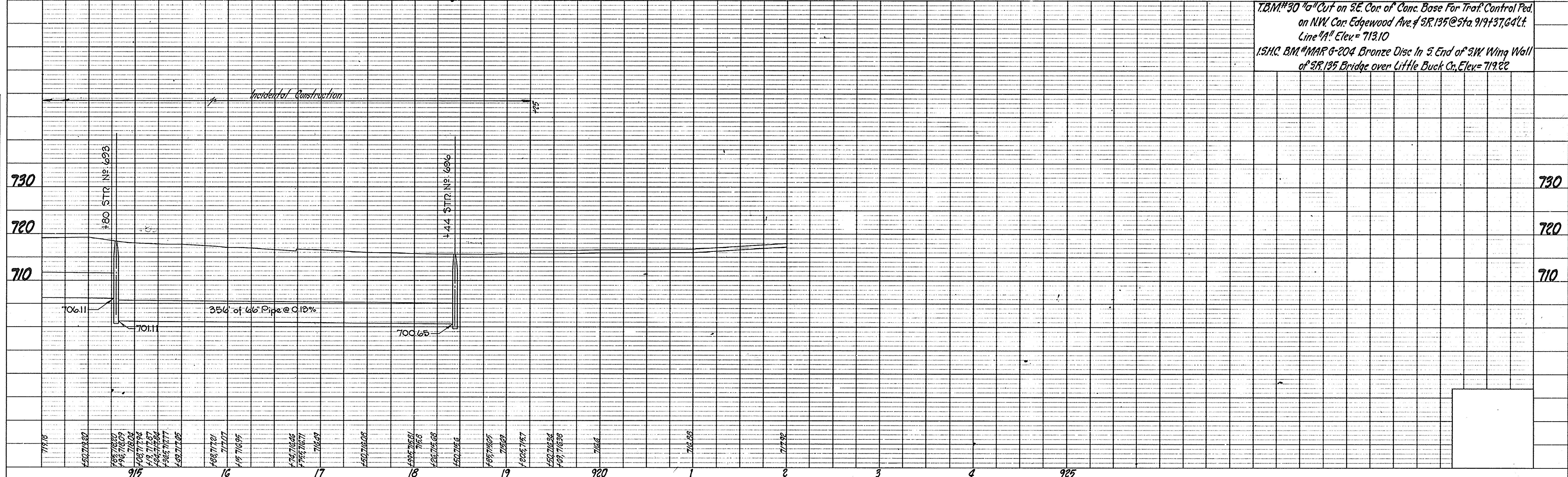


PLATE 1 - PLAN - PROFILE P. R. R. STANDARD
1975

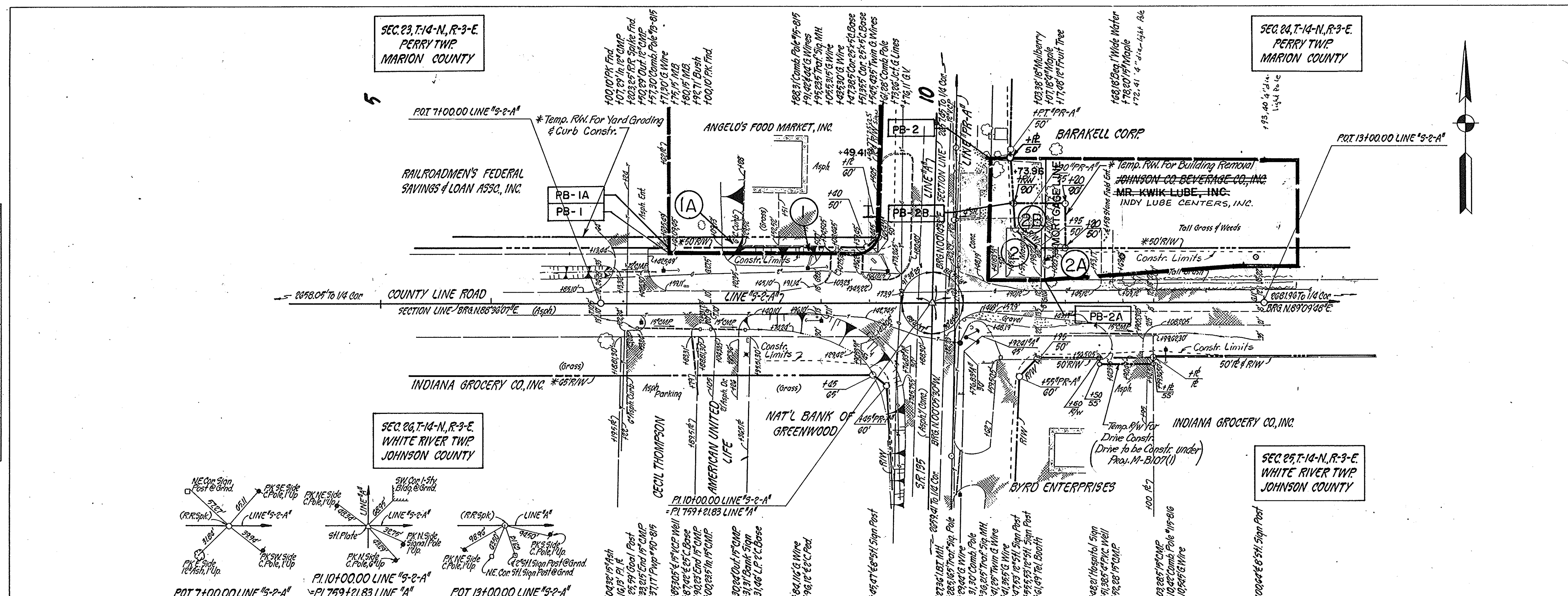
PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
MAM-B 414 (1)	"A7"	24	70	

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-8414(1)	1989	25	70

*PROJECT M-8107(1)

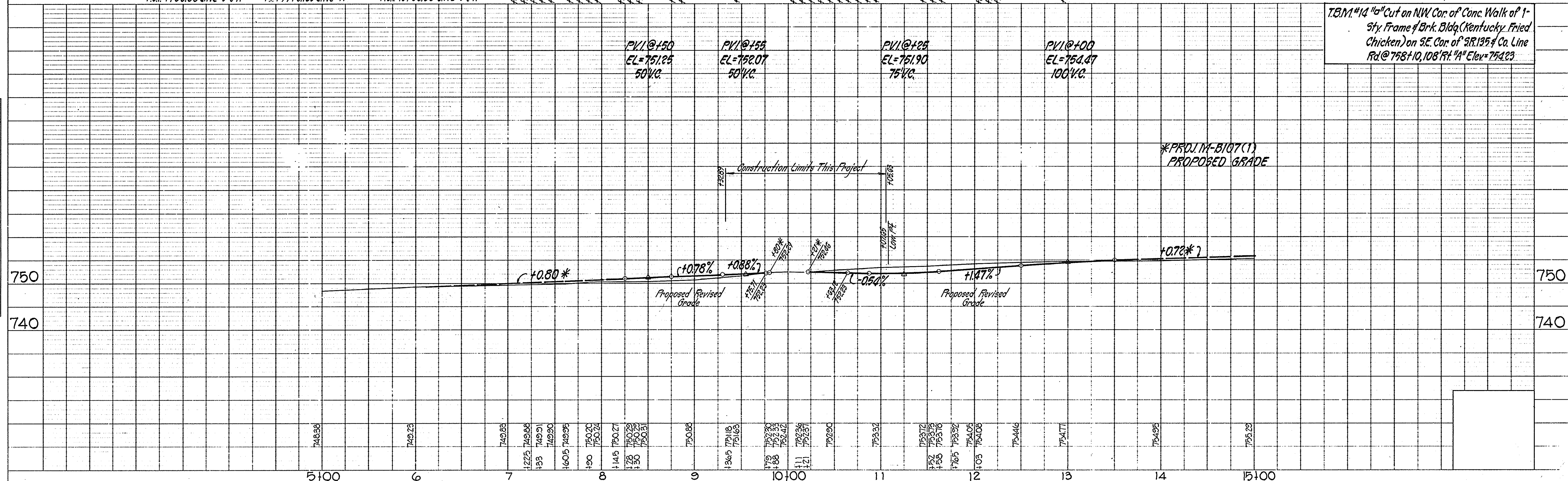
PLAN
 SURVEYED BY: M.P. NEUMAYER
 DATE: 9/25/88
 NOTE BOOK: MAM-8414(1)
 No. 1
 RE. OF WAY CHECKED:
 No. 1
 STRUCTURE NOTATIONS CHECKED:

PROFILE
 SURVEYED BY: M.P. NEUMAYER
 DATE: 9/25/88
 NOTE BOOK: MAM-8414(1)
 No. 1
 GRADE CHECKED:
 No. 1
 STRUCTURE NOTATIONS CHECKED:



ALL R/W ON THIS SHEET TO BE AS SHOWN.
 ALL R/W ON THIS SHEET DESCRIBED FROM
 LINE "S-2-A" EXCEPT AS SHOWN.

T.B.M. #14 "5" Cut on NW Cor. of Conc. Walk of 1-
 Sty. Frame & Brk. Bldg. (Kentucky Fried
 Chicken) on SE. Cor. of S.R. 135 & Co. Line
 Rd @ 758+10, 108' R/L "A" Elev. 754.23



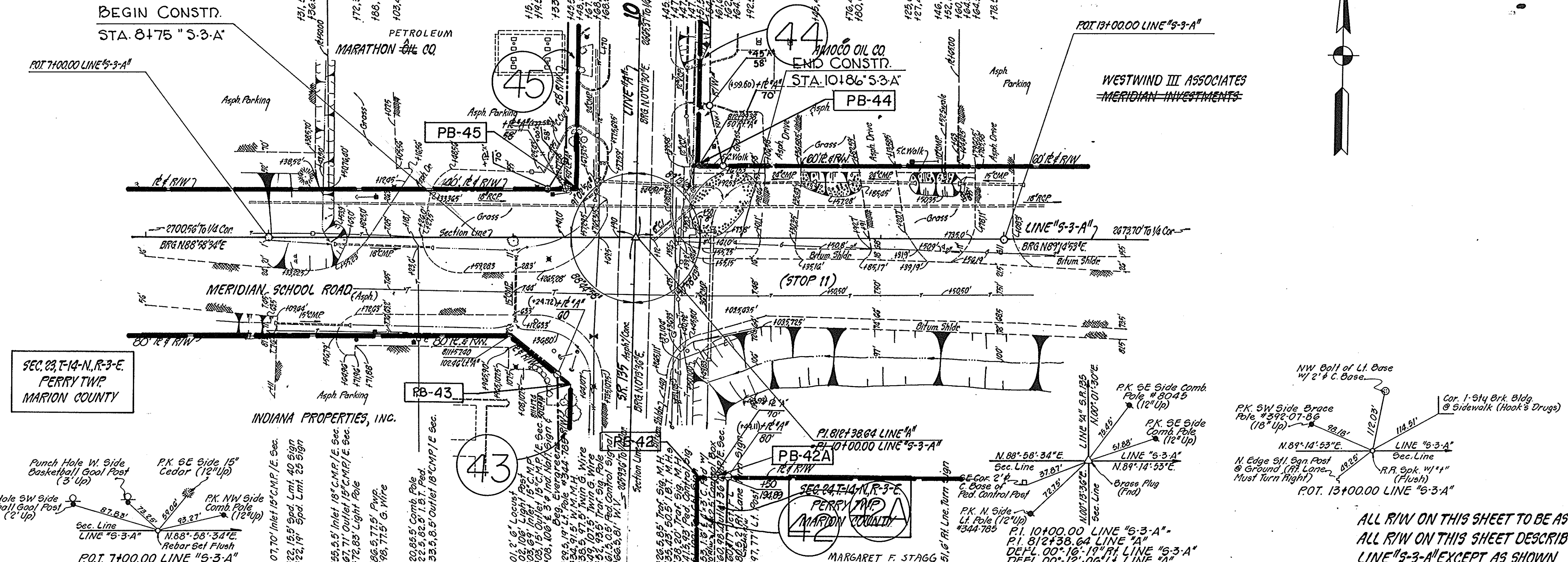
*PROJECT M-8107(1)
 PROPOSED GRADE

PROJECT NO.	LINE NO.	SHEET NO.	TOTAL SHEETS	FILE
MAM-8414(1)	S-2-A	25	70	COUNTY LINE ROAD

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B 414(1)	1989	26	70

SEC. 14, T-14-N, R-3-E
PERRY TWP
MARION COUNTY

SEC. 13, T-14-N, R-3-E
PERRY TWP
MARION COUNTY



SEC. 23, T-14-N, R-3-E
PERRY TWP
MARION COUNTY

PLAN
SURVEYED BY M.P. NEWKIRK
P.L. JAREBOE
NOTE BOOK, ALPHABETICALLY CHECKED
No. 1

PROFILE
SURVEYED BY M.P. NEWKIRK
P.L. JAREBOE
NOTE BOOK, ALPHABETICALLY CHECKED
No. 1

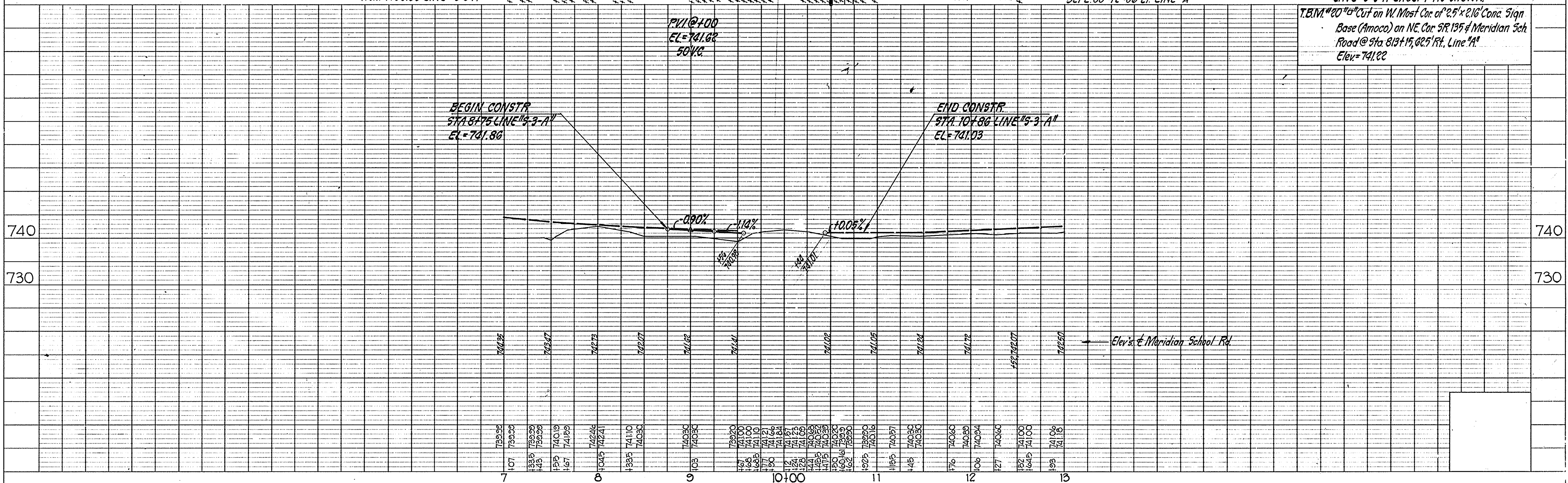


PLATE 1 - PLAN - PROFILE B. R. STANDARD
1975

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
MAM-B 414(1)	5-3-A	26	70	

MERIDIAN SCHOOL ROAD

FOR LOCATION OF STREETS & DRIVES
SEE DETAIL SHEET NO.42

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B-414 (1)	1989	27	70

SEC. 11, T-14-N, R-3-E
PERRY TWP
MARION COUNTY

SEC. 12, T-14-N, R-3-E
PERRY TWP
MARION COUNTY

BEGIN CONSTR
STA. 8+40 "S-4-A"

END CONSTR.
STA. 13+00 "S-4-A"

PLAN

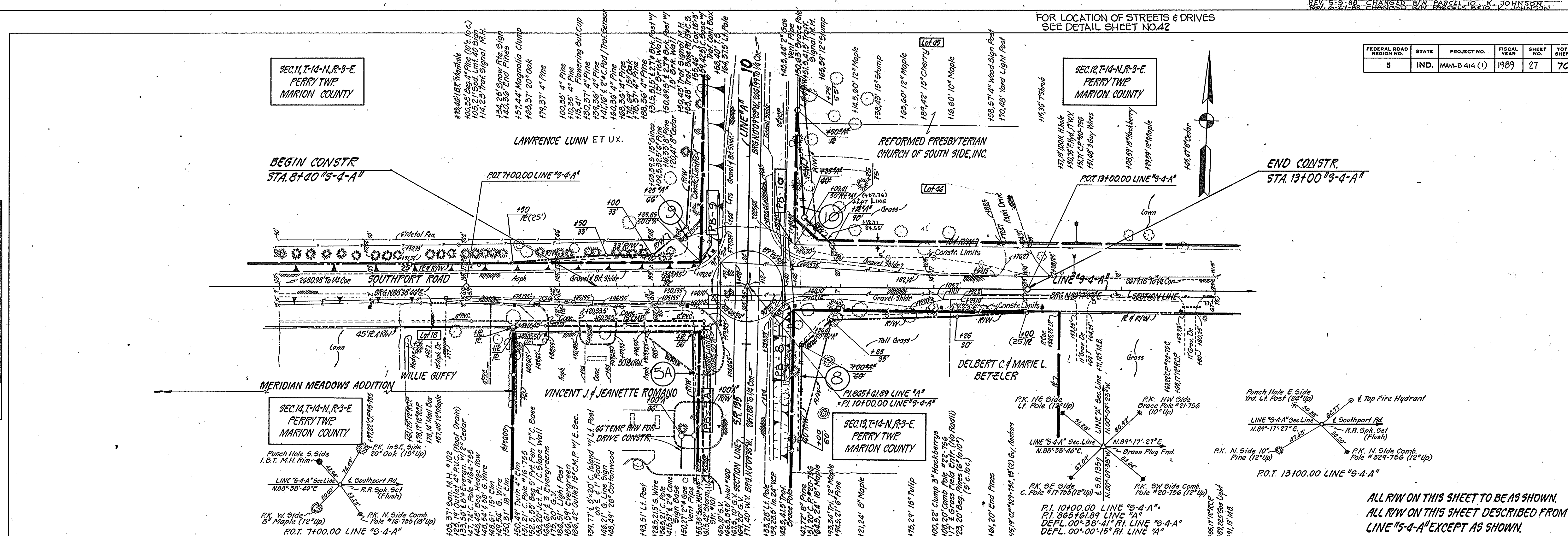
DESIGNED BY	M.F. NEWMARK
CHECKED BY	L. JARBOE
DATE	10/25
NO.	1

NOTE: ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.

PROFILE

DESIGNED BY	M.F. NEWMARK
CHECKED BY	L. JARBOE
DATE	10/25
NO.	1

NOTE: ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.



ALL R/W ON THIS SHEET TO BE AS SHOWN.
ALL R/W ON THIS SHEET DESCRIBED FROM
LINE "S-4-A" EXCEPT AS SHOWN.

TE.M.#25 "x" Cut in N. Mast Bonnet Bolt of F Hyd on
W. Side SR 135 & N. of Stone Dr. To 7060'S.
SR 135 @ Sta. 861+28.86' Lt. 7' El. = 759.87

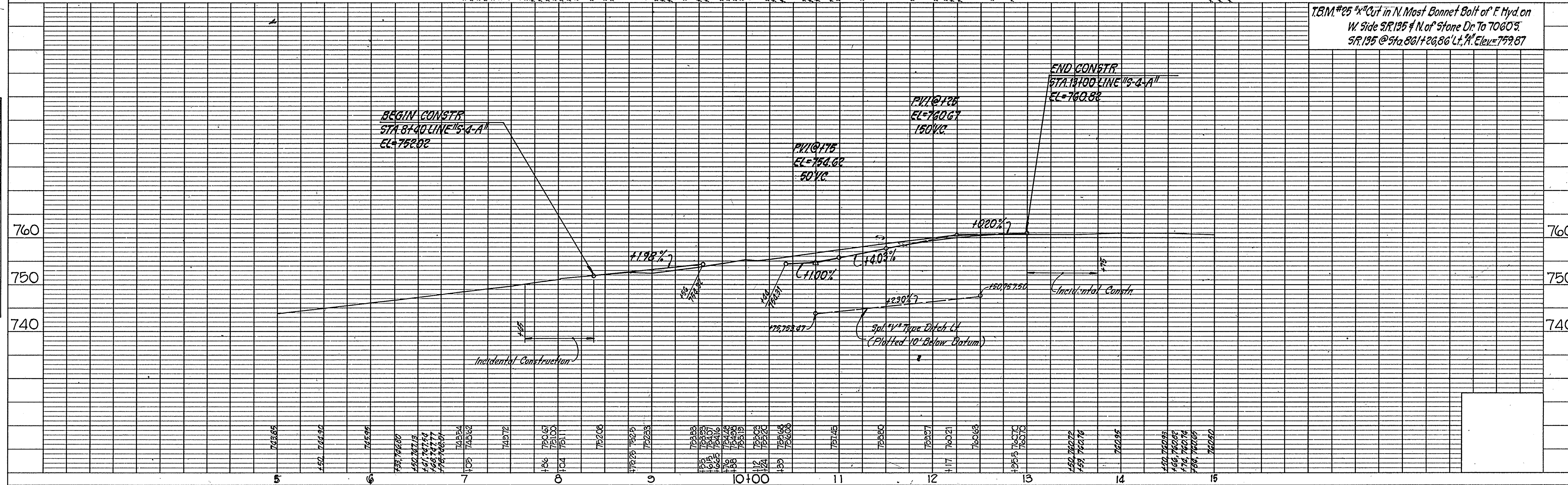
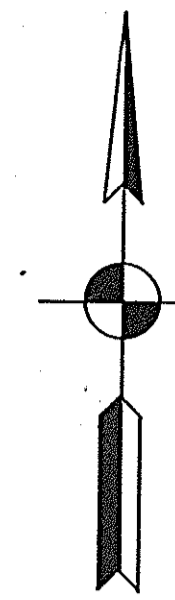


PLATE 1 - PLAN - PROFILE B. R. STANGARD
1975

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
MAM-B-414(1)	S-4-A	27	70	

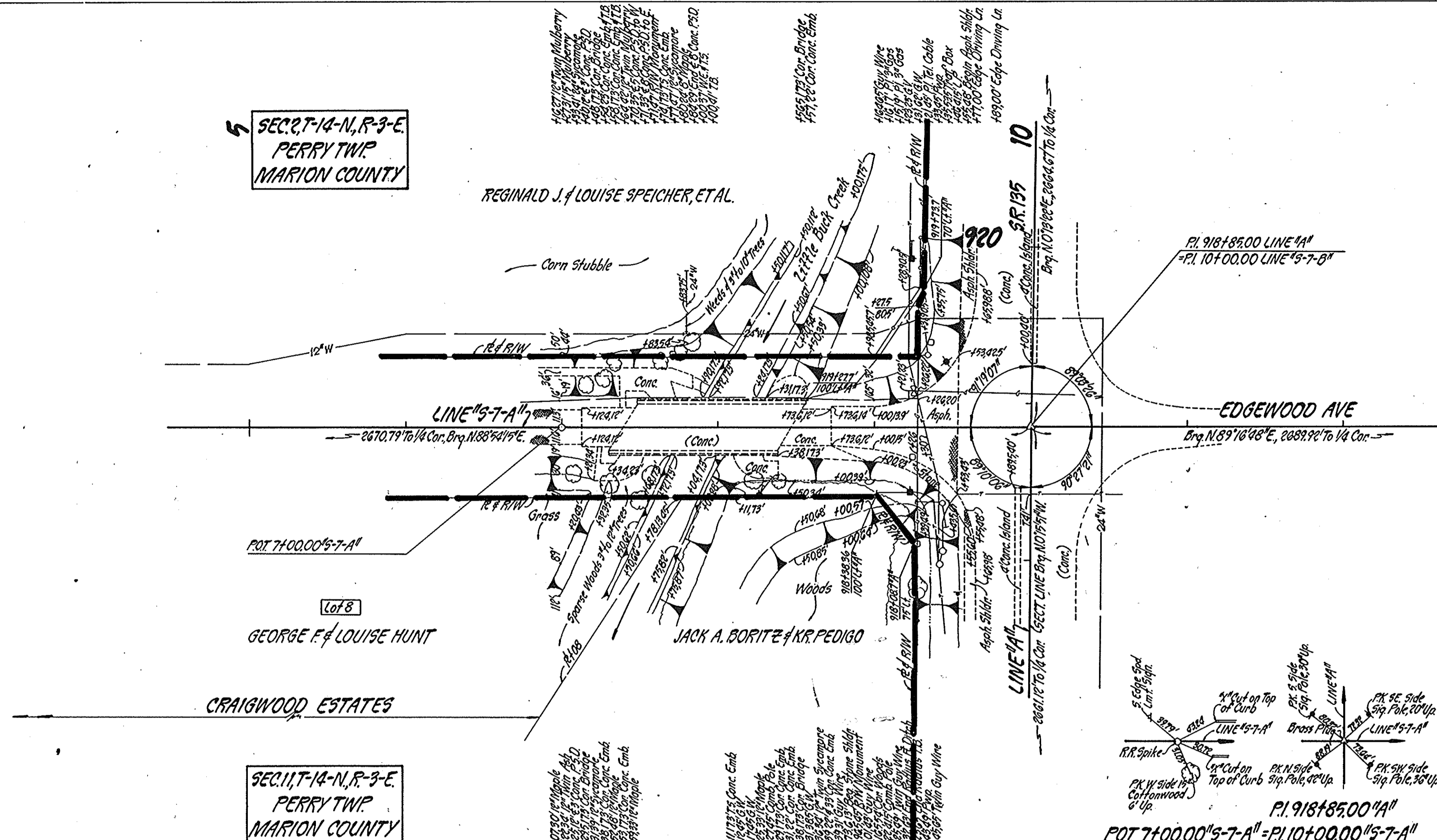
SOUTHPORT ROAD

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B-414 (1)	1989	28	70



PLAN
 SURVEYED BY M.P. NEWKIRK & F. JARBOE
 NOTE BOOK NO. 1
 ALL STRUCTURE NOTATIONS CHECKED

PROFILE
 SURVEYED BY M.P. NEWKIRK & F. JARBOE
 NOTE BOOK NO. 1
 ALL STRUCTURE NOTATIONS CHECKED



SEC. 1, T-14-N, R-3-E
 PERRY TWP.
 MARION COUNTY

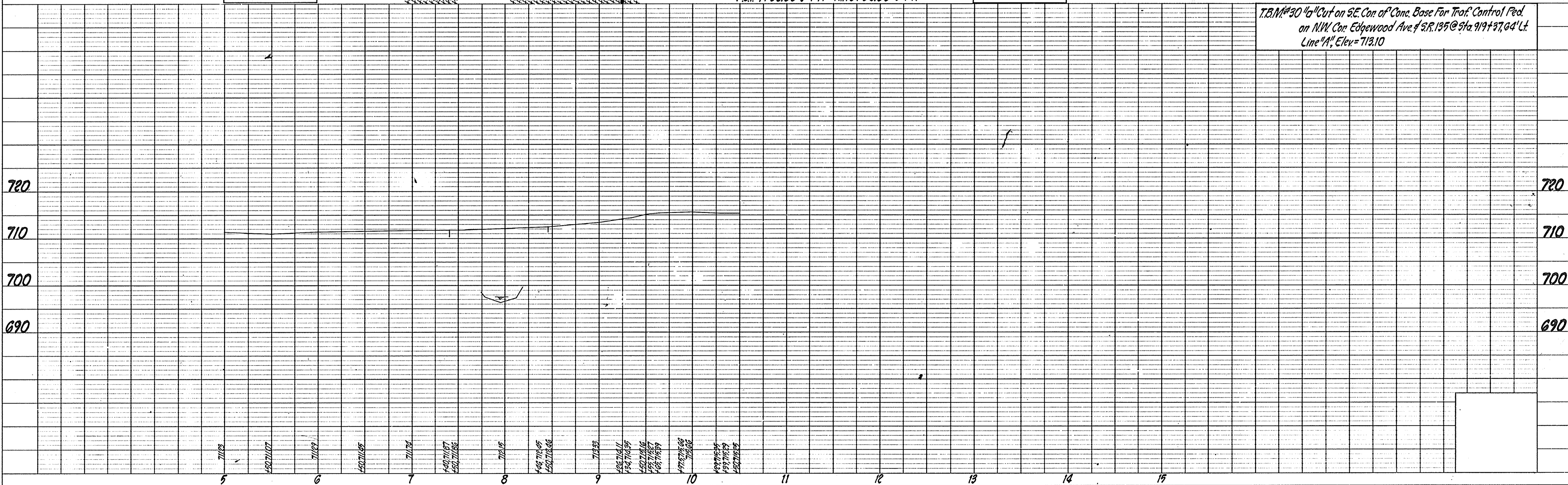
SEC. 2, T-14-N, R-3-E
 PERRY TWP.
 MARION COUNTY

SEC. 1, T-14-N, R-3-E
 PERRY TWP.
 MARION COUNTY

SEC. 1, T-14-N, R-3-E
 PERRY TWP.
 MARION COUNTY

ALL R/W ON THIS SHEET TO BE AS SHOWN.
 ALL R/W ON THIS SHEET DESCRIBED FROM
 LINE "5-7-A" EXCEPT AS SHOWN.

T.B.M. #30 1/2" Cut on SE Con of Chns. Base For Trot. Control Ped.
 on NW Con Edgewood Ave. # SR. 135 @ Sta. 919+37.04' Lt.
 Line "A", Elev. = 713.10



PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
MAM-B-414(1)	5-7-A	28	70	

FOR LOCATION OF STREET & DRIVES
SEC DETAIL SHEET NO. 52

ADDED 25-FOOT RADIUS ON LEFT AND RIGHT BETWEEN STA.10+50 AND STA.10+75 N.HARRIS 10-25-88

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B 414(1)	1989	29	70

DATE: 6-18-88
BY: D. Morrison
CHECKED: P.W. Jarboe
NO. 1

PLAN

SURVEYED BY: D. Morrison
NOTE BOOK: P.W. Jarboe
NO. 1

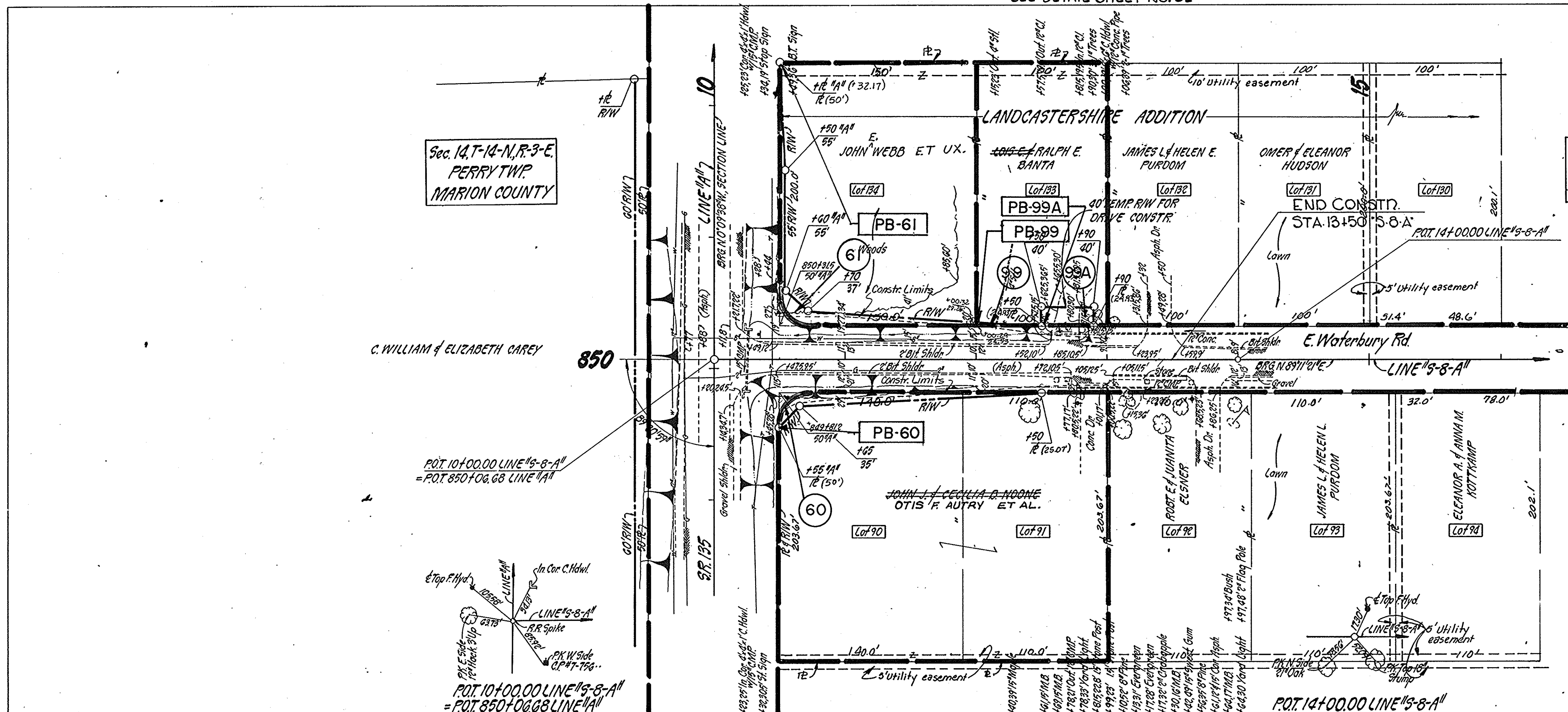
ADJUSTMENT CHECKED BY: P.W. Jarboe
ST. OF WAY CHECKED BY: P.W. Jarboe

DATE: 6-18-88
BY: D. Morrison
CHECKED: P.W. Jarboe
NO. 1

PROFILE

SURVEYED BY: D. Morrison
NOTE BOOK: P.W. Jarboe
NO. 1

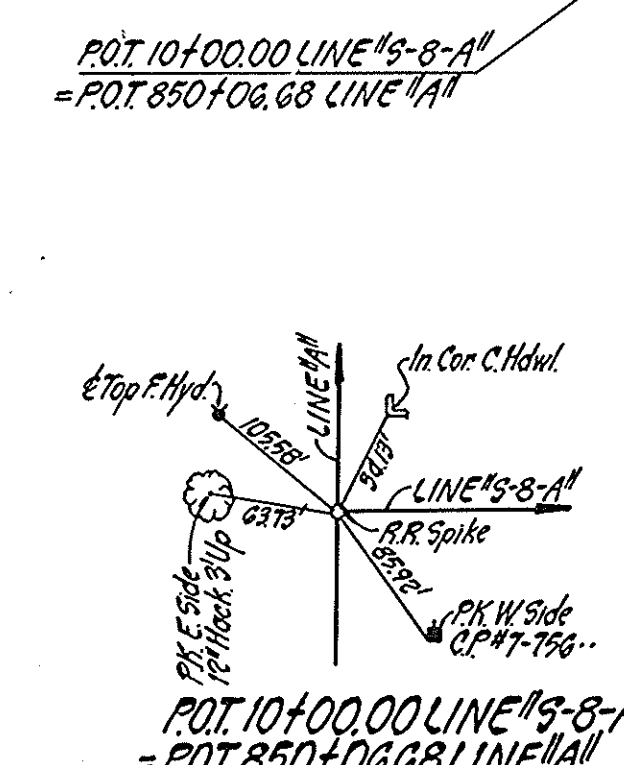
GRADE CHECKED BY: P.W. Jarboe
STRUCTURE NOTATIONS CHECKED BY: P.W. Jarboe



Sec. 13, T-14-N, R-3-E,
PERRY TWP,
MARION COUNTY

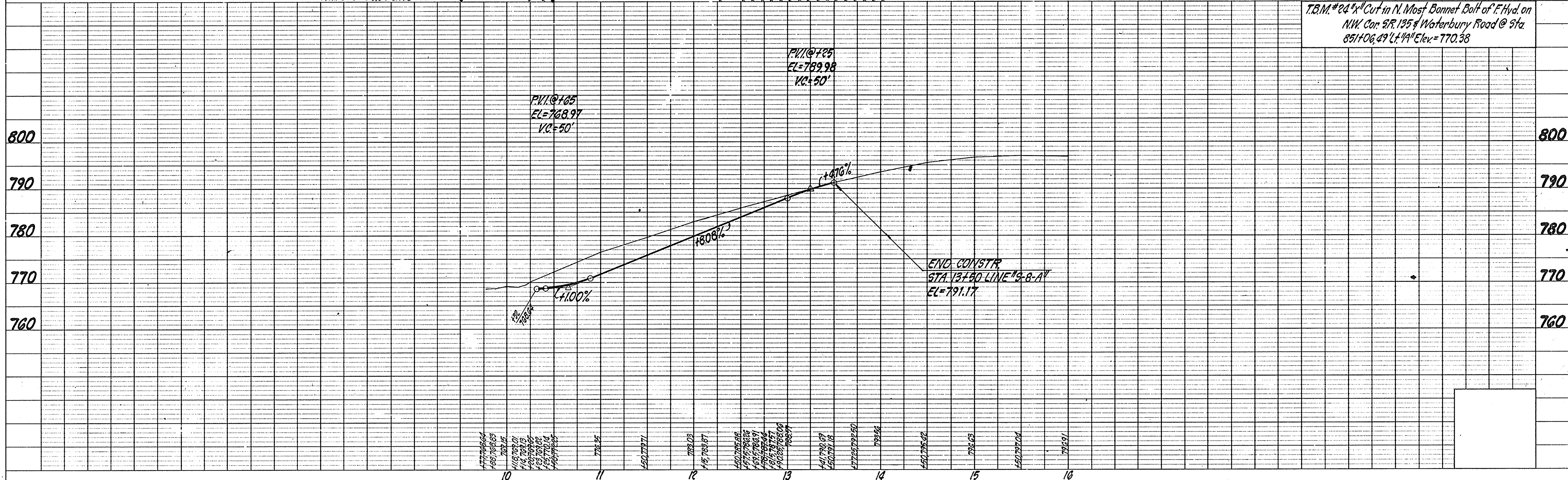
Sec. 14, T-14-N, R-3-E,
PERRY TWP,
MARION COUNTY

C. WILLIAM & ELIZABETH CAREY



ALL R/W ON THIS SHEET TO BE AS SHOWN.
ALL R/W ON THIS SHEET DESCRIBED FROM
LINE 'S-8-A' EXCEPT AS SHOWN.

T.B.M. #24 1/2" Cut in N. Most Bonnet Bolt of F. Hyd. on
N.W. Cor. SR 135 & Waterbury Road @ Sta.
851+06.49 L. 1/4" Elev. = 770.38



FOR "S-2-A"
SEE SHT. N° 25 & 49

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B44(1)	1989	30	70

752

753

754

755

756

757

758

759

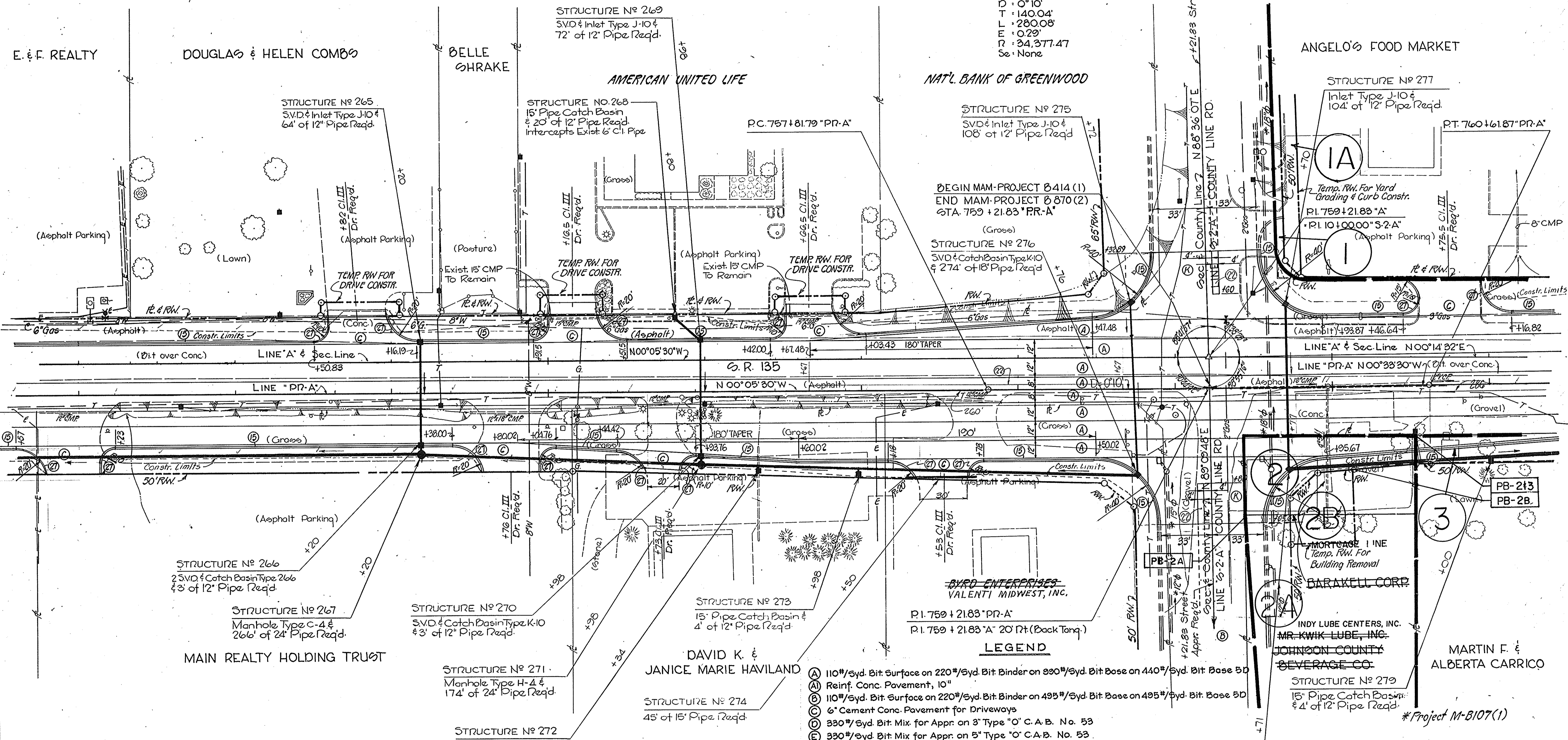
760

761



CURVE DATA

Δ : 1°23'04" RT.
 D : 0°10'
 T : 140.04'
 L : 280.08'
 E : 0.29'
 P : 24,377.47'
 Se : None



- LEGEND**
- (A) 110#/syd. Bit. Surface on 220#/syd. Bit. Binder on 990#/syd. Bit. Base on 440#/syd. Bit. Base 5D
 - (A) Reinf. Conc. Pavement, 10"
 - (B) 110#/syd. Bit. Surface on 220#/syd. Bit. Binder on 495#/syd. Bit. Base on 495#/syd. Bit. Base 5D
 - (C) 6" Cement Conc. Pavement for Driveways
 - (D) 330#/syd. Bit. Mix for Appr. on 3" Type "O" C.A.B. No. 53
 - (E) 330#/syd. Bit. Mix for Appr. on 5" Type "O" C.A.B. No. 53
 - (F) 6" Comp. Aggr. for Surface, Type "O", Size No. 73
 - (G) 1320#/syd. Bit. Mix for Appr.
 - (H) 110#/syd. Bit. Mix for Appr.
 - (I) Sodding
 - (J) Conc. Curb
 - (K) Integral Conc. Curb
 - (L) Comb. Conc. Curb & Gutter
 - (M) Monolithic Curb
 - (N) Conc. Center Curb Type "C"

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

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	M-B414(1)	1989	31	70

761

762

763

764

765

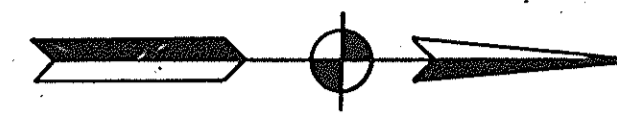
766

767

768

769

770



ANGELO'S FOOD MARKET

LA GROTTA FOODS, INC.

ORLIN L. FISHER

STRUCTURE No 300

STRUCTURE No 291
Manhole In Place -
Adjust Casting To Grade

STRUCTURE No 293
Inlet Type J-10 &
48' of 12" Pipe Req'd.

STRUCTURE No 285
S.V.D. & Inlet Type J-10 &
64' of 12" Pipe Req'd.

STRUCTURE No 295
Catch Basin Type K-10
& 5' of 12" Pipe Req'd.

STRUCTURE No 294
S.V.D. & Inlet Type J-10 &
70' of 12" Pipe Req'd.

STRUCTURE No 280*
S.V.D. & Inlet Type J-10 &
68' of 12" Pipe Req'd.

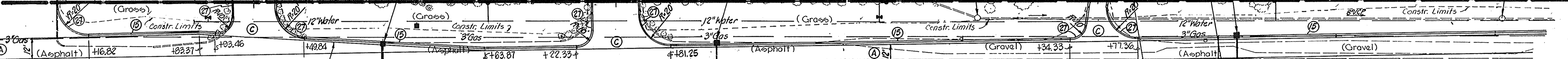
Manhole In Place -
Adjust Casting To Grade

(Asphalt Parking)

(Asphalt Parking)

(Grass)

(Grass)



MARTIN F. & ALBERTA CARRICO

ROBERT & SARAH MEUGHEL

ROBERT & LUCILLE SMITHEY

ROLLIE & JANE TILLERY

JAMES A. BANDY ET AL.

GEORGE R. & AUDREY K. COX
CARPENTER CO. INC.

**SOUTHERN
LEGEND**

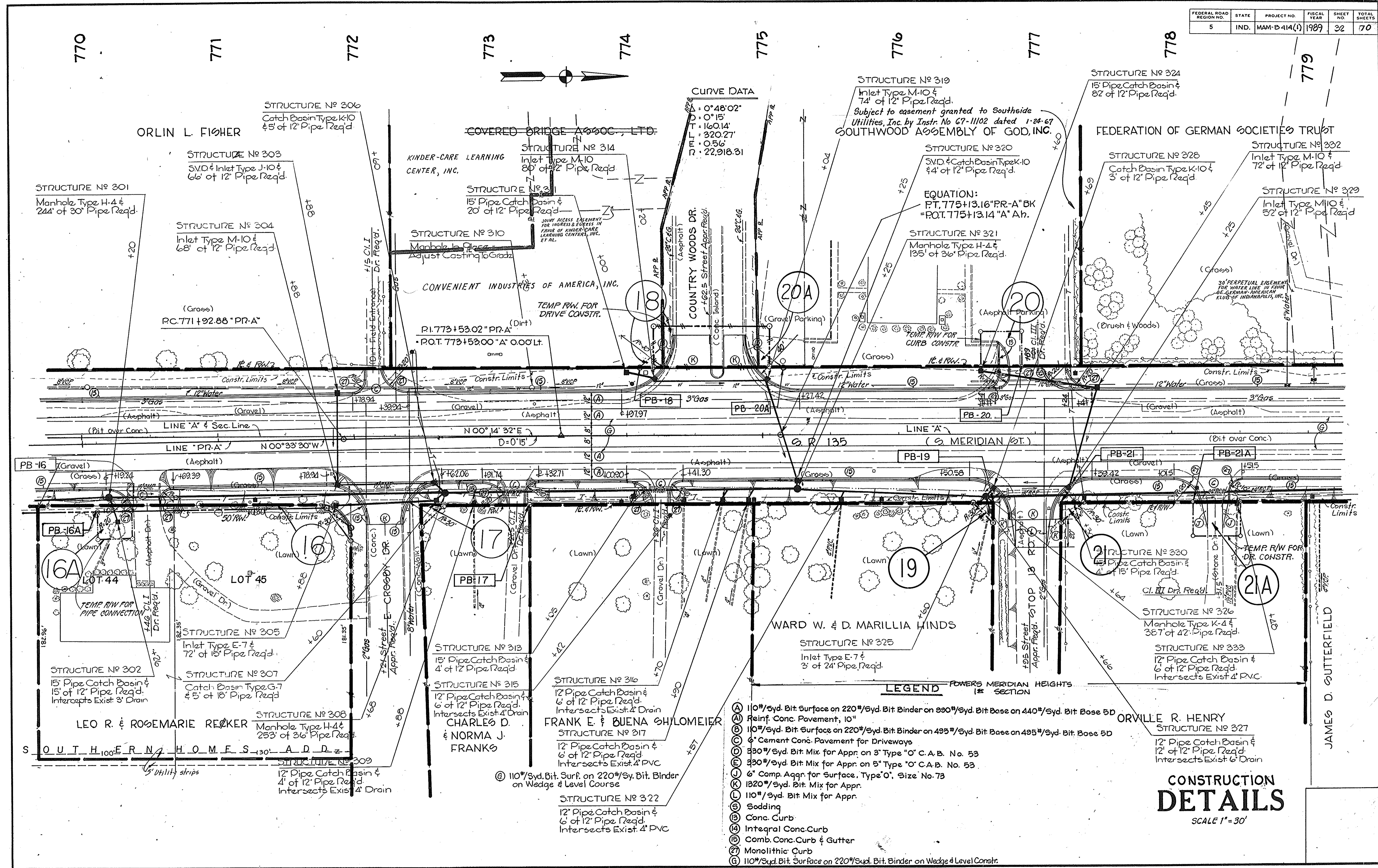
- (A) 110#/syd. Bit Surface on 220#/syd. Bit Binder on 390#/syd. Bit Base on 440#/syd. Bit Base 5D
- (AA) Reinf. Conc. Pavement, 10"
- (B) 110#/syd. Bit Surface on 220#/syd. Bit Binder on 495#/syd. Bit Base on 495#/syd. Bit Base 5D
- (C) 6" Cement Conc. Pavement for Driveways
- (D) 330#/syd. Bit Mix for Appr on 3" Type "O" C.A.B. No. 53
- (E) 330#/syd. Bit Mix for Appr on 3" Type "O" C.A.B. No. 53
- (J) 6" Comp. Aggr. for Surface, Type "O", Size No. 73
- (K) 1320#/syd. Bit. Mix for Appr.
- (L) 110#/syd. Bit Mix for Appr.
- (M) Sodding
- (N) Conc. Curb
- (O) Integral Conc. Curb
- (P) Comb. Conc. Curb & Gutter
- (Q) Monolithic Curb
- (R) 110#/syd. Bit. Surface on 220#/syd. Bit. Binder on Wedge & Level Constr.

**CONSTRUCTION
DETAILS**

SCALE 1" = 30'

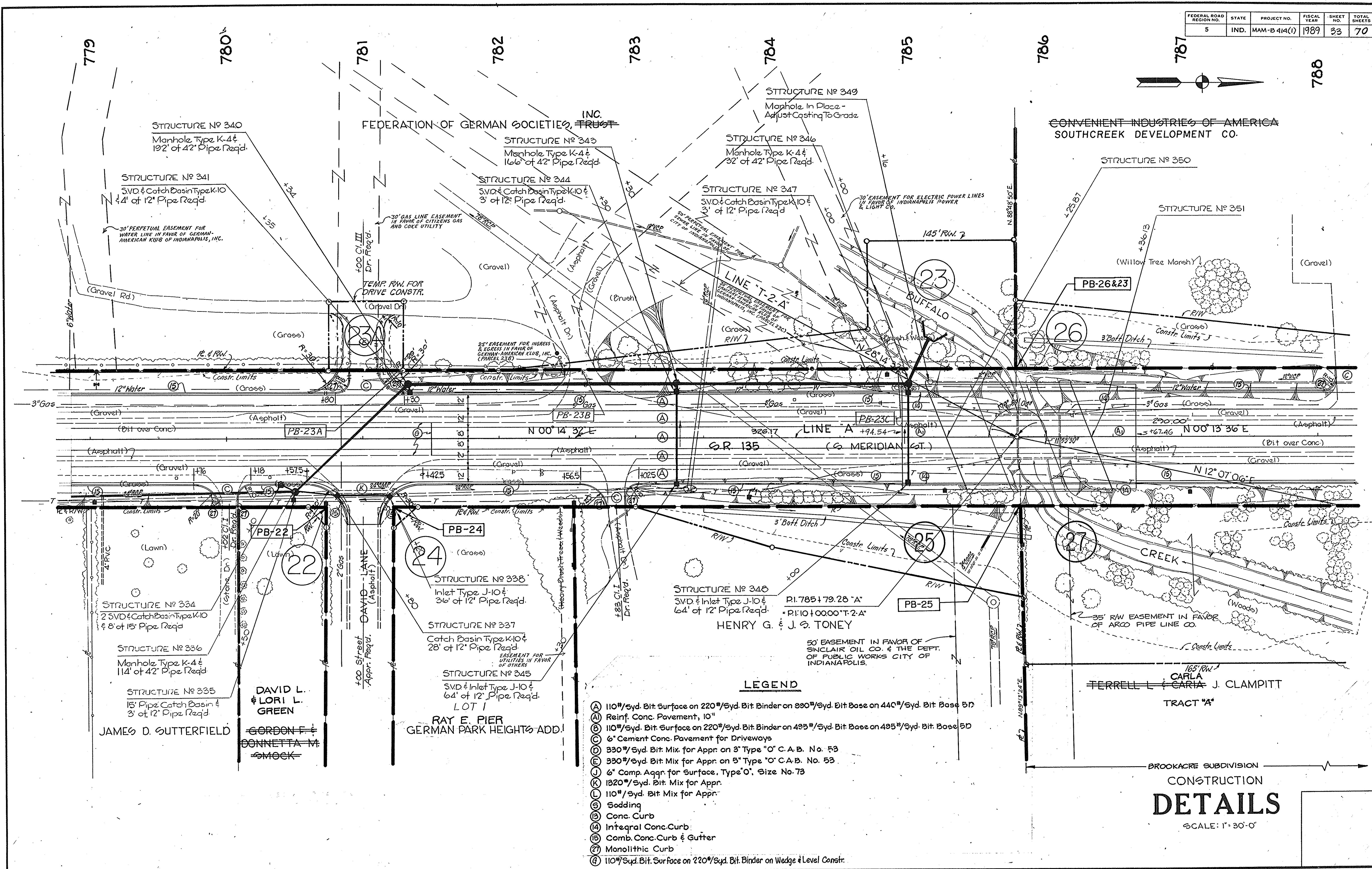
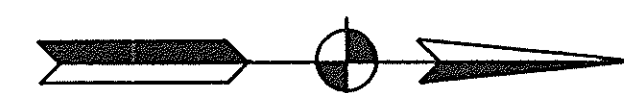
* PROJ. No BOND-B870()

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-D-414(1)	1989	32	70



CONSTRUCTION DETAILS
 SCALE 1" = 30'

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B 414(1)	1989	33	70

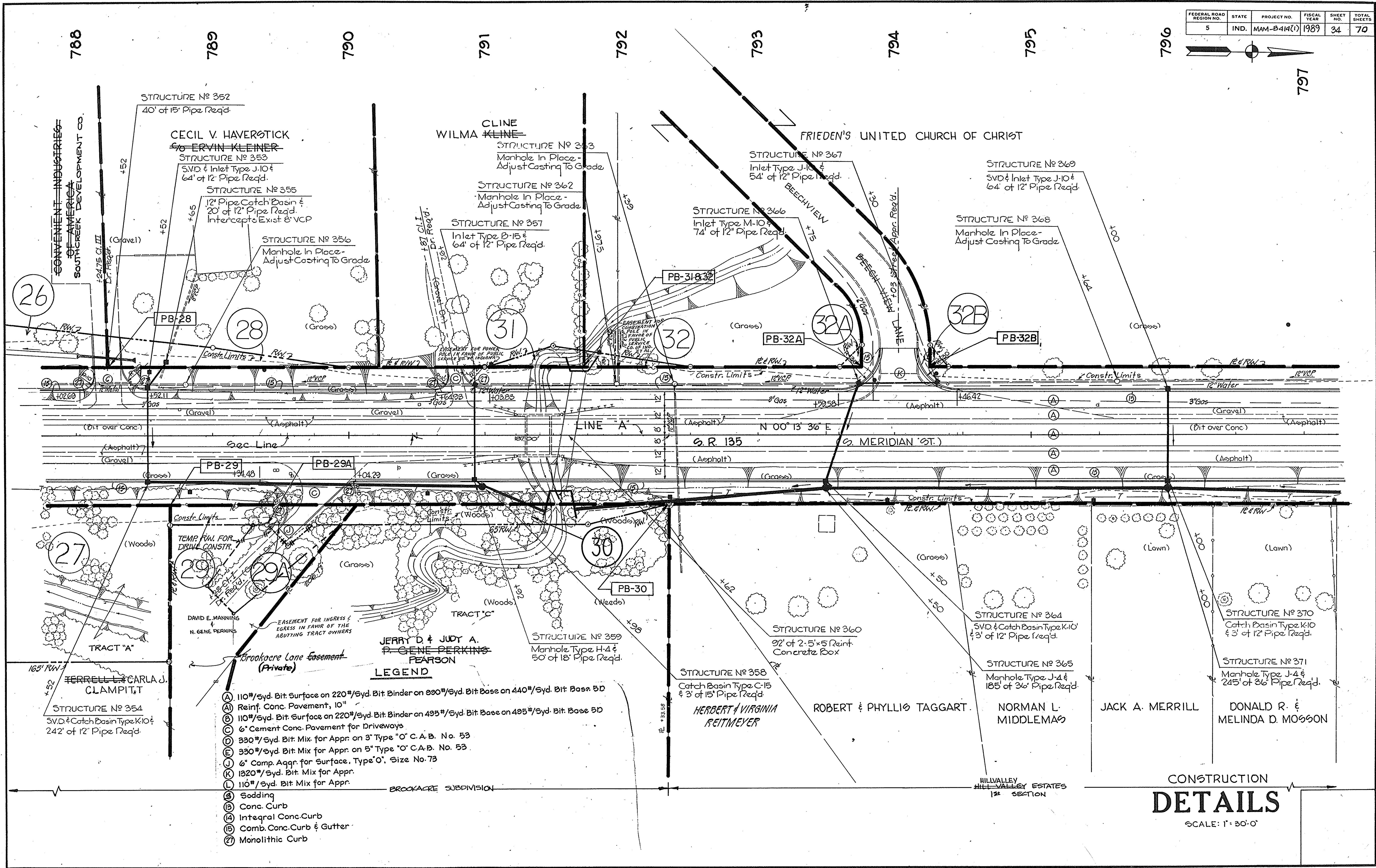


- LEGEND**
- (A) 110#/syd. Bit. Surface on 220#/syd. Bit. Binder on 890#/syd. Bit. Base on 440#/syd. Bit. Base 5D
 - (B) Reinf. Conc. Pavement, 10"
 - (C) 110#/syd. Bit. Surface on 220#/syd. Bit. Binder on 495#/syd. Bit. Base on 495#/syd. Bit. Base 5D
 - (D) 6" Cement Conc. Pavement for Driveways
 - (E) 330#/syd. Bit. Mix. for Appr. on 3" Type "O" C.A.B. No. 53
 - (F) 330#/syd. Bit. Mix for Appr. on 3" Type "O" C.A.B. No. 53
 - (G) 6" Comp. Aggr. for Surface, Type "O", Size No. 73
 - (H) 1320#/syd. Bit. Mix for Appr.
 - (I) 110#/syd. Bit. Mix for Appr.
 - (J) Sodding
 - (K) Conc. Curb
 - (L) Integral Conc. Curb
 - (M) Comb. Conc. Curb & Gutter
 - (N) Monolithic Curb
 - (O) 110#/syd. Bit. Surface on 220#/syd. Bit. Binder on Wedge & Level Constr.

CONSTRUCTION DETAILS

SCALE: 1" = 30'-0"

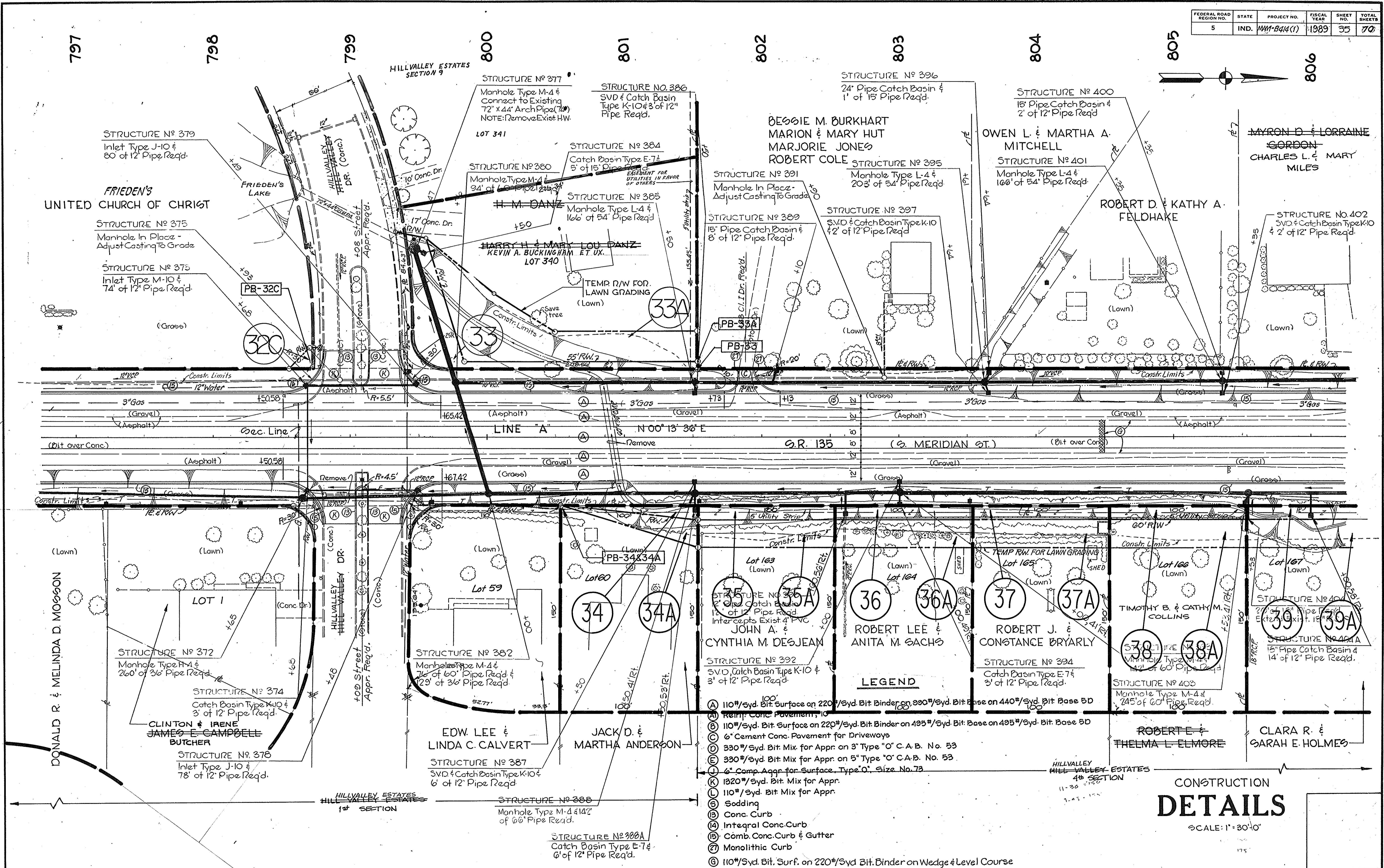
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-8414(1)	1989	34	70



- LEGEND**
- (A) 110#/syd. Bit. Surface on 220#/syd. Bit. Binder on 890#/syd. Bit. Base on 440#/syd. Bit. Base 5D
 - (A) Reinf. Conc. Pavement, 10"
 - (B) 110#/syd. Bit. Surface on 220#/syd. Bit. Binder on 495#/syd. Bit. Base on 495#/syd. Bit. Base 5D
 - (C) 6" Cement Conc. Pavement for Driveways
 - (D) 330#/syd. Bit. Mix for Appr. on 3" Type "O" C.A.B. No. 53
 - (E) 330#/syd. Bit. Mix for Appr. on 5" Type "O" C.A.B. No. 53
 - (J) 6" Comp. Aggr. for Surface, Type "O", Size No. 73
 - (K) 1320#/syd. Bit. Mix for Appr.
 - (L) 110#/syd. Bit. Mix for Appr.
 - (S) Sodding
 - (B) Conc. Curb
 - (14) Integral Conc. Curb
 - (15) Comb. Conc. Curb & Gutter
 - (27) Monolithic Curb

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

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MM-844(1)	1989	35	70



LEGEND

- (A) 110#/syd. Bit. Surf. on 220#/syd. Bit. Binder on 390#/syd. Bit. Base on 440#/syd. Bit. Base 5D
- (B) Reim. Conc. Pavement, 10"
- (C) 110#/syd. Bit. Surf. on 220#/syd. Bit. Binder on 495#/syd. Bit. Base on 495#/syd. Bit. Base 5D
- (D) 6" Cement Conc. Pavement for Driveways
- (E) 330#/syd. Bit. Mix for Appr. on 3" Type "O" C.A.B. No. 53
- (F) 330#/syd. Bit. Mix for Appr. on 5" Type "O" C.A.B. No. 53
- (G) 4" Comp. Aggr. for Surface, Type "O", Size No. 73
- (H) 1820#/syd. Bit. Mix for Appr.
- (I) 110#/syd. Bit. Mix for Appr.
- (J) Sodding
- (K) Conc. Curb
- (L) Integral Conc. Curb
- (M) Comb. Conc. Curb & Gutter
- (N) Monolithic Curb
- (O) 110#/syd. Bit. Surf. on 220#/syd. Bit. Binder on Wedge & Level Course

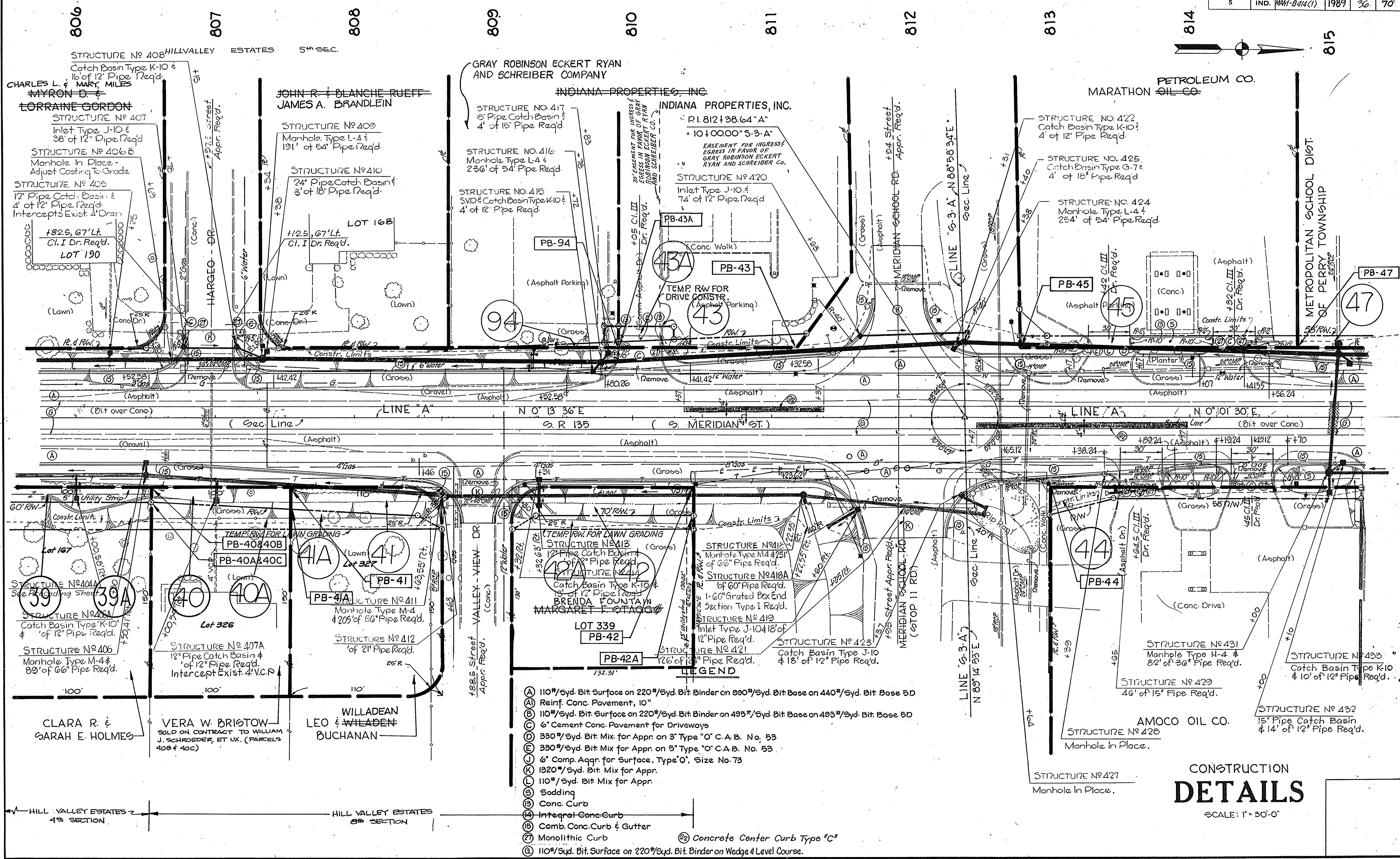
CONSTRUCTION DETAILS

SCALE: 1" = 30'-0"

REV. 1-29-90, NAME CHANGE ON PAR. 42

FOR "5-3-A"
 SEE SH. NO.

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MM-844(1)	1989	36	70

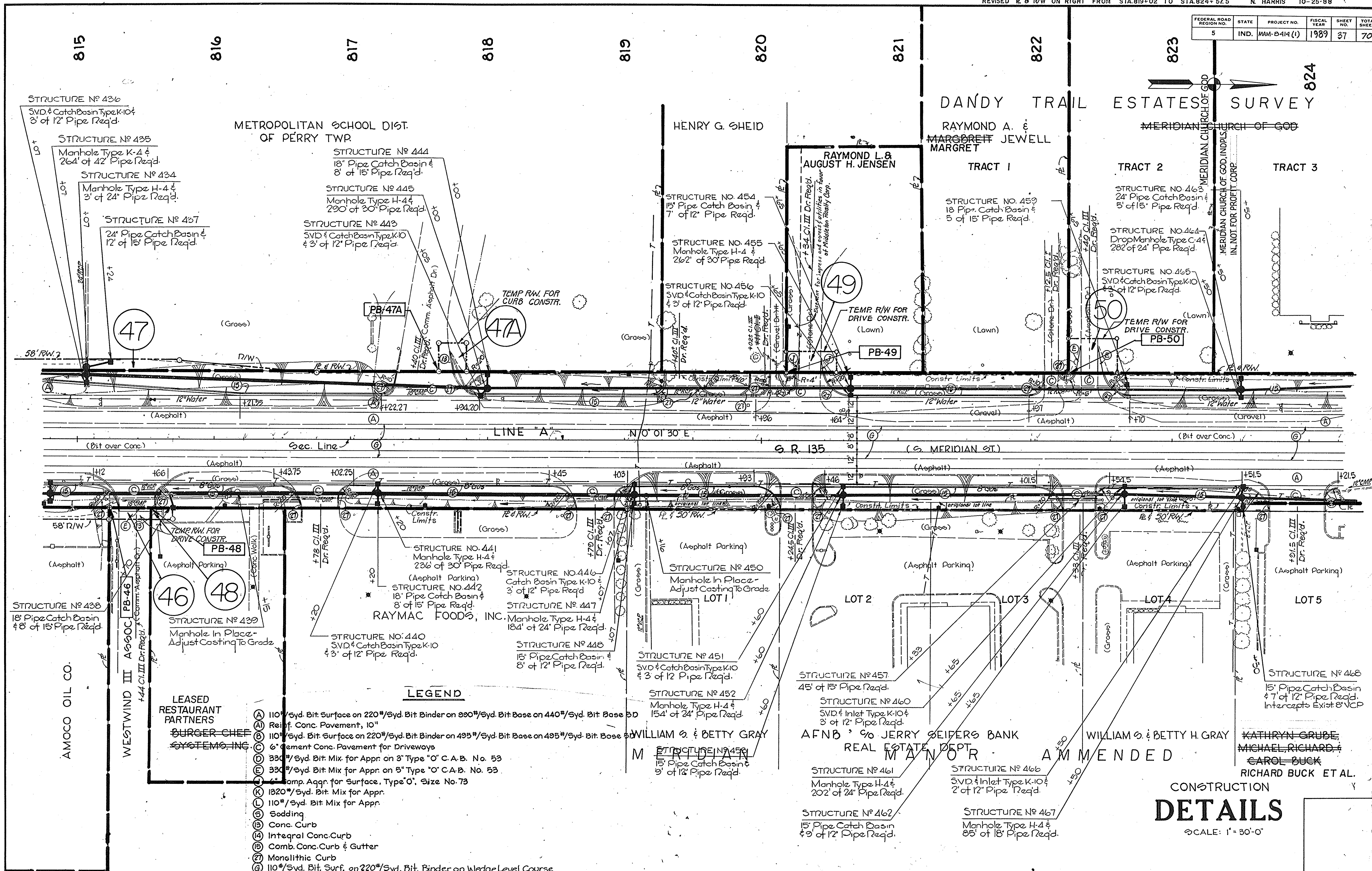


- LEGEND**
- (A) 110*/Syd. Bit. Surface on 220*/Syd. Bit. Binder on 330*/Syd. Bit. Base on 440*/Syd. Bit. Base 5D
 - (B) Reinf. Conc. Pavement, 10"
 - (C) 110*/Syd. Bit. Surface on 220*/Syd. Bit. Binder on 495*/Syd. Bit. Base on 495*/Syd. Bit. Base 5D
 - (D) 6" Cement Conc. Pavement for Driveways
 - (E) 330*/Syd. Bit. Mix. for Appr. on 3" Type "O" C.A.B. No. 53
 - (F) 330*/Syd. Bit. Mix. for Appr. on 5" Type "O" C.A.B. No. 53
 - (G) 6" Comp. Aggr. for Surface, Type "O", Size No. 73
 - (H) 1320*/Syd. Bit. Mix. for Appr.
 - (I) 110*/Syd. Bit. Mix. for Appr.
 - (J) Sodding
 - (K) Conc. Curb
 - (L) Integral Conc. Curb
 - (M) Comb. Conc. Curb & Gutter
 - (N) Monolithic Curb
 - (O) Concrete Center Curb Type "C"
 - (P) 110*/Syd. Bit. Surface on 220*/Syd. Bit. Binder on Wedge & Level Course.

CONSTRUCTION DETAILS

SCALE: 1" = 30'-0"

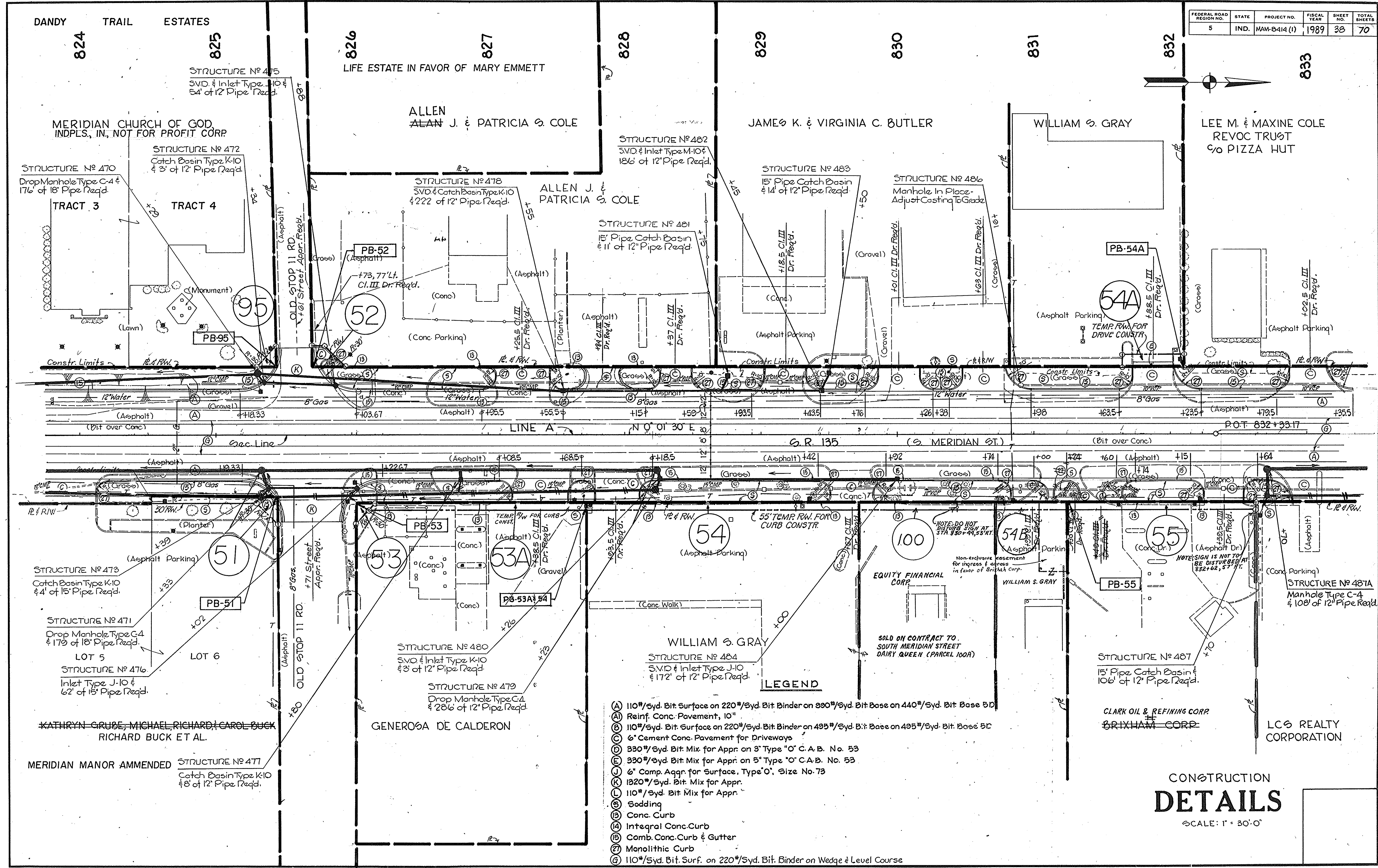
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MM-B414 (1)	1989	37	70



- LEGEND**
- (A) 110#/Syd. Bit. Surface on 220#/Syd. Bit. Binder on 390#/Syd. Bit. Base on 440#/Syd. Bit. Base 3D
 - (B) Reinf. Conc. Pavement, 10"
 - (C) 110#/Syd. Bit. Surface on 220#/Syd. Bit. Binder on 495#/Syd. Bit. Base on 495#/Syd. Bit. Base 3D
 - (D) 6" Cement Conc. Pavement for Driveways
 - (E) 330#/Syd. Bit. Mix for Appr. on 3" Type "O" C.A.B. No. 53
 - (F) 330#/Syd. Bit. Mix for Appr. on 5" Type "O" C.A.B. No. 53
 - (G) Comp. Aggr. for Surface, Type "O", Size No. 73
 - (H) 1320#/Syd. Bit. Mix for Appr.
 - (I) 110#/Syd. Bit. Mix for Appr.
 - (J) Sodding
 - (K) Conc. Curb
 - (L) Integral Conc. Curb
 - (M) Comb. Conc. Curb & Gutter
 - (N) Monolithic Curb
 - (O) 110#/Syd. Bit. Surf. on 220#/Syd. Bit. Binder on Wedge Level Course

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

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-8414 (1)	1989	38	70



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

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B-414(1)	1989	39	70

833

834

835

836

837

838

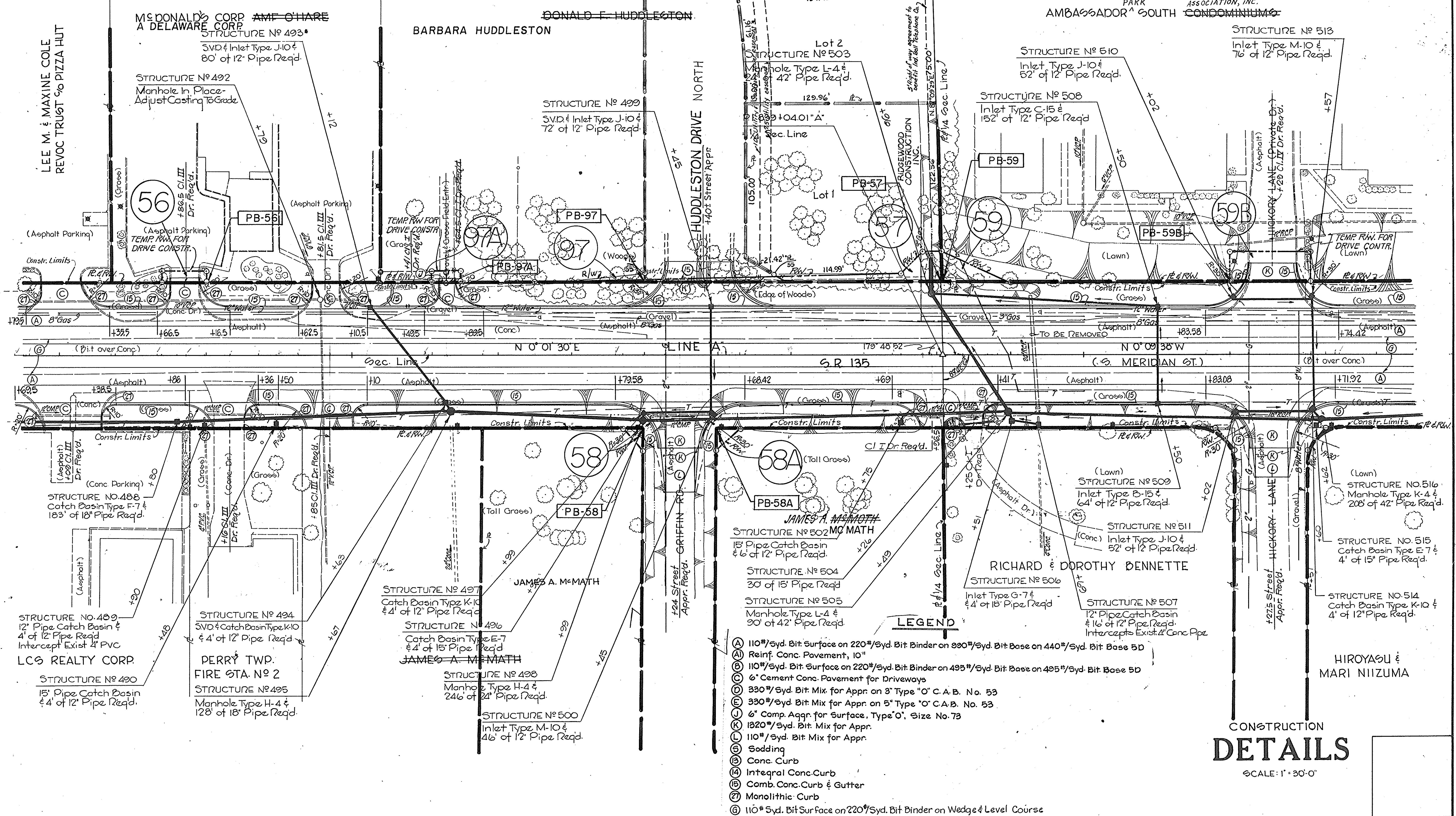
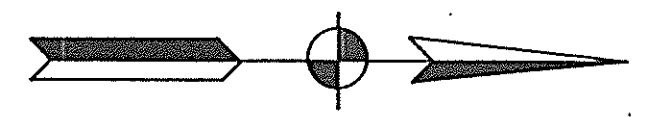
839

840

841

842

NOTE: CONTRACTOR SHALL NOT DISTURB EITHER THE SIGN OR THE LANDSCAPED AREA @ STA. 833+65 LT.



LEGEND

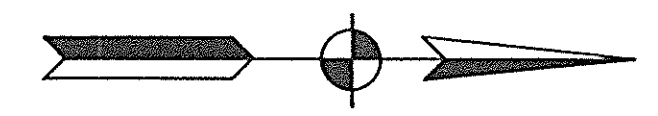
- (A) 110#/syd. Bit Surface on 220#/syd. Bit Binder on 390#/syd. Bit Base on 440#/syd. Bit Base 5D
- (B) Reinf. Conc. Pavement, 10"
- (C) 110#/syd. Bit Surface on 220#/syd. Bit Binder on 495#/syd. Bit Base on 495#/syd. Bit Base 5D
- (D) 6" Cement Conc. Pavement for Driveways
- (E) 390#/syd. Bit Mix for Appr. on 3" Type "O" C.A.B. No. 53
- (F) 390#/syd. Bit Mix for Appr. on 5" Type "O" C.A.B. No. 53
- (G) 6" Comp. Aggr. for Surface, Type "O", Size No. 73
- (H) 1320#/syd. Bit Mix for Appr.
- (I) 110#/syd. Bit Mix for Appr.
- (J) Sodding
- (K) Conc. Curb
- (L) Integral Conc. Curb
- (M) Comb. Conc. Curb & Gutter
- (N) Monolithic Curb
- (O) 110#/syd. Bit Surface on 220#/syd. Bit Binder on Wedge & Level Course

CONSTRUCTION DETAILS

SCALE: 1" = 30'-0"

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-3414(1)	1989	40	70

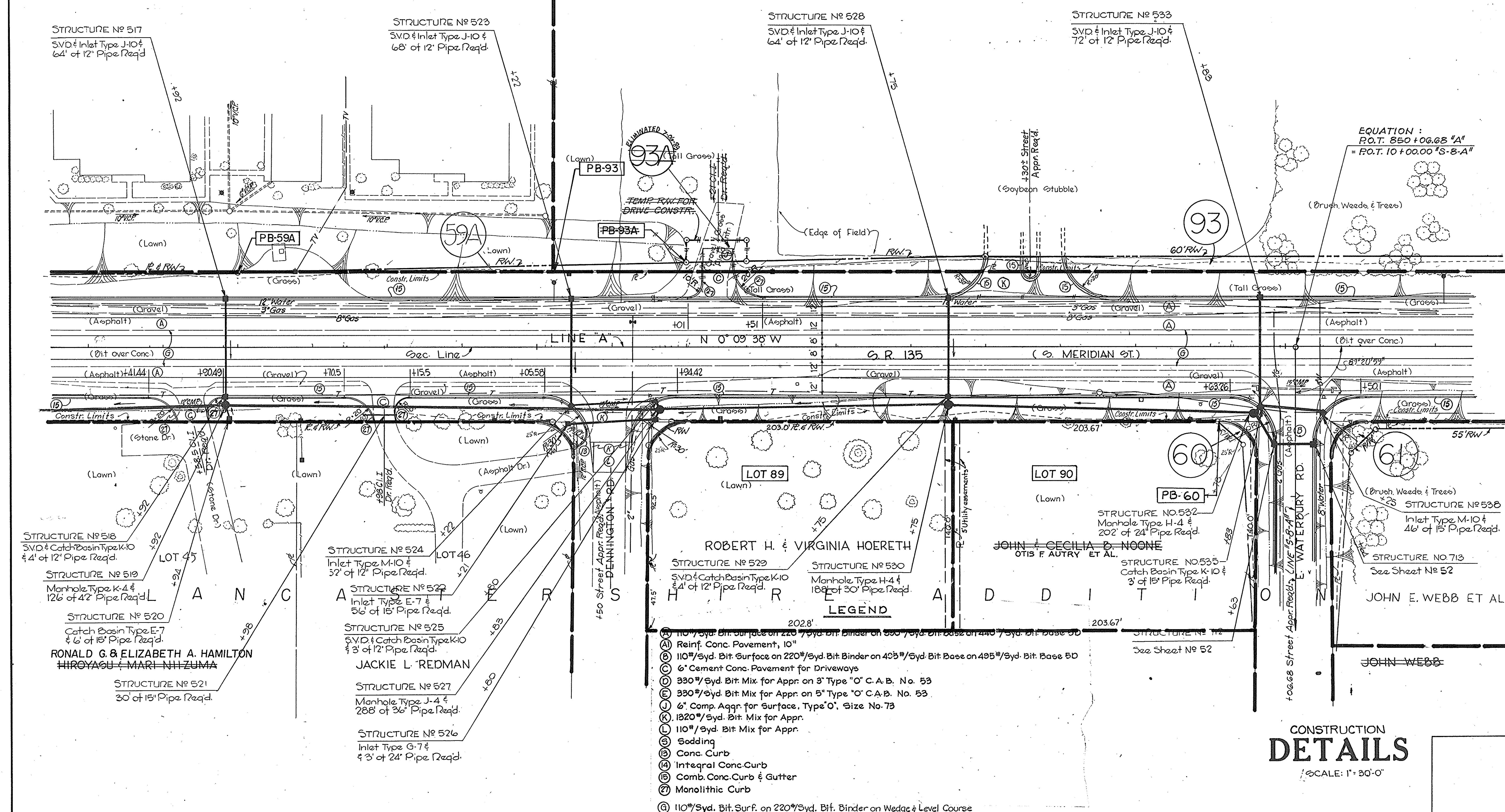
850 FOR "S-B-A"
SEE SHT. NO. 29, 452



851

PARK ASSOCIATION, INC.
AMBASSADOR SOUTH CONDOMINIUMS

SEXTON 1986 MERIDIAN COURT SOUTH-IV AN IND. LTD. PARTNERSHIP
WILLIAM & ELIZABETH CAREY

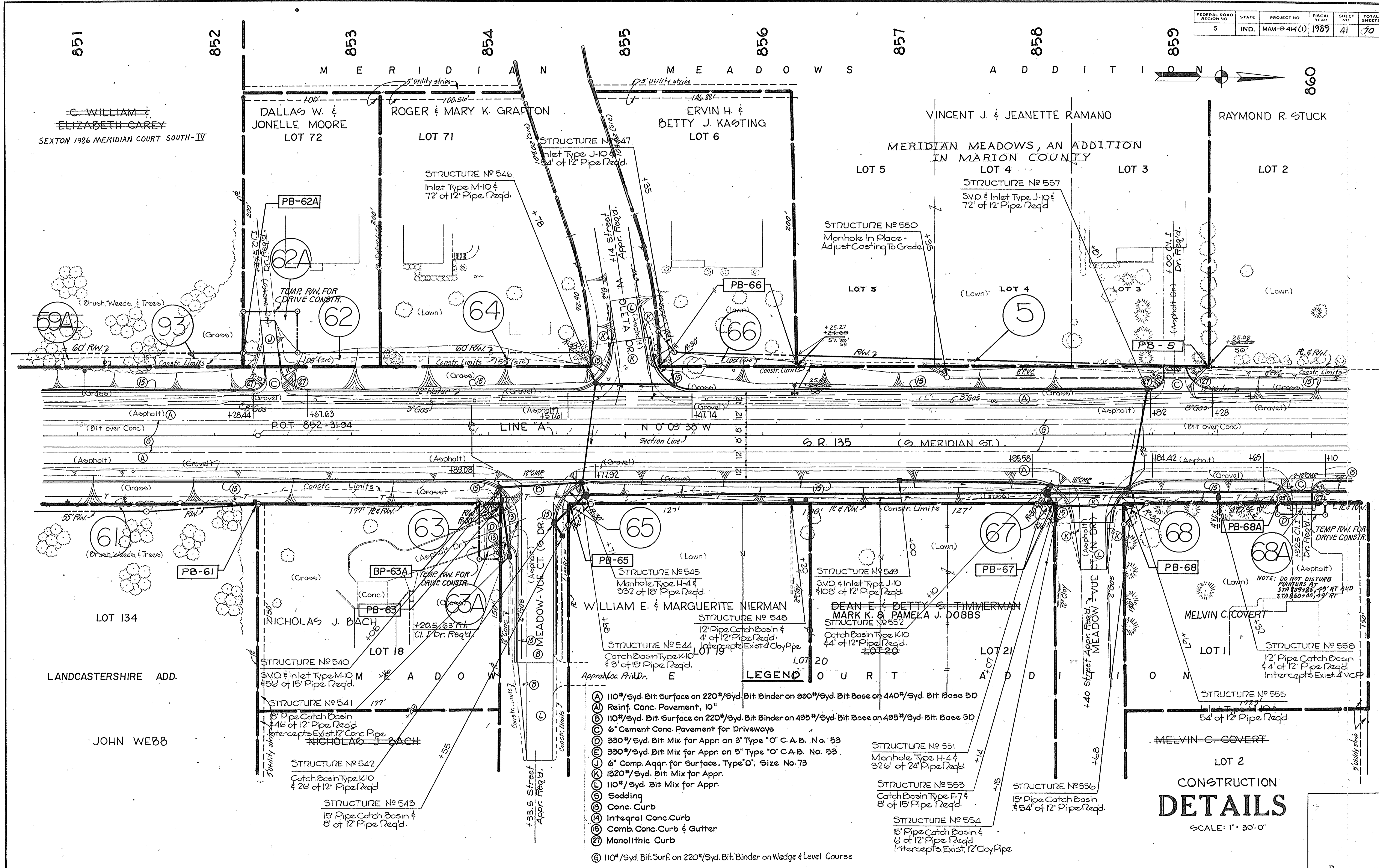


EQUATION:
P.O.T. 850 + 06.68 "A"
= P.O.T. 10 + 00.00 "S-B-A"

- LEGEND**
- (A) 110#/Syd. Bit. Surface on 220#/Syd. Bit. Binder on 500#/Syd. Bit. Base on 440#/Syd. Bit. Base 5D
 - (B) Reinf. Conc. Pavement, 10"
 - (C) 110#/Syd. Bit. Surface on 220#/Syd. Bit. Binder on 405#/Syd. Bit. Base on 495#/Syd. Bit. Base 5D
 - (D) 6" Cement Conc. Pavement for Driveways
 - (E) 330#/Syd. Bit. Mix for Appr. on 3" Type "O" C.A.B. No. 53
 - (F) 330#/Syd. Bit. Mix for Appr. on 5" Type "O" C.A.B. No. 53
 - (G) 6" Comp. Aggr. for Surface, Type "O", Size No. 73
 - (H) 1320#/Syd. Bit. Mix for Appr.
 - (I) 110#/Syd. Bit. Mix for Appr.
 - (J) Sodding
 - (K) Conc. Curb
 - (L) Integral Conc. Curb
 - (M) Comb. Conc. Curb & Gutter
 - (N) Monolithic Curb
 - (O) 110#/Syd. Bit. Surf. on 220#/Syd. Bit. Binder on Wedge & Level Course

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

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B 414 (I)	1989	41	70



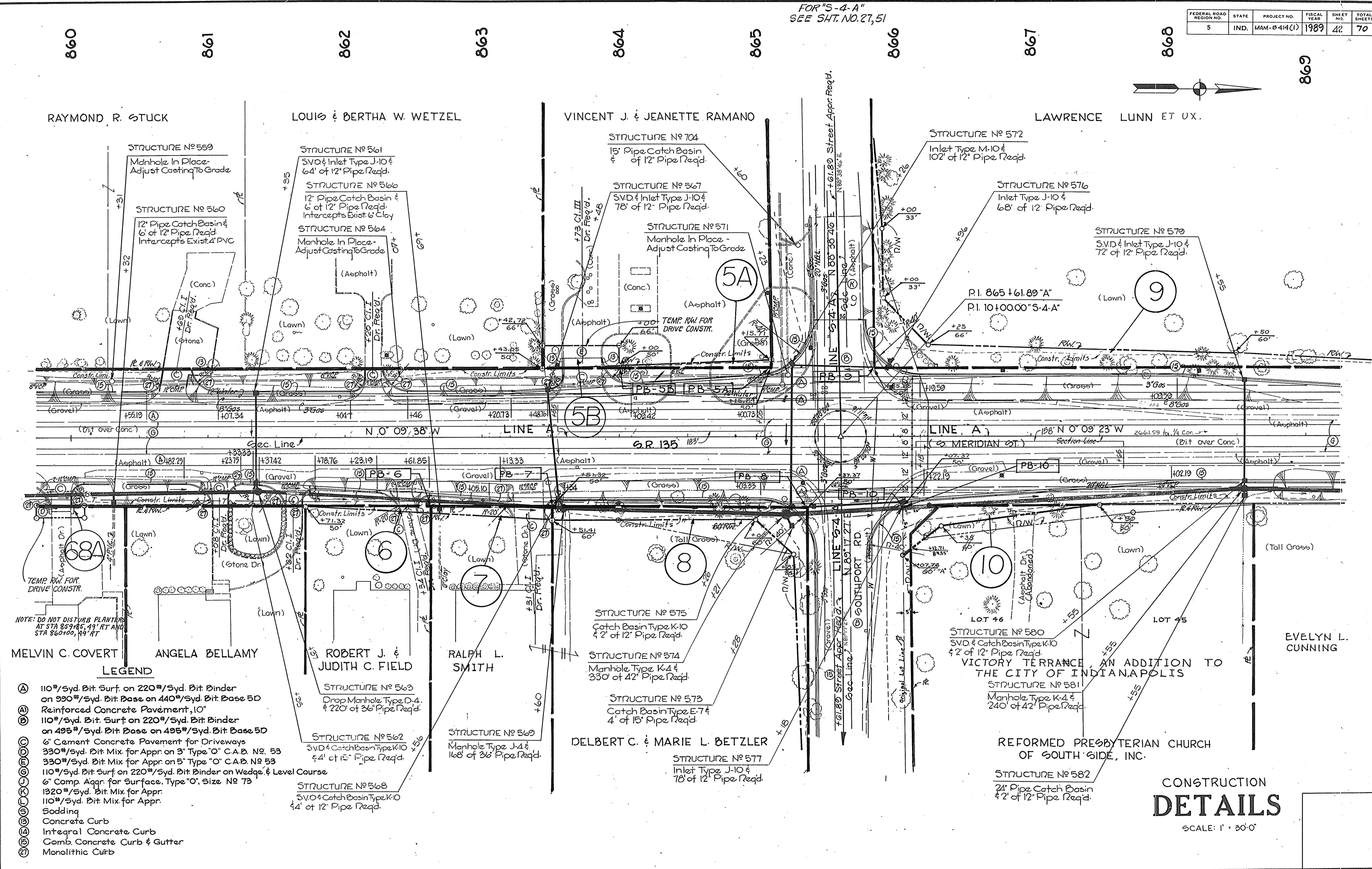
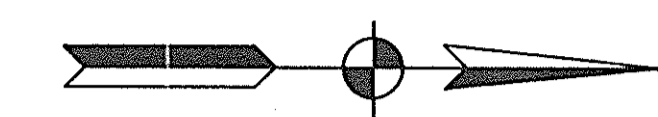
- LEGEND**
- (A) 110#/Syd. Bit. Surface on 220#/Syd. Bit. Binder on 390#/Syd. Bit. Base on 440#/Syd. Bit. Base 5D
 - (A1) Reinf. Conc. Pavement, 10"
 - (B) 110#/Syd. Bit. Surface on 220#/Syd. Bit. Binder on 495#/Syd. Bit. Base on 495#/Syd. Bit. Base 5D
 - (C) 6" Cement Conc. Pavement for Driveways
 - (D) 330#/Syd. Bit. Mix for Appr. on 3" Type "O" C.A.B. No. 53
 - (E) 330#/Syd. Bit. Mix for Appr. on 5" Type "O" C.A.B. No. 53
 - (F) 6" Comp. Aggr. for Surface, Type "O", Size No. 73
 - (G) 1320#/Syd. Bit. Mix for Appr.
 - (H) 110#/Syd. Bit. Mix for Appr.
 - (I) Sodding
 - (J) Conc. Curb
 - (K) Integral Conc. Curb
 - (L) Comb. Conc. Curb & Gutter
 - (M) Monolithic Curb
 - (N) 110#/Syd. Bit. Surf. on 220#/Syd. Bit. Binder on Wedge & Level Course

CONSTRUCTION DETAILS

SCALE: 1" = 30'-0"

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B-414(1)	1989	42	70

FOR "S-4-A"
 SEE SHT. NO. 21, 51

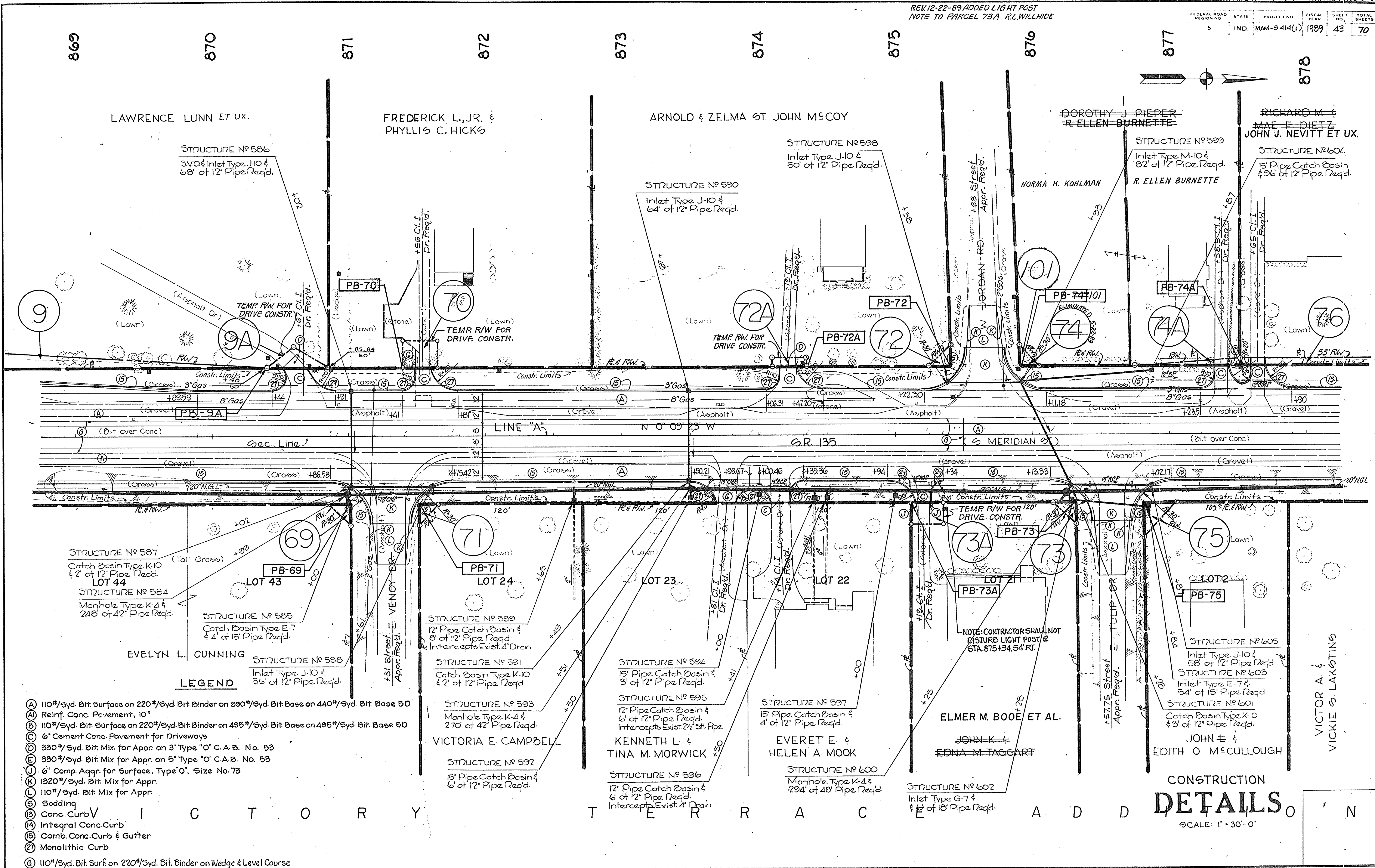


RAYMOND R. STUCK
 LOUIS & BERTHA W. WETZEL
 VINCENT J. & JEANETTE RAMANO
 LAWRENCE LUNN ET UX.
 MELVIN C. COVERT
 ANGELA BELLAMY
 ROBERT J. & JUDITH C. FIELD
 RALPH L. SMITH
 DELBERT C. & MARIE L. BETZLER
 REFORMED PRESBYTERIAN CHURCH OF SOUTH SIDE, INC.
 EVELYN L. CUNNING

- LEGEND**
- (A) 110#/Syd. Bit. Surf. on 220#/Syd. Bit. Binder on 990#/Syd. Bit. Base on 440#/Syd. Bit. Base 5D Reinforced Concrete Pavement, 10"
 - (A) 110#/Syd. Bit. Surf. on 220#/Syd. Bit. Binder on 495#/Syd. Bit. Base on 495#/Syd. Bit. Base 5D 6" Cement Concrete Pavement for Driveways 330#/Syd. Bit. Mix. for Appr. on 3" Type "O" C.A.B. No. 53 330#/Syd. Bit. Mix. for Appr. on 5" Type "O" C.A.B. No. 53
 - (E) 110#/Syd. Bit. Surf. on 220#/Syd. Bit. Binder on Wedge. & Level Course 6" Comp. Aggr. for Surface, Type "O", Size No. 73 1320#/Syd. Bit. Mix. for Appr.
 - (E) 110#/Syd. Bit. Mix. for Appr. Sodding
 - (E) Concrete Curb
 - (E) Integral Concrete Curb
 - (E) Comb. Concrete Curb & Gutter
 - (E) Monolithic Curb

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

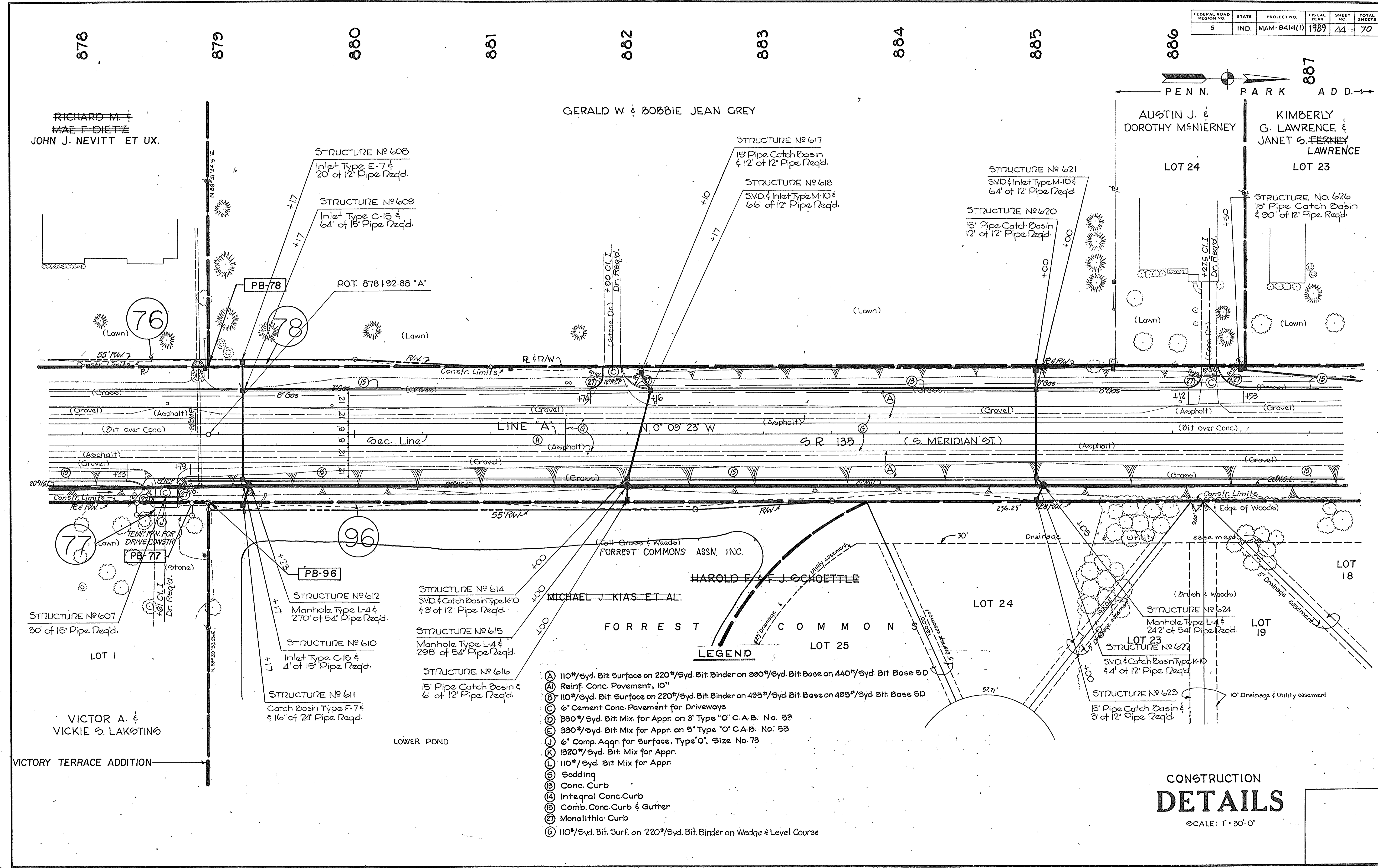
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B-414(i)	1989	43	70



- LEGEND**
- (A) 110#/Syd. Bit Surface on 220#/Syd. Bit Binder on 990#/Syd. Bit Base on 440#/Syd. Bit Base 5D
 - (A) Reinf. Conc. Pavement, 10"
 - (B) 110#/Syd. Bit Surface on 220#/Syd. Bit Binder on 495#/Syd. Bit Base on 495#/Syd. Bit Base 5D
 - (C) 6" Cement Conc. Pavement for Driveways
 - (D) 330#/Syd. Bit Mix for Appr. on 3" Type "O" C.A.B. No. 53
 - (E) 330#/Syd. Bit Mix for Appr. on 5" Type "O" C.A.B. No. 53
 - (J) 6" Comp. Aggr. for Surface, Type "O", Size No. 73
 - (K) 1820#/Syd. Bit Mix for Appr.
 - (L) 110#/Syd. Bit Mix for Appr.
 - (S) Sodding
 - (V) Conc. Curb
 - (I) Integral Conc. Curb
 - (C) Comb. Conc. Curb & Gutter
 - (T) Monolithic Curb
 - (O) 110#/Syd. Bit Surf. on 220#/Syd. Bit Binder on Wedge & Level Course

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

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B414(1)	1989	44	70

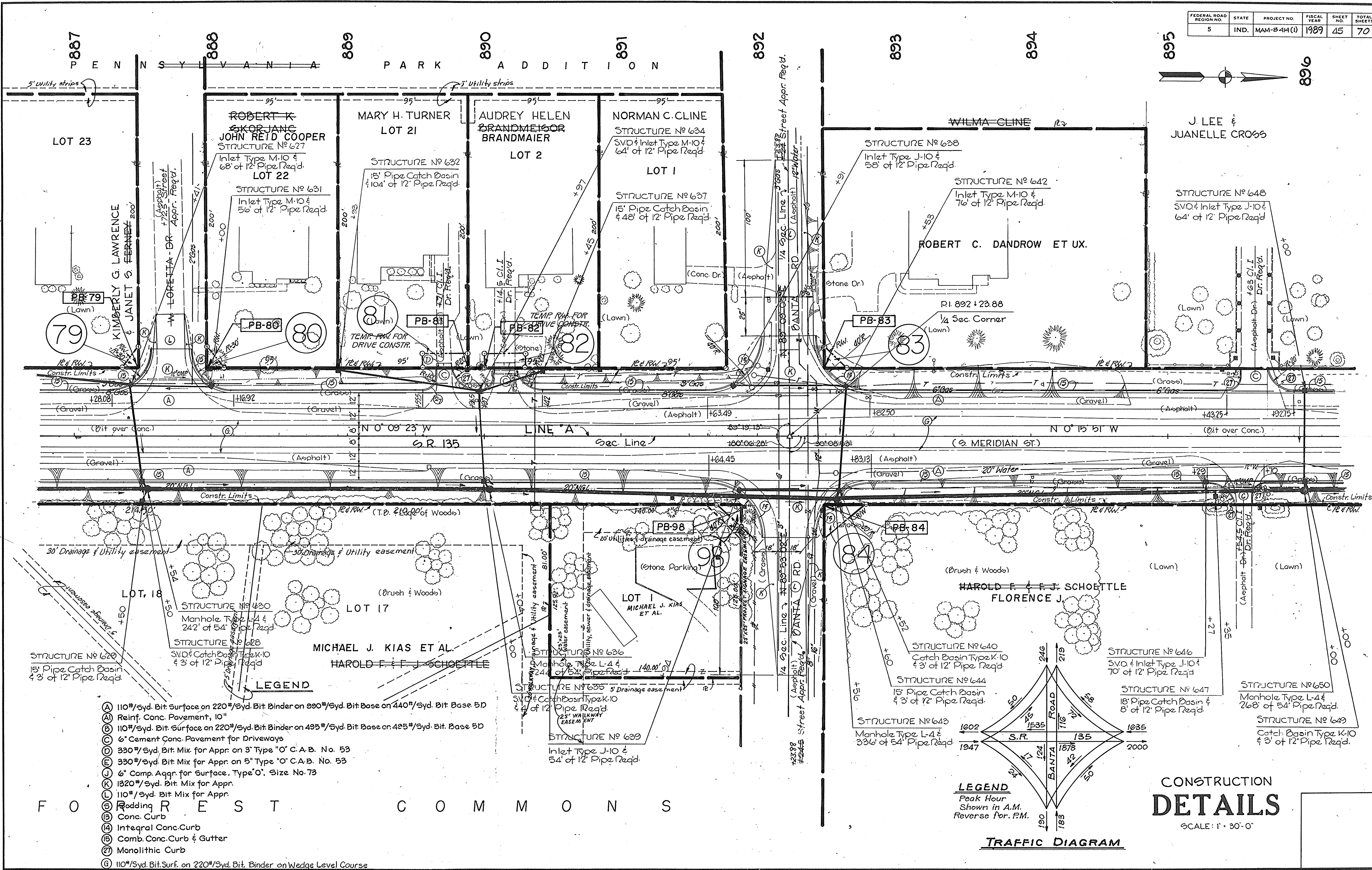


- LEGEND**
- (A) 110#/Syd. Bit. Surface on 220#/Syd. Bit. Binder on 390#/Syd. Bit. Base on 440#/Syd. Bit. Base 5D
 - (A) Reinf. Conc. Pavement, 10"
 - (B) 110#/Syd. Bit. Surface on 220#/Syd. Bit. Binder on 495#/Syd. Bit. Base on 495#/Syd. Bit. Base 5D
 - (C) 6" Cement Conc. Pavement for Driveways
 - (D) 330#/Syd. Bit. Mix. for Appr. on 3" Type "O" C.A.B. No. 53
 - (E) 330#/Syd. Bit. Mix. for Appr. on 5" Type "O" C.A.B. No. 53
 - (J) 6" Comp. Aggr. for Surface, Type "O", Size No. 73
 - (K) 1820#/Syd. Bit. Mix. for Appr.
 - (L) 110#/Syd. Bit. Mix. for Appr.
 - (S) Sodding
 - (B) Conc. Curb
 - (14) Integral Conc. Curb
 - (15) Comb. Conc. Curb & Gutter
 - (2) Monolithic Curb
 - (O) 110#/Syd. Bit. Surf. on 220#/Syd. Bit. Binder on Wedge & Level Course

**CONSTRUCTION
 DETAILS**

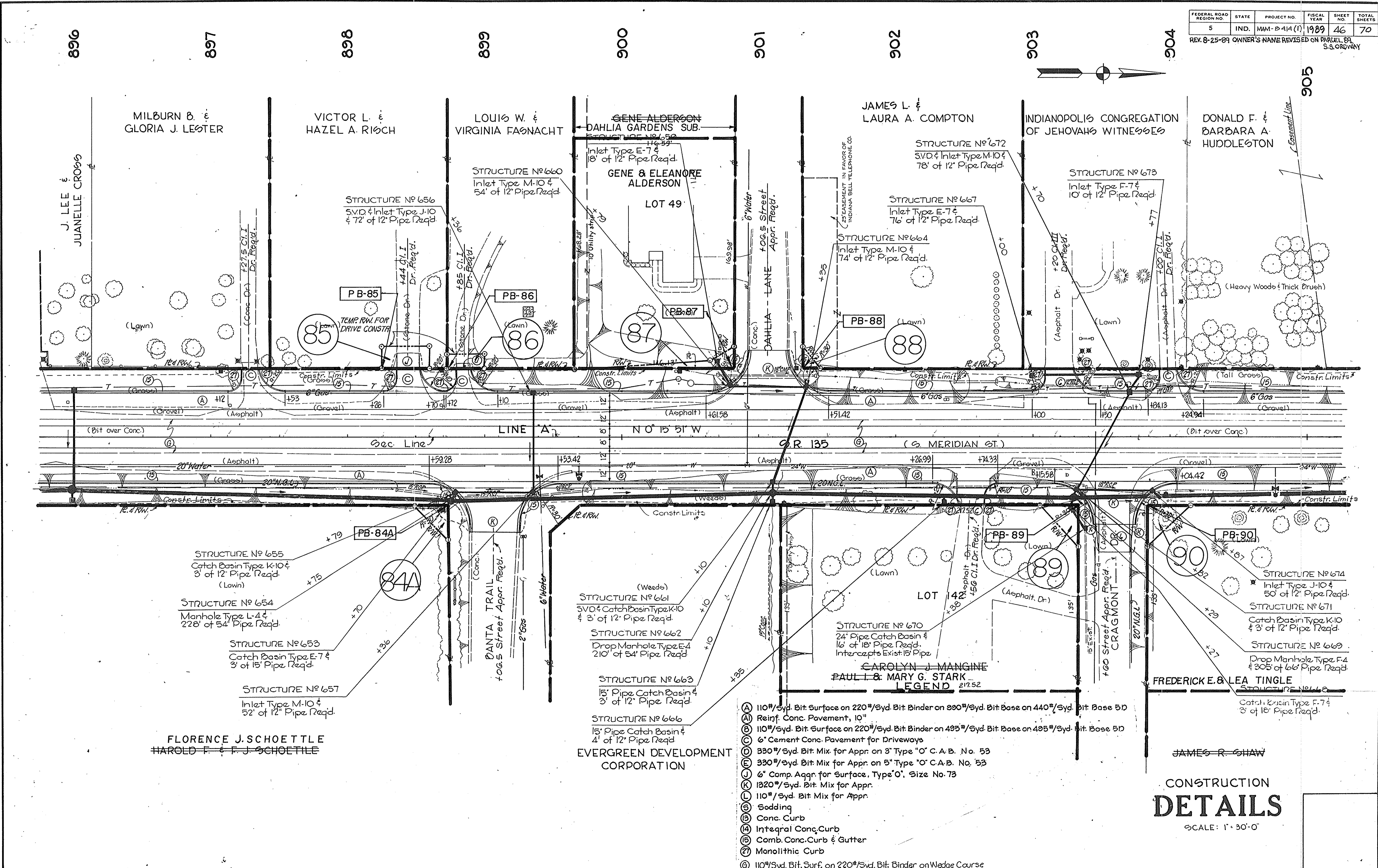
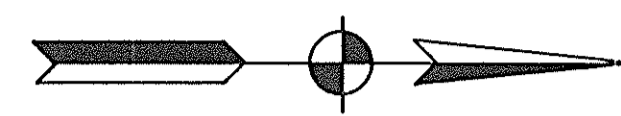
SCALE: 1" = 30'-0"

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B-44(1)	1989	45	70



FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B-414(1)	1989	46	70

REV. 8-25-89 OWNER'S NAME REVISED ON PARCEL 84 S.S. BROADWAY

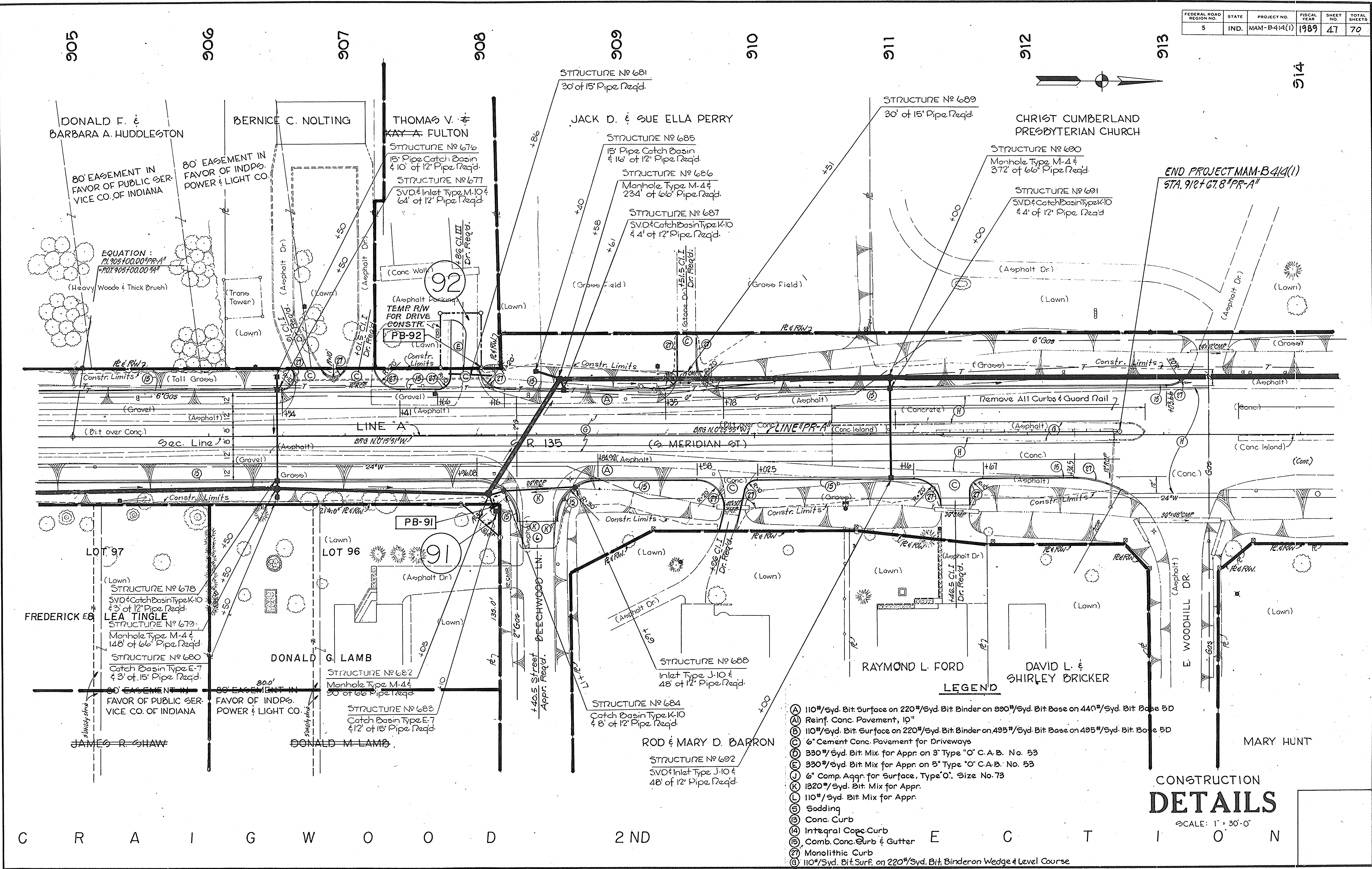


- LEGEND**
- (A) 110#/Syd. Bit. Surface on 220#/Syd. Bit. Binder on 300#/Syd. Bit. Base on 440#/Syd. Bit. Base 5D
 - (B) Reinf. Conc. Pavement, 10"
 - (C) 110#/Syd. Bit. Surface on 220#/Syd. Bit. Binder on 495#/Syd. Bit. Base on 495#/Syd. Bit. Base 5D
 - (D) 6" Cement Conc. Pavement for Driveways
 - (E) 330#/Syd. Bit. Mix. for Appr. on 3" Type "O" C.A.B. No. 53
 - (F) 330#/Syd. Bit. Mix. for Appr. on 5" Type "O" C.A.B. No. 53
 - (G) 6" Comp. Aggr. for Surface, Type "O", Size No. 73
 - (H) 1320#/Syd. Bit. Mix for Appr.
 - (I) 110#/Syd. Bit. Mix for Appr.
 - (J) Sodding
 - (K) Conc. Curb
 - (L) Integral Conc. Curb
 - (M) Comb. Conc. Curb & Gutter
 - (N) Monolithic Curb
 - (O) 110#/Syd. Bit. Surf. on 220#/Syd. Bit. Binder on Wedge Course

CONSTRUCTION DETAILS

SCALE: 1" = 30'-0"

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B414(1)	1989	47	70



- LEGEND**
- (A) 110#/Syd. Bit. Surf. on 220#/Syd. Bit. Binder on 990#/Syd. Bit. Base on 440#/Syd. Bit. Base 5D
 - (B) Reinf. Conc. Pavement, 10"
 - (C) 110#/Syd. Bit. Surf. on 220#/Syd. Bit. Binder on 495#/Syd. Bit. Base on 495#/Syd. Bit. Base 5D
 - (D) 6" Cement Conc. Pavement for Driveways
 - (E) 330#/Syd. Bit. Mix for Appr. on 3" Type "O" C.A.B. No. 53
 - (F) 330#/Syd. Bit. Mix for Appr. on 5" Type "O" C.A.B. No. 53
 - (G) 6" Comp. Aggr. for Surface, Type "O", Size No. 73
 - (H) 1820#/Syd. Bit. Mix for Appr.
 - (I) 110#/Syd. Bit. Mix for Appr.
 - (J) Sodding
 - (K) Conc. Curb
 - (L) Integral Conc. Curb
 - (M) Comb. Conc. Curb & Gutter
 - (N) Monolithic Curb
 - (O) 110#/Syd. Bit. Surf. on 220#/Syd. Bit. Binder on Wedge & Level Course
 - (P) 110#/Syd. Bit. Surf.

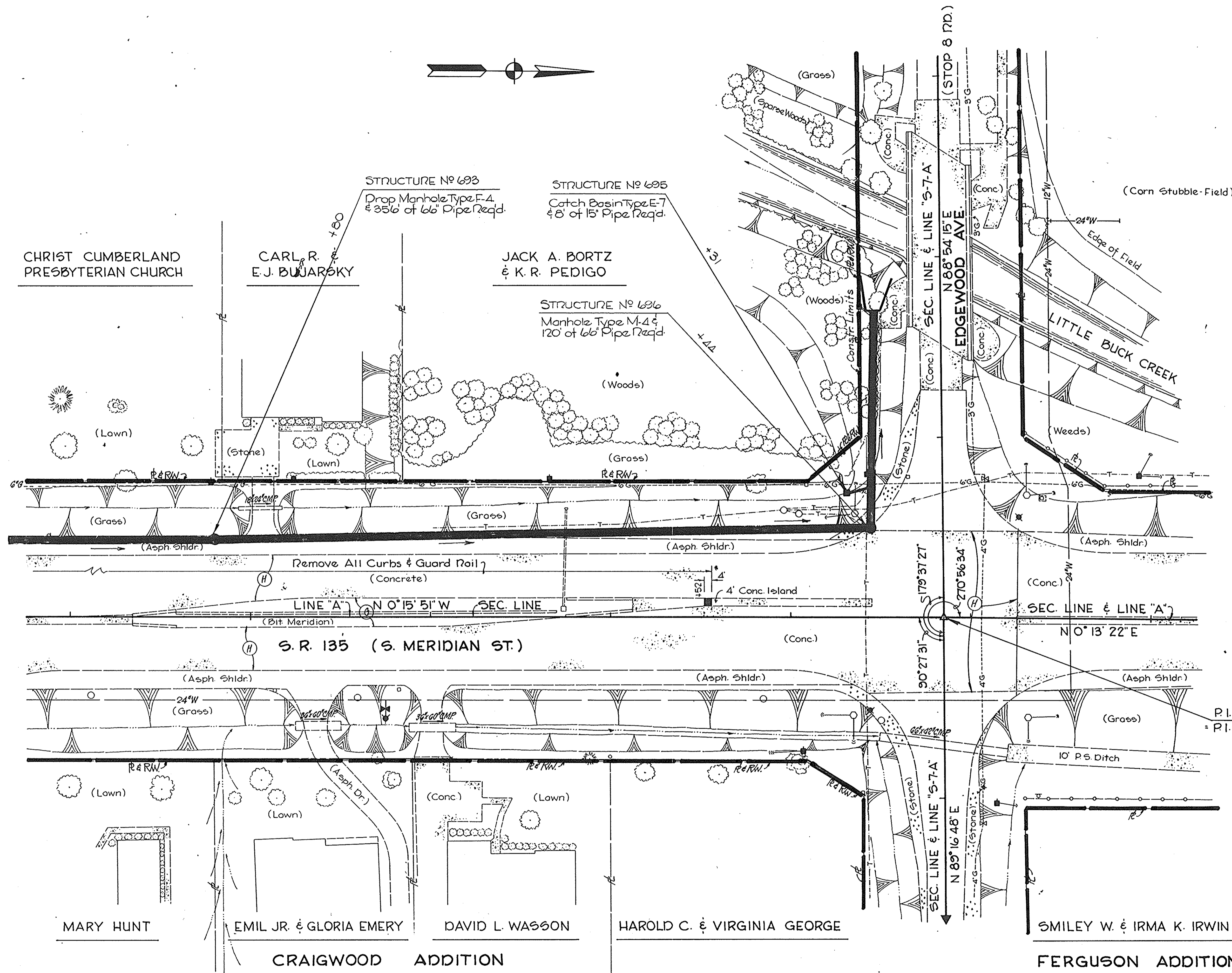
**CONSTRUCTION
DETAILS**

SCALE: 1" = 30'-0"

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-D-414(1)	1989	48	70

915

920



P.I. STA. 918+85.00 "A"
= P.I. STA. 10+0000 "S-7-A"

LEGEND

- (A) 110#/syd. Bit. Surface on 220#/syd. Bit. Binder on 390#/syd. Bit. Base on 440#/syd. Bit. Base 5D
- (A1) Reinf. Conc. Pavement, 10"
- (B) 110#/syd. Bit. Surface on 220#/syd. Bit. Binder on 495#/syd. Bit. Base on 495#/syd. Bit. Base 5D
- (C) 6" Cement Conc. Pavement for Driveways
- (D) 330#/syd. Bit. Mix. for Appr. on 3" Type "O" C.A.B. No. 53
- (E) 330#/syd. Bit. Mix. for Appr. on 5" Type "O" C.A.B. No. 53
- (F) 6" Comp. Aggr. for Surface, Type "O", Size No. 73
- (G) 1320#/syd. Bit. Mix. for Appr.
- (H) 110#/syd. Bit. Mix. for Appr.
- (I) Sodding
- (J) Conc. Curb
- (K) Integral Conc. Curb
- (L) Comb. Conc. Curb & Gutter
- (M) Monolithic Curb
- (N) 110#/syd. Bit. Surf. on 220#/syd. Bit. Binder on Wedge & Level Course.
- (O) 110#/syd. Bit. Surface

* Construct 4' Conc. Center Curb Taper

DETAILS

REV. 6-10-88 (L.T.R. 3-1-88) ADDED SIG NO Light Poles. M.E. HALL

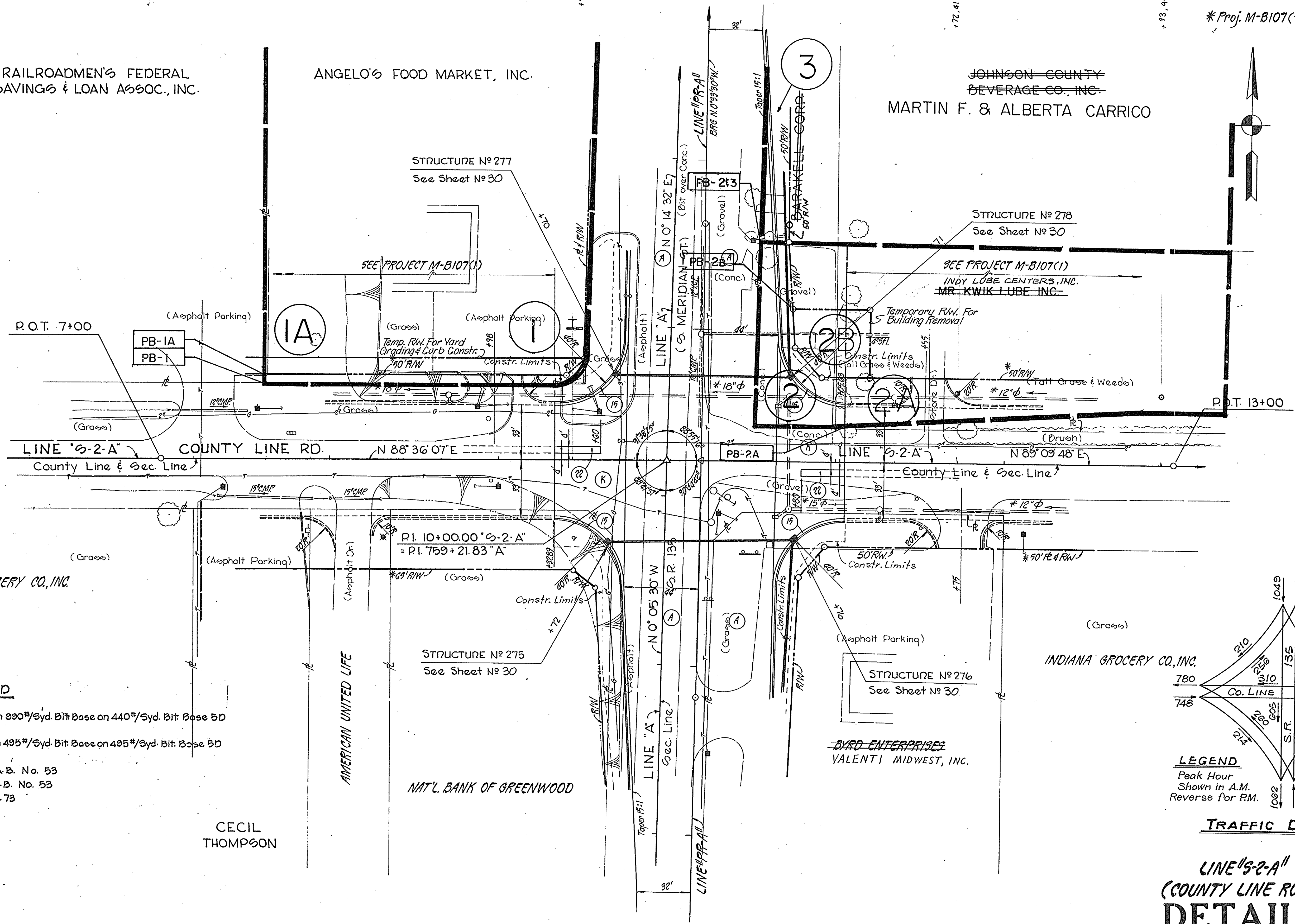
FEDERAL ROAD DIVISION NO	STATE	PROJ. NO	FISCAL YEAR	COUNTY	SHEET NO
15	IND.	MAM-8414(1)	1989	49	70

*Proj. M-B107(1)

RAILROADMEN'S FEDERAL SAVINGS & LOAN ASSOC., INC.

ANGELO'S FOOD MARKET, INC.

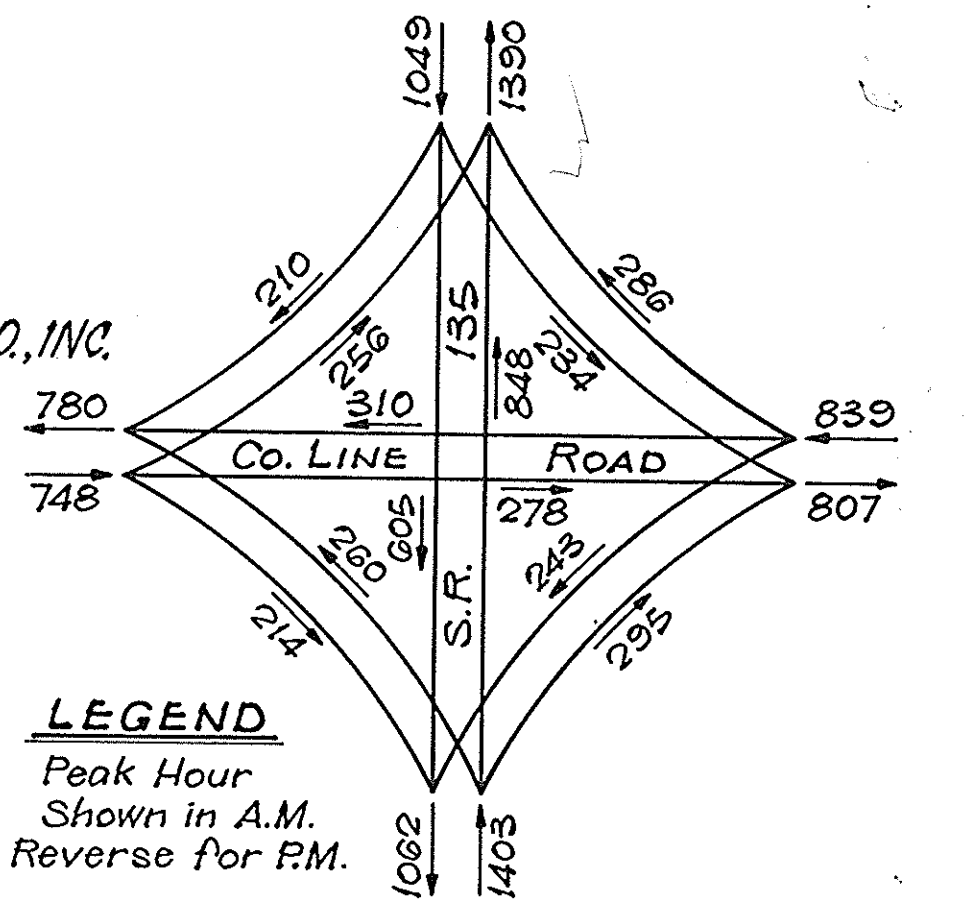
JOHNSON COUNTY BEVERAGE CO., INC. MARTIN F. & ALBERTA CARRICO



INDIANA GROCERY CO., INC.

LEGEND

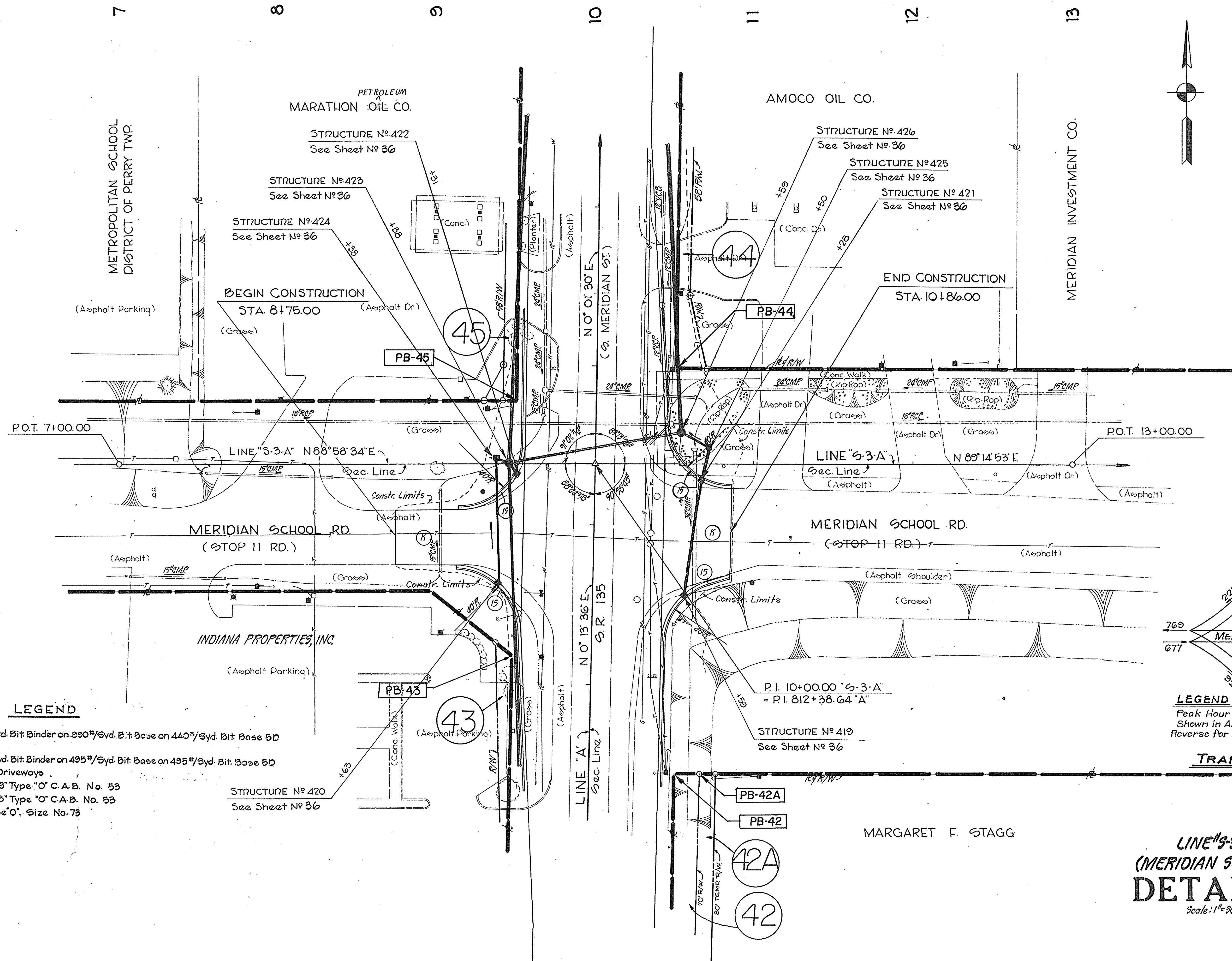
- (A) 110#/Syd. Bit. Surface on 220#/Syd. Bit. Binder on 990#/Syd. Bit. Base on 440#/Syd. Bit. Base 5D
- (AI) Reinf. Conc. Pavement; 10"
- (B) 110#/Syd. Bit. Surface on 220#/Syd. Bit. Binder on 495#/Syd. Bit. Base on 495#/Syd. Bit. Base 5D
- (C) 6" Cement Conc. Pavement for Driveways
- (D) 330#/Syd. Bit. Mix for Appr. on 3" Type "O" C.A.B. No. 53
- (E) 330#/Syd. Bit. Mix for Appr. on 5" Type "O" C.A.B. No. 53
- (J) 6" Comp. Aggr. for Surface, Type "O", Size No. 73
- (K) 1320#/Syd. Bit. Mix for Appr.
- (L) 110#/Syd. Bit. Mix for Appr.
- (S) Sodding
- (B) Conc. Curb
- (14) Integral Conc. Curb
- (15) Comb. Conc. Curb & Gutter
- (17) Monolithic Curb
- (22) Conc. Center Curb Type "C"



TRAFFIC DIAGRAM

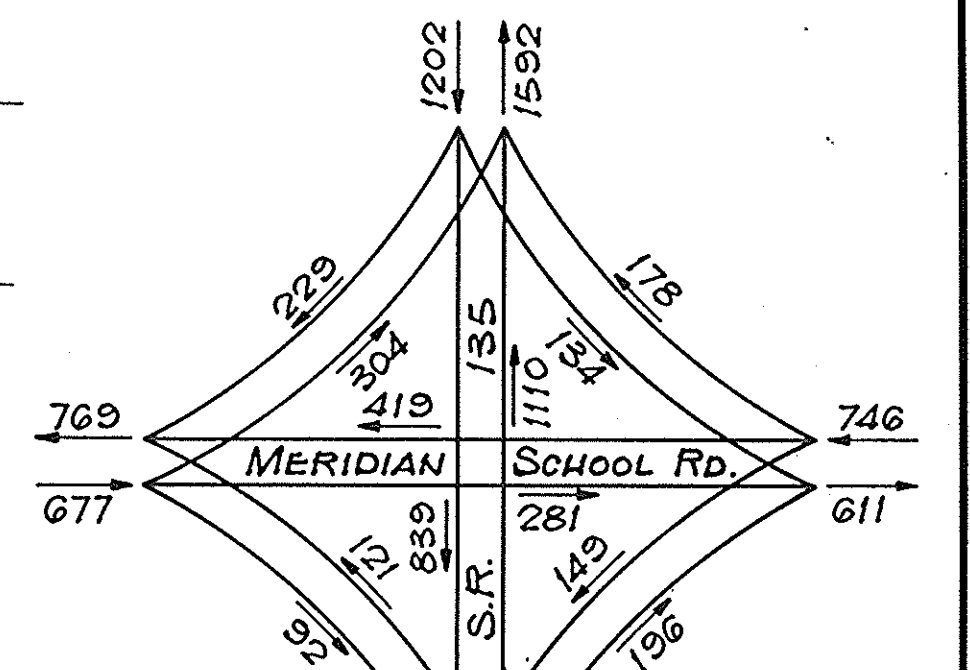
LINE 'S-2-A'
(COUNTY LINE ROAD)
DETAILS
Scale: 1"=30'

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B 414(1)	1989	50	70



LEGEND

- (A) 110#/Syd. Bit. Surface on 220#/Syd. Bit. Binder on 330#/Syd. Bit. Base on 440#/Syd. Bit. Base 5D
- (A) Reinf. Conc. Pavement, 10"
- (B) 110#/Syd. Bit. Surface on 220#/Syd. Bit. Binder on 495#/Syd. Bit. Base on 495#/Syd. Bit. Base 5D
- (C) 6" Cement Conc. Pavement for Driveways
- (D) 330#/Syd. Bit. Mix. for Appr. on 3" Type "O" C.A.B. No. 53
- (E) 330#/Syd. Bit. Mix. for Appr. on 5" Type "O" C.A.B. No. 53
- (C) 6" Comp. Aggr. for Surface, Type "O", Size No. 73
- (K) 1320#/Syd. Bit. Mix. for Appr.
- (L) 110#/Syd. Bit. Mix. for Appr.
- (S) Sodding
- (13) Conc. Curb
- (14) Integral Conc. Curb
- (15) Comb. Conc. Curb & Gutter
- (17) Monolithic Curb

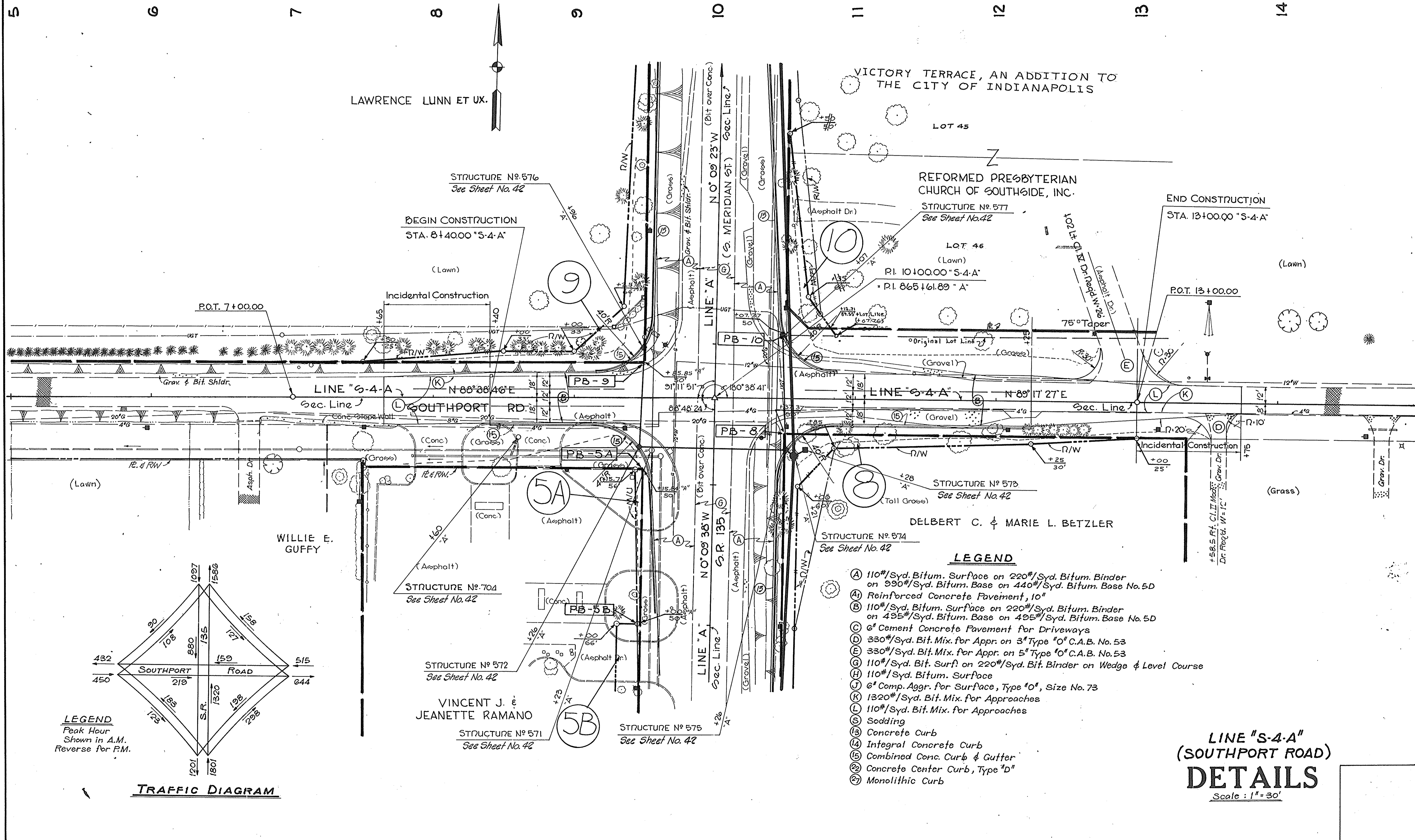


LEGEND
Peak Hour
Shown in A.M.
Reverse for P.M.

TRAFFIC DIAGRAM

LINE "S-3-A"
(MERIDIAN SCHOOL RD.)
DETAILS
Scale: 1"=30'

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B-414(1)	1989	51	70



LAWRENCE LUNN ET UX.

VICTORY TERRACE, AN ADDITION TO THE CITY OF INDIANAPOLIS

REFORMED PRESBYTERIAN CHURCH OF SOUTHSIDE, INC.

STRUCTURE No. 577
See Sheet No. 42

END CONSTRUCTION
STA. 13+00.00 "S-4-A"

P.O.T. 7+00.00

BEGIN CONSTRUCTION
STA. 8+40.00 "S-4-A"

Incidental Construction

LOT 46
(Lawn)
P.I. 10+00.00 "S-4-A"
P.I. 865+61.89 "A"

P.O.T. 13+00.00

LINE "S-4-A"
Sec. Line

SOUTHPORT RD.
N 88° 38' 46" E

LINE "S-4-A"
Sec. Line

STRUCTURE No. 573
See Sheet No. 42

WILLIE E. GUFFY

DELBERT C. & MARIE L. BETZLER

STRUCTURE No. 574
See Sheet No. 42

LEGEND

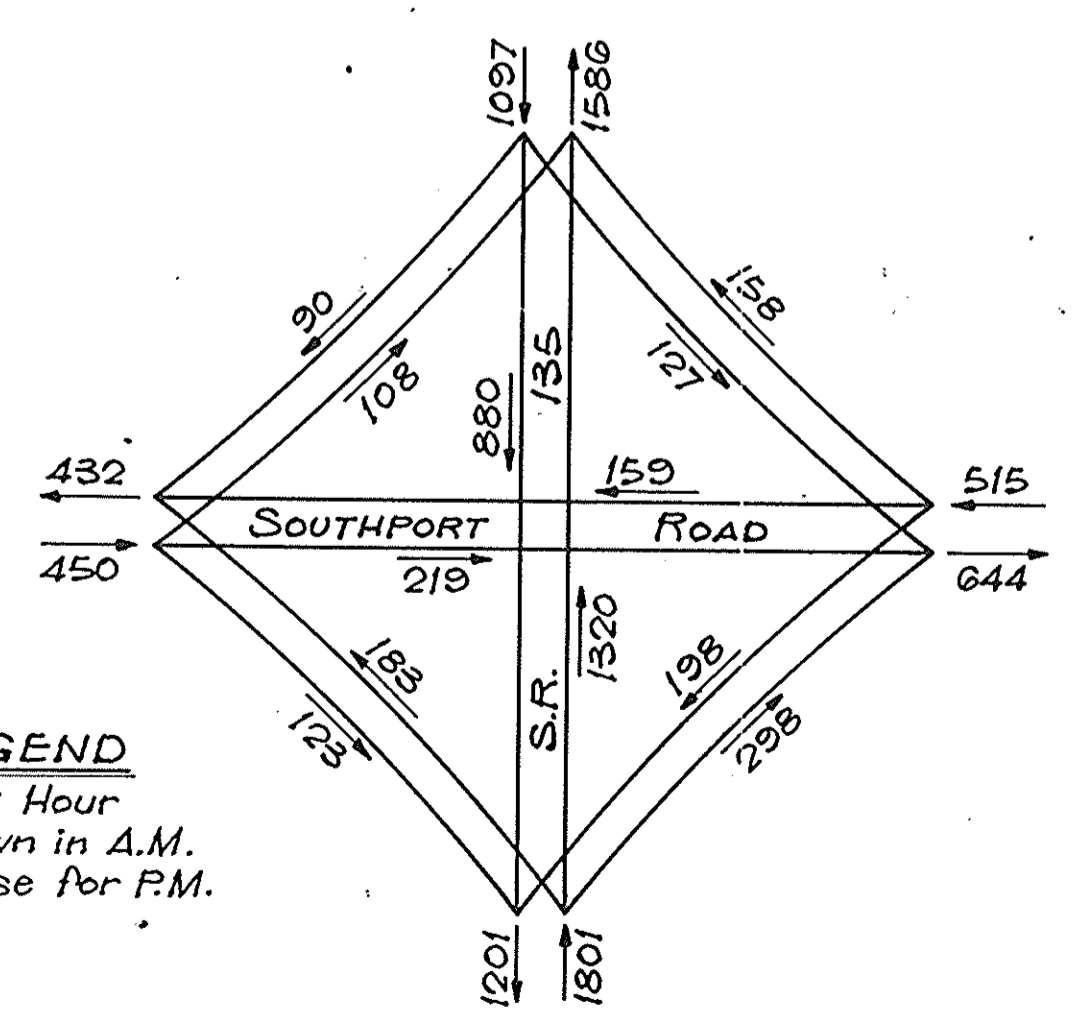
- (A) 110#/Syd. Bitum. Surface on 220#/Syd. Bitum. Binder on 990#/Syd. Bitum. Base on 440#/Syd. Bitum. Base No. 5D
- (A₁) Reinforced Concrete Pavement, 10"
- (B) 110#/Syd. Bitum. Surface on 220#/Syd. Bitum. Binder on 495#/Syd. Bitum. Base on 495#/Syd. Bitum. Base No. 5D
- (C) 6" Cement Concrete Pavement for Driveways
- (D) 330#/Syd. Bit. Mix. for Appr. on 3" Type "O" C.A.B. No. 53
- (E) 330#/Syd. Bit. Mix. for Appr. on 5" Type "O" C.A.B. No. 53
- (G) 110#/Syd. Bit. Surf. on 220#/Syd. Bit. Binder on Wedge & Level Course
- (H) 110#/Syd. Bitum. Surface
- (J) 6" Comp. Aggr. for Surface, Type "O", Size No. 73
- (K) 1320#/Syd. Bit. Mix. for Approaches
- (L) 110#/Syd. Bit. Mix. for Approaches
- (S) Sodding
- (B) Concrete Curb
- (14) Integral Concrete Curb
- (15) Combined Conc. Curb & Gutter
- (2) Concrete Center Curb, Type "D"
- (27) Monolithic Curb

STRUCTURE No. 572
See Sheet No. 42

VINCENT J. & JEANETTE RAMANO

STRUCTURE No. 571
See Sheet No. 42

STRUCTURE No. 575
See Sheet No. 42

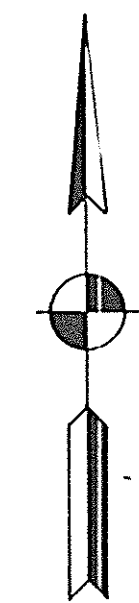


LEGEND
Peak Hour
Shown in A.M.
Reverse for P.M.

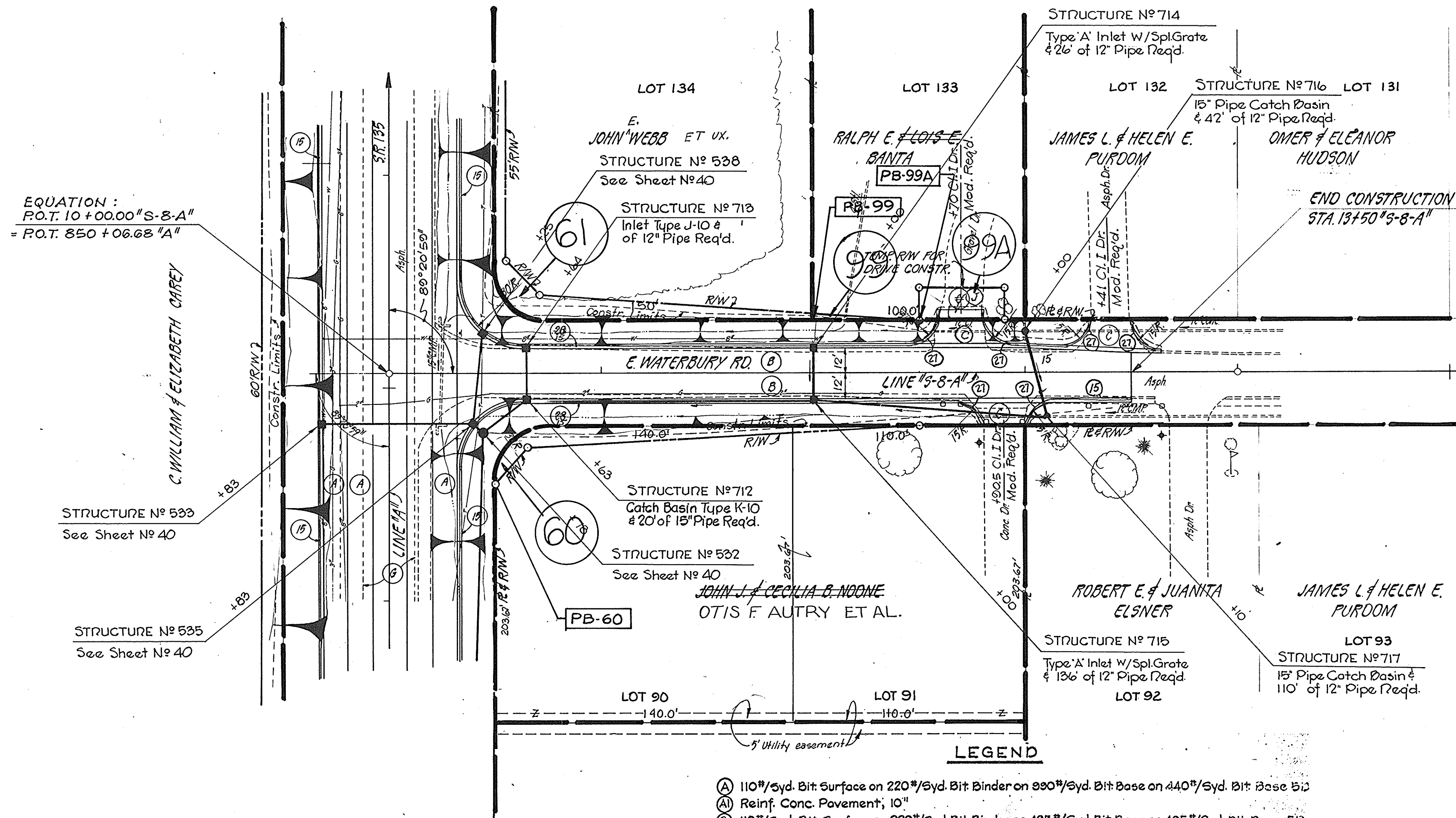
TRAFFIC DIAGRAM

**LINE "S-4-A"
(SOUTHPORT ROAD)
DETAILS**
Scale: 1" = 30'

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B414(1)	1989	52	70



EQUATION:
 $P.O.T. 10 + 00.00 "S-8-A"$
 $= P.O.T. 850 + 06.68 "A"$



LEGEND

- (A) 110#/Syd. Bit. Surface on 220#/Syd. Bit. Binder on 990#/Syd. Bit. Base on 440#/Syd. Bit. Base 51
- (A1) Reinf. Conc. Pavement, 10"
- (B) 110#/Syd. Bit. Surface on 220#/Syd. Bit. Binder on 495#/Syd. Bit. Base on 495#/Syd. Bit. Base 51
- (C) 6" Cement Conc. Pavement for Driveways
- (D) 330#/Syd. Bit. Mix for Appr. on 3" Type "O" C.A.B. No. 53
- (E) 330#/Syd. Bit. Mix for Appr. on 5" Type "O" C.A.B. No. 53
- (J) 6" Comp. Aggr. for Surface, Type "O", Size No. 73
- (K) 1320#/Syd. Bit. Mix for Appr.
- (L) 110#/Syd. Bit. Mix for Appr.
- (S) Sodding
- (B) Conc. Curb
- (14) Integral Conc. Curb
- (15) Comb. Conc. Curb & Gutter
- (27) Monolithic Curb
- (28) Conc. Roll Curb

(LINE "S-8-A")
E. WATERBURY ROAD
DETAILS
 Scale: 1"=30'

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B-414(1)	1989	56	70

SUMMARY OF QUANTITIES AND APPROACH TABLE

LOCATION (STATION)	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH "W"	LENGTH "L"	DISTANCE BEYOND R/W LINE	RADIUS "R"	GRADE (LESS THAN 10% NOT SHOWN)	EXCAVATION		BITUM. MIXT. FOR APPROACHES	BITUMINOUS MATERIAL FOR ROADS					BITUMINOUS MIXTURE FOR APPROACHES			BITUMINOUS BASE #53B	CEMENT CONCRETE PAVEMENT FOR DRIVEWAY 5'	BITUMINOUS MATERIAL FOR:			TYPE "O" COMPACTED AGGREGATE FOR BASE NO. 53				TYPE "O" COMPACTED AGGREGATE FOR SURFACE NO. 73		CALCIUM CHLORIDE	COVER AGGREGATE	REINF. CEMENT CONC. PAVEMENT	REINF. CEMENT CONC. PAVEMENT	BITUMINOUS STABILIZED SUBBASE	SUBBASE	SURFACE BEYOND R/W LINE				REMARKS			
							CUT	FILL		SYS.	LBS. PER SYD.				LBS. PER SYD.					SEAL COAT	PRIME COAT	TACK COAT	3"	5"	SYS.	SYS.	6"	SYS.							TONS	TONS	SYS.	SYS.		TONS	TONS	CONCRETE
											110*	495*	495*	220*	110*	330*	1320*																									
							FEET	FEET		FEET	FEET	%	%	CYS.	SYS.	SYS.	SYS.			SYS.	SYS.	SYS.	TONS	SYS.	TONS	TONS	TONS	SYS.							SYS.	SYS.	SYS.	TONS		TONS	SYS.	SYS.
887+72.5'A" Lt.	Street Appr.	26	50.5	-	2@30													X	X															Loretta Dr.								
880+71'A" Lt.	Cl. I Dr.	11	21.5	3.5	20-10														X	X																						
800+14.5'A" Lt.	Cl. I Dr.	15	21	3	20-10														X	X																						
802+23.8'A" Lt.	Street Appr.	36	100.5	-	2@40															X															Banta Rd.							
802+23.8'A" Rt.	Street Appr.	36	141.5	-	2@40															X															Banta Rd.							
805+54.5'A" Rt.	Cl. I Dr.	11	18	-	20-10															X																						
805+03'A" Lt.	Cl. I Dr.	10.5	18	-	20-10															X																						
807+27.5'A" Lt.	Cl. I Dr.	11	18	-	20-10															X																						
808+44'A" Lt.	Cl. I Dr.	16	28.5	10.5	20-10															X																						
808+85'A" Lt.	Cl. I Dr.	10	23	5	20-10														X																							
809+06.5'A" Rt.	Street Appr.	31	37	-	2@30															X																Banta Trail						
901+06.5'A" Lt.	Street Appr.	27	31.5	-	2@30															X																Dahlia Lane						
902+56'A" Rt.	Cl. I Dr.	17	18	-	20-10															X																						
903+20'A" Lt.	Cl. III Dr.	20	18	-	20-10															X																						
903+60'A" Rt.	Street Appr.	26	51.5	-	2@30														X	X																Cragmont Dr.						
904+00'A" Lt.	Cl. I Dr.	11	18	-	20-10															X																						
906+01'PR-A" Lt.	Cl. I Dr.	20	17.44	-	2@10															X																						
907+01.5'PR-A" Lt.	Cl. I Dr.	20	17.41	-	20-10															X																						
907+86'PR-A" Lt.	Cl. III Dr.	20	52.15	35	20-10															X																						
908+40.5'PR-A" Rt.	Street Appr.	26	51.5	-	2@30														X	X																Beechwood Ln.						
900+51.5'PR-A" Lt.	Cl. I Dr.	13	41.08	-	20-10															X																						
909+06'PR-A" Rt.	Cl. I Dr.	10	30.41	-	20-10															X																						
911+46.5'PR-A" Rt.	Cl. I Dr.	21	21.5	-	20-10															X																						
915+07'A" Lt (2)	Cl. I Dr.	12	8																																							
915+37'A" Rt (2)	Cl. I Dr.	13	10																																							
916+01'A" Rt (2)	Cl. I Dr.	13	10																																							

① INDICATES MAINLINE QUANTITIES
 ② INDICATES INCIDENTAL CONSTRUCTION

* 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
	IND.	MAM-B-414(1)	1989	57	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" 15' BORROW FOR STR. BACKFILL	BACKFILL METHOD	GAGES OR THICKNESS		VELOCITY	RIPRAP	PIPE END SECTION	REINF. STEEL	REMARKS	CONNECT TO STR. NO.	
									UP	DOWN	DOWN			STEEL	ALUM.							
									ELEV.	ELEV.	ELEV.											
277	759+70	✓			12	L INLET TYPE J-IO	104'	3.5'	743.09	742.78	33					2					278	
278	759+71	✓			18	L INLET TYPE K-IO	326'	8'	741.11	739.87	463					4						282
279	761+00	✓			12	L 15" PIPE CATCH BASIN	4'	7'	741.11	740.90	4											
* 280	763+00	✓			12	L INLET TYPE J-IO	68'	3.5'	745.50	745.02	22					4						281
* 281	763+00	✓			15	L CATCH BASIN TYPE K-IO	3'	3'	744.77	744.73	2					6						282
282	763+00	✓			24	L MANHOLE TYPE H-4	206'	9'	738.20	737.58	388					4						287
283	763+00	✓			12	L 15" PIPE CATCH BASIN	4'	3'	744.75	744.73	2					3						282
284	764+25	✓			12	L 15" PIPE CATCH BASIN	3'	7'	738.09	738.08	3					3						
* 285	765+10	✓			12	L INLET TYPE J-IO	64'	3.5'	744.50	744.31	20					2						286
* 286	765+10	✓			12	L CATCH BASIN TYPE K-IO	3'	3'	744.06	744.02	2					5						287
287	765+10	✓			24	L MANHOLE TYPE H-4	330'	9'	735.91	734.26	622					5						297
288																						
289	765+15	✓			12	L 15" PIPE CATCH BASIN	4'	2'	744.03	744.02	2					2						287
290	766+56	✓			15	L 15" PIPE CATCH BASIN	7'	7'	739.20	735.18	8					4						
291	766+75	✓				MANHOLE IN PLACE														ADJUST CASTING TO GRADE		
292	767+83	✓			15	L 15" PIPE CATCH BASIN	52'	3'	739.56	739.25	26					4						296
293	767+88	✓			12	L INLET TYPE J-IO	48'		741.19	741.05	21					2						295
* 294	768+38	✓			12	L INLET TYPE J-IO	70'	3.5'	741.00	740.80	22					2						295
295	768+38	✓			12	L CATCH BASIN TYPE K-IO	5'	3'	740.55	740.53	2					4						297
296	768+38	✓			18	L CATCH BASIN TYPE G-7	6'	3'	739.00	738.97	3					4						297
297	768+44	✓			30	L MANHOLE TYPE H-4	172'	9'	732.59	731.95	399					5						301
298																						
299	769+50	✓			12	L 12" PIPE CATCH BASIN	6'	3'			3									INTERCEPTS EXIST. 4" ROOF DRAIN		
300	770+05	✓				MANHOLE IN PLACE														RECONSTRUCT MANHOLE		
301	770+20	✓			30	MANHOLE TYPE H-4	244'	9'	730.28	729.38	565					5						308
302	770+26	✓			12	L 15" PIPE CATCH BASIN	15'	5'	736.00	735.92	9					4						301
* 303	771+88	✓			12	L INLET TYPE J-IO	66'	3.5'	737.50	737.30	21					2						304
304	771+88	✓			12	L INLET TYPE M-IO	68'	3'	737.05	736.40	30					4						306
305	771+88	✓			15	L INLET TYPE E-7	72'	3'	737.00	736.32	36											307
306	772+60	✓			12	L CATCH BASIN TYPE K-IO	5'	3'	736.15	736.10	2					4						308
307	772+60	✓			18	L CATCH BASIN TYPE G-7	5'	3'	736.00	735.94	3					6						308
308	772+68	✓			36	L MANHOLE TYPE H-4	253'	9'	727.71	727.00	701					5						
309	772+88	✓			12	L 12" PIPE CATCH BASIN	4'	6'			4									INTERCEPTS 4" P.V.C.		
310	773+30	✓				MANHOLE IN PLACE														ADJUST CASTING TO GRADE		
311	774+00	✓			12	L 15" PIPE CATCH BASIN	20'	7'	733.80	733.74	20									INTERCEPTS 4" P.V.C.		

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" 15' BORROW FOR STR. BACKFILL	BACKFILL METHOD	GAGES OR THICKNESS		VELOCITY	RIPRAP	PIPE END SECTION	REINF. STEEL	REMARKS	CONNECT TO STR. NO.	
									UP	DOWN	DOWN			STEEL	ALUM.							
									ELEV.	ELEV.	ELEV.											
312																						
313	774+10	✓			12	L 15" PIPE CATCH BASIN	4'															
314	774+20	✓			12	L INLET TYPE M-IO	80'	4'	733.49	733.25	46					2						319
315	774+42	✓			12	L 12" PIPE CATCH BASIN	6'													INTERSECTS EXIST. 4" DRAIN		
316	774+70	✓			12	L 12" PIPE CATCH BASIN	6'													INTERSECTS EXIST. 4" DRAIN		
317	774+90	✓			12	L 12" PIPE CATCH BASIN	6'													INTERSECTS EXIST. 4" DRAIN		
318																						
319	775+04	✓			12	L INLET TYPE M-IO	74'	4.5'	733.00	732.78	33											320
* 320	775+25	✓			12	L CATCH BASIN TYPE K-IO	4'	4'	732.53	732.51	2											321
321	775+25	✓			36	L MANHOLE TYPE H-4	135'	13'	723.70	723.33	539											326
322	775+57	✓			12	L 12" PIPE CATCH BASIN	6'													INTERSECTS EXIST. 4" DRAIN		
323																						
324	776+60	✓			12	L 15" PIPE CATCH BASIN	82'	2'	732.00	731.75	26											332
325	776+60	✓			24	L INLET TYPE E-7	3'	2'	731.00	730.91	4											327
326	776+64	✓			42	L MANHOLE TYPE K-4	387'	9'	721.66	720.49	1254											336
327	776+66	✓			12	L 12" PIPE CATCH BASIN	12'													INTERSECTS EXIST. 6" DRAIN		
328	776+69	✓			12	L CATCH BASIN TYPE K-IO	3'	5'	730.63	730.62	2											326
329	777+25	✓			12	L INLET TYPE M-IO	52'	4'	731.04	730.88	30					2						328
330	777+30	✓			15	L 15" PIPE CATCH BASIN	4'	8'			5					3						
331																						
332	777+45	✓			12	L INLET TYPE M-IO	72'	3.5'	731.50	731.29	23					2						329
333	778+48	✓			12	L 12" PIPE CATCH BASIN	6'													INTERSECTS EXIST. 1 1/2" P.V.C.		
* 334	780+40	✓			15	L CATCH BASIN TYPE K-IO	8'	3'	727.12	727.00	4					6						336
335	780+50	✓			12	L 15" PIPE CATCH BASIN	3'	2'	726.50	726.49	2					2						336
336	780+51	✓			42	L MANHOLE TYPE K-4	114'	8'	718.82	718.41	332					6						340
337	780+80	✓			12	L CATCH BASIN TYPE K-IO	28'	6'	724.64	724.56	24					2						336
338	781+20	✓			12	L INLET TYPE J-IO	36'	4'	725.00	724.89	21					2						337
339																						
340	781+34	✓			42	L MANHOLE TYPE K-4	192'	9.5'	716.64	716.05	559					6						343
* 341	781+35	✓			12	L CATCH BASIN TYPE K-IO	4'	3'	725.00	724.99	2					2						340
342																						

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.A./R.I.--FULLY BITUMINOUS COATED CORRUGATED ALUMINUM ALLOY WITH PAVED INVERT.	F.B.C.C.A.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.C.A.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.
*-----ONE SLOTTED VAIN DRAIN	S.R.S.A.--STRUCTURAL PLATE STEEL ARCH.
**-----TWO SLOTTED VAIN DRAINS	

* 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
	IND.	MAM-B 414(1)	1989	58	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" 15' BORROW FOR STR. BACKFILL	BACKFILL METHOD	GAGES OR THICKNESS		VELOCITY	RIPRAP	PIPE END SECTION	REINF. STEEL	REMARKS	CONNECT TO STR. NO.		
									UP STREAM	DOWN STREAM	STEEL	ALUM.			ELEV.	ELEV.							CU.YDS.	CU.YDS.
343	783+30	✓			42	L MANHOLE TYPE K-4	166'	9'	714.38	713.79		538				6						346		
* 344	783+30	✓			12	L CATCH BASIN TYPE K-10	3'	4'	726.75	726.74		2				2						343		
* 345	783+30		✓		12	L INLET TYPE J-10	64'	3.5'	727.19	727.00		20				2						344		
346	785+00	✓			42	L MANHOLE TYPE K-4	32'	6'	712.12	712.00		73				6								
* 347	785+00	✓			12	L CATCH BASIN TYPE K-10	3'	3'	722.35	722.34		2				3						346		
* 348	785+00		✓		12	L INLET TYPE J-10	64'	2.5'	722.79	722.60		13				2						347		
349	785+16	✓				MANHOLE IN PLACE															ADJUST CASTING TO GRADE			
350	785+25.87		✓																					
350A	785+50	✓			6	F.B.C.C.S. PIPE	25'	1'				1	B								{INTERCEPTS EXIST. 4" CONC. PIPE DRAIN			
351	785+36.13		✓																					
352	788+25	✓			15	D PIPE	40'														2			
* 353	788+52	✓			12	L INLET TYPE J-10	64'	2.5'	721.00	720.81		13				2						354		
* 354	788+52	✓	✓		12	L CATCH BASIN TYPE K-10	242'	1'	720.56	719.28		48				3						359		
355	788+65	✓			12	L 12" PIPE CATCH BASIN	20'														INTERCEPTS EXIST. 8" V.C.P.			
356	788+81	✓				MANHOLE IN PLACE															ADJUST CASTING TO GRADE			
357	790+92	✓			12	L INLET TYPE B-15	64'	2.5'	720.31	720.00		13				3						358		
358	790+92		✓		15	L CATCH BASIN TYPE C-15	3'	3'	719.75	719.13		2				4						359		
359	790+98	✓			18	L MANHOLE TYPE H-4	50'	3'	717.21	717.00		28												
360	791+62		✓			2-5'x5' REINF. CONC. BOX	92'	9'	716.50	715.97						6								
361																								
362	791+97.5	✓				MANHOLE IN PLACE															RECONSTRUCT MANHOLE			
363	792+39	✓				MANHOLE IN PLACE															RECONSTRUCT MANHOLE			
* 364	793+50		✓		12	L CATCH BASIN TYPE K-10	3'	3'	722.31	722.37		2				6						365		
365	793+50	✓			36	L MANHOLE TYPE J-4	185'		718.76	717.00						9								
366	793+75	✓			12	L INLET TYPE M-10	74'	4'	723.17	722.95		33				2						364		
367	794+30	✓			12	L INLET TYPE J-10	54'		723.34	723.18		24				2						366		
368	795+64	✓				MANHOLE IN PLACE															RECONSTRUCT MANHOLE			
* 369	796+00	✓			12	L INLET TYPE J-10	64'	3'	726.17	725.98		20				2						370		
370	796+00	✓			12	L CATCH BASIN TYPE K-10	3'	4'	725.73	725.67		2				6						371		
371	796+00	✓			36	L MANHOLE TYPE J-4	245'	6'	721.13	718.76		470				8						365		
372	798+05	✓			36	L MANHOLE TYPE J-4	282'	6'	723.65	721.13		502				8						371		
373	798+08	✓			12	L INLET TYPE M-10	74'	3'	728.49	728.26		24				2						374		
374	798+68	✓			12	L CATCH BASIN TYPE K-10	3'		728.01	727.99		2				4						372		
375	798+92	✓				MANHOLE IN PLACE																		
376																								
377	799+47	✓				MANHOLE TYPE M-4															CONN. TO EXIST. 72"x44" ARCH PIPE REMOVE EXIST. HDW'LL.			
378	799+48	✓			12	L INLET TYPE J-10	74'	4'	728.49	728.26		43				2						374		

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" 15' BORROW FOR STR. BACKFILL	BACKFILL METHOD	GAGES OR THICKNESS		VELOCITY	RIPRAP	PIPE END SECTION	REINF. STEEL	REMARKS	CONNECT TO STR. NO.		
									UP STREAM	DOWN STREAM	STEEL	ALUM.			ELEV.	ELEV.							CU.YDS.	CU.YDS.
379	799+49	✓			12	L INLET TYPE J-10	80'	3'	728.74	728.50		36				2						373		
380	799+76	✓			60	L MANHOLE TYPE N-4	94'		723.49	723.08												377		
381																								
382	800+00		✓		60	L MANHOLE TYPE M-4	76'	6.5'	723.83	723.49		168										380		
					36	L	128'															372		
383																								
384	801+50	✓				CATCH BASIN TYPE E-7						2										385		
385	801+50	✓			54	L MANHOLE TYPE L-4	166'	4'	724.67	723.99		379										380		
* 386	801+50	✓			12	L CATCH BASIN TYPE K-10	4'	3'	749.49			2									I-ELBOW REQ'D.	385		
* 387	801+50	✓			12	L CATCH BASIN TYPE K-10	6'	3'				3									I-ELBOW REQ'D.			
388	801+50	✓			12	L CATCH BASIN TYPE E-7	6'	1'													I-ELBOW REQ'D.	382		
388A	801+50	✓			12	L CATCH BASIN TYPE E-7	6'	2'	728.60	728.50		2	A									388		
389	802+10	✓			12	L 15" PIPE CATCH BASIN	4'	3'	729.40			2									I-ELBOW REQ'D.			
390	802+60	✓			12	L 12" PIPE CATCH BASIN	36'														INTERCEPTS EXIST. 4" P.V.C.			
391	802+90	✓				EXISTING MANHOLE															ADJUST MANHOLE TO GRADE			
* 392	803+00	✓			12	L INLET TYPE K-10	6'															393		
393	803+00	✓			60	L MANHOLE TYPE M-4	292'		725.33	723.83												382		
394	803+00	✓			12	L CATCH BASIN TYPE E-7	3'	1'														393		
395	803+61	✓			54	L MANHOLE TYPE L-4	204'	5'	725.47	724.67		543										385		
396	803+64	✓			15	L 24" PIPE CATCH BASIN	2'	2'	730.00	729.98		2										395		
* 397	803+64	✓			12	L CATCH BASIN TYPE K-10	3'	4'	730.40	730.38		2										395		
398	804+50	✓			12	L CATCH BASIN TYPE E-7	6'	2'				2												
399																								
400	805+35	✓			12	L 15" PIPE CATCH BASIN	2'	4'	730.0	729.98		2										401		
401	805+35	✓			54	L MANHOLE TYPE L-4	174'	5'	725.99	725.47		463										395		
* 402	805+35	✓			12	L CATCH BASIN TYPE K-10	3'	4'	731.80	731.78		2										401		
403	805+50	✓			60	PIPE	246'	3'				544										393		
404	805+52	✓			15		12'														EXTEND EXIST. PIPE TO HDW'LL			
405	806+25	✓			12	L 12" PIPE CATCH BASIN	4'														INTERCEPTS EXIST. 4" DRAIN			
406	806+50	4'			66	L MANHOLE TYPE M-4	89'	3.5'	728.13	727.35		246	A											
406A	806+09	✓				EXISTING MANHOLE															RECONSTRUCT MANHOLE TO BE REMOVED (BY OTHERS)			
406B	806+50	✓																						

* 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
	IND.	MAM-B-414(1)	1989	59	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"	18" BORROW FOR STR. BACKFILL	BACKFILL METHOD	GAGES OR THICKNESS		VELOCITY	RIPRAP	PIPE END SECTION	REINF. STEEL	REMARKS	CONNECT TO STR. NO.	
									COVER	UP STREAM	DOWN STREAM	ELEV.				ELEV.	STEEL							ALUM.
									SYS.	EA.	LBS.													
410	807+38	✓			18	L 24" PIPE CATCH BASIN	4'	3'	732.00	731.96		2						6				409		
411	808+03		55'		66	L MANHOLE TYPE M-A	205'	3'	729.83	728.13		519	A										406	
412	808+63	✓			12	L INLET TYPE K-10	14'	3'	734.20	734.06		6											413	
413	808+20	✓			5'x5'	RIENE CONC. BOX	66'		731.67	731.02								7						
414	809+14	✓			12	L CATCH BASIN TYPE K-10	14'	2'	734.40	734.26		5											413	
*415	809+72	✓			12	L CATCH BASIN TYPE K-10	3'	2'	735.51	735.50		2						2					416	
416	809+78	✓			54	L MANHOLE TYPE L-4	240'		728.90	728.27		731						6					409	
417	809+83	✓			15	L 18" PIPE CATCH BASIN	3'	6'	736.00	735.96		2						6					416	
418																								
419	811+59	✓			12	L INLET TYPE J-10	70'	4'	736.30	736.03		41						2					421	
420	811+63	✓			12	L INLET TYPE J-10	74'	4'	736.30	736.08		43						2					423	
421	812+28	✓			12	L INLET TYPE K-10	20'	2'	733.90	733.80		6						3					425	
422	812+31	✓			12	L CATCH BASIN TYPE K-10	4'	4'	735.83	732.82		2						2					424	
423	812+38	✓			18	L CATCH BASIN TYPE G-7	4'	4'	734.50	734.44		3						7					424	
424	812+40	✓			54	L MANHOLE TYPE M-4	258'	7'	729.58	728.90		887						6					416	
425	812+50	✓			24	L CATCH BASIN TYPE G-7	14'	3'	732.80	732.64		10						6					426	
426	812+59	✓			42	MANHOLE TYPE J-4	106'	7.5'	730.79	730.58		241						5					424	
427	812+64	✓				MANHOLE IN PLACE															RECONSTRUCT MANHOLE			
428	813+39	✓				MANHOLE IN PLACE															RECONSTRUCT MANHOLE			
429	813+90	✓			12	L 15" PIPE CATCH BASIN	6'																	
430																								
431	814+80	✓			12	L CATCH BASIN TYPE K-10	5'	3'	738.60	738.54		2						2					432	
432	814+80	✓			36	L MANHOLE TYPE H-4	218'	7'	731.73	731.29		478						4					426	
433	814+80	✓			12	L 15" PIPE CATCH BASIN	14'	4'	736.00	735.82		8						5					432	
434	815+07	✓			24	L MANHOLE TYPE H-4	3'	5'	736.02	736.00		3						6			INTERCEPT EXIST. 24" R.C.P.		435	
435	815+07	✓			42	L MANHOLE TYPE K-4	264'	7'	731.11	730.58		684						5					424	
*436	815+07	✓			12	L CATCH BASIN TYPE K-10	3'	4'	737.23	737.22		2						2					435	
437	815+24	✓			15	L 24" PIPE CATCH BASIN	12'	4'	736.88	736.77		8						5					434	
438	815+70	✓			15	L 18" PIPE CATCH BASIN	8'	5'				6												
439	816+15	✓				MANHOLE IN PLACE															RECONSTRUCT MANHOLE			
*440	817+20	✓			12	L CATCH BASIN TYPE K-10	3'	3'	739.46	739.45		2						2					441	
441	817+20	✓			30	L MANHOLE TYPE H-4	236'	6'	734.27	733.40		373						5					432	
442	817+20	✓			15	L 18" PIPE CATCH BASIN	8'	4.5'	735.57	735.52		6						6					441	
*443	817+95	✓			12	L CATCH BASIN TYPE K-10	3'	3'	739.80	739.79		2						2					445	
444	818+00	✓			15	L 18" PIPE CATCH BASIN	8'	4'	737.10	737.06		5						4					445	
445	818+00	✓			30	L MANHOLE TYPE H-4	290'	7'	733.85	732.78		527						5					435	
446	819+07	✓			12	L CATCH BASIN TYPE K-10	3'	3'	740.65	740.64		2						2					447	

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"	18" BORROW FOR STR. BACKFILL	BACKFILL METHOD	GAGES OR THICKNESS		VELOCITY	RIPRAP	PIPE END SECTION	REINF. STEEL	REMARKS	CONNECT TO STR. NO.	
									COVER	UP STREAM	DOWN STREAM	ELEV.				ELEV.	STEEL							ALUM.
									SYS.	EA.	LBS.													
447	819+07	✓			24	L MANHOLE TYPE H-4	184'	6'	735.69	734.77		232						5					441	
448	819+07	✓			12	L 15" PIPE CATCH BASIN	8'	4'	738.46	738.40		5						4					447	
449																								
450	819+60	✓				MANHOLE IN PLACE															RECONSTRUCT MANHOLE			
*451	820+60	✓			12	L CATCH BASIN TYPE K-10	3'	3'	743.12	743.11		2						2					452	
452	820+60	✓			24	L MANHOLE TYPE H-4	150'	7'	737.93	737.36		219						4					447	
453	820+60	✓			12	L 15" PIPE CATCH BASIN	3'	4'	740.64	740.60		2						3					452	
454	820+65	✓			12	L 15" PIPE CATCH BASIN	7'	4'	740.80	740.71		4						5					455	
455	820+65	✓			30	L MANHOLE TYPE H-4	262'	7'	736.09	735.33		477						4					445	
*456	820+65	✓			12	L CATCH BASIN TYPE K-10	3'	3'	743.20	743.19		2						2					455	
457	822+32	✓			15	PIPE	45'														(THERE IS NO STRUCTURE NO. 457)			
458																								
459	822+65	✓			15	L 18" PIPE CATCH BASIN	5'	10'	739.02			8						5						
*460	822+65	✓			12	L INLET TYPE K-10	3'	3'	740.21	740.20		2						3					461	
461	822+65	✓			24	L MANHOLE TYPE H-4	202'	7'	740.17	739.60		6.5						4					452	
462	822+65	✓			12	L 15" PIPE CATCH BASIN	9'	3'	745.80	745.77		4						2					461	
463	823+50	✓			15	L 24" PIPE CATCH BASIN	3'	4'	741.78	741.75		2						4					464	
464	823+50	✓			24	L DROP MANHOLE TYPE G-4	282'		739.54	737.76								6					455	
*465	823+50	✓			12	L CATCH BASIN TYPE K-10	3'	3'	749.21	749.20		2						2					464	
*466	823+50	✓			12	L INLET TYPE K-10	2'	3'	749.21	749.20		2											467	
467	823+50	✓			18	L MANHOLE TYPE H-4	85'	8'				121											461	
468	823+50	✓			12	L 15" PIPE CATCH BASIN	7'	5'	746.80	746.77		5						3					467	
469																								
470	825+29	✓			18	L DROP MANHOLE TYPE G-4	176'	6'	747.58	747.00		187						3					464	
471	825+33	✓			18	L DROP MANHOLE TYPE G-4	179'		743.79	741.84		360						5					467	
472	825+34	✓			12	L CATCH BASIN TYPE K-10	3'	3'	753.09	753.06		2						4					470	
473	825+39	✓			15	L CATCH BASIN TYPE K-10	4'	3'	753.31	753.29		2						4					471	
474																								
475	825+88.4	✓			12	L INLET TYPE J-10	54'	2'	754.27	753.34		17						4					472	
476	826+02	✓			15	L INLET TYPE J-10	62'	3'	753.93	753.56		31						4					473	
477	826+80	✓			12	L CATCH BASIN TYPE K-10	8'																	
*478	827+55	✓			12	L CATCH BASIN TYPE K-10	222'	2'	755.97	751.50		71						4					470	

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.A./R.I.--FULLY BITUMINOUS COATED CORRUGATED ALUMINUM ALLOY WITH PAVED INVERT.	F.B.C.C.A.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.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.
*--ONE SLOTTED VAIN DRAIN	S.P.S.A.--STRUCTURAL PLATE STEEL ARCH.
**--TWO SLOTTED VAIN DRAINS	

* 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
	IND.	MAM-B 414 (1)	1989	60	70

STRUCTURE NUMBER	LOCATION	LEFT	RIGHT	CROSS	SIZE INCHES	DESCRIPTION SEE ST'D. SHEET "MP" FOR ACCEPTABLE TYPE OF PIPE WITHIN EACH GROUP.	LENGTH	SKEW	FLOW LINE				CONCRETE CLASS "A"	18" BORROW FOR STR. BACKFILL	BACKFILL METHOD	GAGES OR THICKNESS		VELOCITY	RIPRAP	PIPE END SECTION	REINF. STEEL	REMARKS	CONNECT TO STR. NO.
									UP	DOWN	CONCRETE	CLASS "A"				STEEL	ALUM.						
									ELEV.	ELEV.	CU.YDS.	CU.YDS.				STEEL	ALUM.						
479	828+23		✓		12	L DROP MANHOLE TYPE C-4	286'		10	750.40	749.00		433					3					471
480	828+26		✓		12	L INLET TYPE K-10	3'	3'		758.69	758.61		2					3					479
481	828+75	✓			12	L 15" PIPE CATCH BASIN	11'	3'		759.68	759.64		5					2					
* 482	829+45	✓			12	L INLET TYPE M-10	186'	1'		760.85	757.64		37					2					478
483	829+50	✓			12	L 15" PIPE CATCH BASIN	14'	3'		760.89	760.86		6					2					482
* 484	830+00	✓			12	L INLET TYPE J-10	172'	3'		759.46	758.94		77					2					480
485																							
486	830+91	✓				MANHOLE IN PLACE															RECONSTRUCT MANHOLE		
487	832+70		✓		12	L 15" PIPE CATCH BASIN	106'	5'		761.48	761.17		76					2					488
488	833+80	✓			18	L CATCH BASIN TYPE F-7	118'	6'		759.50	758.80		125										495
489	833+90	✓				12" PIPE CATCH BASIN															INTERCEPTS EXISTING 4" P.V.C.		
490	834+48	✓			12	L 15" PIPE CATCH BASIN	4'	6'					3										
491																							
492	834+79	✓				EXISTING MANHOLE															RECONSTRUCT MANHOLE		
* 493	835+12	✓			12	L INLET TYPE J-10	80'	3'		762.09	761.85		25					2					494
* 494	835+63	✓			12	L CATCH BASIN TYPE K-10	4'	2'		761.56	761.53		2					4					495
495	835+67	✓			18	L MANHOLE TYPE H-4	128'	6'		757.13	756.64		136					4					498
496	836+96	✓			15	L CATCH BASIN TYPE E-7	4'	2'		759.16	759.13		2					5					498
497	836+99	✓			12	L CATCH BASIN TYPE K-10	4'	4'		758.30	758.28		2					3					498
498	836+99	✓			24	L MANHOLE TYPE H-4	246'	5'		756.14	755.21		262					4					505
* 499	837+45	✓			12	L INLET TYPE J-10	72'	3.5'		759.16	758.94		23					2					500
500	837+45	✓			12	L INLET TYPE M-10	46'	3'		758.94	758.55		21					2					497
501																							
502	838+75	✓			12	L 15" PIPE CATCH BASIN	6'	5'					4										
503	838+96	✓			42	L MANHOLE TYPE L-4	24'	3'		752.15	752.00		33								7 (THERE IS NO STRUCTURE NO 503)		
504	839+26	✓			15	D PIPE	30'														2		
505	839+49	✓			42	L MANHOLE TYPE L-4	90'	6.5'		752.55	752.12		177					7					503
506	839+51	✓			18	L INLET TYPE G-7	4'	2'		757.23	757.31		2					4					505
507	839+69	✓			12	L 12" PIPE CATCH BASIN	16'			757.53	757.48							2			INTERCEPTS EXIST. 4" C.P.		506
508	840+50	✓			12	L INLET TYPE C-15	152'	3'		758.04	756.58		68					4					503
509	840+50	✓			12	L INLET TYPE B-15	64'	3.5'		758.24	758.04		20					2					508
509A	840+50	✓			42	L MANHOLE TYPE K-4	94'	4'		753.96	753.71		156	A				5					505
510	841+02	✓			12	L INLET TYPE J-10	52'	4'		758.80	758.64		23					2					513
511	841+02	✓			12	L INLET TYPE J-10	52'	3'		758.80	758.64		23					2					514
512																							
513	841+57	✓			12	L INLET TYPE M-10	76'	3.5'		758.64	758.42		24					2					514
514	841+57	✓			12	L CATCH BASIN TYPE K-10	4'	3'		758.17	758.15		2					2					516
515	841+60	✓			15	L CATCH BASIN TYPE E-7	4'	2'		757.80	757.76		2					5					516

STRUCTURE NUMBER	LOCATION	LEFT	RIGHT	CROSS	SIZE INCHES	DESCRIPTION SEE ST'D. SHEET "MP" FOR ACCEPTABLE TYPE OF PIPE WITHIN EACH GROUP.	LENGTH	SKEW	FLOW LINE				CONCRETE CLASS "A"	18" BORROW FOR STR. BACKFILL	BACKFILL METHOD	GAGES OR THICKNESS		VELOCITY	RIPRAP	PIPE END SECTION	REINF. STEEL	REMARKS	CONNECT TO STR. NO.
									UP	DOWN	CONCRETE	CLASS "A"				STEEL	ALUM.						
									ELEV.	ELEV.	CU.YDS.	CU.YDS.				STEEL	ALUM.						
516	841+62	✓			42	L MANHOLE TYPE K-4	208'	4'		754.24	753.71		346					5					505
* 517	842+92	✓			12	L INLET TYPE J-10	64'	3.5'		759.00	758.81		20					2					518
* 518	842+92	✓			12	L CATCH BASIN TYPE K-10	4'	3'		758.56	758.54		2					3					519
519	842+92	✓			42	L MANHOLE TYPE K-4	126'	5'		754.49	754.24		248					5					516
520	842+94	✓			15	L CATCH BASIN TYPE E-7	6'	2'		758.36	758.28		2					6					519
521	843+98	✓			15	D PIPE	30'														2		
522	845+21	✓			15	L INLET TYPE E-7	56'	3'		759.25	759.04		28					3					526
* 523	845+22	✓			12	L INLET TYPE J-10	68'	3.5'		759.67	759.46		22					2					524
524	845+22	✓			12	L INLET TYPE M-10	52'	3'		759.46	759.31		23					2					525
525	845+80	✓			12	L CATCH BASIN TYPE K-10	3'	4'		759.06	758.94		2					8					527
526	845+80	✓			24	L INLET TYPE G-7	3'	3'		758.29	758.28		2					4					527
527	845+83	✓			36	L MANHOLE TYPE J-4	288'	5'		756.03	754.99		474					6					519
* 528	847+75	✓			12	L INLET TYPE J-10	64'	3.5'		761.83	761.63		20					2					529
* 529	847+75	✓			12	L CATCH BASIN TYPE K-10	4'	3'		761.38	761.31		2					6					530
530	847+75	✓			30	L MANHOLE TYPE H-4	188'	6'		756.89	756.53		297					4					527
531																							
532	849+78	✓			24	L MANHOLE TYPE H-4	202'	7'		758.16	757.39		295					4					529
* 533	849+83	✓			12	L INLET TYPE J-10	72'	3.5'		764.65	764.44		23					2					535
534																							
535	849+83	✓			15	L CATCH BASIN TYPE K-10		3'		763.90	763.84	3'	2					7					532
536																							
537																							
538	850+25	✓			15	L INLET TYPE M-10	46'	4'		764.75	764.15		30					6					535
539																							
540	854+08	✓			15	L INLET TYPE M-10	56'	3'		765.00	764.52		28					5					544
541	854+16	✓			12	L 18" PIPE CATCH BASIN	46'	6'		765.67	765.00		40					5			INTERCEPTS EXIST. 12" C.P.		540
542	854+49	✓			12	L CATCH BASIN TYPE K-10	26'	7'		762.50	762.25		27					4					545
543	854+55	✓			12	L 15" PIPE CATCH BASIN	8'	5'		765.27	765.25		6					4			INTERCEPTS EXIST. 15" R.C.P.		542
544	854+68	✓			15	L CATCH BASIN TYPE K-10	3'	4'		762.87	762.84		4					6					545
545	854+71	✓			18	L MANHOLE TYPE H-4	332'	12'		755.47	752.45		736					6					551
546	854+78	✓			12	L INLET TYPE M-10	72'	4.5'		763.34	763.12		32					2					544
547	855+35	✓			12	L INLET TYPE J-10	54'	4'		763.50	763.34		31					2					546

LEGEND FOR ABBREVIATION

FB.C.C.S./R.I.---FULLY BITUMINOUS COATED CORRUGATED STEEL WITH PAVED INVERT.	FB.C.S.A./R.I.---FULLY BITUMINOUS COATED CORRUGATED STEEL ARCH WITH PAVED INVERT.
FB.C.C.A.A./P.I.---FULLY BITUMINOUS COATED CORRUGATED ALUMINUM ALLOY WITH PAVED INVERT.	FB.C.C.A.A./R.I.---FULLY BITUMINOUS COATED CORRUGATED ALUMINUM ARCH WITH PAVED INVERT.
FB.C.C.S.-----FULLY BITUMINOUS COATED CORRUGATED STEEL.	FB.C.C.A.-----FULLY BITUMINOUS COATED CORRUGATED STEEL ARCH.
C.S.-----CORRUGATED STEEL.	FB.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.
*-----ONE SLOTTED VAIN DRAIN	S.P.S.A.-----STRUCTURAL PLATE STEEL ARCH.
*-----TWO SLOTTED VAIN DRAINS	

STRUCTURE DATA

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

* 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
IND.		MAM-B914(1)	1989	61	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"	1" BORROW FOR STR. BACKFILL	BACKFILL METHOD	GAGES OR THICKNESS		VELOCITY	RIPRAP	PIPE END SECTION	REINF. STEEL	REMARKS	CONNECT TO STR. NO.		
									COVER	UP STREAM	DOWN STREAM	STREAM				STEEL	ALUM.								
																								ELEV.	ELEV.
548	856+20		✓		12	L 12" PIPE CATCH BASIN	4'																INTERCEPTS EXIST. 4" CLAY PIPE		
* 549	857+00		✓		12	L INLET TYPE J-10	108'	5'	758.64	757.87		78						4						552	
550	857+35		✓			MANHOLE IN PLACE																		ADJUST CASTING TO GRADE	
551	858+07		✓		24	L MANHOLE TYPE H-4	328'	11'	750.78	750.00		760					4							563	
552	858+10		✓		12	L CATCH BASIN TYPE K-10	4'	5'	757.87	757.82		3					6							551	
553	858+14		✓		15	L CATCH BASIN TYPE F-7	8'	5'	758.19	758.09		6					6							551	
554	858+15		✓		12	L 15" PIPE CATCH BASIN	6'										2								
555	858+67		✓		12	L INLET TYPE M-10	54'	5'	758.28	758.12		39					2							552	
556	858+68		✓		12	L 15" PIPE CATCH BASIN	54'	2'	758.60	758.44		17					2							553	
* 557	858+81		✓		12	L INLET TYPE J-10	72'	3.5'	759.05	758.28		23					2							555	
558	859+26		✓		12	L 12" PIPE CATCH BASIN	4'																	INTERCEPTS EXIST. 4" P.V.C.	
559	860+31		✓			MANHOLE IN PLACE																		RECONSTRUCT MANHOLE	
560	860+32		✓		12	L 12" PIPE CATCH BASIN	4'																	INTERCEPTS EXIST. 4" P.V.C.	
* 561	861+35		✓		12	L INLET TYPE J-10	64'	3.5'	755.58	755.38		20					2							562	
* 562	861+35		✓		15	L CATCH BASIN TYPE K-10	4'	3'	755.13	755.10		2					6							563	
563	861+37		✓		36	L DROP MANHOLE TYPE D-4	220'	10'	744.89	744.28		674					5							569	
564	862+40		✓			EXISTING MANHOLE																		ADJUST CASTING TO GRADE	
565	862+30		✓			EXIST. 15" PIPE					0.2													REMOVE END SECTIONS & SEAL ENDS OF PIPE	
566	862+69		✓		12	L 15" PIPE CATCH BASIN	6'																	INTERCEPTS EXIST. 6" CLAY PIPE	
* 567	863+48		✓		12	L INLET TYPE J-10	78'	3.5'	753.00	752.77		25					2							568	
568	863+56		✓		12	L CATCH BASIN TYPE K-10	4'	4'	752.52	752.50		2					3							569	
569	863+60		✓		36	L MANHOLE TYPE J-4	158'	10'	742.61	742.57		484					4							574	
570																									
571	865+23		✓			MANHOLE IN PLACE																		ADJUST CASTING TO GRADE	
572	865+26		✓		12	L INLET TYPE M-10	102'	3'	750.30	749.99		46					2							575	
573	865+28		✓		15	L CATCH BASIN TYPE E-7	4'	4'	749.00	748.86		3					10							574	
574	865+32		✓		42	L MANHOLE TYPE K-4	330'	9.5'	740.60	740.08		1179					4							581	
575	865+33		✓		12	L CATCH BASIN TYPE K-10	2'	5'	749.50	749.48		2					4							574	
576	865+46		✓		12	L INLET TYPE J-10	68'	4'	750.50	750.30		39					2							572	
577	866+18		✓		12	L INLET TYPE J-10	78'	4'	750.00	749.75		45					2							575	
578																									
* 579	868+55		✓		12	L INLET TYPE J-10	72'	3.5'	747.50	747.29		23					2							580	
* 580	868+55		✓		12	L CATCH BASIN TYPE K-10	2'	3'	747.04	747.02		2					4							581	
581	868+55		✓		42	L MANHOLE TYPE K-4	240'	7'	738.41	737.93		622					5							584	
582	868+55		✓		12	L 24" PIPE CATCH BASIN	2'	4'	745.00	744.98		2					5							581	
583																									
584	870+99		✓		42	L MANHOLE TYPE K-4	248'	9'	736.26	735.64		803					5							593	

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"	1" BORROW FOR STR. BACKFILL	BACKFILL METHOD	GAGES OR THICKNESS		VELOCITY	RIPRAP	PIPE END SECTION	REINF. STEEL	REMARKS	CONNECT TO STR. NO.		
									COVER	UP STREAM	DOWN STREAM	STREAM				STEEL	ALUM.								
																								ELEV.	ELEV.
585	871+00		✓		15	L CATCH BASIN TYPE E-7	4'	2'	744.00	743.97		2					4							584	
* 586	871+02		✓		12	L INLET TYPE J-10	68'	3.5'	745.38	745.18		22					2							587	
587	871+02		✓		12	L CATCH BASIN TYPE K-10	2'	4'	744.55	744.54		2					4							584	
588	871+61		✓		12	L INLET TYPE J-10	56'	2'	744.97	744.80		18					2							587	
589	872+65		✓		12	L 12" PIPE CATCH BASIN	8'																	INTERCEPTS EXIST. 4" DRAIN	
590	873+49		✓		12	L INLET TYPE J-10	64'	3.5'	743.64	743.45		20					2							591	
591	873+49		✓		12	L CATCH BASIN TYPE K-10	2'	3'	743.20	743.19		2					2							593	
592	873+50		✓		12	L 15" PIPE CATCH BASIN	6'	3'	742.50	742.48		3					2							593	
593	873+51		✓		42	L MANHOLE TYPE K-4	270'	9'	733.97	733.30		875					5							600	
594	874+00		✓		12	L 15" PIPE CATCH BASIN	3'	9'				4													
595	874+41		✓		12	L 12" PIPE CATCH BASIN	6'																	INTERCEPTS EXIST. 2 1/2" STL. PIPE	
596	874+50		✓		12	L 12" PIPE CATCH BASIN	6'																	INTERCEPTS EXIST. 4" DRAIN.	
597	875+00		✓		12	L 15" PIPE CATCH BASIN	4'																		
598	875+38		✓		12	L INLET TYPE J-10	50'	3'	741.15	741.00		22					2							599	
599	875+93		✓		12	L INLET TYPE M-10	82'	5.5'	738.10	737.85		48												601	
600	876+25		✓		48	L MANHOLE TYPE K-4	294'	7'	732.80	732.27		883					5							612	
601	876+28		✓		12	L CATCH BASIN TYPE K-10	3'	6'	737.60	737.58		3					4							600	
602	876+28		✓		18	L INLET TYPE G-7	6'	5'	737.12	737.01		5					8							600	
603	876+84		✓		15	L INLET TYPE E-7	54'	3'	738.00	737.37		27					6							602	
604	876+87		✓		12	L 15" PIPE CATCH BASIN	96'	2'	738.40	738.11		31												599	
605	876+87		✓		12	L INLET TYPE J-10	58'	4'	739.70	739.53		34												601	
606																									
607	878+61		✓		15	D PIPE	30'																	2	
608	879+17		✓		12	L INLET TYPE E-7	20'	5'	735.23	725.17		14					2							609	
609	879+17		✓		15	L INLET TYPE C-15	64'	6.5'	734.91	734.60		52					4							610	
610	879+17		✓		15	L INLET TYPE C-15	4'	7'	734.58	734.54		5					5							612	
611	879+17		✓			CATCH BASIN TYPE F-7		4'	734.32	734.27		14													
612	879+23		✓		54	L MANHOLE TYPE L-4	210'	7'	731.77	731.37		928					5							615	
613																									
* 614	882+00		✓		12	L CATCH BASIN TYPE K-10	3'	3'	740.01	739.97		2					5							615	
615	882+00		✓		54	L MANHOLE TYPE L-4	298'	10'	731.37	730.94		1385					5							624	
616	882+00		✓		12	L 15" PIPE CATCH BASIN	6'	3'	736.87	736.83		3					5							615	

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.A./P.I.--FULLY BITUMINOUS COATED CORRUGATED ALUMINUM ALLOY WITH PAVED INVERT.	F.B.C.C.A.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.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.
*-----ONE SLOTTED VAIN DRAIN	S.P.S.A.-----STRUCTURAL PLATE STEEL ARCH.
**-----TWO SLOTTED VAIN DRAINS	

STRUCTURE DATA

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

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

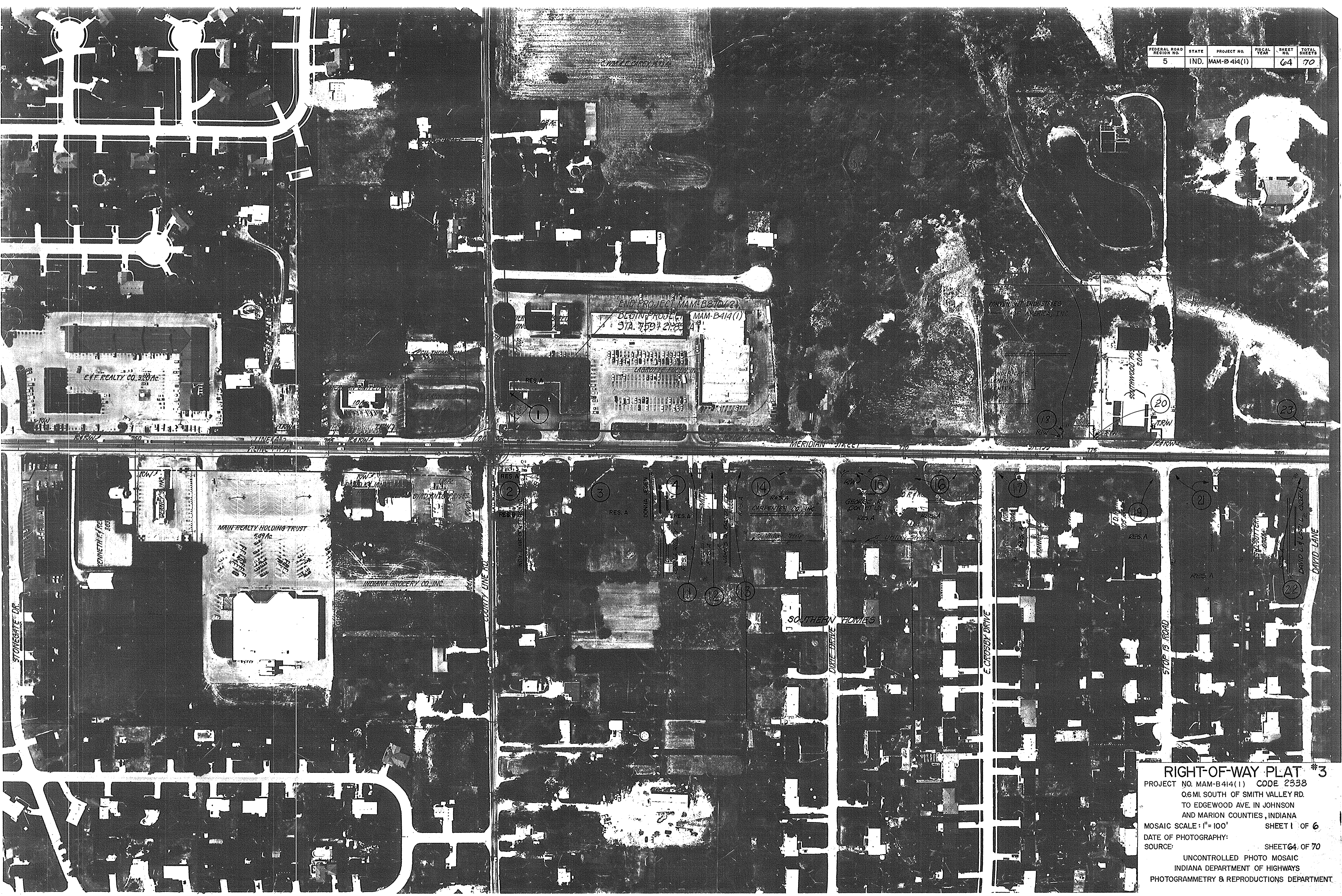
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	IND.	MAM-8414(1)	1989	62	70

STRUCTURE NUMBER	LOCATION	LEFT	RIGHT	CROSS	SIZE INCHES	DESCRIPTION SEE ST'D. SHEET "MP" FOR ACCEPTABLE TYPE OF PIPE WITHIN EACH GROUP.	LENGTH	SKEW	FLOW LINE		CONCRETE CLASS "A" CU.YDS.	"B" BORROW FOR STR. BACKFILL CU.YDS.	BACKFILL METHOD	GAGES OR THICKNESS		VELOCITY	RIPRAP SYS.	PIPE END SECTION EA.	REINF. STEEL LBS.	REMARKS	CONNECT TO STR. NO.	
									UP STREAM ELEV.	DOWN STREAM ELEV.				STEEL	ALUM.							
									COVER													
617	882+10	✓			12	L 15" PIPE CATCH BASIN	12'	2'	740.50	740.46		4			2						618	
* 618	882+17	✓			12	L INLET TYPE M-10	66'	3.5'	740.46	740.26		21			2							614
619																						
620	885+00	✓			12	L 15" PIPE CATCH BASIN	12'	4'	741.60	741.56		7			2							621
* 621	885+00	✓			12	L INLET TYPE M-10	64'	4.5'	741.55	741.31		29			3							622
* 622	885+00	✓			12	L CATCH BASIN TYPE K-10	4'	4'	741.06	741.02		2			4							624
623	885+00	✓			12	L 15" PIPE CATCH BASIN	4'	4'	740.02	740.00		2			2							624
624	885+05	✓			54	L MANHOLE TYPE L-4	242'	12'	730.94	730.57	1328				5							630
625																						
626	886+50	✓			12	L 15" PIPE CATCH BASIN	90'	3'	742.30	742.03		40			2							627
627	887+41	✓			12	L INLET TYPE M-10	68'	5.5'	742.02	741.32		40			4							630
* 628	887+50	✓			12	L CATCH BASIN TYPE K-10	3'	5'	741.12	741.07		2			6							630
629	887+50	✓			12	L 15" PIPE CATCH BASIN	3'	4'	741.02	741.00		2			2							630
630	887+54	✓			54	L MANHOLE TYPE L-4	242'	10'	730.57	730.21	1125				5							636
631	888+00	✓			12	L INLET TYPE M-10	56'	4'	742.18	742.03		33			2							627
632	888+08	✓			12	L 15" PIPE CATCH BASIN	10'		742.23	742.19					2							631
633	889+53	✓			12	L 15" PIPE CATCH BASIN	44'		742.50	742.37					2							634
* 634	889+97	✓			12	L INLET TYPE M-10	64'	6'	742.36	742.00		46			3							635
* 635	890+00	✓			12	L CATCH BASIN TYPE K-10	4'	6'	741.75	741.70		4			5							636
636	890+04	✓			54	L MANHOLE TYPE L-4	244'	9'	730.21	729.85	1034				5							643
637	890+45	✓			12	L 15" PIPE CATCH BASIN	48'	2'	742.51	742.37		15			2							634
638	891+01	✓			12	L INLET TYPE J-10	58'	3'	746.00	745.83		26			2							642
639	891+94	✓			12	L INLET TYPE J-10	54'	2'	746.00	745.84		17			2							640
640	892+52	✓			12	L CATCH BASIN TYPE K-10	3'	3'	745.35	745.34		2			2							643
641																						
642	892+53	✓			12	L INLET TYPE M-10	76'	3'	745.82	745.60		34			2							640
643	892+56	✓			54	L MANHOLE TYPE L-4	336'	12'	729.85	729.28	1844				5							650
644	892+60	✓			12	L 15" PIPE CATCH BASIN	3'	5'	743.02	743.00		2			3							643
645																						
* 646	895+27	✓			12	L INLET TYPE J-10	70'	1'	744.37	744.02		50			3							649
647	895+35	✓			12	L 18" PIPE CATCH BASIN	8'	14'				18			4							
* 648	896+00	✓			12	L INLET TYPE J-10	64'	3.5'	743.40	743.21		20			2							649
649	896+00	✓			12	L CATCH BASIN TYPE K-10	3'	3'	742.96	742.92		2			5							650
650	896+00	✓			54	L MANHOLE TYPE L-4	268'	14'	727.61	727.17	1702				5							654
651																						
652																						
653	898+70	✓			15	L CATCH BASIN TYPE E-7	3'	5'	736.57	736.50		2			8							654
654	898+75	✓			54	L MANHOLE TYPE L-4	228'	11'	725.50	725.07	1155				5							662
655	898+79	✓			12	L CATCH BASIN TYPE K-10	3'	4'	737.81	737.77		2			5							654
* 656	899+36	✓			12	L INLET TYPE J-10	72'	3'	738.53	738.32		23			2							657
657	899+36	✓			12	L INLET TYPE M-10	52'	3'	738.31	738.06		23			3							655
658																						
659	900+71	✓			12	L INLET TYPE E-7	18'	3'	735.02	734.96		8			2							660
660	900+79	✓			12	L INLET TYPE M-10	54'	4'	734.95	734.80		31			2							664
* 661	901+10	✓			12	L CATCH BASIN TYPE K-10	3'	4'	734.32	734.31		2			2							662
662	901+10	✓			54	L DROP MANHOLE TYPE E-4	210'	10'	723.40	723.00	976				5							669
663	901+10	✓			12	L 15" PIPE CATCH BASIN	3'	5'	732.00	731.98		2			4							662
664	901+35	✓			12	L INLET TYPE M-10	74'	4.5'	734.79	734.57		33			2							661
665																						
666	902+35	✓			12	L 15" PIPE CATCH BASIN	4'															
667	903+00	✓			12	L INLET TYPE E-7	76'	2'	732.65	732.42		24			2							673
668	903+27	✓			18	L CATCH BASIN TYPE F-7	3'	5'	728.00	727.90					11							669
669	903+29	✓			66	L DROP MANHOLE TYPE F-4	305'	10'	717.50	717.17	1769				5							679
670	903+38	✓			18	L 24" PIPE CATCH BASIN	16'															INTERCEPTS EXIST. 15" PIPE 668
671	903+32	✓			12	L CATCH BASIN TYPE K-10	3'	2'	731.91	731.89		2			4							669
* 672	903+70	✓			12	L INLET TYPE M-10	78'	3.5'	732.39	732.16		25			2							671
673	903+77	✓			12	L INLET TYPE E-7	10'	2'	732.42	732.40		3			2							672
674	903+87	✓			12	L INLET TYPE J-10	50'	4'				29			2							671
675																						
676	906+50	✓			12	L 15" PIPE CATCH BASIN	10'	2'	727.50	727.48		3			2							677
* 677	906+50	✓			12	L INLET TYPE M-10	64'	3'	727.47	726.96		20			4							678
* 678	906+50	✓			12	L CATCH BASIN TYPE K-10	3'	3'	726.71	726.66		2			6							679
679	906+50	✓			66	L MANHOLE TYPE M-4	148'	8'	715.50	715.34	716				5							682
680	906+50	✓			15	L CATCH BASIN TYPE E-7	3'	4'				2			8							679
681	907+86	✓			15	D PIPE	30'															2
682	908+05	✓			66	L MANHOLE TYPE M-4	90'	9'	713.67	713.56	435				5							686
683	908+10	✓			15	L CATCH BASIN TYPE E-7	12'	5'	721.12	721.0		10			5							682
684	908+17	✓			12	L CATCH BASIN TYPE K-10	8'	4'	722.61	722.59		5			2							682
685	908+40	✓			12	L 15" PIPE CATCH BASIN	16'	5'	720.00	719.95		12			2							686

LEGEND FOR ABBREVIATION

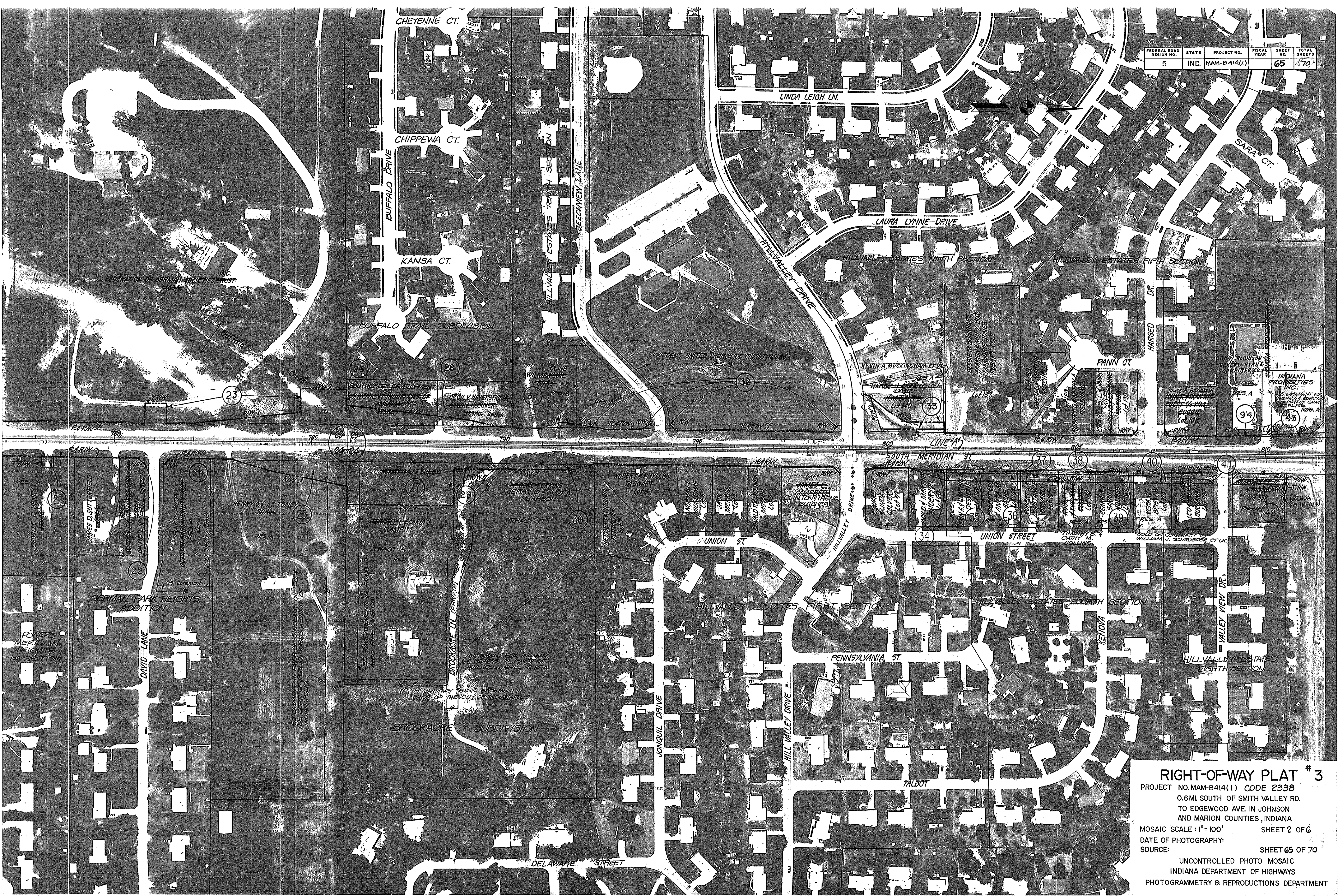
F.B.C.S./R.I.--FULLY BITUMINOUS COATED CORRUGATED STEEL WITH PAVED INVERT. F.B.C.C.A.A./R.I.--FULLY BITUMINOUS COATED CORRUGATED ALUMINUM ALLOY WITH PAVED INVERT. F.B.C.S.-----FULLY BITUMINOUS COATED CORRUGATED STEEL. C.S.-----CORRUGATED STEEL. C.A.A.-----CORRUGATED ALUMINUM S.P.S.-----STRUCTURAL PLATE STEEL *-----ONE SLOTTED VAIN DRAIN **-----TWO SLOTTED VAIN DRAINS	F.B.C.S.A./R.I.--FULLY BITUMINOUS COATED CORRUGATED STEEL ARCH WITH PAVED INVERT. F.B.C.C.A.A./R.I.--FULLY BITUMINOUS COATED CORRUGATED ALUMINUM ARCH WITH PAVED INVERT. F.B.C.C.A.-----FULLY BITUMINOUS COATED CORRUGATED STEEL ARCH. F.B.C.C.A.A.-----FULLY BITUMINOUS COATED CORRUGATED ALUMINUM ARCH. C.S.A.-----CORRUGATED STEEL ARCH. C.A.S.A.-----CORRUGATED ALUMINUM ARCH. S.P.S.A.-----STRUCTURAL PLATE STEEL ARCH.
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FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B 414(1)		64	70



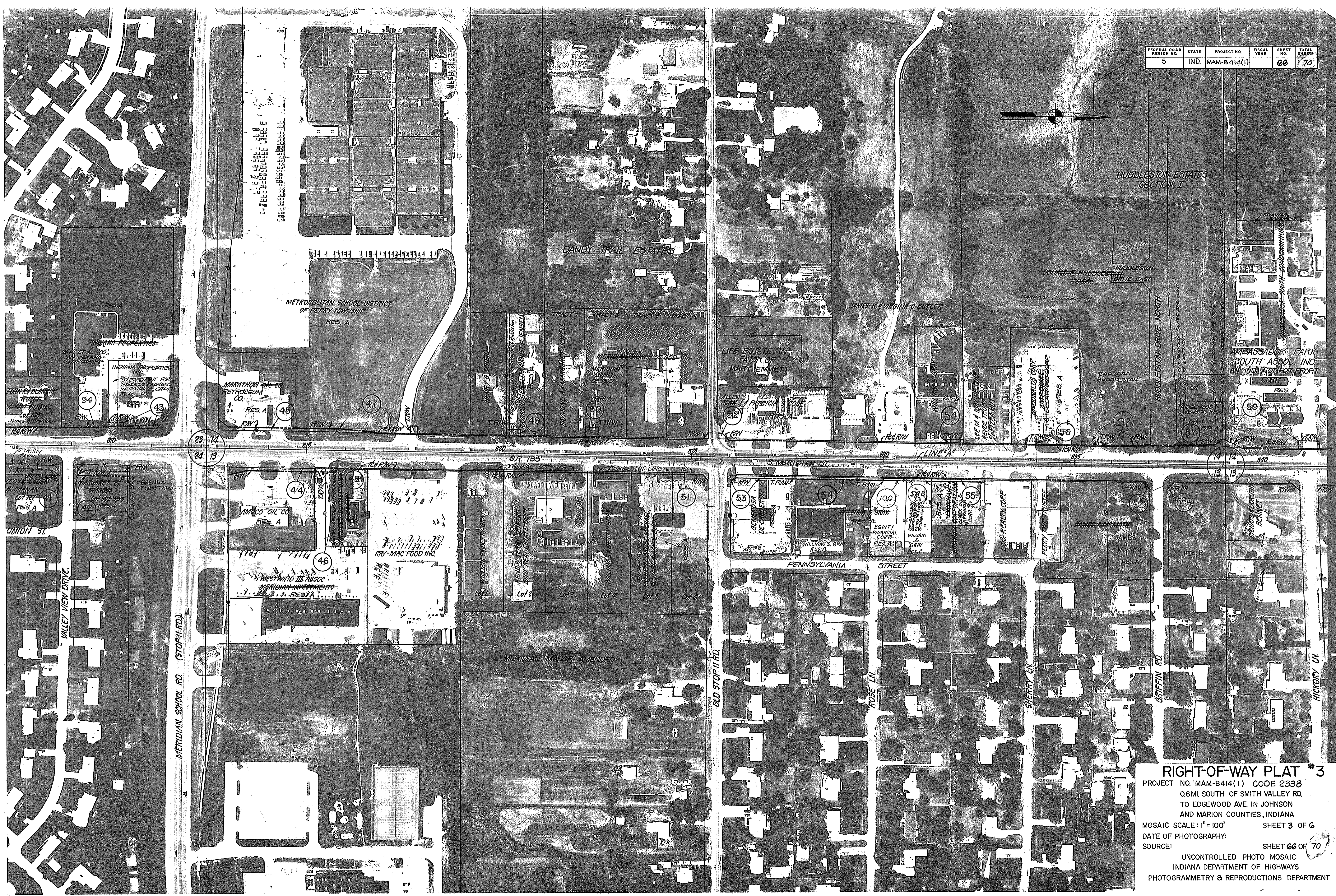
RIGHT-OF-WAY PLAT #3
 PROJECT NO. MAM-B414(1) CODE 2338
 0.6 MI. SOUTH OF SMITH VALLEY RD.
 TO EDGEWOOD AVE. IN JOHNSON
 AND MARION COUNTIES, INDIANA
 MOSAIC SCALE: 1"=100' SHEET 1 OF 6
 DATE OF PHOTOGRAPHY:
 SOURCE: SHEET 64 OF 70
 UNCONTROLLED PHOTO MOSAIC
 INDIANA DEPARTMENT OF HIGHWAYS
 PHOTOGRAMMETRY & REPRODUCTIONS DEPARTMENT

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B414(1)		65	70



RIGHT-OF-WAY PLAT # 3
 PROJECT NO. MAM-B414(1) CODE 2338
 0.6MI. SOUTH OF SMITH VALLEY RD.
 TO EDGEWOOD AVE. IN JOHNSON
 AND MARION COUNTIES, INDIANA
 MOSAIC SCALE: 1"=100' SHEET 2 OF 6
 DATE OF PHOTOGRAPHY: SHEET 65 OF 70
 SOURCE: UNCONTROLLED PHOTO MOSAIC
 INDIANA DEPARTMENT OF HIGHWAYS
 PHOTOGRAMMETRY & REPRODUCTIONS DEPARTMENT

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B414(1)		66	70



HUDDLESTON ESTATES SECTION I

DANDY TRAIL ESTATES

METROPOLITAN SCHOOL DISTRICT OF PERRY TOWNSHIP RES. A

JAMES K. VIRGINIA O. BUTLER

LIFE ESTATE IN FAVOR OF MARY JENNETT

HUDDLESTON DRIVE EAST

HUDDLESTON DRIVE NORTH

AMBASSADOR PARK SOUTH ASSOC. INC. AN INDICATION FOR PROFIT

S. MERIDIAN ST.

PENNSYLVANIA STREET

MERIDIAN MANOR AMENDED

RIGHT-OF-WAY PLAT #3

PROJECT NO. MAM-B414(1) CODE 2338
0.6MI. SOUTH OF SMITH VALLEY RD.
TO EDGEWOOD AVE. IN JOHNSON
AND MARION COUNTIES, INDIANA

MOSAIC SCALE: 1" = 100' SHEET 3 OF 6

DATE OF PHOTOGRAPHY:

SOURCE: SHEET 66 OF 70

UNCONTROLLED PHOTO MOSAIC
INDIANA DEPARTMENT OF HIGHWAYS
PHOTOGRAMMETRY & REPRODUCTIONS DEPARTMENT

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-8414(1)		67	70



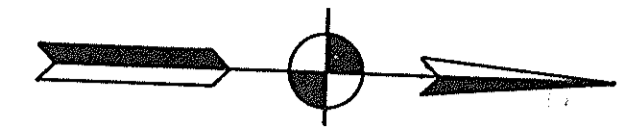
RIGHT-OF-WAY PLAT #3
 PROJECT NO. MAM-8414(1) CODE 2338
 TO EDGEWOOD AVE. IN JOHNSON
 AND MARION COUNTIES, INDIANA
 MOSAIC SCALE: 1" = 100' SHEET 4 OF 6
 DATE OF PHOTOGRAPHY: SHEET 67 OF 70
 SOURCE: UNCONTROLLED PHOTO MOSAIC
 INDIANA DEPARTMENT OF HIGHWAYS
 PHOTOGRAMMETRY & REPRODUCTIONS DEPARTMENT

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MAM-B414(1)		68	70



RIGHT-OF-WAY PLAT #3
 PROJECT NO. MAM-B414(1) CODE 2338
 0.6 MI. SOUTH OF SMITH VALLEY RD.
 TO EDGEWOOD AVE. IN JOHNSON
 AND MARION COUNTIES, INDIANA
 MOSAIC SCALE: 1" = 100' SHEET 5 OF 6
 DATE OF PHOTOGRAPHY: SHEET 68 OF 70
 SOURCE: UNCONTROLLED PHOTO MOSAIC
 INDIANA DEPARTMENT OF HIGHWAYS
 PHOTOGRAMMETRY & REPRODUCTIONS DEPARTMENT

PROJECT NO.	LINE NO.	SHEET NO.	TOTAL SHEETS	FILE
MAM-B414(1)		69	70	



END PROJECT MAM-B414(1)
STA. 912+67.8 "PR-A"

END INCIDENTAL CONSTR.
STA. 919+25 LINE "A"

LINE "PR-A"
LINE "A"

RIGHT-OF-WAY PLAT #3

PROJECT NO. MAM-B414(1) CODE 2330
 0.6MI. SOUTH OF SMITH VALLEY RD
 TO EDGEWOOD AVE. IN JOHNSON
 AND MARION COUNTIES, INDIANA
 MOSAIC SCALE: 1"=100' SHEET 6 OF 6
 DATE OF PHOTOGRAPHY:
 SOURCE: SHEET 69 OF 70
 UNCONTROLLED PHOTO MOSAIC
 INDIANA DEPARTMENT OF HIGHWAYS
 PHOTOGRAMMETRY & REPRODUCTIONS DEPARTMENT