

UTILITIES

POWER: Indiana & Michigan Electric Company
One Summit Square
P.O. Box 60
Fort Wayne, In. 46801

GAS: Indiana Gas Company
1630 N. Meridian Street
Indianapolis, In. 46202

TEL: Indiana Bell Telephone Company
220 N. Meridian Street, Room 1349
Indianapolis, In. 46204

WATER: City of Alexandria
City Hall
Alexandria, In. 46001

REVISIONS		
SHEET NO.	DATE	REVISED
8	4-30-84	Parcels 1,2,3,4: Actual R/s plotted & delineated
6 & 8	4-30-84	Parcel 2: R/W Revised
6 & 8	"	Parcel 3: R/W Revised
6	"	Parcels 2,3,4,5 & 6: Actual R/s plotted & delineated
6	5-03-84	Parcel 1: R/s corrected at corner cut
7	4-30-84	Parcel 6: R/s plotted & delineated
7	"	Parcel 7: R/s plotted & delineated
3,5,6 & 8	8-25-84	Added Parcel 1A
3 & 5	10-11-84	REV. AREAS PARCEL 4
3,5 & 6	11-26-84	Elim. Par. 5 & Combined w/Par. 3
3,5 & 7	2-5-85	NAME CHANGE PARCEL 7
3,5,6,7 & 8	4-15-85	NAME CHANGE PARCEL 4
3,5,6 & 8	7-26-85	ELIM. PARCEL 1A & NAME CHANGE PARCEL 1
5 & 6	11-4-91	ADDED R/W NR. STA. 11+00
5,6	11-27-91	Added Parcel 8

R/W INDEX	
SHEET NO.	DESIGNATION
1	TITLE SHEET
2	INDEX SHEET
3	PARCEL LISTING
4	TYPICAL CROSS SECTIONS
5	PLAN No. 1
6-8	PLAN & PROFILE SHEETS
9	APPROACH TABLE

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.

_____ 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 to 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 3.407 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 Link 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 at Street and alley intersections.

All Highway Drainage Structures 42" dia. and over _____ have been designed on the basis of a 10 year storm frequency. (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 curb or sand fills or as directed by the Engineer.

The quantity of Peat Excavation as shown on 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 Section, 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.	ST-179-1 (A)	1984	2	9

SHEET NO.	DESIGNATION	F.H.W.A. APPROVAL	DATE ADOPTED / LATEST REVISION
1	TITLE SHEET		
2	INDEX SHEET		
	TYPICAL CROSS SECTION		
	PLAT No. 1		
	PLAN AND PROFILE		
	DETAILS		
	TABLE OF QUANTITIES & APPROACH TABLE		
	STRUCTURE DATA		
	SERIAL MOSAIC		
	ESTIMATE OF QUANTITIES		
	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 "MJ"		
	MISCELLANEOUS STANDARDS, SHEET "MJ-2A"		
	MISCELLANEOUS STANDARDS, SHEET "MJ-3"		
	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-2A"		
	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-3		
	GUARD RAIL SHEET GR-4A		
	GUARD RAIL SHEET GR-4		
	ALUMINUM GUARD RAIL DETAILS, SHEET GR-5		
	STEEL TUBE GUARD RAIL DETAILS, SHEET GR-6		
	GUARD RAIL TIER CONNECTION DETAILS, SHEET GR-7		
	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		
	ST'D. DETOUR SIGNS, SHEET 3A		
	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		

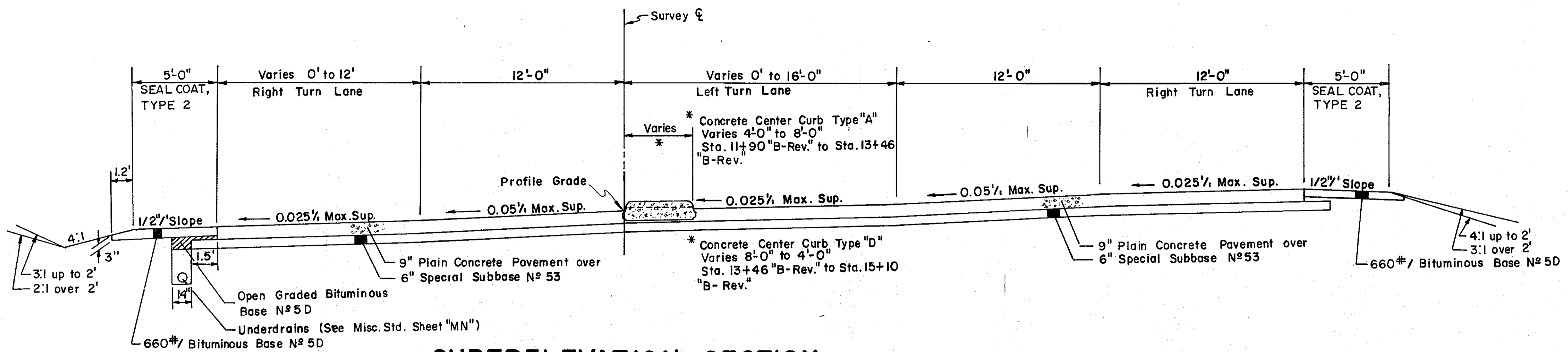
PROJECT 57-179-1(A) L.A. CODE 2000 DATE 06/18/84
 PARCEL LISTING FOR LAND ACQUISITION
 INDIANA DEPARTMENT OF HIGHWAYS

ROAD 575 COUNTY-MADISON

PARCEL NUMBER	GRANTOR	CENTER LINE	FARM APPRAISAL STA.	PLAN SHEET	BRIDGE	TOTAL AREA	R/W EXISTING	NATURE OF TITLE ACQUIRED	RESIDUE AREA	BLOG.
1	FOLEY, CLARENCE W. WILLIAMSON, MARY E. ELIMINATED 8/24/85	B-REV	11	54 0+ 8		1.560	0.431	FS 0.549AC	A= 13.550	
2	LARRANCE, HAROLD ET AL.	B-REV	15	54 0+ 8		1.100AC	0.268AC	FS 0.012AC	A= 0.820AC	
3	FULK, WYMAN M.	B-REV	15	54 0+ 8		51.773	11.333	FS 2.103	A= 32.1625SF	
4	SIZELOWE, BARBARA M. ELIMINATED 11/26/84	B-REV	16	54 0+ 7		18.605	1.028	FS 0.318AC	A= 17.259	
5	MARRS, LENA G. MARRS, MARY	B-REV	19	54 0+ 7		23.303SF	4.335SF	FS 2.526SF	A= 16.448SF	
7	RINGER, MARY	B	20	54 7		30.490SF		FS 1.248SF	A= 29.148SF	
8	FOOT, WALLACE GEORGE	BREV	10	5+ 6		0.926AC	0.001AC	FS 0.005 AC	A= 0.916 AC	

* (ASTERISK) IN THE BRIDGE COLUMN INDICATES THE PARCEL IS PARTIALLY OR COMPLETELY WITHIN THE LIMITS OF A BRIDGE PROJECT.
 * (ASTERISK) IN THE BLOG. COLUMN INDICATES A BUILDING TO BE REMOVED IS PARTIALLY OR COMPLETELY WITHIN THE R/W REQUIRED.
 FS = FEE SIMPLE TITLE
 PO = POSSESSION EITHER NEW OR PRESCRIPTIVE
 SP = SPECIAL INSTRUMENT FOR CLEARING SPECIAL INTERESTS

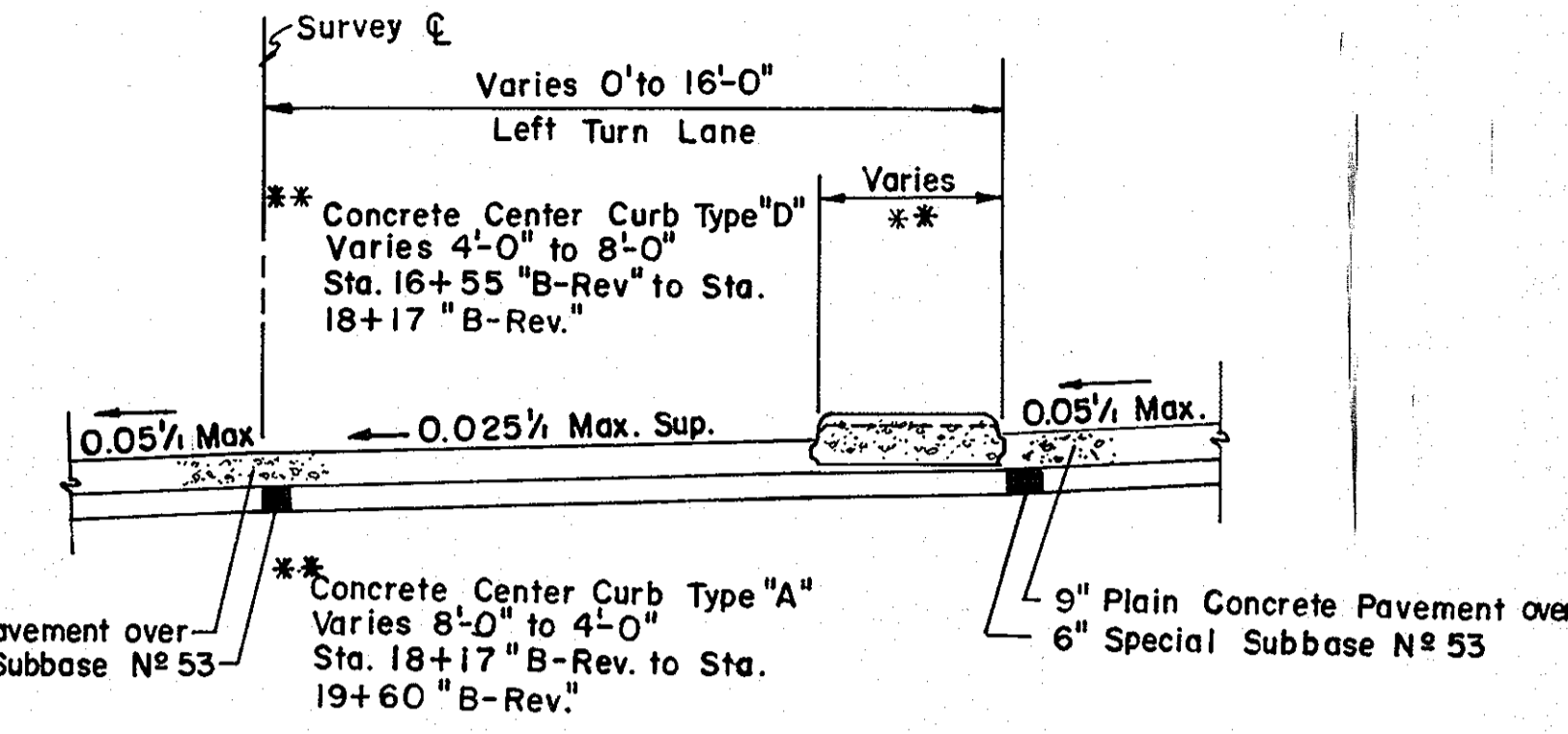
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-179-1(A)	1984	4	9



SUPERELEVATION SECTION

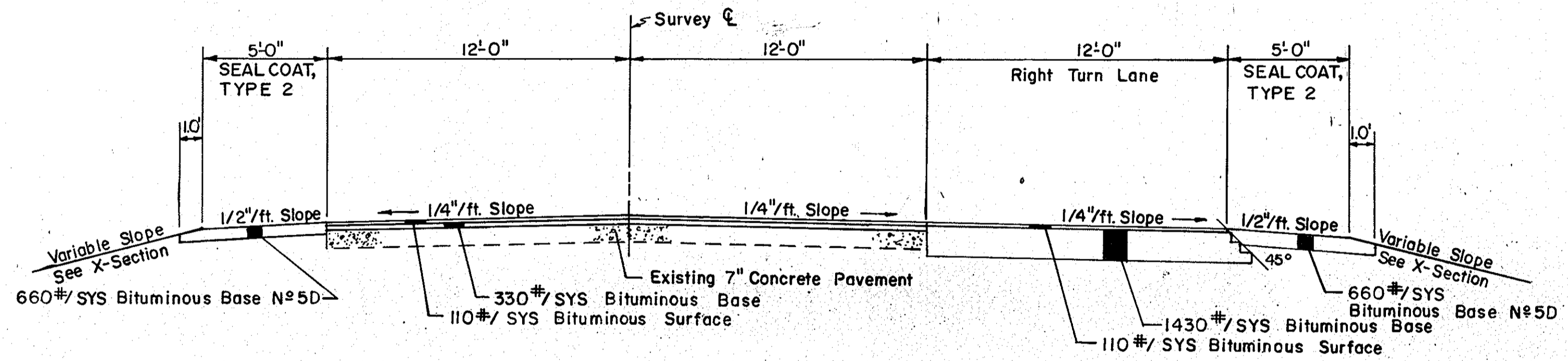
STA. 11+20 "B" TO STA. 15+10 "B-REV."
NORTHBOUND LEFT TURN LANE

NOTE: No Concrete Center Curb Req'd.
STA. 15+10 "B-REV." TO STA. 16+55 "B-REV."



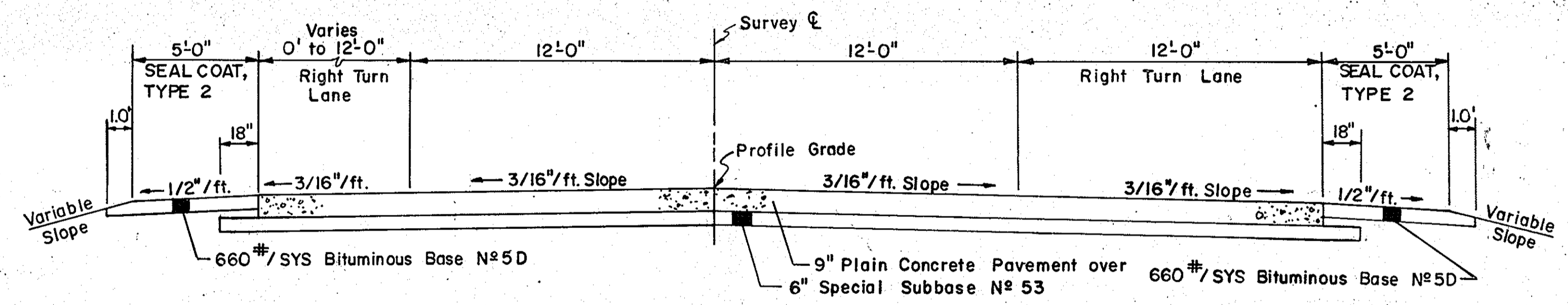
TURN LANE SECTION

STA. 16+55 "B-REV." TO STA. 20+75 "B"
SOUTHBOUND LEFT TURN LANE



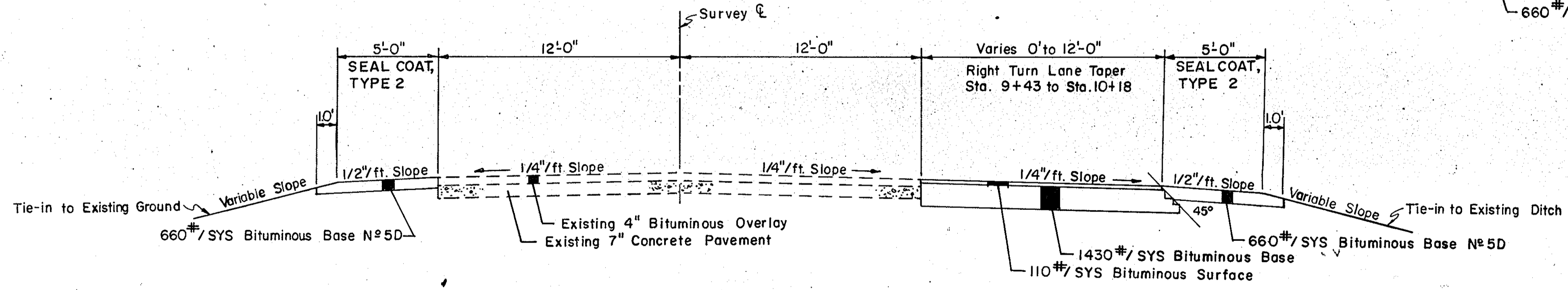
TANGENT SECTION

STA. 10+18 "B" TO STA. 11+20 "B"



TANGENT SECTION

STA. 20+75 "B" TO STA. 22+00 "B"



INCIDENTAL CONSTRUCTION

APPROX. STA. 8+00 "B" TO STA. 10+18 "B"

TYPICAL CROSS SECTIONS

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

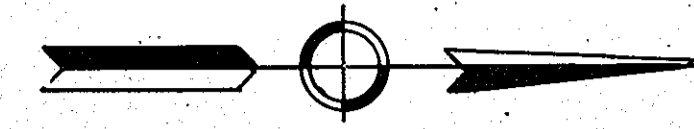
RECOMMENDED FOR APPROVAL _____

ENGINEER OF ROAD DESIGN INDIANA STATE HIGHWAY COMMISSION

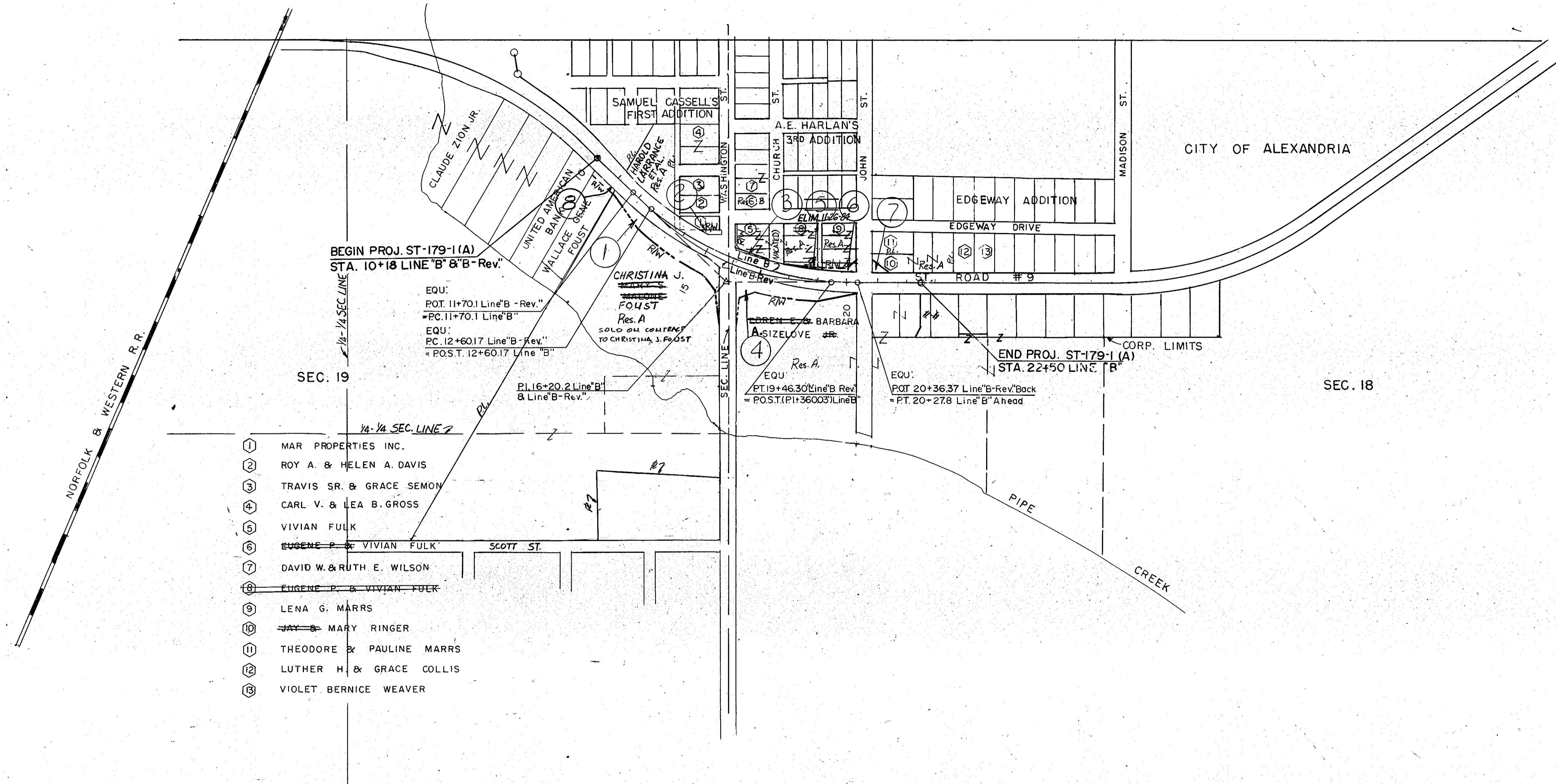
PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-179-1(A)	"B"	4	9	

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-179 1(A)	1984	5	9

REV. 11-4-91 ADDED 50' R/W NR. STA. 11+00 PER LTR. DATED 10-21-91, D.W. MILLER



SCALE: 1" = 200'



- ① MAR PROPERTIES INC.
- ② ROY A. & HELEN A. DAVIS
- ③ TRAVIS SR. & GRACE SEMON
- ④ CARL V. & LEA B. GROSS
- ⑤ VIVIAN FULK
- ⑥ EUGENE P. & VIVIAN FULK
- ⑦ DAVID W. & RUTH E. WILSON
- ⑧ EUGENE P. & VIVIAN FULK
- ⑨ LENA G. MARRS
- ⑩ JAY & MARY RINGER
- ⑪ THEODORE & PAULINE MARRS
- ⑫ LUTHER H. & GRACE COLLIS
- ⑬ VIOLET BERNICE WEAVER

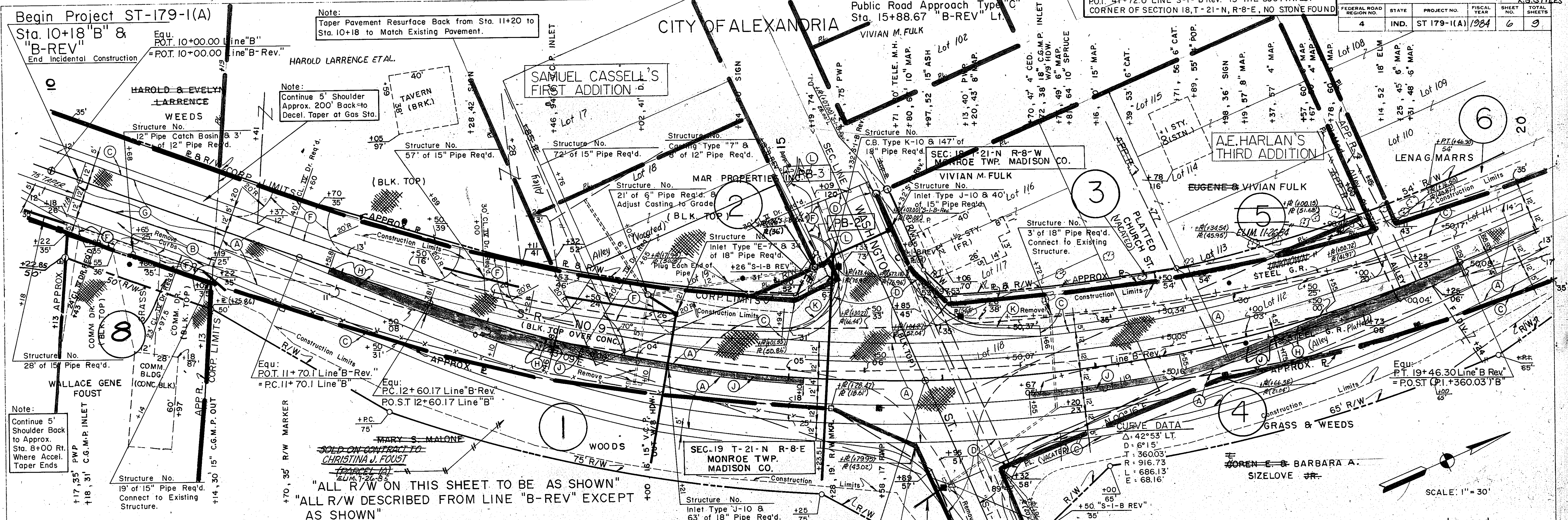
MADISON CO. MONROE TWP.

PLAT NO. 1 FOR
ROAD DESIGN

DETAILS

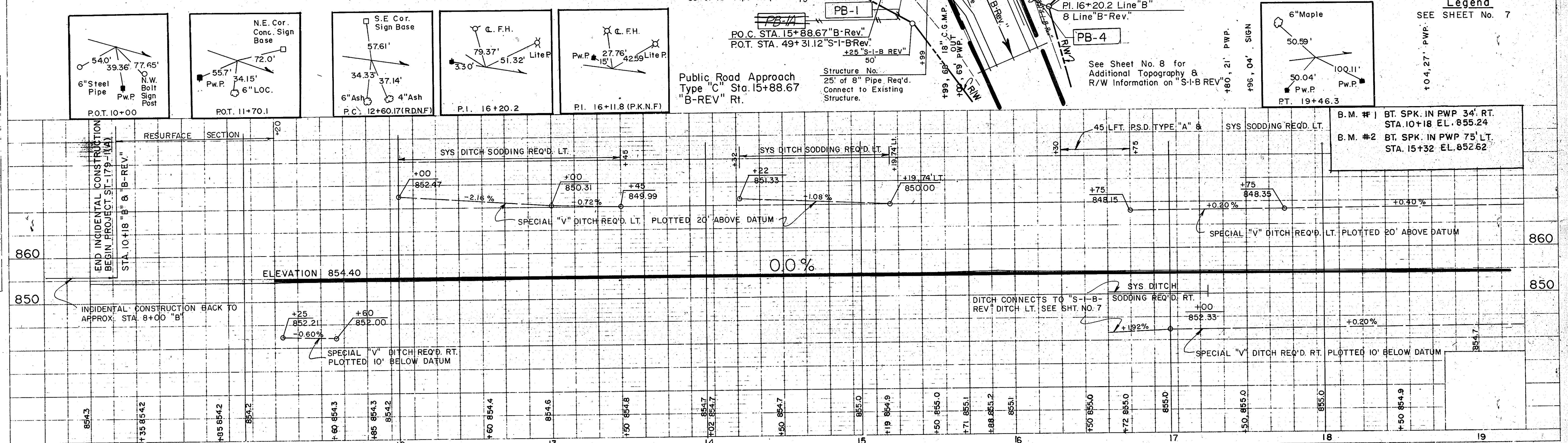
Parcel 2: R/W Revised to small residue from Larrance only 4-30-84 J.A. MYERS
 Parcels 2,3,4,5,46: Actual R's plotted & delimited
 Parcel 3: R/W Revised as shown
 Parcel 1: Corrected R at corner out 5-03-84
 REV. 11-27-91 Added Parcel 8, M.J. CALES
 REV. 4-15-85 NAME CHG'D.
 PARCEL 4 R.K. GRINER
 REV. 8-25-84 Added Parcel 1A, G.L. SMITH
 REV. 11-26-84 Eliminated Par. 5 & Expanded Par. 3 G.L. SMITH
 REV. 7-26-85 ELIM. PARCEL 1A & NAME CHANGE PARCEL 1.
 K.G. STILES

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	IND.	ST 179-1(A)	1984	6	9



PLAN
 SURVEYED
 NOTED
 NOTE BOOK GRADES CHECKED
 BY: M.A. NOTED
 STRUCTURE INDICATIONS CHECKED

PROFILE
 SURVEYED
 NOTED
 NOTE BOOK GRADES CHECKED
 BY: M.A. NOTED
 STRUCTURE INDICATIONS CHECKED



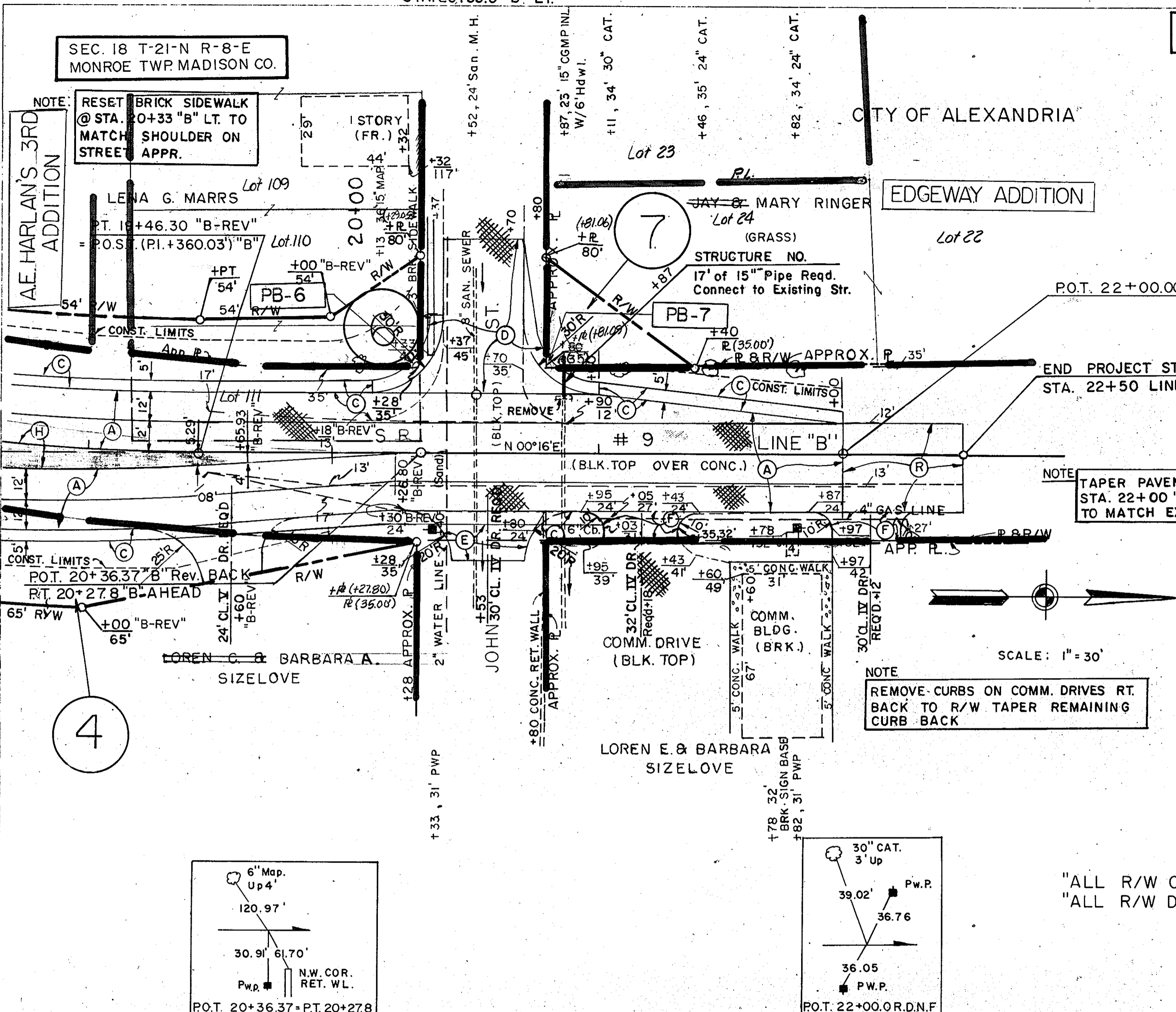
PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-179-1(A)		6	9	

STREET APPROACH
 STA. 20+53.5 "B" LT.

SEC. 18 T-21-N R-8-E
 MONROE TWP. MADISON CO.

LINE "B" ON THIS PROJECT IS
 SURVEY LINE "B" ON PROJECT FA-E83 (D)

REV. 2-5-85 NAME CHANGE PARCEL 7, K.G. STILES				
FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	FISCAL YEAR	TOTAL SHEETS
5	IND.	ST-179-1(A)	1984	7
REV. 4-15-85 NAME CHG. PARCEL 4, R.K. GRINER				
				9



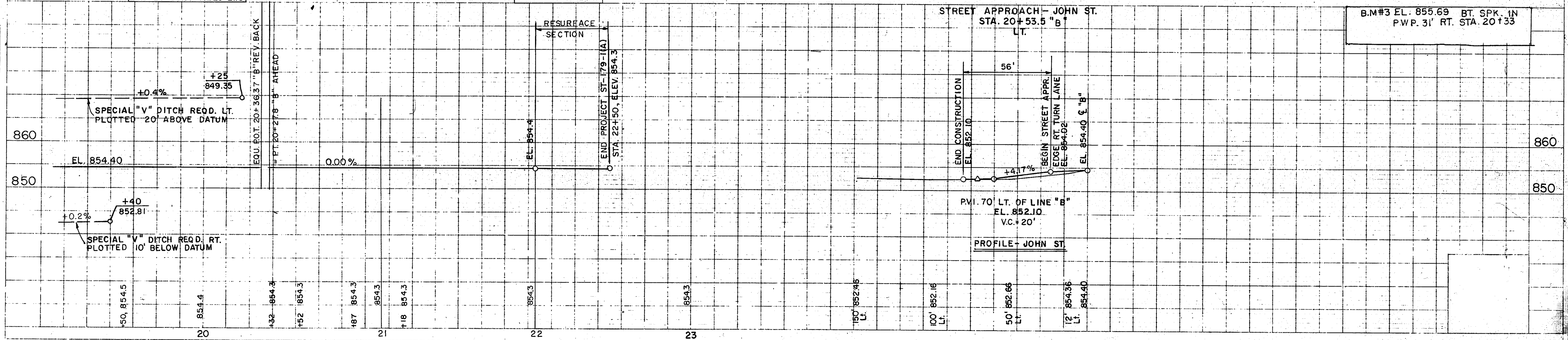
LEGEND

- (A) 9" PLAIN CONCRETE PAVEMENT OVER 6" SPECIAL SUBBASE No. 53.
- (B) 110"/SYDS BITUMINOUS SURFACE (H.A.C. TYPE IIB OR H.A.E. TYPE II-III) OVER 1430"/SYD. BITUMINOUS BASE.
- (C) 660"/SYDS. BITUMINOUS BASE No. 5D.
- (D) 110"/SYDS. BITUMINOUS SURFACE (H.A.C. TYPE IIB OR H.A.E. TYPE II-III) OVER 330"/SYDS. BITUMINOUS BASE OVER 6" TYPE "O" COMPACTED AGG. BASE.
- (E) 770"/SYD. BIT. MIX. FOR APPROACHES (110"/SYD. BIT. SURFACE (H.A.C. TYPE IIB OR H.A.E. TYPE II-III) OVER 660"/SYD. BITUMINOUS BASE.
- (F) 110"/SYDS. BITUMINOUS SURFACE (H.A.C. TYPE IIB OR H.A.E. TYPE II-III)
- (G) 330"/SYDS. BITUMINOUS MIXTURE FOR APPROACHES OVER 6" TYPE "O" COMPACTED AGGREGATE BASE.
- (H) 110"/SYDS. BITUMINOUS SURFACE (H.A.C. TYPE IIB OR H.A.E. TYPE II-III) OVER 220"/SYDS. BITUMINOUS BASE.
- (I) CONCRETE CENTER CURB, TYPE "A"
- (J) CONCRETE CENTER CURB, TYPE "D"
- (K) COMBINED CONCRETE CURB & GUTTER
- (L) MONOLITHIC CURB
- (M) BITUMINOUS CURB
- (N) BITUMINOUS SIDEWALK
- (P) 110"/SYDS. BITUMINOUS MIXTURE FOR APPROACHES

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

PLAN SURVEY
 NOTE BOOK GRAD & CHECKS
 NO. 1

PROFILE SURVEY
 NOTE BOOK GRAD & CHECKS
 NO. 1



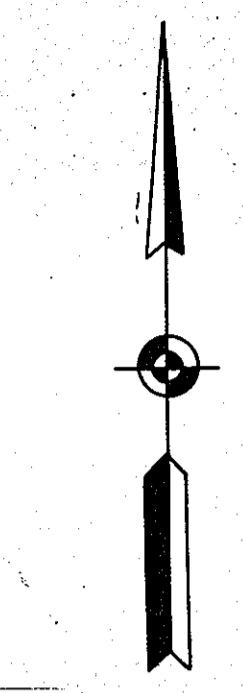
PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-179-1(A)	B-Rev.	7	9	

CURVE DATA

LINE "B"	LINE "B-Rev"
Δ = 42° 53' Lt.	Δ = 42° 53' Lt.
D = 5° 00'	D = 6° 15'
T = 450.1'	T = 360.03'
L = 857.7'	L = 686.13'
E = 85.22'	E = 68.16'
P.I. = 16+20.2	P.I. = 16+20.2

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-179-1(A)	1984	8	9

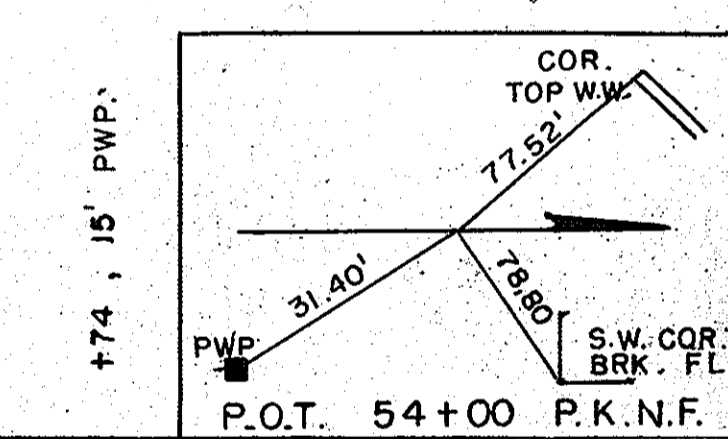
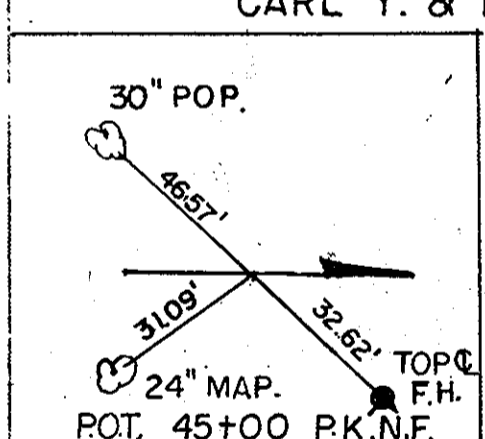
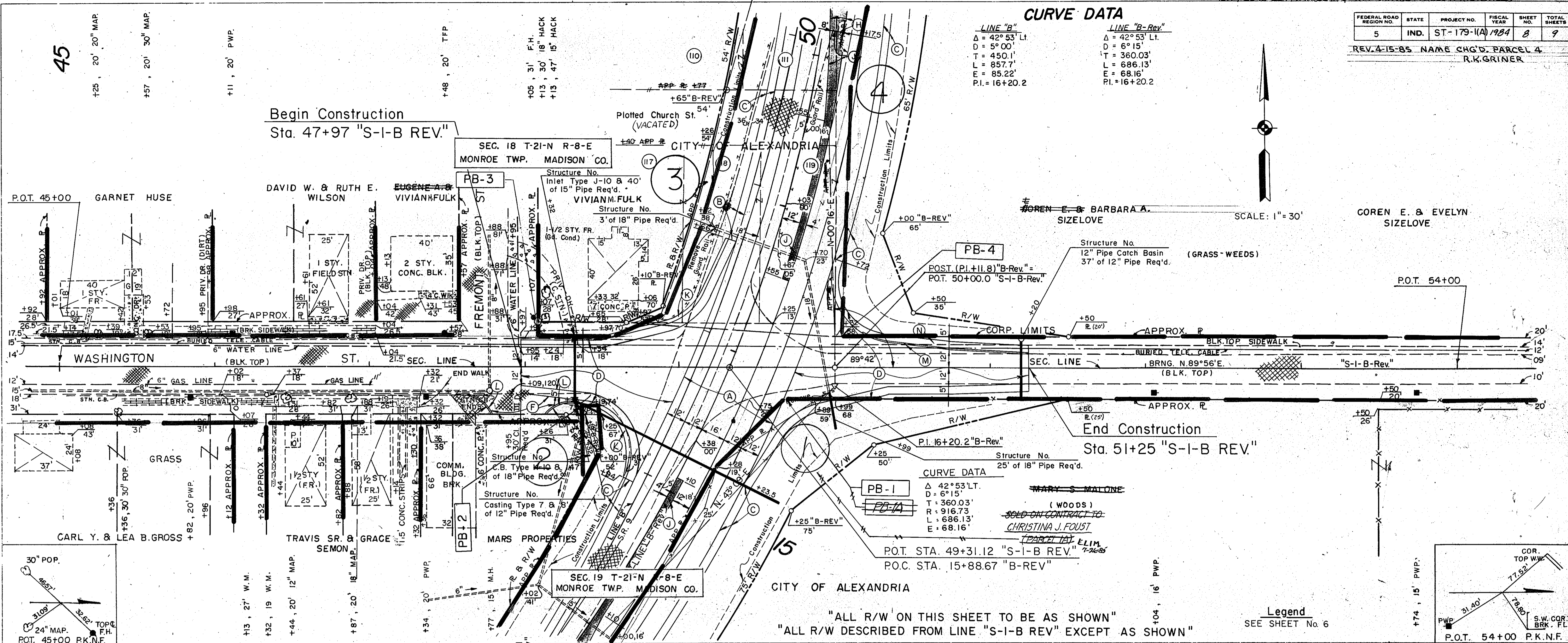
REV. 4-15-85 NAME CH'G'D. PARCEL 4
 R.K. GRINER



SCALE: 1" = 30'

PLAN
 SURVEYED, PLOTTED, CHECKED, REVISIONS, E.T.C.
 NOTE BOOK, NO. OF WAY CHECKED

PROFILE
 SURVEYED, PLOTTED, CHECKED, REVISIONS, E.T.C.
 NOTE BOOK, NO. OF NOTED, UNCORRECTED INDICATIONS CHECKED



"ALL R/W ON THIS SHEET TO BE AS SHOWN"
 "ALL R/W DESCRIBED FROM LINE "S-I-B REV" EXCEPT AS SHOWN"

Legend
 SEE SHEET No. 6

