

PROJECT	DESIGNATION
NH-075-3 ()	8461360
CONTRACT	

TRAFFIC DATA--OLD US 231 (RELOCATION)	
A.A.D.T. (1998)	750 V.P.D.
A.A.D.T. (2018 PROJECTED)	950 V.P.D.
D.H.V. (2018 PROJECTED)	85 V.P.H.
DIRECTIONAL DISTRIBUTION	50%
TRUCKS	1% D.H.V.
	2% A.A.D.T.

DESIGN DATA	
DESIGN SPEED	80 kmph
PROJECT DESIGN CRITERIA	NEW CONSTRUCTION
FUNCTIONAL CLASSIFICATION	LOCAL COLLECTOR
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	NONE

TRAFFIC DATA--SR 70	
A.A.D.T. (1998)	2240 V.P.D.
A.A.D.T. (2018 PROJECTED)	2910 V.P.D.
D.H.V. (2018 PROJECTED)	557 V.P.H.
DIRECTIONAL DISTRIBUTION	50%
TRUCKS	12% D.H.V.
	11% A.A.D.T.

DESIGN DATA	
DESIGN SPEED	90 kmph
PROJECT DESIGN CRITERIA	NEW CONSTRUCTION
FUNCTIONAL CLASSIFICATION	STATE COLLECTOR
RURAL/URBAN	RURAL
TERRAIN	ROLLING
ACCESS CONTROL	NONE

TRAFFIC DATA--CR 175	
A.A.D.T. (1998)	200 V.P.D.
A.A.D.T. (2018 PROJECTED)	280 V.P.D.
D.H.V. (2018 PROJECTED)	29 V.P.H.
DIRECTIONAL DISTRIBUTION	50%
TRUCKS	10% D.H.V.
	10% A.A.D.T.

DESIGN DATA	
DESIGN SPEED	50 kmph
PROJECT DESIGN CRITERIA	NEW CONSTRUCTION
FUNCTIONAL CLASSIFICATION	LOCAL COLLECTOR
RURAL/URBAN	RURAL
TERRAIN	ROLLING
ACCESS CONTROL	NONE

TRAFFIC DATA--CR 200 N	
A.A.D.T. (1998)	470 V.P.D.
A.A.D.T. (2018 PROJECTED)	600 V.P.D.
D.H.V. (2018 PROJECTED)	474 V.P.H.
DIRECTIONAL DISTRIBUTION	50%
TRUCKS	10% D.H.V.
	10% A.A.D.T.

DESIGN DATA	
DESIGN SPEED	100 kmph
PROJECT DESIGN CRITERIA	NEW CONSTRUCTION
FUNCTIONAL CLASSIFICATION	LOCAL COLLECTOR
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	NONE

INDIANA
DEPARTMENT OF
TRANSPORTATION

RIGHT-OF-WAY PLANS

PHASE "1A"

NEW CONSTRUCTION US 231

PROJECT NO. NH-075-3 (014) P.E.

(014) R/W

RP: 901+010 to 906+005 () CONST.

Beginning at a point on new alignment of US 231 approximately 290 meters north and 400 meters west of the southeast corner of section 11, T-7-S, R-6-W, thence 7.967km in a northerly direction along the new centerline to a point approximately 156 meters North and 68 meters East of the southwest corner of section 13, T-6-S, R-6-W, all in Spencer County.

TRAFFIC DATA--CR350 N EAST OF 231	
A.A.D.T. (1998)	460 V.P.D.
A.A.D.T. (2018 PROJECTED)	600 V.P.D.
D.H.V. (2018 PROJECTED)	138 V.P.H.
DIRECTIONAL DISTRIBUTION	50%
TRUCKS	1% D.H.V.
	5% A.A.D.T.

DESIGN DATA	
DESIGN SPEED	80 kmph
PROJECT DESIGN CRITERIA	NEW CONSTRUCTION
FUNCTIONAL CLASSIFICATION	LOCAL COLLECTOR
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	NONE

TRAFFIC DATA--CR 200 E	
A.A.D.T. (1998)	110 V.P.D.
A.A.D.T. (2018 PROJECTED)	140 V.P.D.
D.H.V. (2018 PROJECTED)	27 V.P.H.
DIRECTIONAL DISTRIBUTION	50%
TRUCKS	10% D.H.V.
	11% A.A.D.T.

DESIGN DATA	
DESIGN SPEED	80 kmph
PROJECT DESIGN CRITERIA	NEW CONSTRUCTION
FUNCTIONAL CLASSIFICATION	LOCAL ROAD
RURAL/URBAN	RURAL
TERRAIN	ROLLING
ACCESS CONTROL	NONE

TRAFFIC DATA--HIGHLAND RD.	
A.A.D.T. (1998)	440 V.P.D.
A.A.D.T. (2018 PROJECTED)	580 V.P.D.
D.H.V. (2018 PROJECTED)	49 V.P.H.
DIRECTIONAL DISTRIBUTION	50%
TRUCKS	5% D.H.V.
	6% A.A.D.T.

DESIGN DATA	
DESIGN SPEED	60 kmph
PROJECT DESIGN CRITERIA	NEW CONSTRUCTION
FUNCTIONAL CLASSIFICATION	LOCAL COLLECTOR
RURAL/URBAN	RURAL
TERRAIN	ROLLING
ACCESS CONTROL	NONE

TRAFFIC DATA--MAIN LINE	
A.A.D.T. (1998)	9870 V.P.D.
A.A.D.T. (2018 PROJECTED)	13290 V.P.D.
D.H.V. (2018 PROJECTED)	1195 V.P.H.
DIRECTIONAL DISTRIBUTION	50%
TRUCKS	14% D.H.V.
	20% A.A.D.T.

DESIGN DATA	
DESIGN SPEED	110 kmph
PROJECT DESIGN CRITERIA	NEW CONSTRUCTION
FUNCTIONAL CLASSIFICATION	PRINCIPAL ARTERIAL
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	PARTIAL

TRAFFIC DATA--CR 250 N	
A.A.D.T. (1998)	150 V.P.D.
A.A.D.T. (2018 PROJECTED)	210 V.P.D.
D.H.V. (2018 PROJECTED)	21 V.P.H.
DIRECTIONAL DISTRIBUTION	50%
TRUCKS	10% D.H.V.
	10% A.A.D.T.

DESIGN DATA	
DESIGN SPEED	80 kmph
PROJECT DESIGN CRITERIA	NEW CONSTRUCTION
FUNCTIONAL CLASSIFICATION	LOCAL MAJOR COLLECTOR
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	NONE

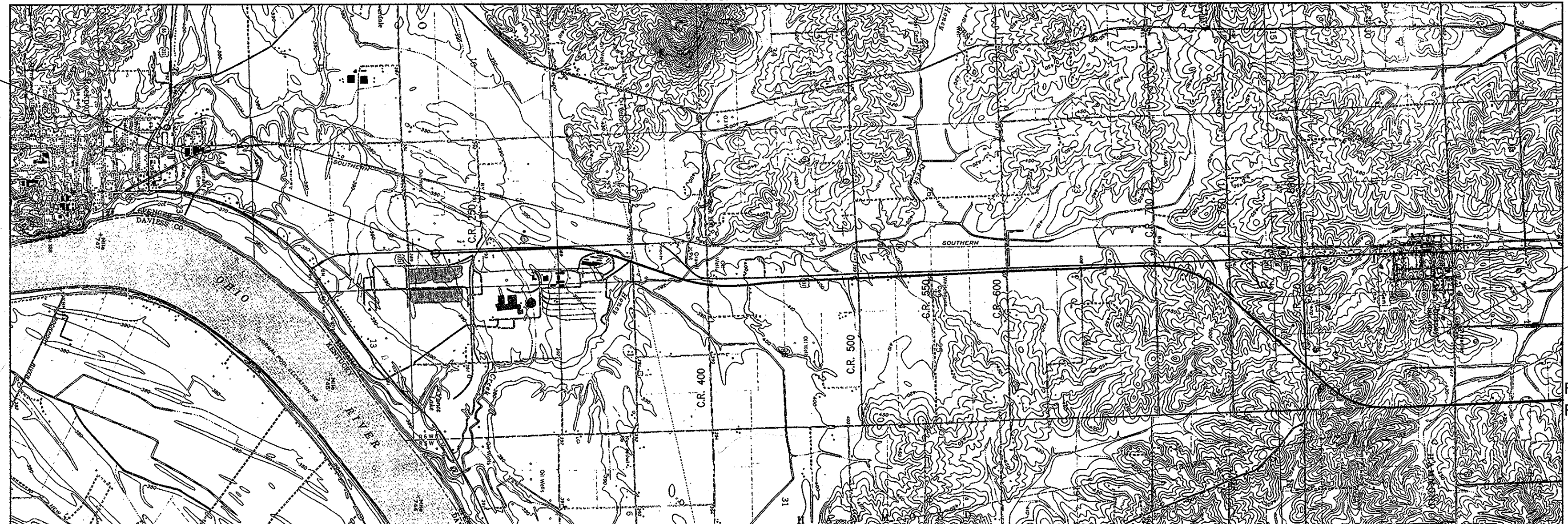
TRAFFIC DATA--CR 350 N - WEST OF US 231	
A.A.D.T. (1998)	100 V.P.D.
A.A.D.T. (2018 PROJECTED)	140 V.P.D.
D.H.V. (2018 PROJECTED)	42 V.P.H.
DIRECTIONAL DISTRIBUTION	50%
TRUCKS	0% D.H.V.
	0% A.A.D.T.

DESIGN DATA	
DESIGN SPEED	60 kmph
PROJECT DESIGN CRITERIA	NEW CONSTRUCTION
FUNCTIONAL CLASSIFICATION	LOCAL COLLECTOR
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	NONE

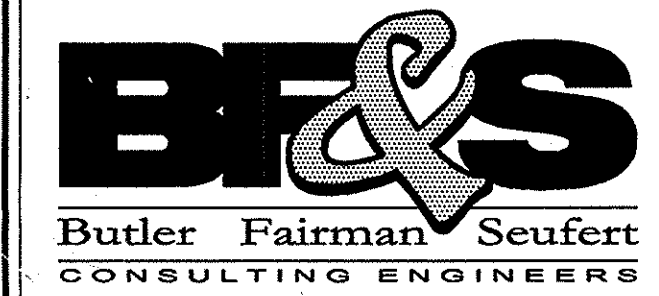
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D.H.V. (2018 PROJECTED)	108 V.P.H.
DIRECTIONAL DISTRIBUTION	50%
TRUCKS	9% D.H.V.
	10% A.A.D.T.

DESIGN DATA	
DESIGN SPEED	80 kmph
PROJECT DESIGN CRITERIA	NEW CONSTRUCTION
FUNCTIONAL CLASSIFICATION	LOCAL MAJOR COLLECTOR
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	NONE

BEGIN PROJECT NO. NH-075-3 ()
PHASE "1A"
STA. 3+352.800 LINE "A"



R/W ENGINEERING PLANS PREPARED BY:



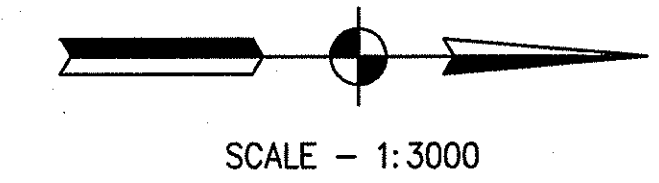
8450 Westfield Boulevard, Suite 300
Indianapolis, Indiana 46240-8302
Telephone: 317-713-4615
Fax: 317-713-4616
E-Mail: bfs@bfsengr.com

THESE PLANS PREPARED BY

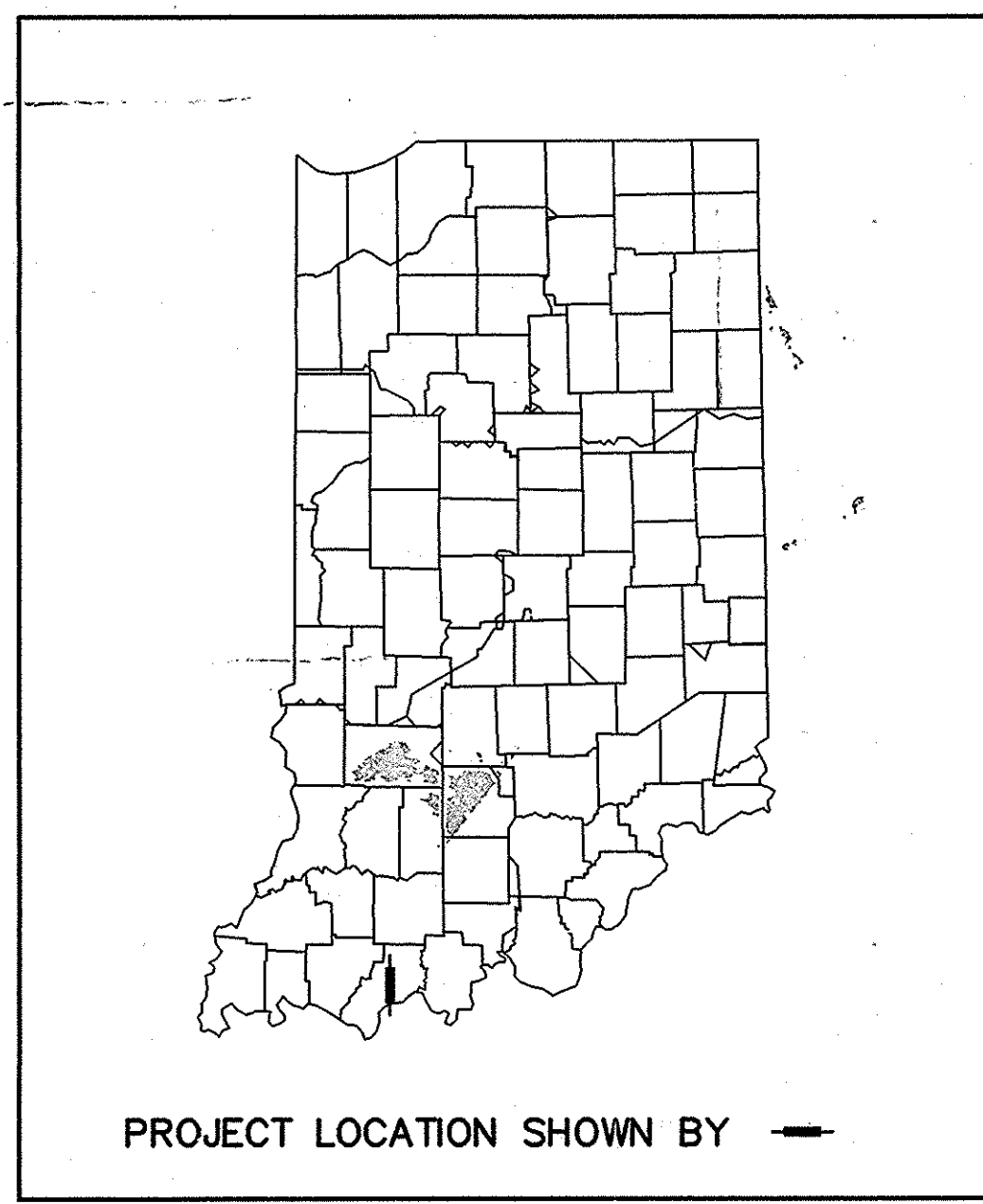
CONGDON ENGINEERING ASSOCIATES, INC.
INDIANAPOLIS, INDIANA
(317)-876-0064

CERTIFIED BY: JUDITH G. CONGDON, P.E. DATE

US231 LINE "A"	
BRIDGE LENGTH :	km
ROADWAY LENGTH :	10.087 km
TOTAL LENGTH :	10.087 km
MAX. GRADE :	1.90%



[INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 1999
TO BE USED WITH THESE PLANS]



PROJECT LOCATION SHOWN BY

JANUSSEN & SPAANS ENGINEERING
2025 East 56th Street
Indianapolis, Indiana 46220
Business (317) 254-9888 Fax (317) 254-9882

CERTIFIED BY: LEO SPAANS, P.E. DATE

INDIANA DEPARTMENT OF TRANSPORTATION
U.S. DEPT. OF TRANSPORTATION
APPROVED: _____ DATE _____
Right-of-Way Engineering Section Manager

INDIANA DEPARTMENT OF TRANSPORTATION
APPROVED: _____ DATE _____
CHIEF, DIVISION OF LAND ACQUISITION

DESIGNATION	8461360
SHEETS	1 of 89
PROJECT	NH-075-3 ()
CONTRACT	

UTILITIES

Lincoln Natural Gas Co.
317 Main Street
Rockport, IN 47635
PHONE: 1-812-649-2172

Southern Indiana Gas & Electric
219 Main Street
Rockport, IN 47635
PHONE: 1-812-649-2289

S. M. & G. Conduit Co., Inc.
Evansville, IN
PHONE: 1-812-422-0366

ANR Pipeline Co.
Celestine, IN
PHONE: 1-812-634-1991

Tele-Media Cable Television
103 North
Loogootee, IN 47553
PHONE: 1-812-852-3450

Indiana Bell
Evansville, IN
PHONE: 1-812-382-5544

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 mm Asphalt pavement shall be used.
** Typical cross sections as shown on Sheets No. 3 - 5 to be used on this project.
** Standard under dates listed in the index contained in the Contract Documents shall be used.
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 Sheet "MP".
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.
All Limited Access R/W(L.A. R/W) to be fenced with Chain Line Type Fence (CLTF) 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.
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 in 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.
Preferred 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.
Prior to extending existing pipe structures, headwall in place on extended end shall be removed.
REPRESENTS GENERAL NOTES REQUIRED

INDEX

Table with columns: SHEET NO., DESIGNATION, F.H.W.A. APPROVAL, DATE ADOPTED, LATEST REVISION. Includes title sheet, index sheet, location control route survey, plat no. 1, typical cross section, plan & profile, approach table, and a large X over the rest of the index table.

REVISIONS

Table with columns: SHEET NO., DATE, REVISED. Lists various revisions to sheets 11, 12, 36-40, 9, 10, 25, 26, 33, 56, 11, 37, & 69, 41, 60, 61, & 65, 11, 37, 38, 66-69, and 13, 47.

R/W INDEX

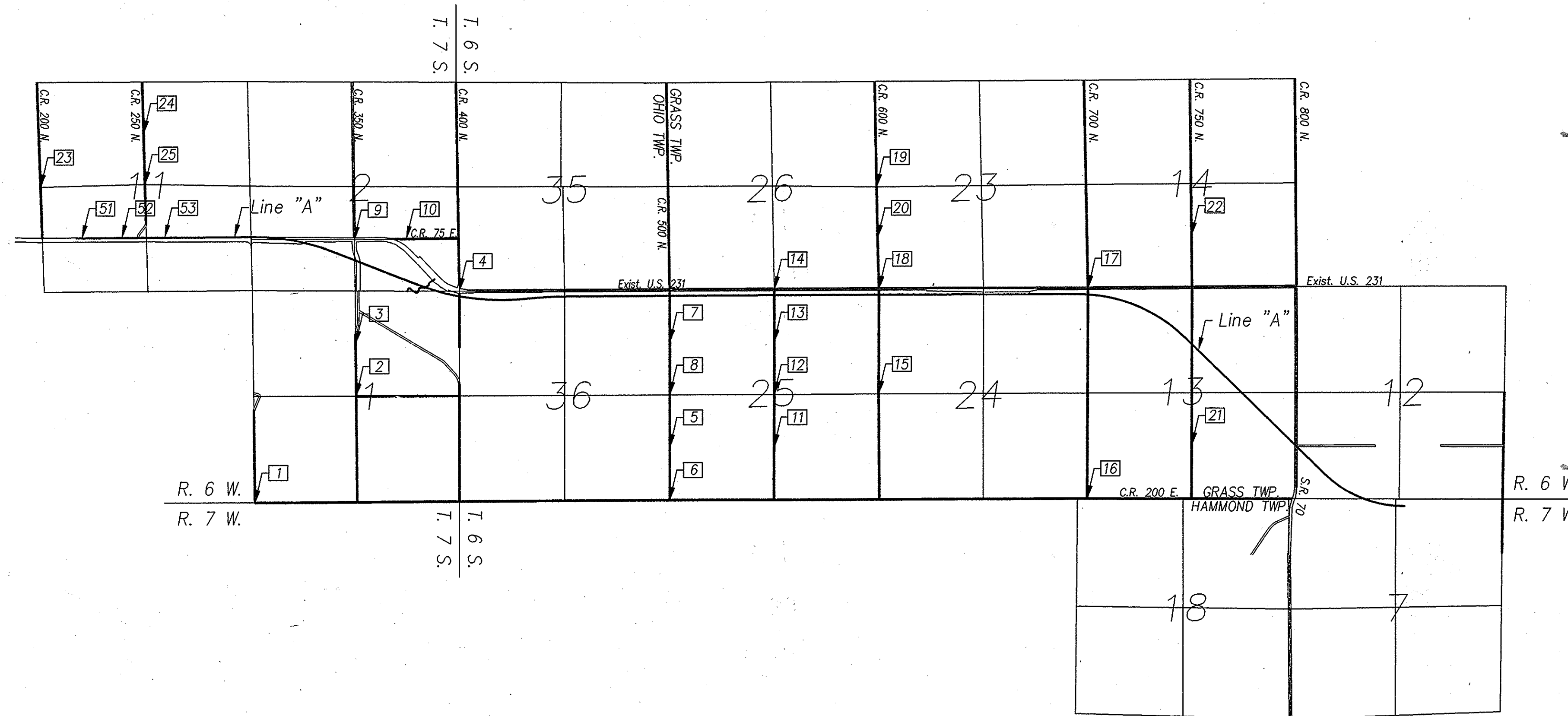
Table with columns: SHEET NO., DESIGNATION. Lists sheets 1 through 89 with their corresponding designations such as Title Sheet, Index Sheet, Location Control Route Survey Plat, Plat No. 1, Typical Sections, Deleted, Plan & Profiles, Layout, and Approach Table.

FILENAME: C:\PROJECTS\98011\9801INDEX.DWG DATE: 10-30-03 AT 11:24 AM

INDIANA DEPARTMENT OF TRANSPORTATION
US 231 GENERAL NOTES AND INDEX
RECOMMENDED FOR APPROVAL DESIGN ENGINEER DATE
DESIGNED: KAC DRAWN: RGS
CHECKED: CHECKED: KAC
HORIZONTAL SCALE 1:1 BRIDGE FILE
VERTICAL SCALE 1:1 DESIGNATION 8461360
SURVEY BOOK SHEETS 2 of 89
CONTRACT PROJECT NH-075-3 ()

SURVEYOR'S REPORT

FOR ROUTE SURVEY
 INDOT PROJECT NH-075-3()
 DES. NO. 8461360
 U.S. 231, SPENCER COUNTY
 DATE: OCTOBER 1998 - OCTOBER 1999



GENERAL:

The within plat represents the control line survey, the location of Public Land Survey subdivision corners, and the Surveyor's Report required in accordance with the specifications outlined in 865 IAC 1-12 (Rule 12), as part of a route survey. Locations of proposed right of way or easement lines associated with the route survey and acquisition descriptions for these rights of ways or easements will be prepared separately for each acquisition document by others. The acquisition documents and this plat will, together, comprise a completed Location Control Route Survey. In accordance with Rule 12, it is the intent of this Route Survey that all proposed Permanent and Temporary Easement lines shown on any separate, cross referenced acquisition documents be controlled by the monuments and coordinate values for points along the survey line as identified hereon.

All monument reference ties are shown on the Route Survey Plat. Should additional USPLS corners be needed where none were found, they should be reestablished and tied into this survey.

Field measurements for this survey were in accordance with the specifications outlined in 865 IAC 1-12. Measurements are shown to the nearest 0.001 meter, not to indicate the precision of the work, but to allow for closure and adjustment by others, if desired.

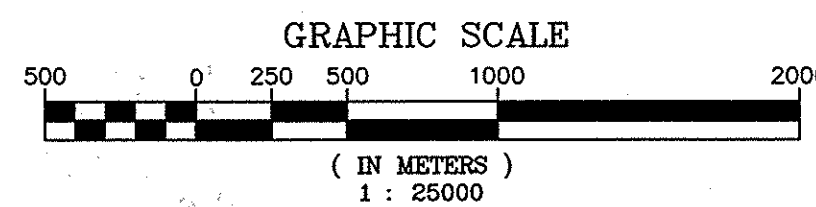
The coordinates shown on the monuments are metric and are in the NAD 83 State Plane Coordinate System or latitude and longitude values. This coordinate system was established based upon a survey performed by HNTB Corporation of Indianapolis, Indiana, who provided control points data for the entire corridor.

The survey for this southernmost portion of the corridor project was tied to an existing Location Control Route Survey performed and recorded by Primavera & Associates of Corydon, Indiana for the adjoining Kentucky bridge and approach project for U.S. 231 (INDOT Land Acquisition Dept. Code 3630), and recorded as Instrument #97-3459 in Survey Book #2, Page 81, on August 11, 1997, in the Office of the County Recorder in Spencer County, Indiana. This was accomplished by locating three station monuments that were found and identified as being on the Line "Cw" of that Route Survey project. The bearing between these points determined the alignment of Line "A" for this Route Survey. Those found monuments (tie-box numbers 51, 52 & 53 on Sheet 8) were located per the ties defined on the above-referenced Kentucky project Route Survey (Code 3630).

Twenty-one monuments that were found in accordance with the recorded section corner information obtained from the Spencer County Surveyor's Office (tie-box numbers 1 - 3 and tie-box numbers 5 - 22 on Sheet 8 of this Route Survey) were found in, or adjoining, the project. Additionally, one apparent section corner (tie-box number 4, on Sheet 8 of this Route Survey) was located in the field, and a record of this found monument was provided to the Spencer County Surveyor's Office. Additionally, three monuments identified as section corners as defined in the above-referenced Kentucky project Route Survey (Code 3630) were found for this project (tie-box numbers 23 - 25 on Sheet 8 of this Route Survey).

The bearing of Line "A" being North 00°20'47" West between Station 3+310.128 "A" and Station 4+657.503 "A".

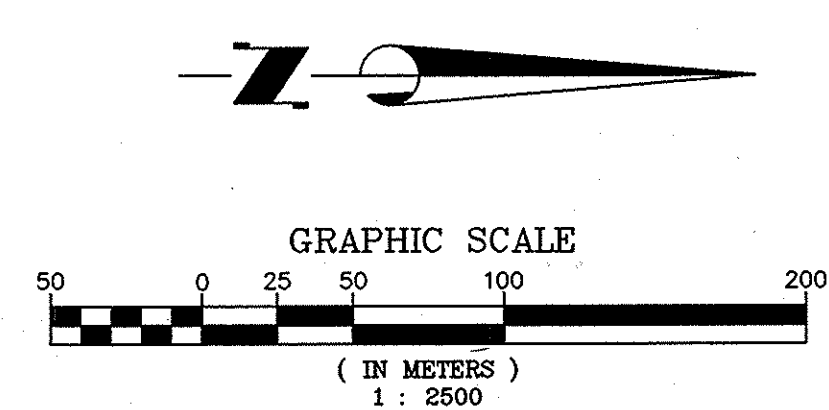
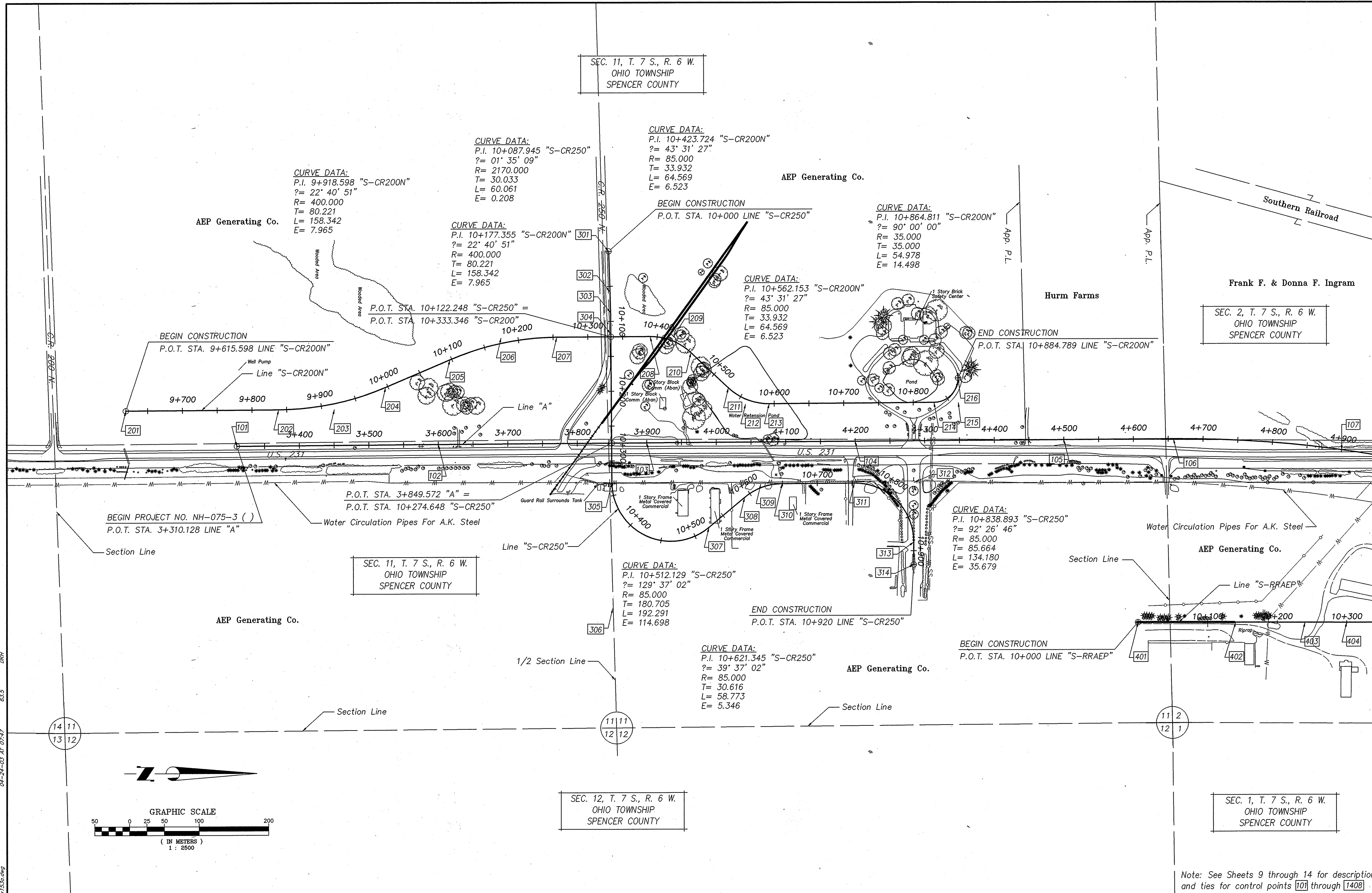
There is no uncertainty for monuments set at survey line points, 101 - 1408, all being original monuments. The tie-boxes for these monuments can be found on Sheets 9 through 14, within.



CEA
 Congdon Engineering Associates, Inc.
 3500 DePauw Blvd. Suite 1055
 Indianapolis, Indiana 46228
 (317) 878-0064 Fax (317) 878-0114

SURVEY STARTED OCTOBER 1998 SURVEY COMPLETED OCTOBER 1999 ROUTE SURVEY PLAT SHEET 1 of 14 Surveyor Project No. 98011	RECORD INFORMATION THIS SURVEY HAS BEEN RECORDED IN THE OFFICE OF THE COUNTY RECORDER IN SPENCER COUNTY, INDIANA, AS INSTRUMENT NUMBER 99-5718, IN SURVEY BOOK 3, PAGES 37 - 50, WHICH WAS RECORDED ON THE 18th DAY OF NOVEMBER, 1999, IN OFFICIAL RECORDS.	SURVEYOR STATEMENT THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF IS EXECUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12-20 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF THE EXISTING PARCELS IS NOT PART OF THIS SURVEY.	RECOMMENDED FOR APPROVAL SIGNATURE: _____ DATE: _____ REGISTERED LAND SURVEYOR	INDIANA DEPARTMENT OF TRANSPORTATION LOCATION CONTROL ROUTE SURVEY PLAT U.S. 231	HORIZONTAL SCALE 1:25000 COUNTY SPENCER	STRUCTURE NO. DES. NO. 8461360
	DRAWN: J.B.R. DATE: 8/20/99 CHECKED: M.L.C. DATE: 11/11/99	MICHAEL L. CRAWFORD REGISTERED No. 890004 STATE OF INDIANA LAND SURVEYOR	SURVEY BOOK 3 SHEETS of 89		PROJECT NO. NH-075-3()	

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 04-24-03 AT 07:46
 6:55
 DWT



Note: See Sheets 9 through 14 for description and ties for control points [10] through [1408]

SURVEY STARTED	OCTOBER 1998
SURVEY COMPLETED	OCTOBER 1999
ROUTE SURVEY PLAT SHEET	2 of 14
Surveyor Project No.	98011

SURVEYOR STATEMENT

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF IS EXECUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12-20 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF THE EXISTING PARCELS IS NOT PART OF THIS SURVEY.

MICHAEL L. CRAWFORD
 REGISTERED
 No. 890004
 STATE OF INDIANA
 LAND SURVEYOR

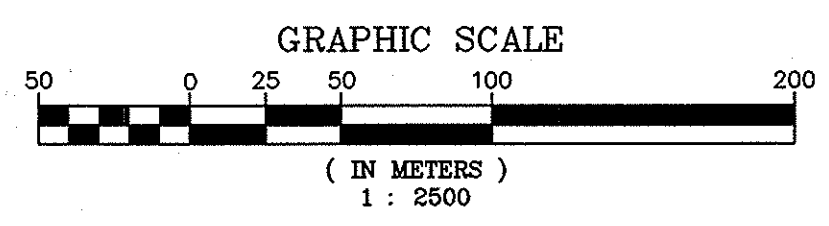
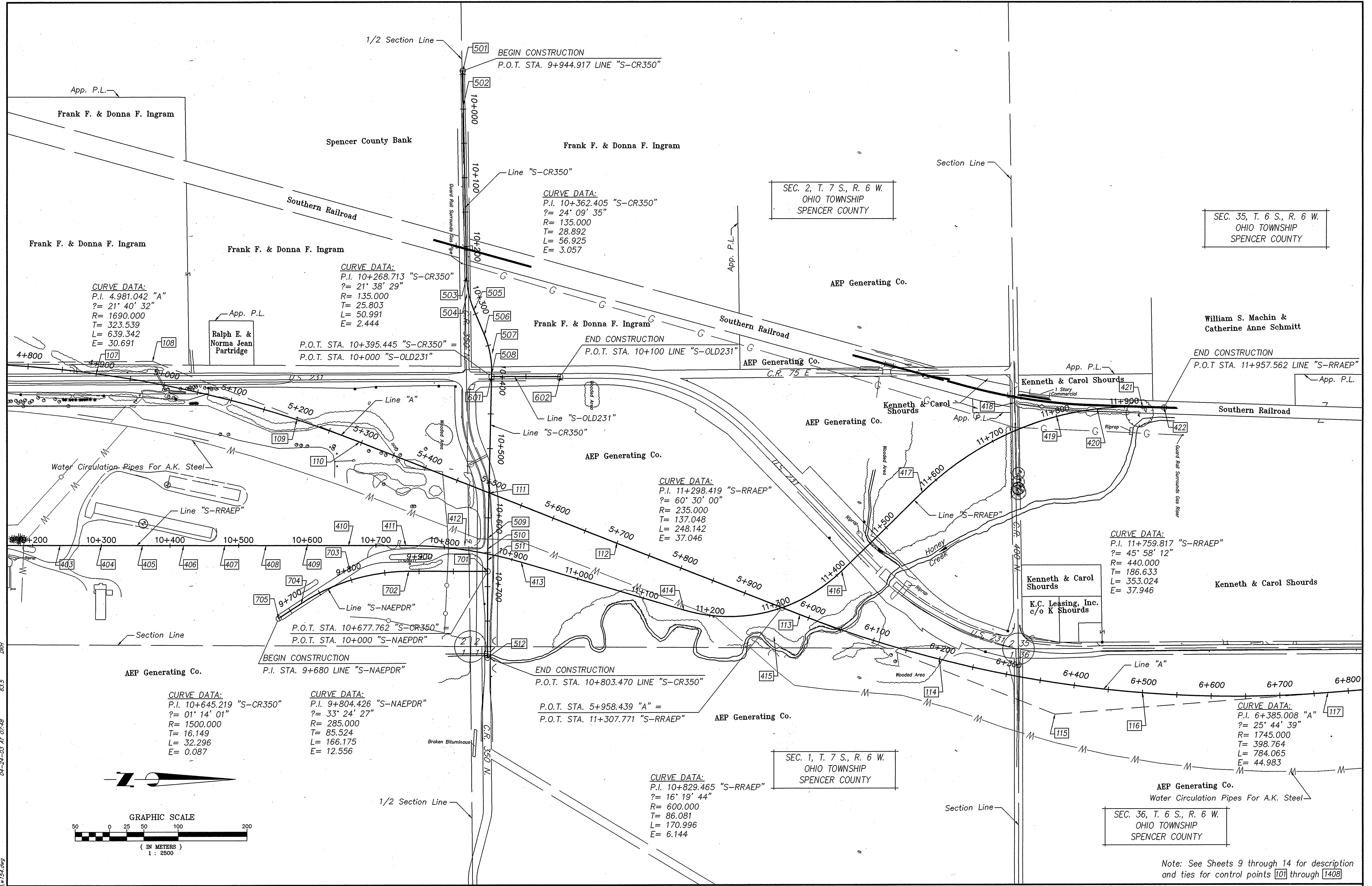
RECOMMENDED FOR APPROVAL	
SIGNATURE:	REGISTERED LAND SURVEYOR™ DATE
DRAWN: BTK	DATE: 8/19/99
CHECKED: M.L.C.	DATE: 11/11/99

INDIANA DEPARTMENT OF TRANSPORTATION

LOCATION CONTROL ROUTE SURVEY PLAT
 U.S. 231

HORIZONTAL SCALE	STRUCTURE NO.
1:2500	
COUNTY	DES. NO.
SPENCER	8461360
SURVEY BOOK	SHEETS
	3A of 89
CONTRACT	PROJECT NO.
	NH-075-3()

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 8/19/99



Note: See Sheets 9 through 14 for description and ties for control points 101 through 1408

613727.06105140702001.3042 11/15/99
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SURVEY STARTED	OCTOBER 1998
SURVEY COMPLETED	OCTOBER 1999
ROUTE SURVEY PLAT SHEET	3 of 14
Surveyor Project No.	98011

SURVEYOR STATEMENT	
THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF IS EXECUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12-20 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF THE EXISTING PARCELS IS NOT PART OF THIS SURVEY.	

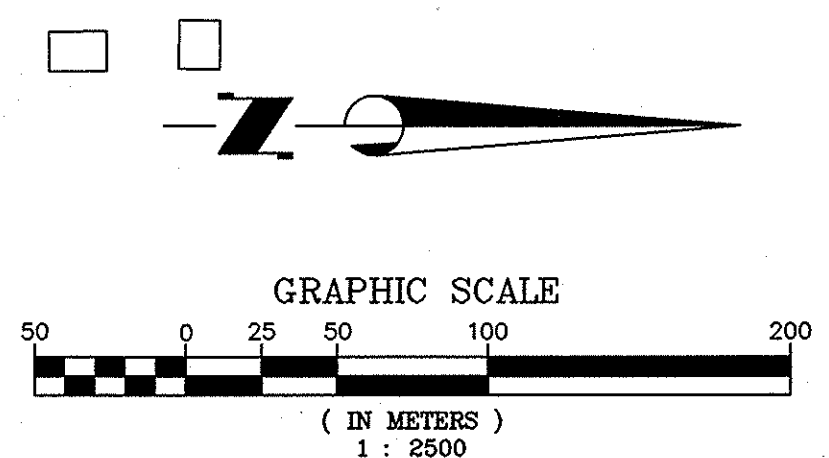
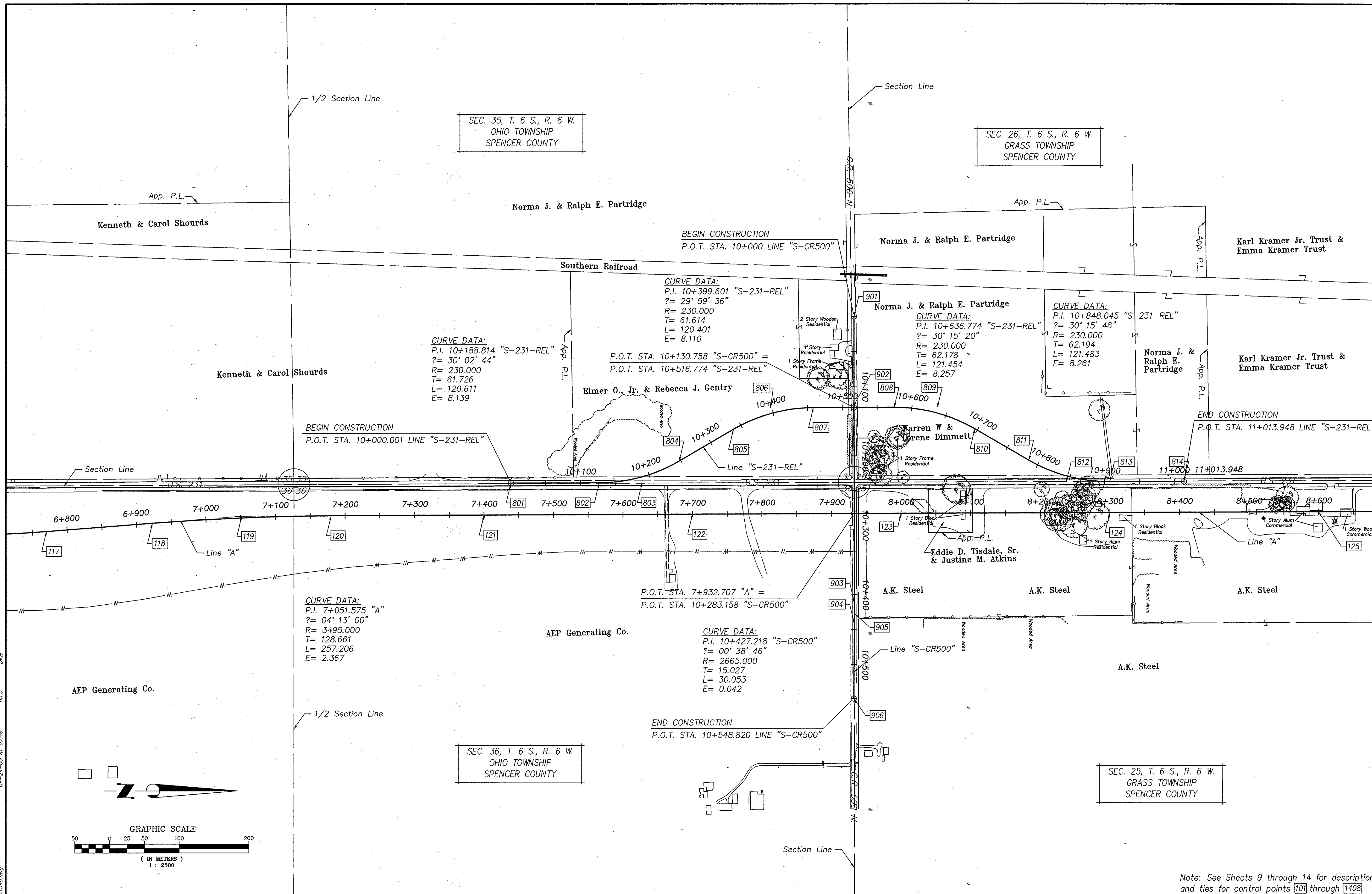
SURVEYOR STATEMENT	
THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF IS EXECUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12-20 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF THE EXISTING PARCELS IS NOT PART OF THIS SURVEY.	

MICHAEL L. CRAWFORD
 REGISTERED LAND SURVEYOR
 No. 890004
 STATE OF INDIANA

RECOMMENDED FOR APPROVAL	
SIGNATURE:	REGISTERED LAND SURVEYOR DATE
DRAWN: BTK	DATE: 8/19/99
CHECKED: M.L.C.	DATE: 11/11/99

INDIANA DEPARTMENT OF TRANSPORTATION
 LOCATION CONTROL ROUTE SURVEY
 U.S. 231

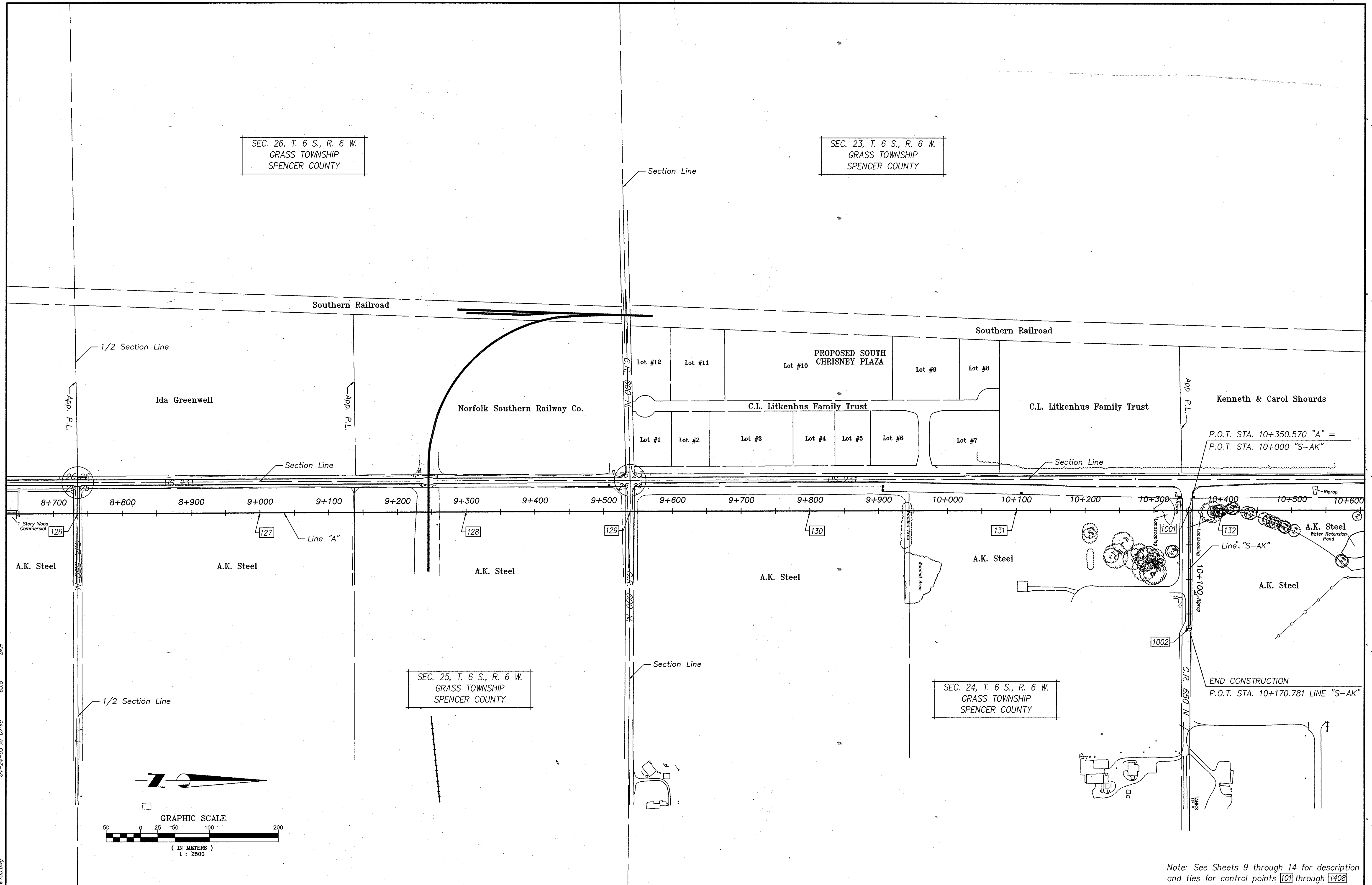
HORIZONTAL SCALE	STRUCTURE NO.
1:2500	
COUNTY	DES. NO.
SPENCER	8461360
SURVEY BOOK	SHEETS
	4 of 89
CONTRACT	PROJECT NO.
	NH-075-3()



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Note: See Sheets 9 through 14 for description and ties for control points 101 through 1408

SURVEY STARTED OCTOBER 1998 SURVEY COMPLETED OCTOBER 1999 ROUTE SURVEY PLAT SHEET 4 of 14 Surveyor Project No. 98011	<h3 style="text-align: center;">SURVEYOR STATEMENT</h3> <p style="text-align: center;">THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF IS EXECUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12-20 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF THE EXISTING PARCELS IS NOT PART OF THIS SURVEY.</p>	<p style="text-align: center;">MICHAEL L. CRAWFORD REGISTERED No. 890004 STATE OF INDIANA LAND SURVEYOR</p>	RECOMMENDED FOR APPROVAL SIGNATURE: _____ DATE: _____ REGISTERED LAND SURVEYOR DRAWN: BTK DATE: 8/20/99 CHECKED: M.L.C. DATE: 11/11/99	<h3 style="text-align: center;">INDIANA DEPARTMENT OF TRANSPORTATION</h3> <h3 style="text-align: center;">LOCATION CONTROL ROUTE SURVEY</h3> <p style="text-align: center;">U.S. 231</p>	<table border="1"> <tr> <td>HORIZONTAL SCALE</td> <td>STRUCTURE NO.</td> </tr> <tr> <td>1:2500</td> <td></td> </tr> <tr> <td>COUNTY</td> <td>DES. NO.</td> </tr> <tr> <td>SPENCER</td> <td>8461360</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEETS</td> </tr> <tr> <td></td> <td>4A of 89</td> </tr> <tr> <td>CONTRACT</td> <td>PROJECT NO.</td> </tr> <tr> <td></td> <td>NH-075-3()</td> </tr> </table>	HORIZONTAL SCALE	STRUCTURE NO.	1:2500		COUNTY	DES. NO.	SPENCER	8461360	SURVEY BOOK	SHEETS		4A of 89	CONTRACT	PROJECT NO.		NH-075-3()
HORIZONTAL SCALE	STRUCTURE NO.																				
1:2500																					
COUNTY	DES. NO.																				
SPENCER	8461360																				
SURVEY BOOK	SHEETS																				
	4A of 89																				
CONTRACT	PROJECT NO.																				
	NH-075-3()																				



Note: See Sheets 9 through 14 for description and ties for control points 1001 through 1408

SURVEY STARTED	
OCTOBER 1998	
SURVEY COMPLETED	
OCTOBER 1999	
ROUTE SURVEY PLAT SHEET	
5	of 14
Surveyor Project No.	
98011	

SURVEYOR STATEMENT	
THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF IS EXECUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12-20 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF THE EXISTING PARCELS IS NOT PART OF THIS SURVEY.	

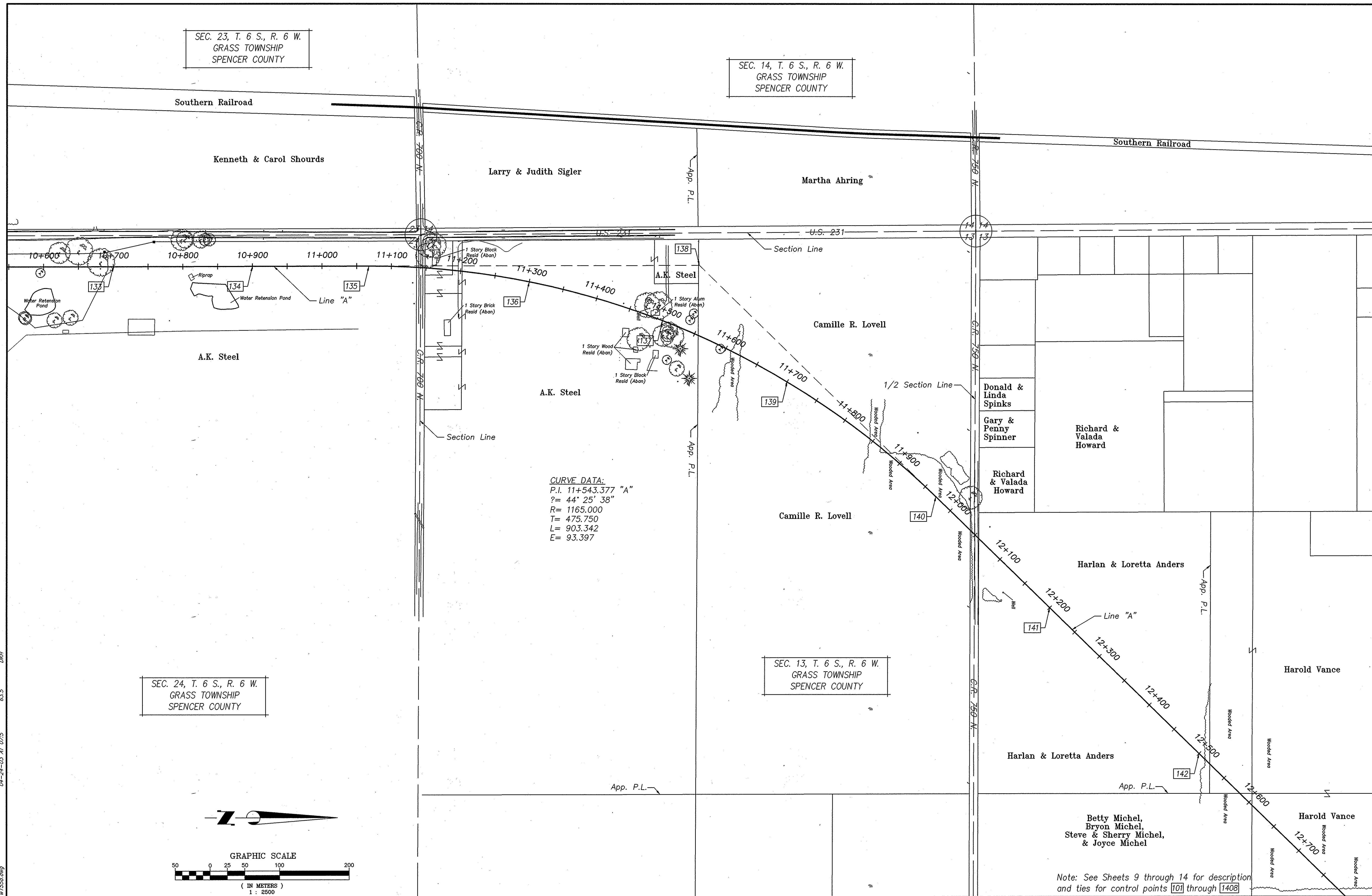
SURVEYOR STATEMENT	
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RECOMMENDED FOR APPROVAL	
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DRAWN: BTK	DATE: 8/20/99
CHECKED: M.L.C.	DATE: 11/11/99

INDIANA DEPARTMENT OF TRANSPORTATION	
LOCATION CONTROL ROUTE SURVEY US 231	

HORIZONTAL SCALE	STRUCTURE NO.
1:2500	
COUNTY	DES. NO.
SPENCER	8461360
SURVEY BOOK	SHEETS
	5 of 89
CONTRACT	PROJECT NO.
	NH-075-3()

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63.5
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SURVEY STARTED	OCTOBER 1998
SURVEY COMPLETED	OCTOBER 1999
ROUTE SURVEY PLAT SHEET	6 of 14
Surveyor Project No.	98011

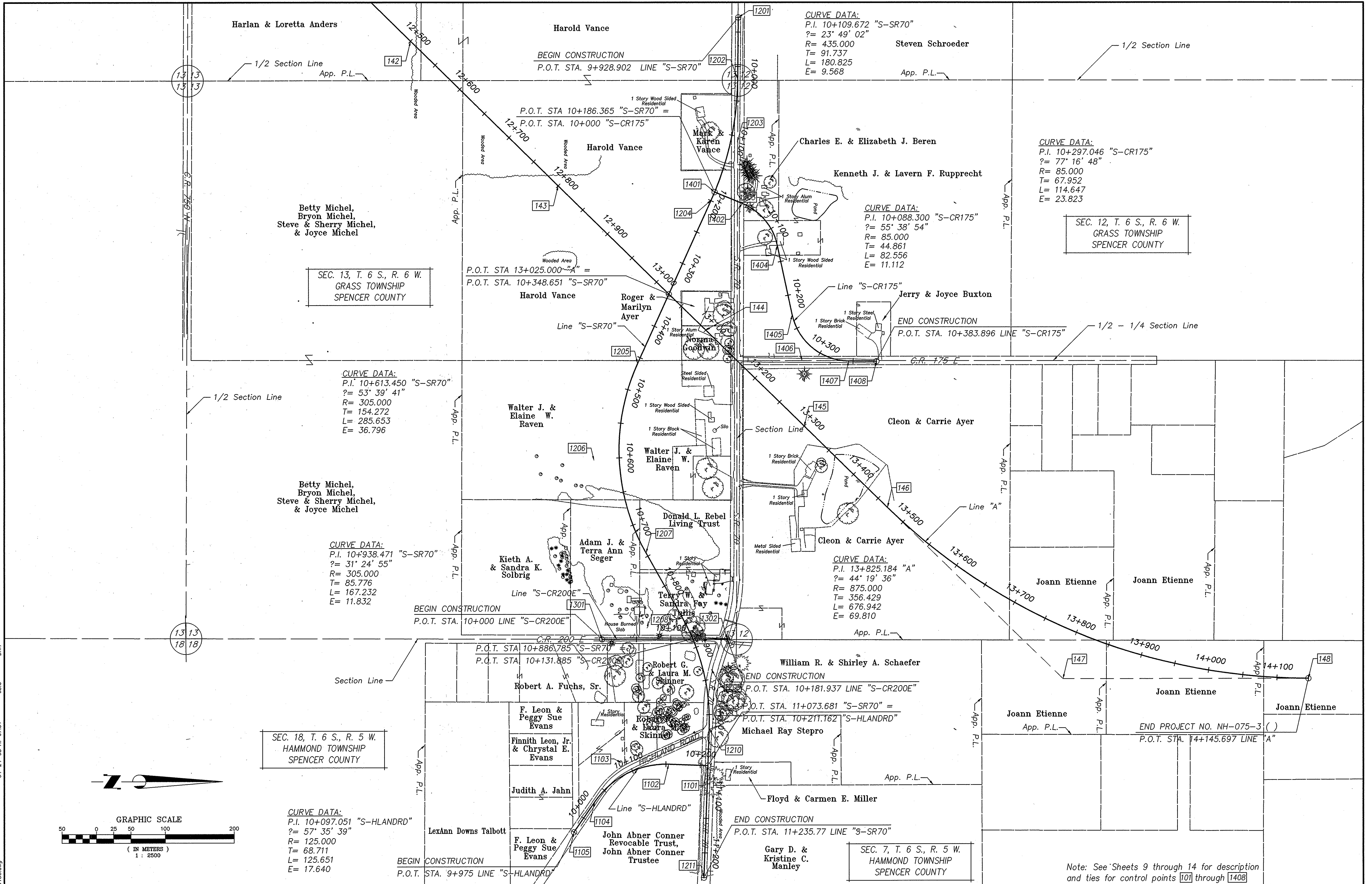
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MICHAEL L. CRAWFORD	
REGISTERED No. 890004 STATE OF INDIANA LAND SURVEYOR	

RECOMMENDED FOR APPROVAL	
SIGNATURE:	REGISTERED LAND SURVEYOR DATE
DRAWN: BTK	DATE: 8/23/99
CHECKED: M.L.C.	DATE: 11/11/99

INDIANA DEPARTMENT OF TRANSPORTATION	
LOCATION CONTROL ROUTE SURVEY U.S. 231	

HORIZONTAL SCALE	STRUCTURE NO.
1:2500	
COUNTY	DES. NO.
SPENCER	8461360
SURVEY BOOK	SHEETS
	5A of 89
CONTRACT	PROJECT NO.
	NH-075-3()



SURVEY STARTED	OCTOBER 1998
SURVEY COMPLETED	OCTOBER 1999
ROUTE SURVEY PLAT SHEET	7 of 14
Surveyor Project No.	98011

SURVEYOR STATEMENT

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RECOMMENDED FOR APPROVAL

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DRAWN: BTK DATE: 8/23/99

CHECKED: M.L.C. DATE: 11/11/99

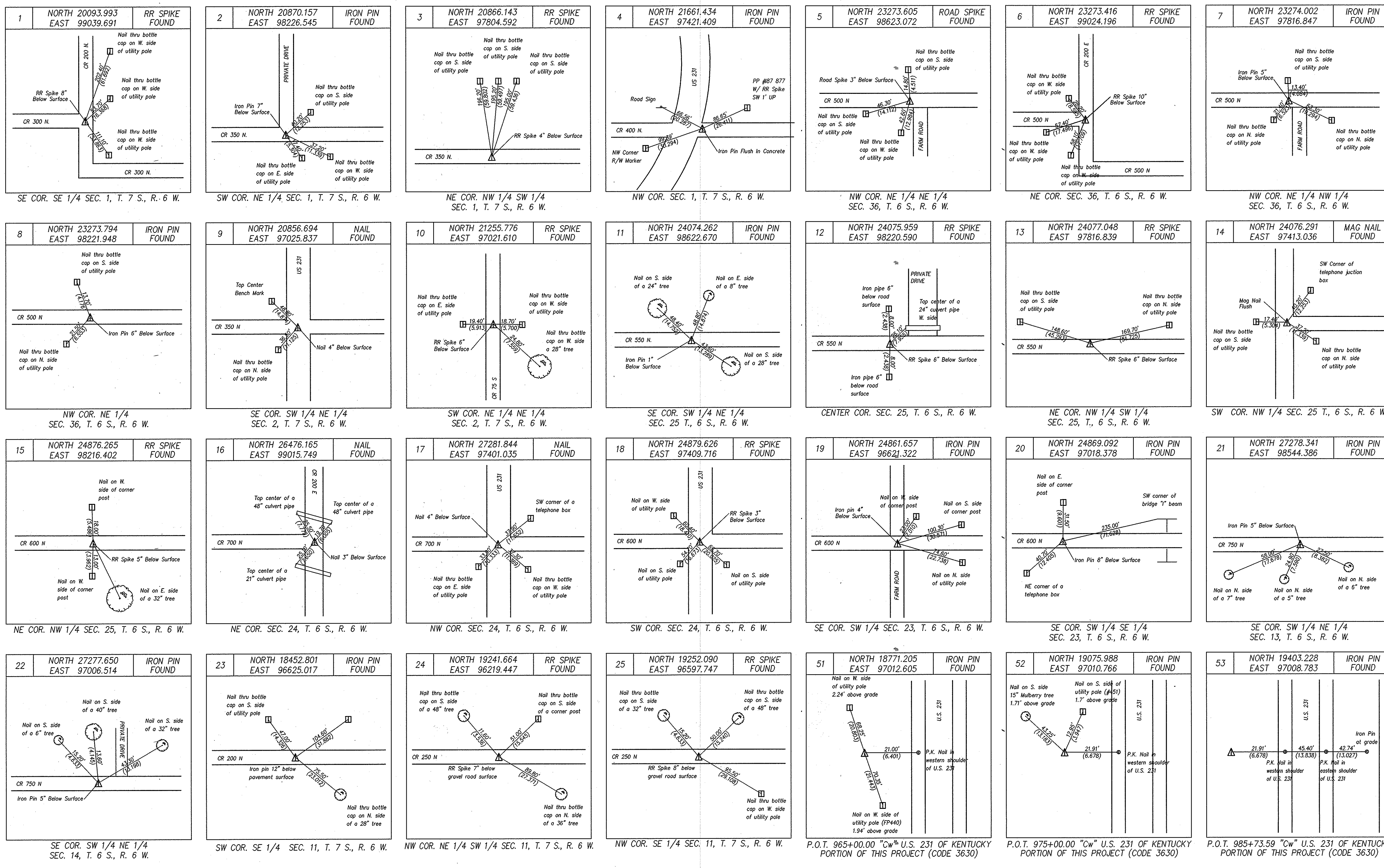
INDIANA DEPARTMENT OF TRANSPORTATION

LOCATION CONTROL ROUTE SURVEY
 U.S. 231

HORIZONTAL SCALE	1:2500	STRUCTURE NO.	
COUNTY	SPENCER	DES. NO.	8461360
SURVEY BOOK		SHEETS	6 of 89
CONTRACT		PROJECT NO.	NH-075-3()

Note: See Sheets 9 through 14 for description and ties for control points 101 through 148

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SURVEY STARTED	
OCTOBER 1998	
SURVEY COMPLETED	
OCTOBER 1999	
ROUTE SURVEY PLAT SHEET	
8	of 15
Surveyor Project No.	
98011	

SURVEYOR STATEMENT

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MICHAEL L. CRAWFORD
REGISTERED
No. 890004
STATE OF INDIANA
LAND SURVEYOR

RECOMMENDED FOR APPROVAL

SIGNATURE: _____ DATE: _____
REGISTERED LAND SURVEYOR

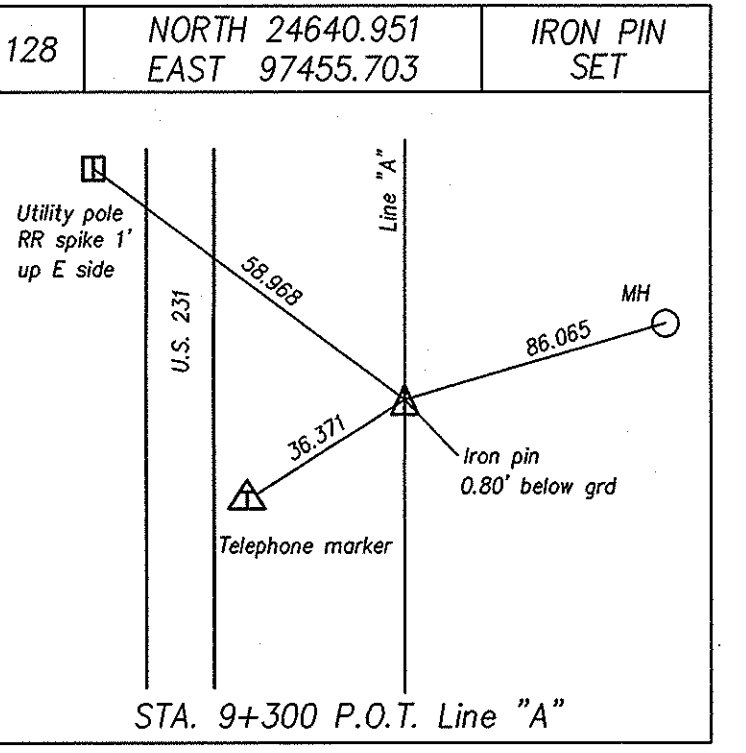
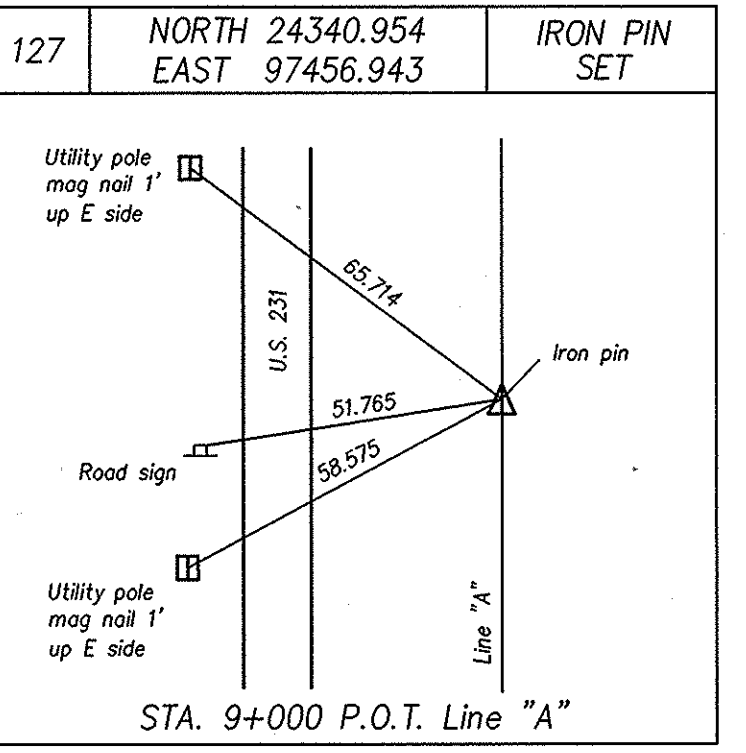
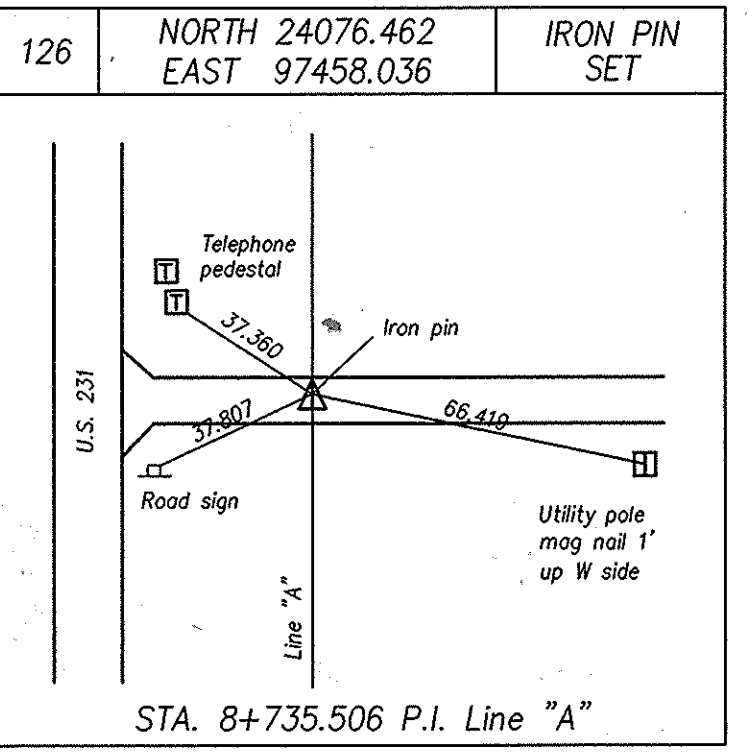
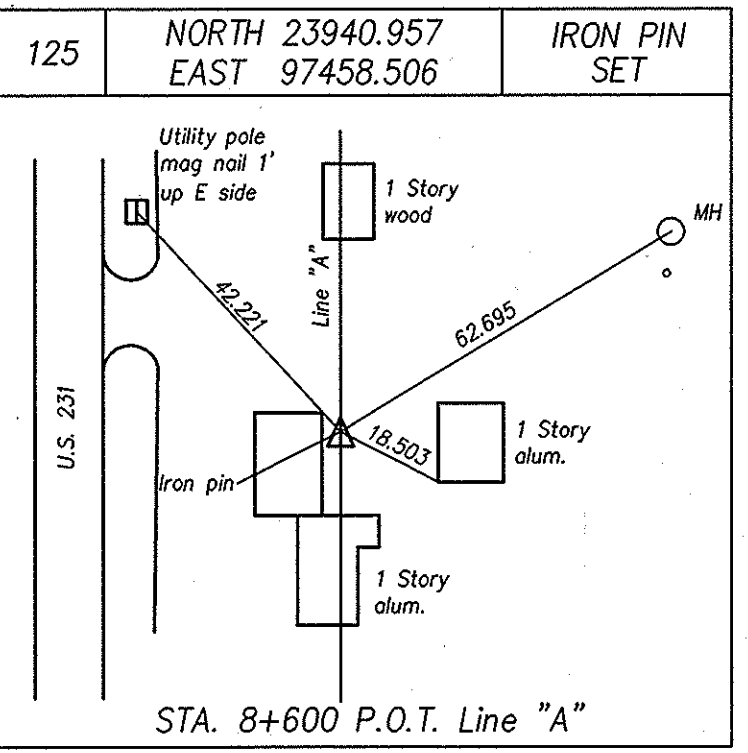
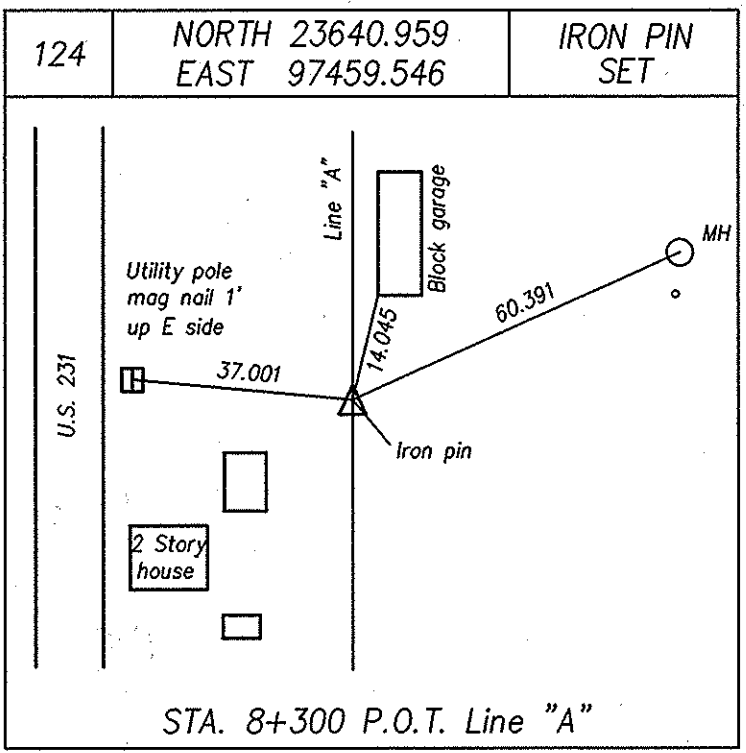
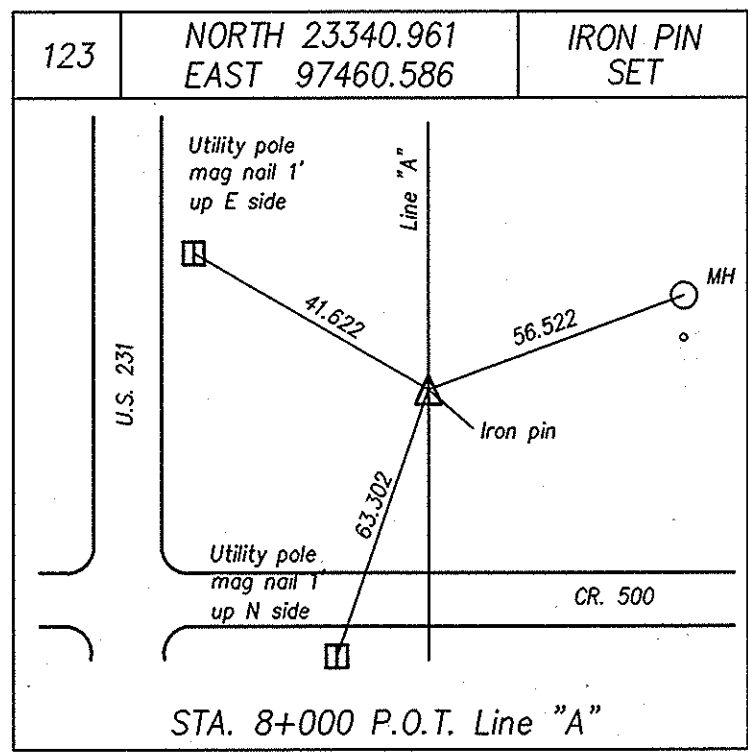
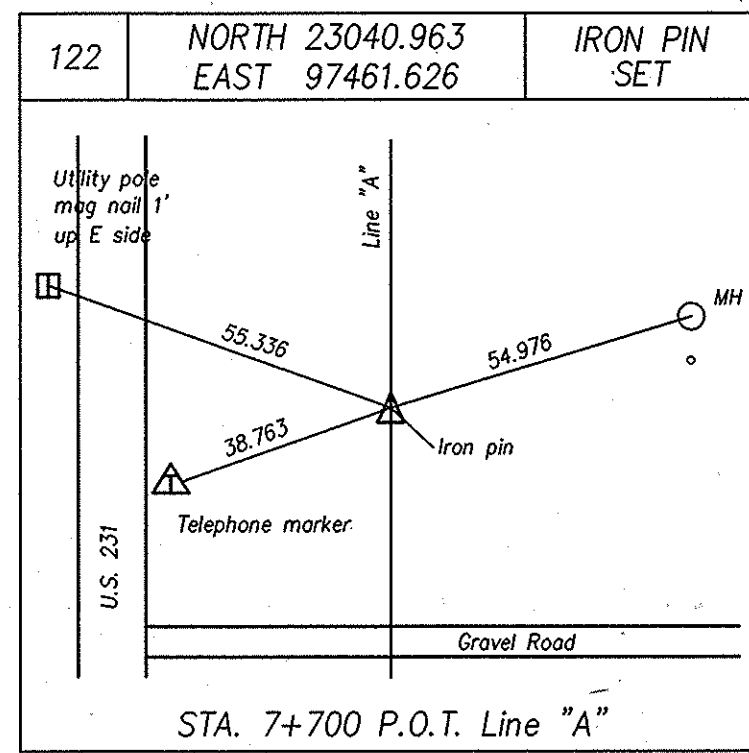
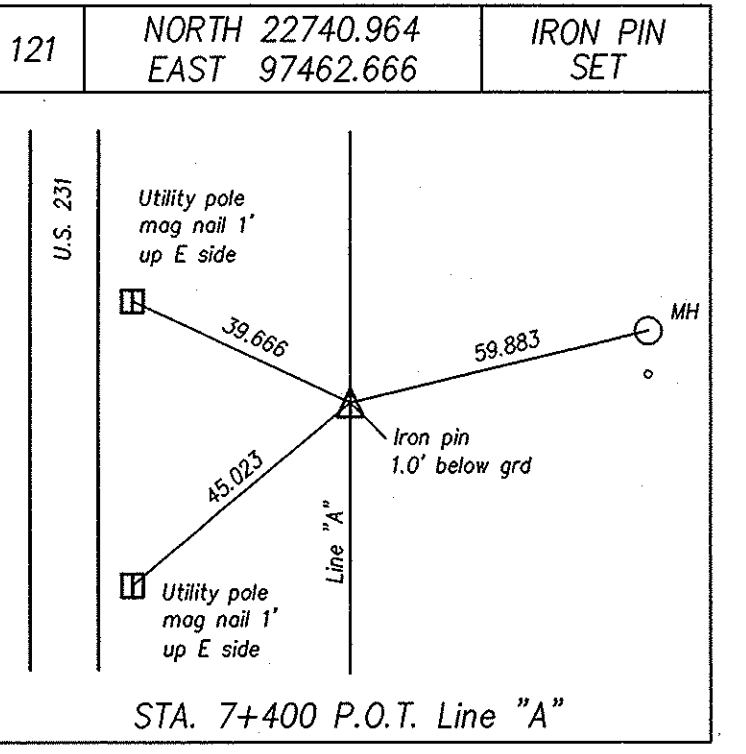
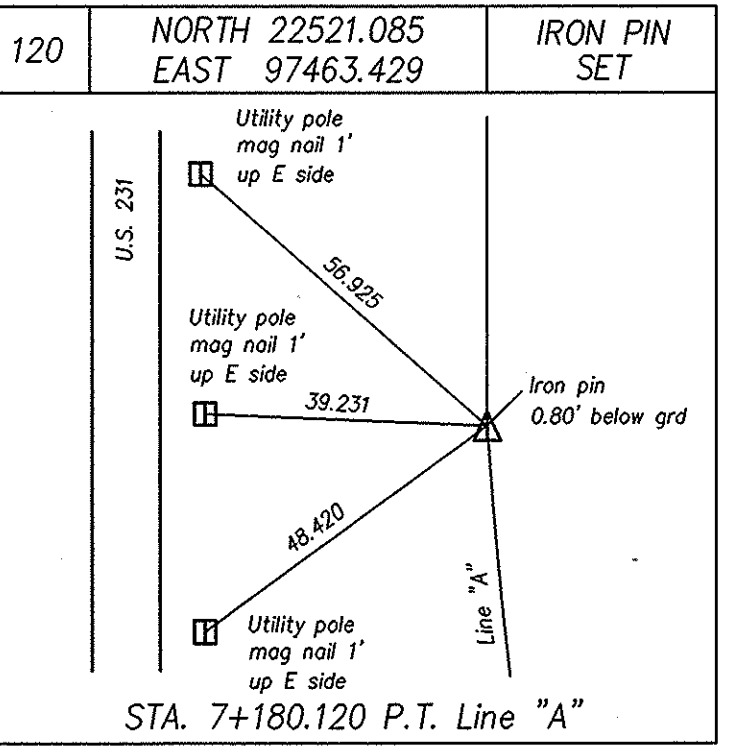
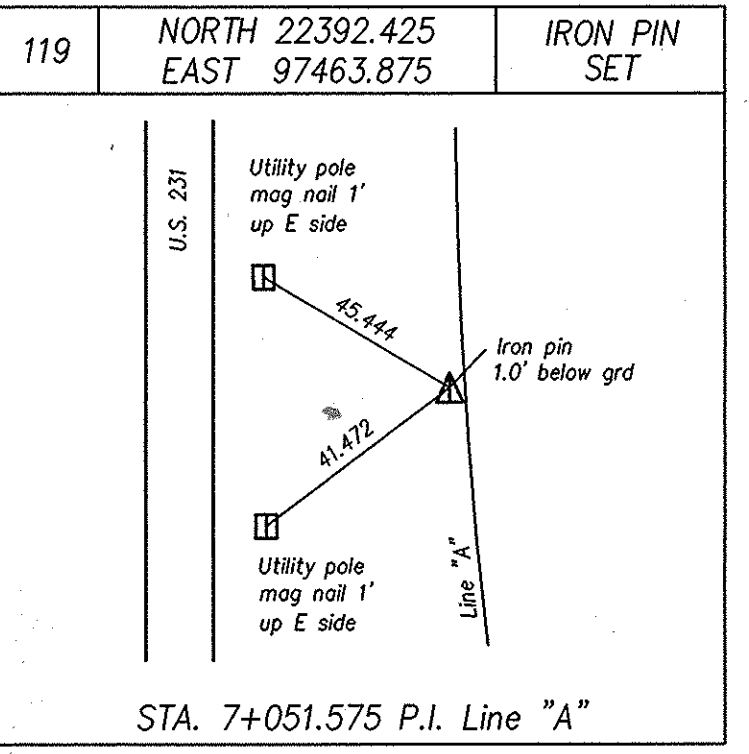
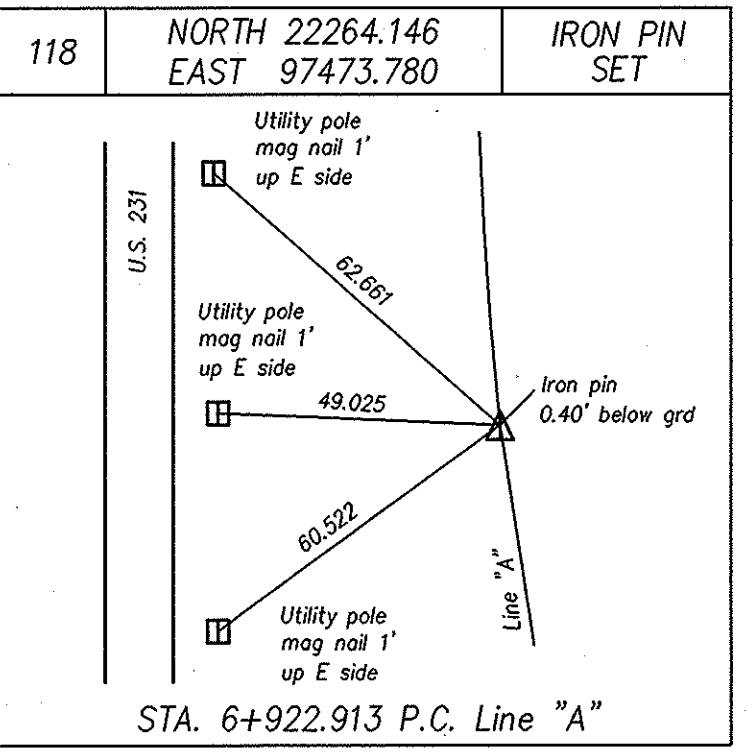
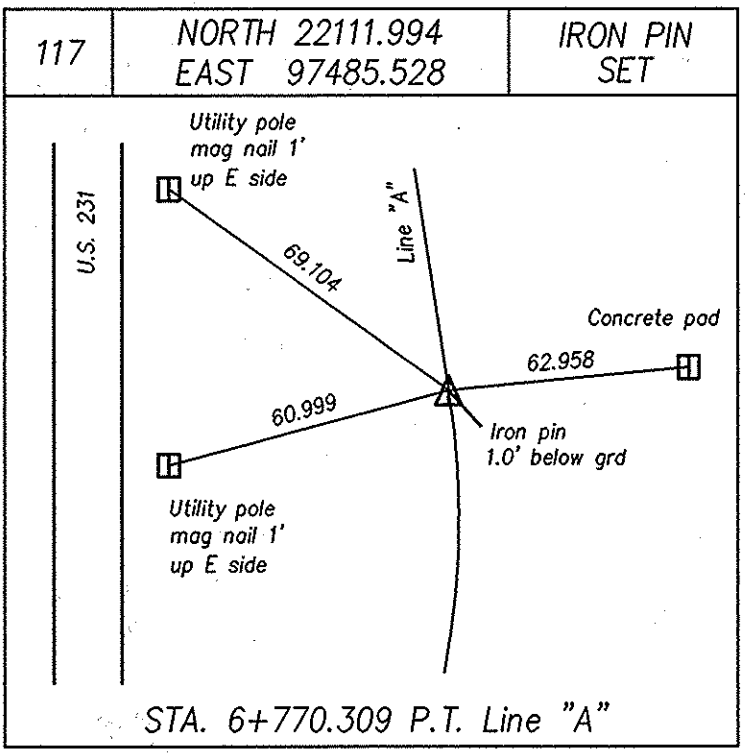
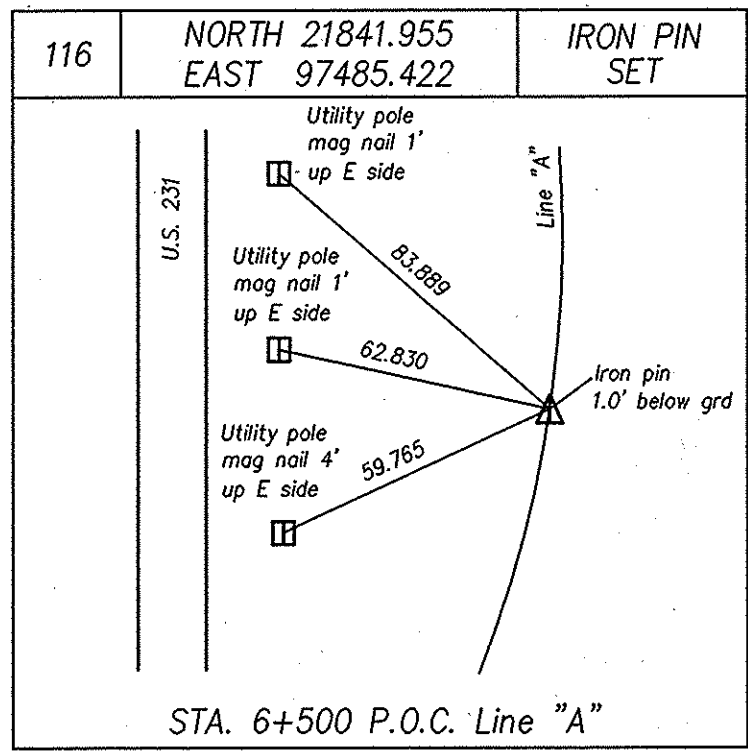
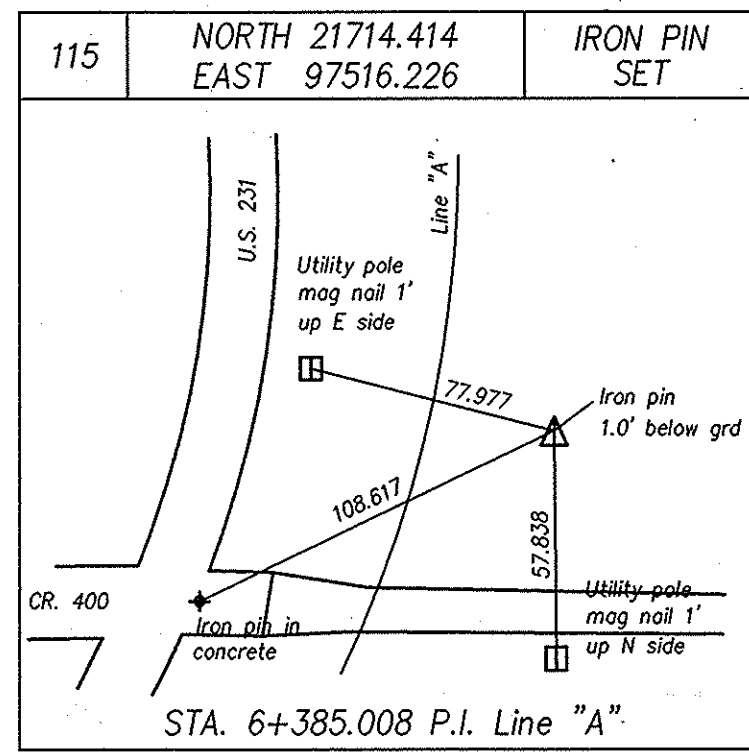
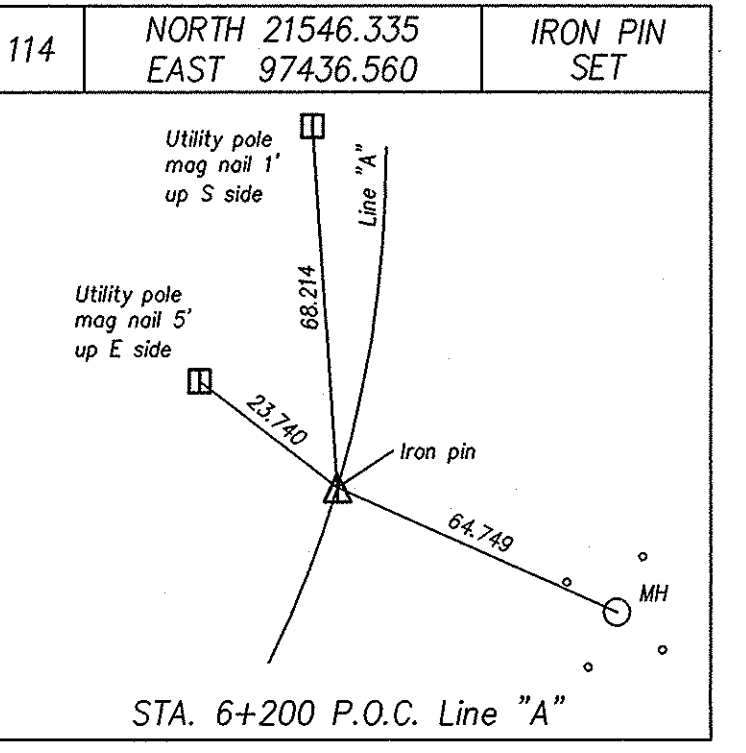
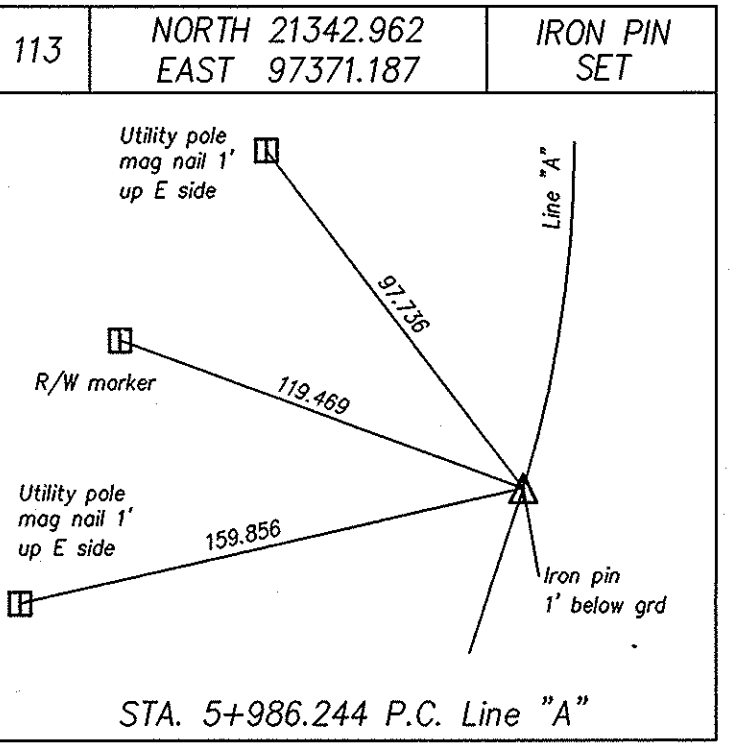
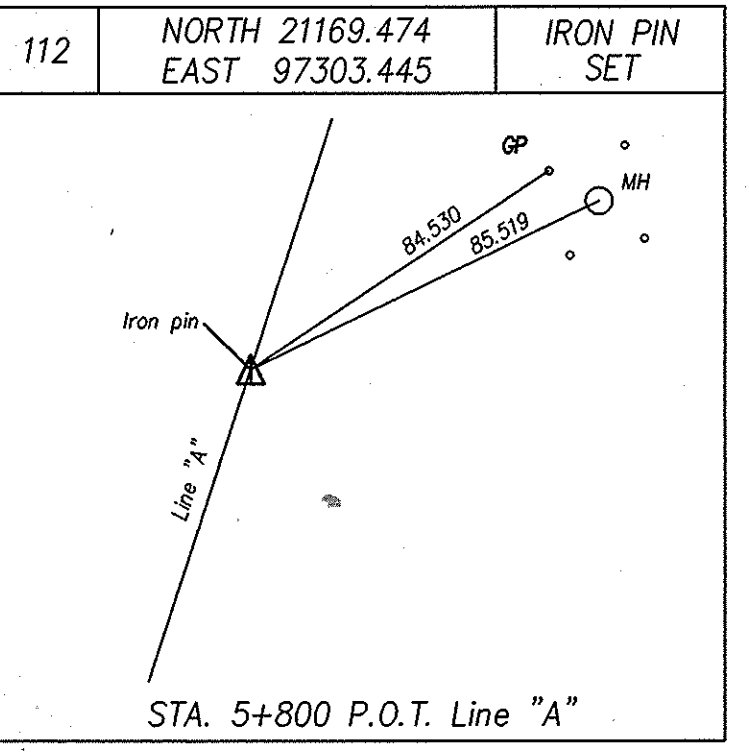
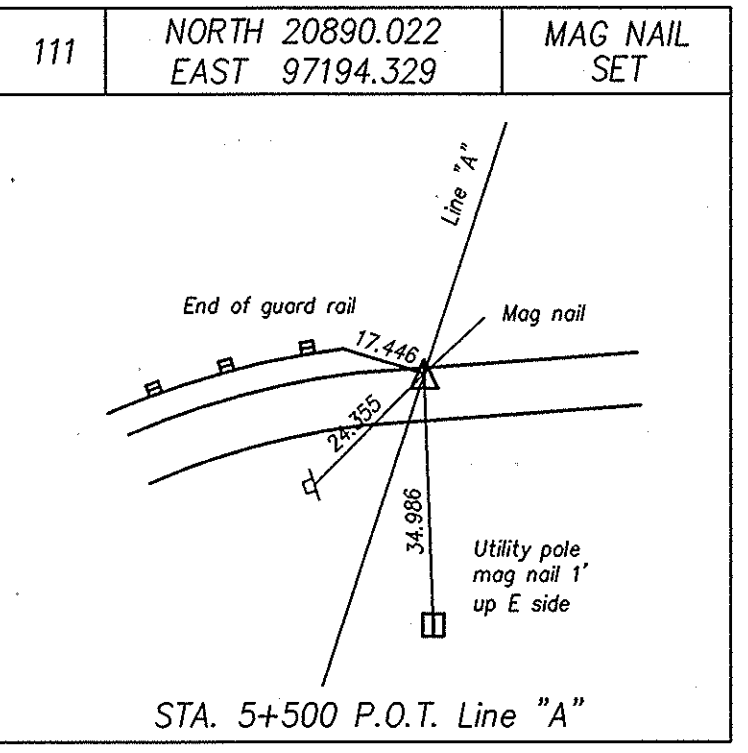
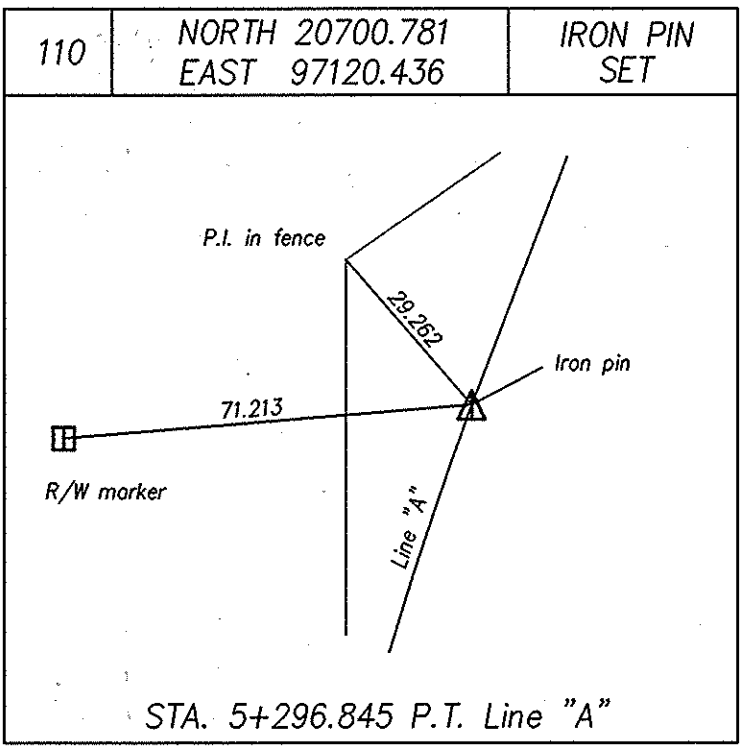
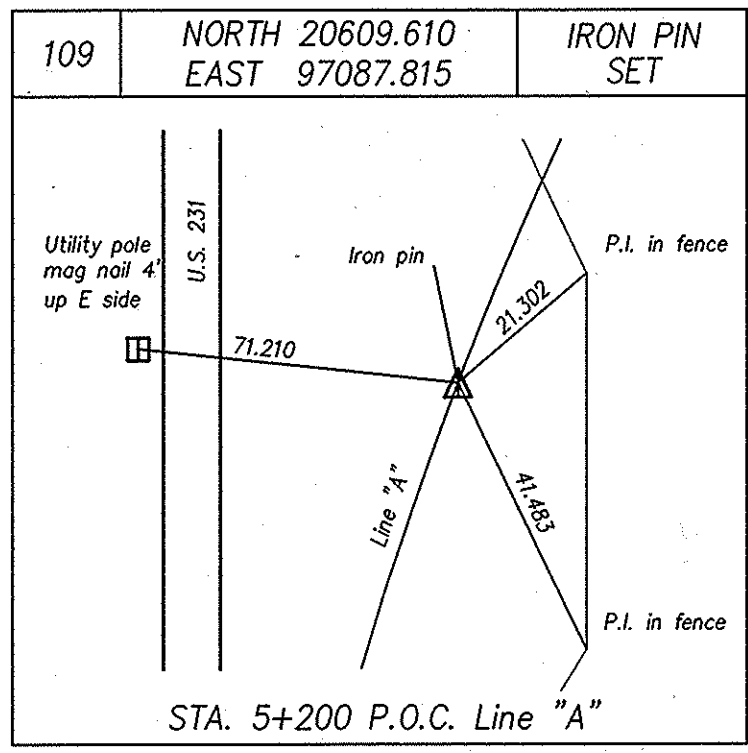
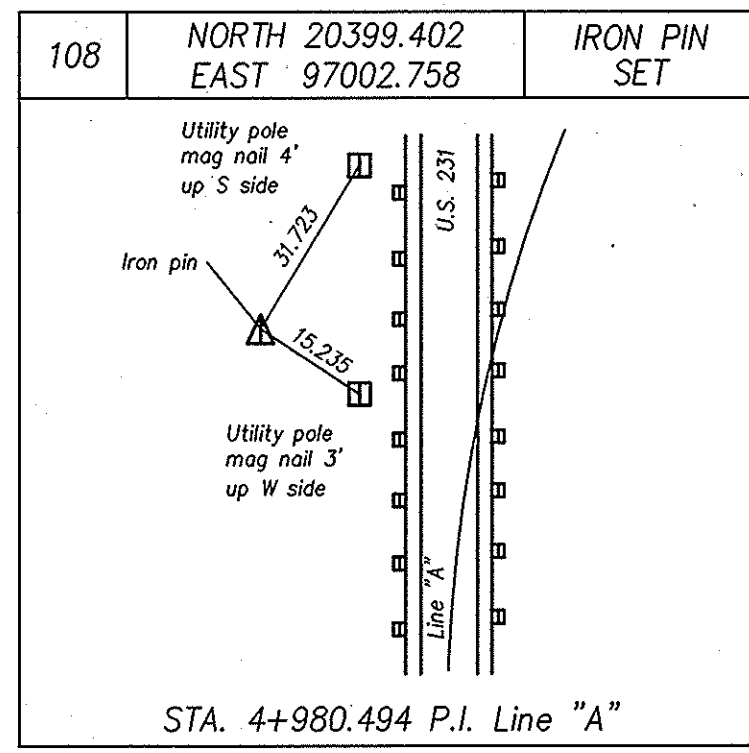
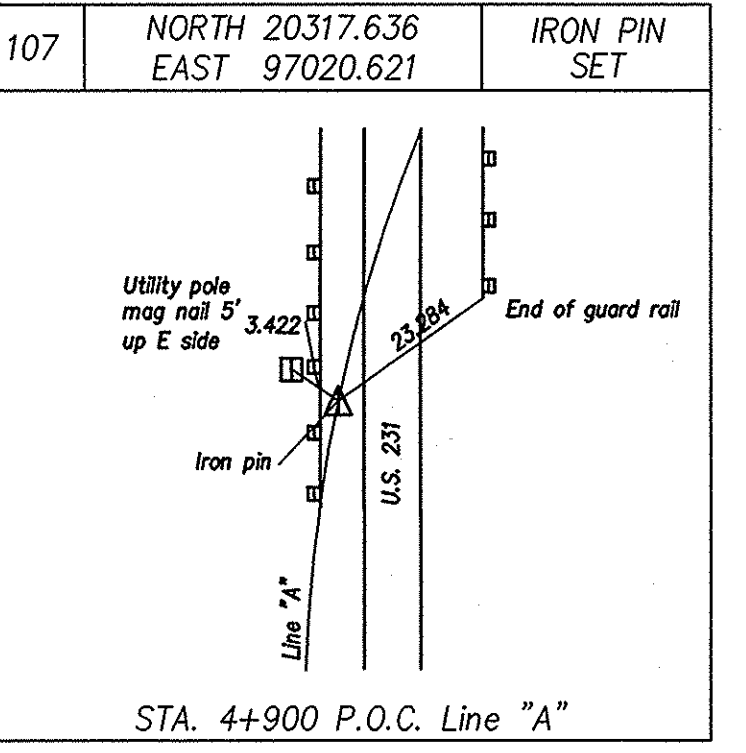
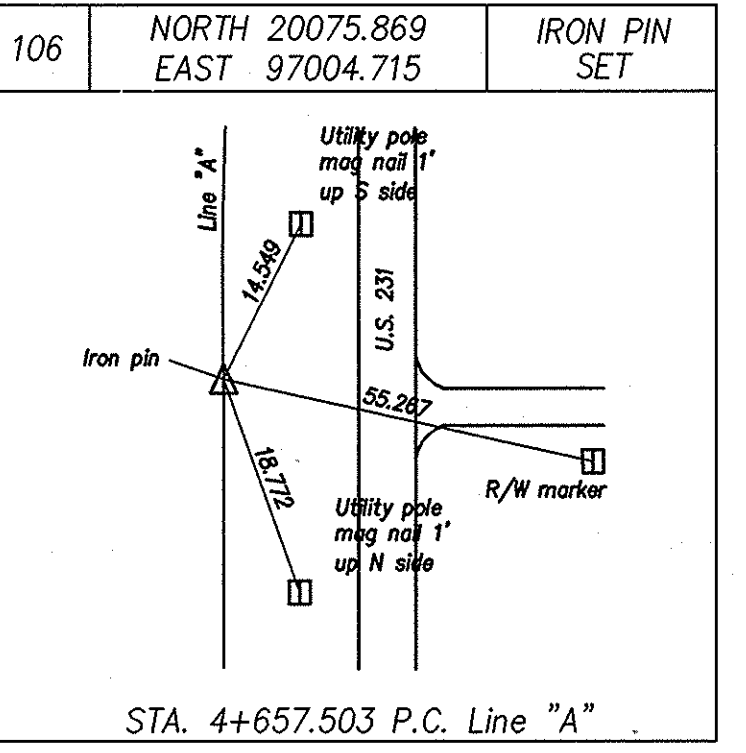
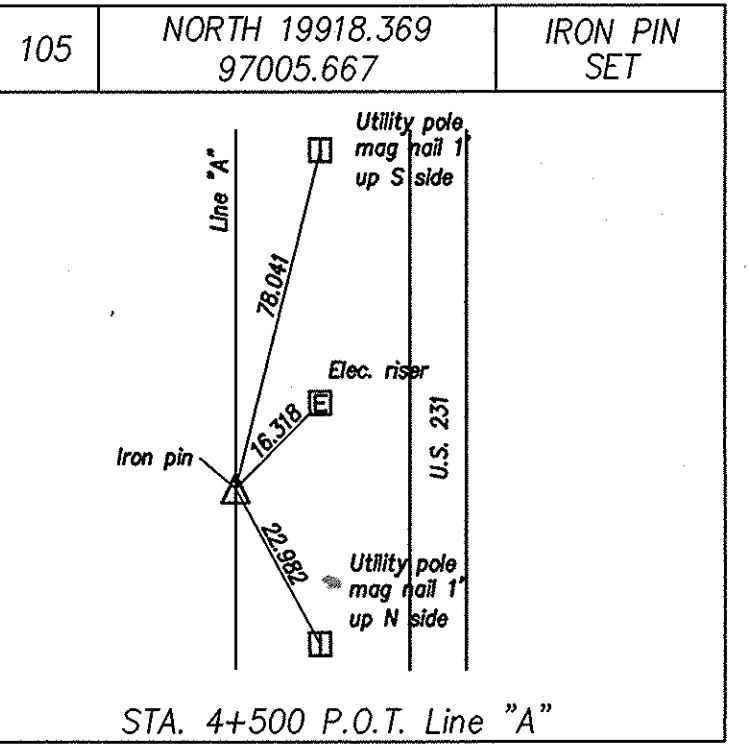
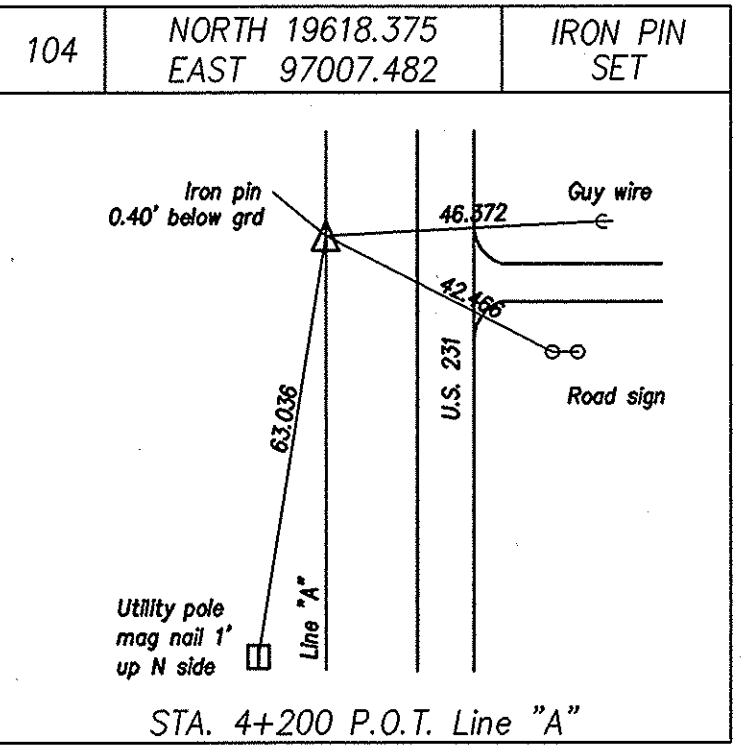
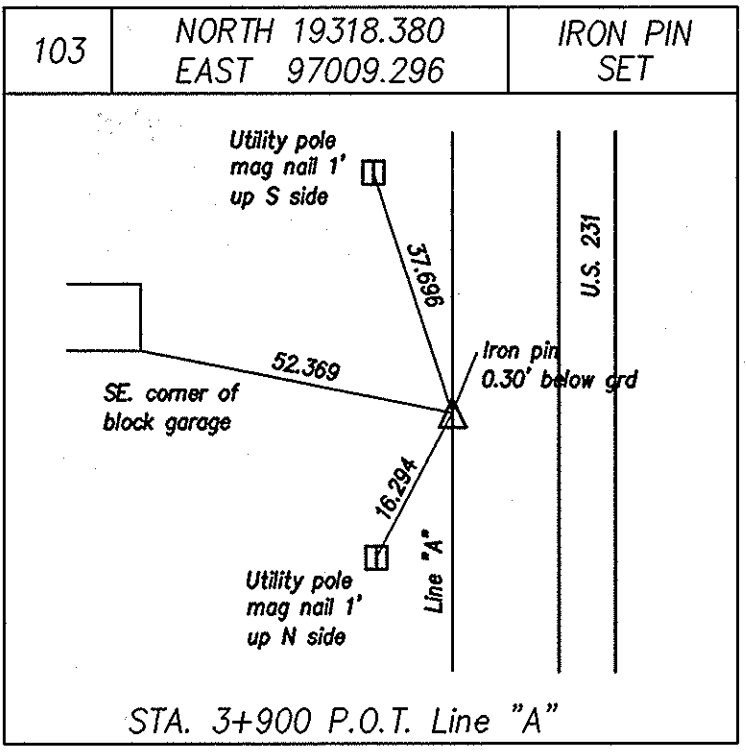
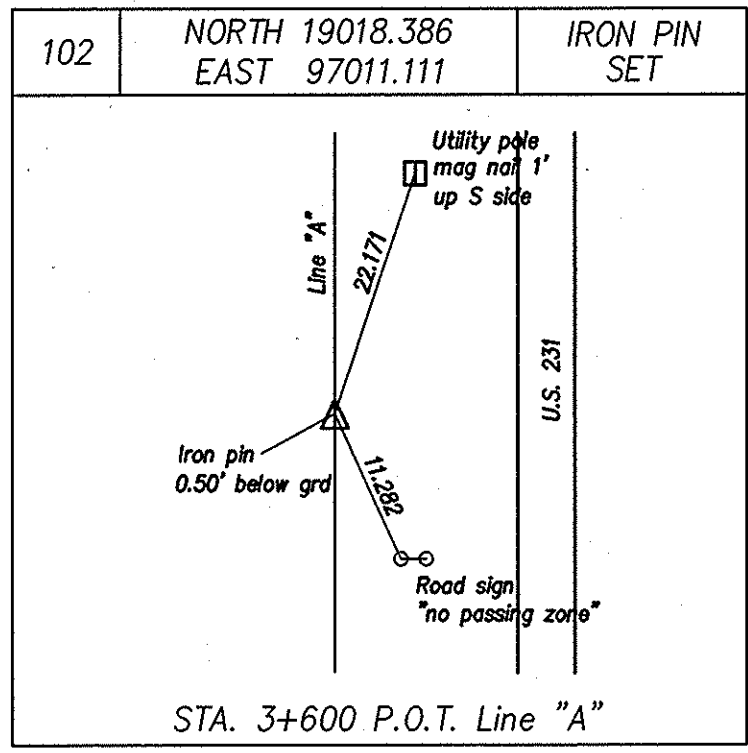
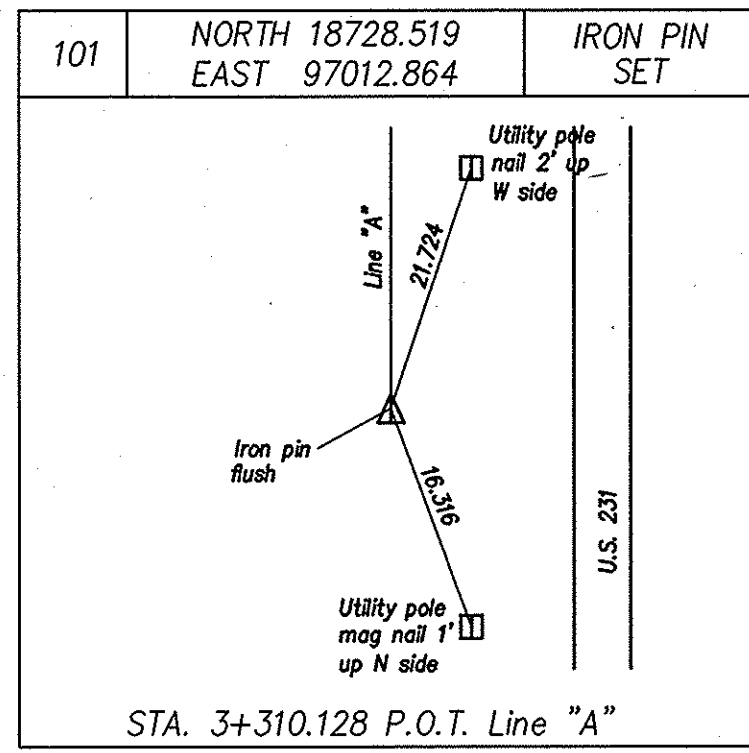
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INDIANA
DEPARTMENT OF TRANSPORTATION

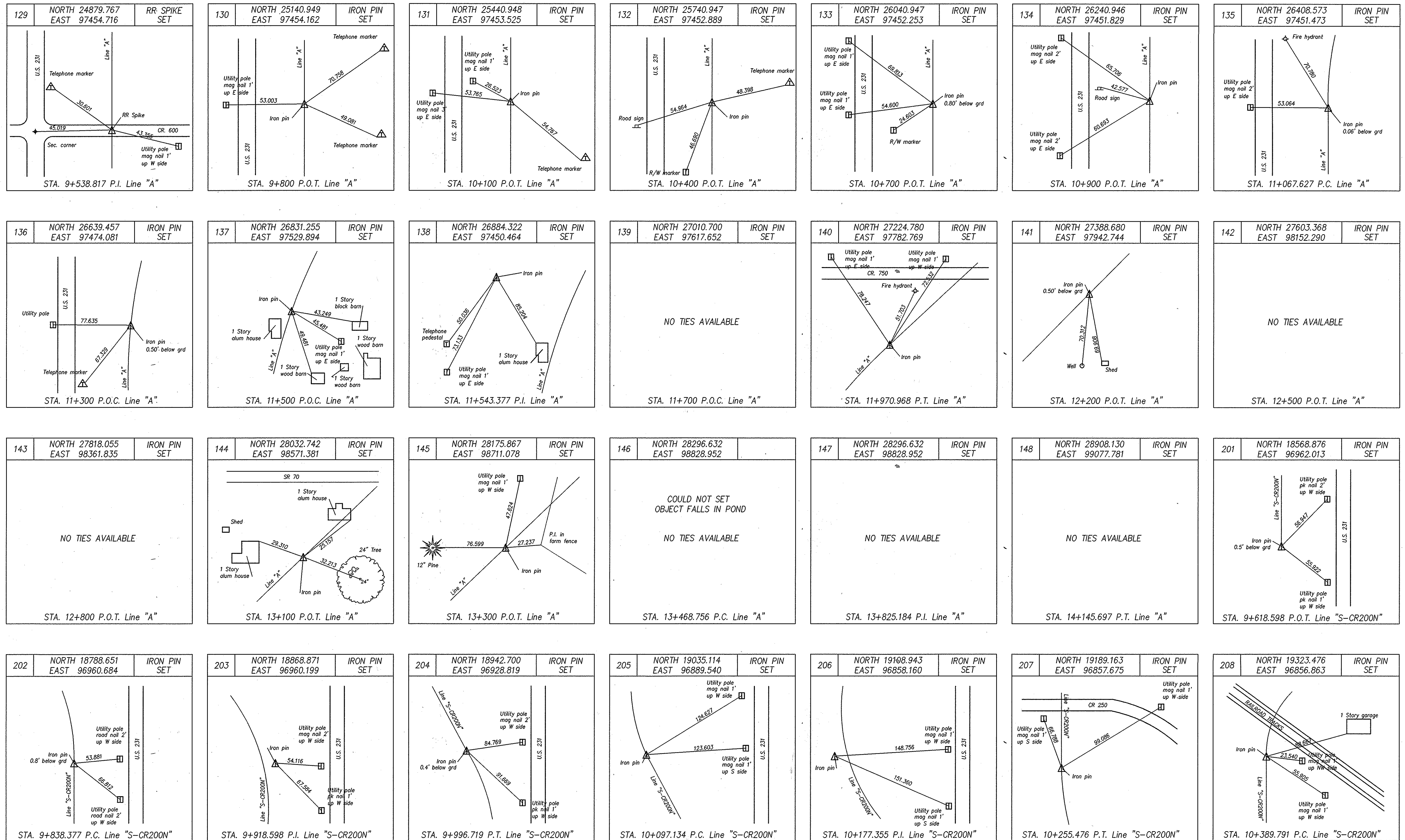
LOCATION CONTROL ROUTE SURVEY PLAT
U.S. 231

HORIZONTAL SCALE	STRUCTURE NO.
N.T.S.	
COUNTY	DES. NO.
SPENCER	8461360
SURVEY BOOK	SHEETS
	6A of 89
CONTRACT	PROJECT NO.
	NH-075-3()

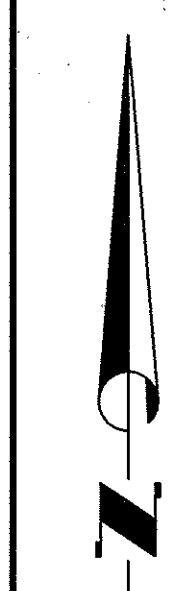


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SURVEY STARTED OCTOBER 1998 SURVEY COMPLETED OCTOBER 1999 ROUTE SURVEY PLAT SHEET 9 of 14 Surveyor Project No. 98011	SURVEYOR STATEMENT THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF IS EXECUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12-20 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF THE EXISTING PARCELS IS NOT PART OF THIS SURVEY.	RECOMMENDED FOR APPROVAL SIGNATURE: _____ DATE: _____ REGISTERED LAND SURVEYOR DRAWN: BTK DATE: 8/25/99 CHECKED: M.L.C. DATE: 11/11/99	INDIANA DEPARTMENT OF TRANSPORTATION LOCATION CONTROL ROUTE SURVEY PLAT U.S. 231	HORIZONTAL SCALE N.T.S. COUNTY SPENCER SURVEY BOOK 7 SHEETS of 89 PROJECT NO. NH-075-3()	STRUCTURE NO. DES. NO. 8461360
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SURVEY STARTED	OCTOBER 1998
SURVEY COMPLETED	OCTOBER 1999
ROUTE SURVEY PLAT SHEET	10 of 14
Surveyor Project No.	98011

SURVEYOR STATEMENT

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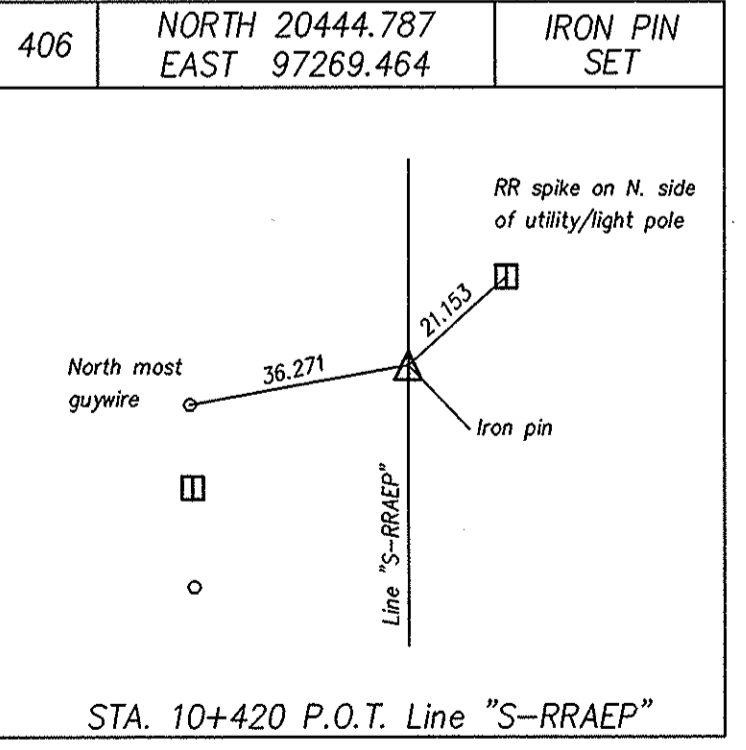
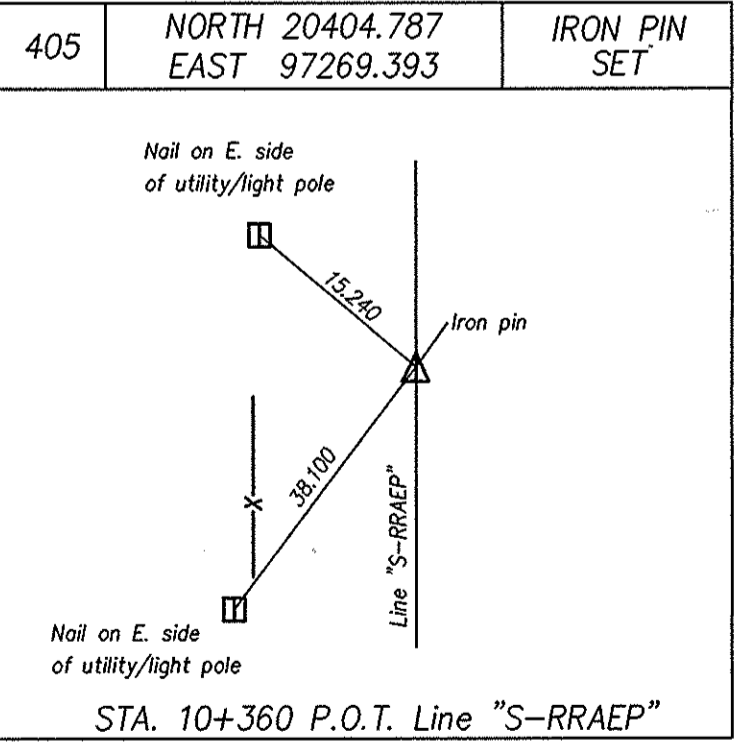
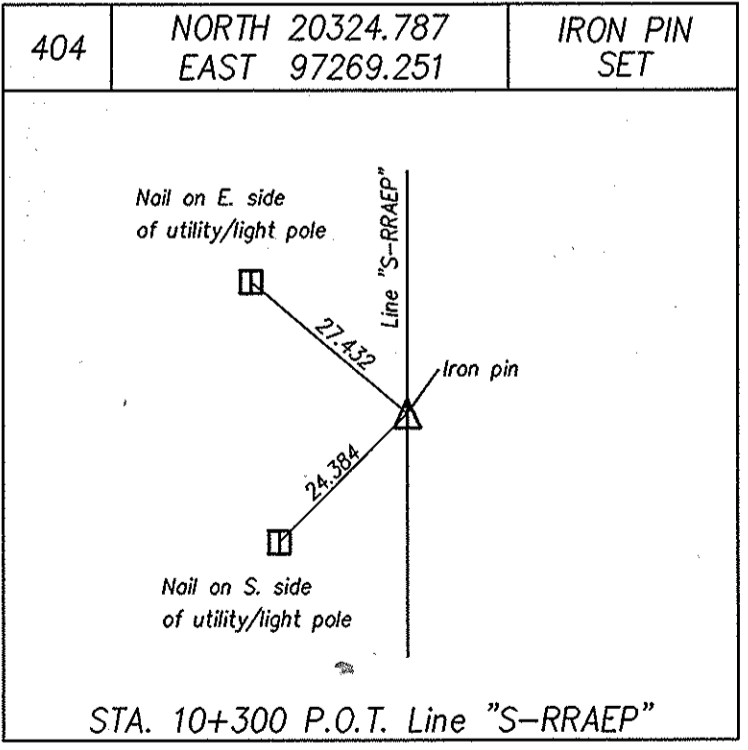
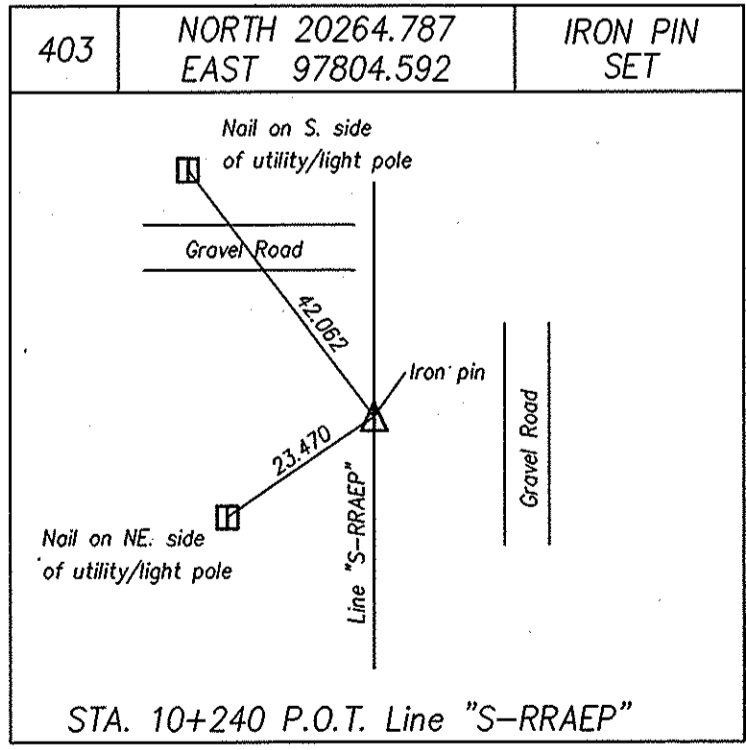
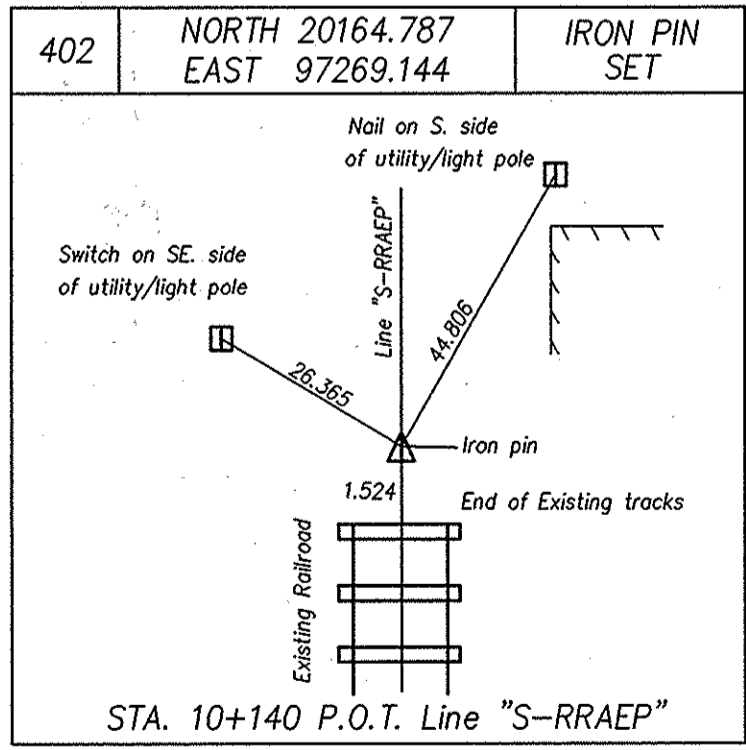
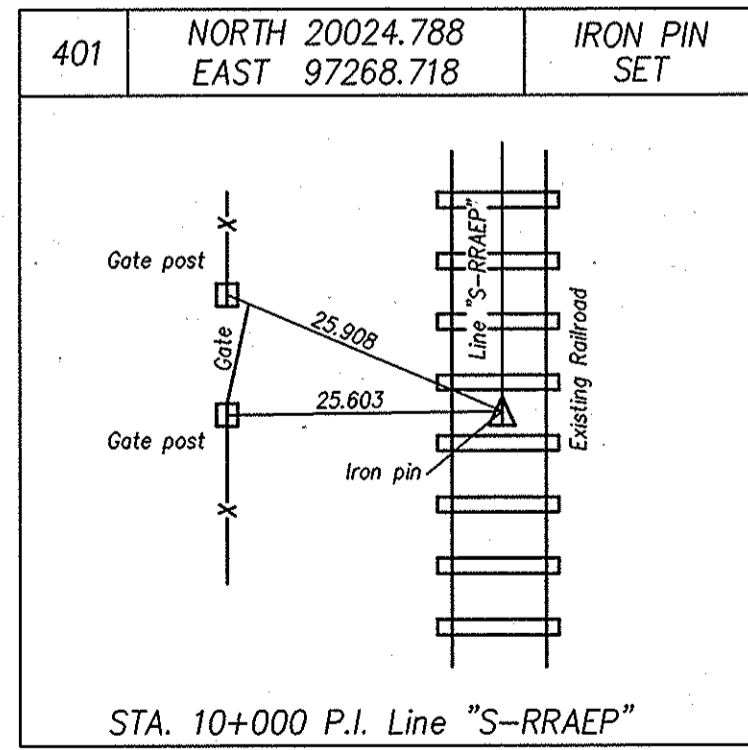
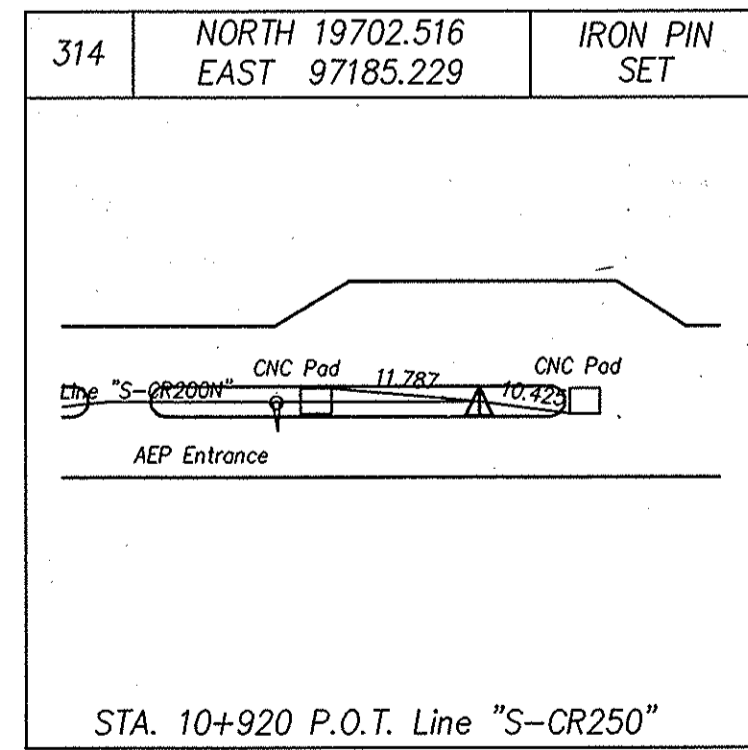
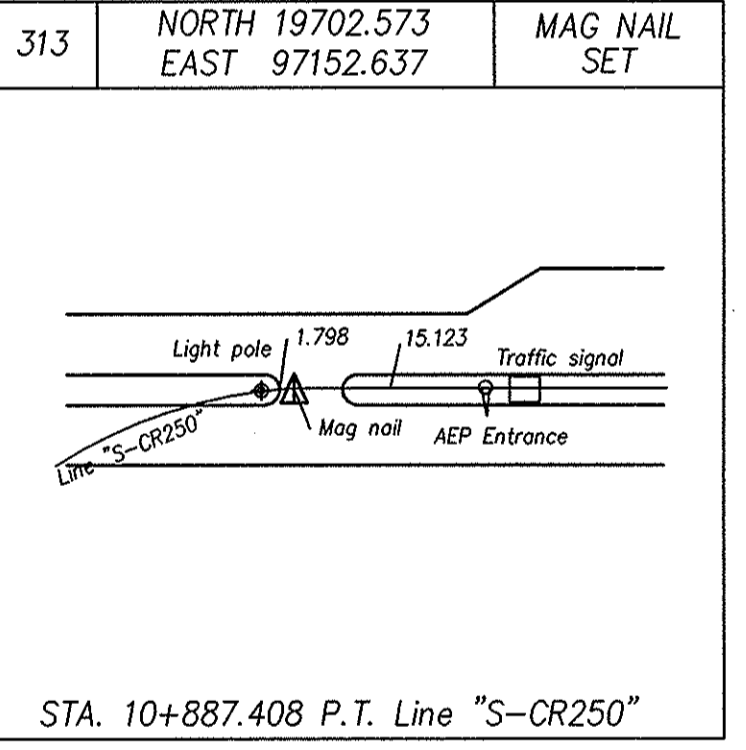
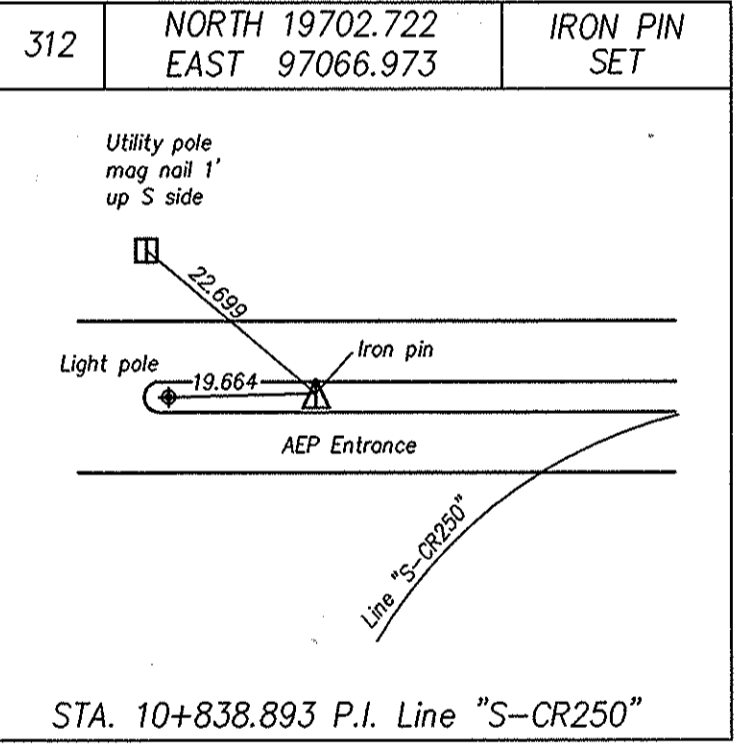
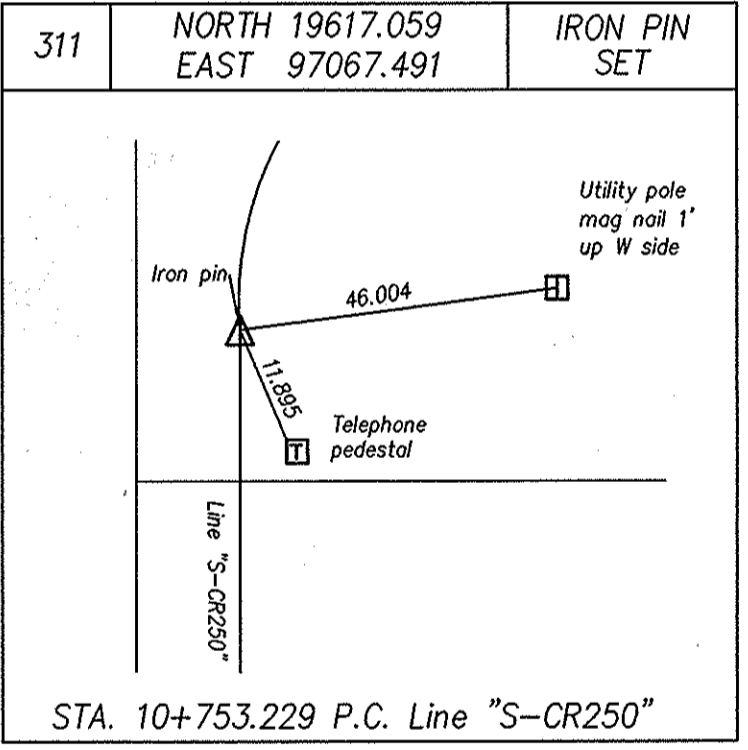
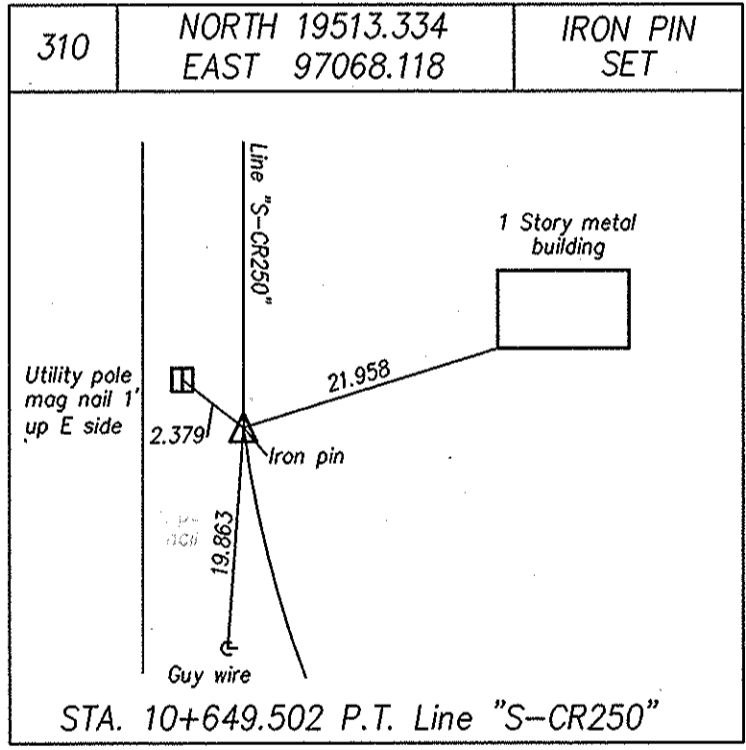
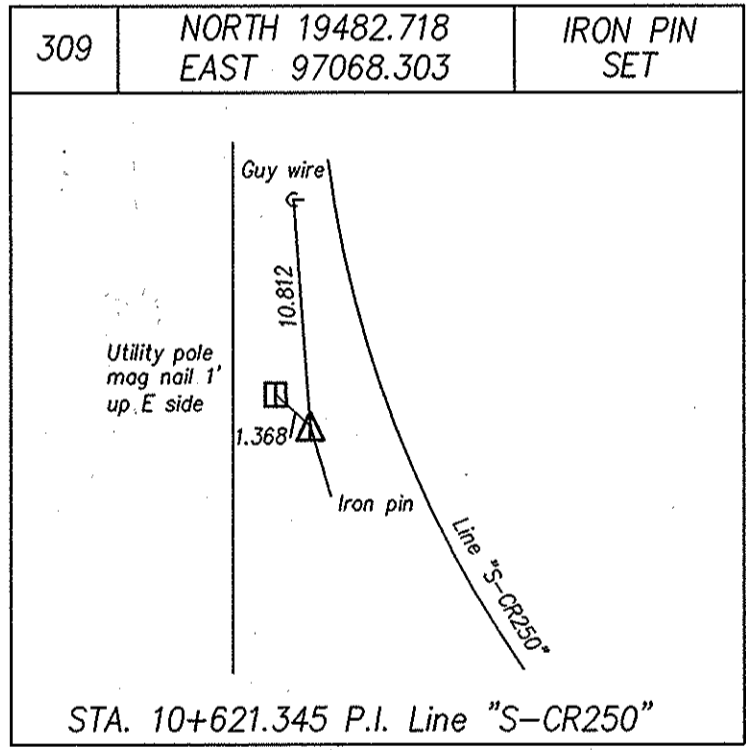
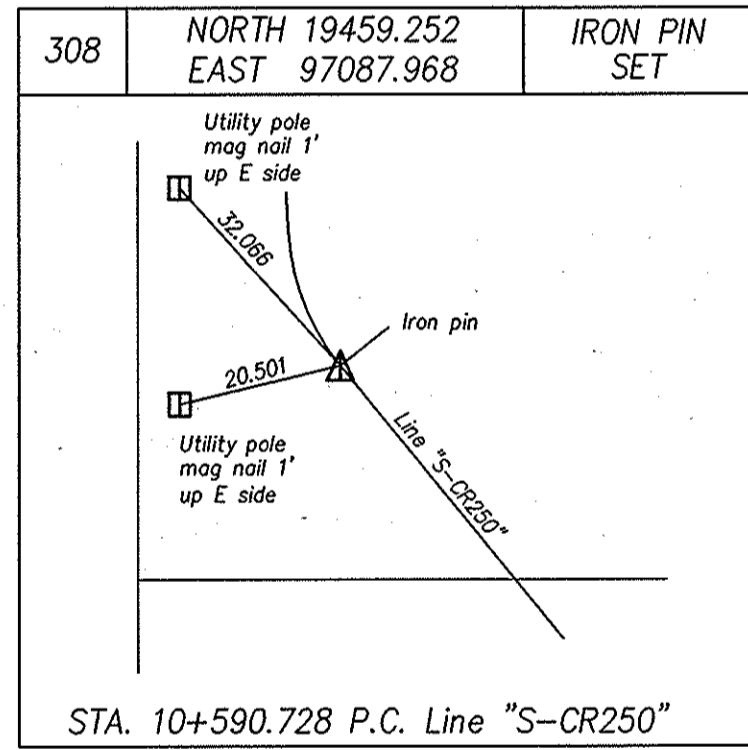
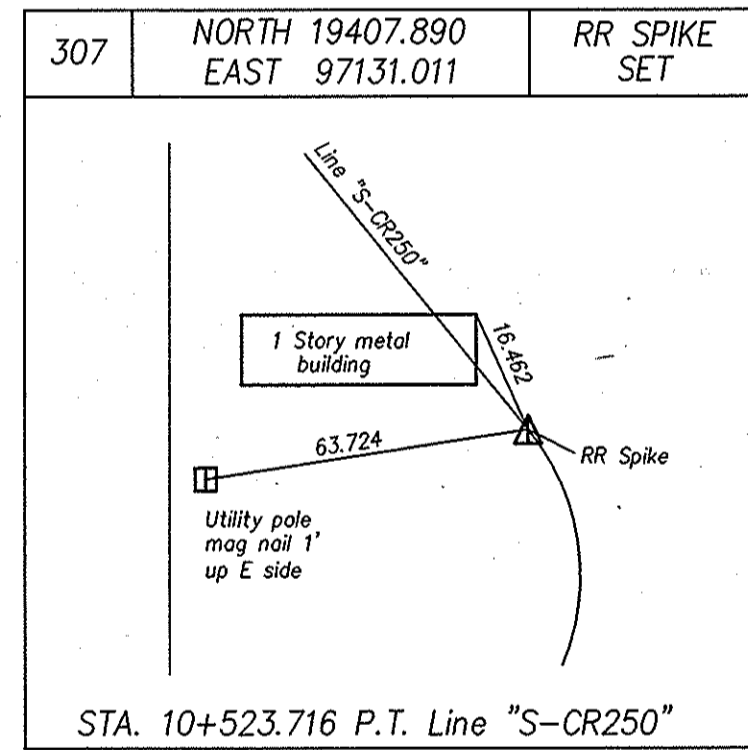
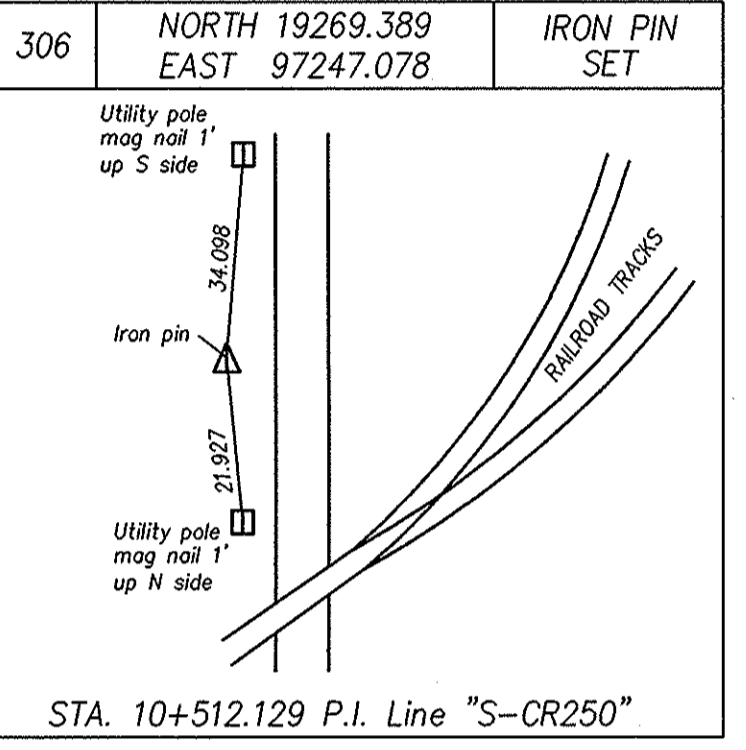
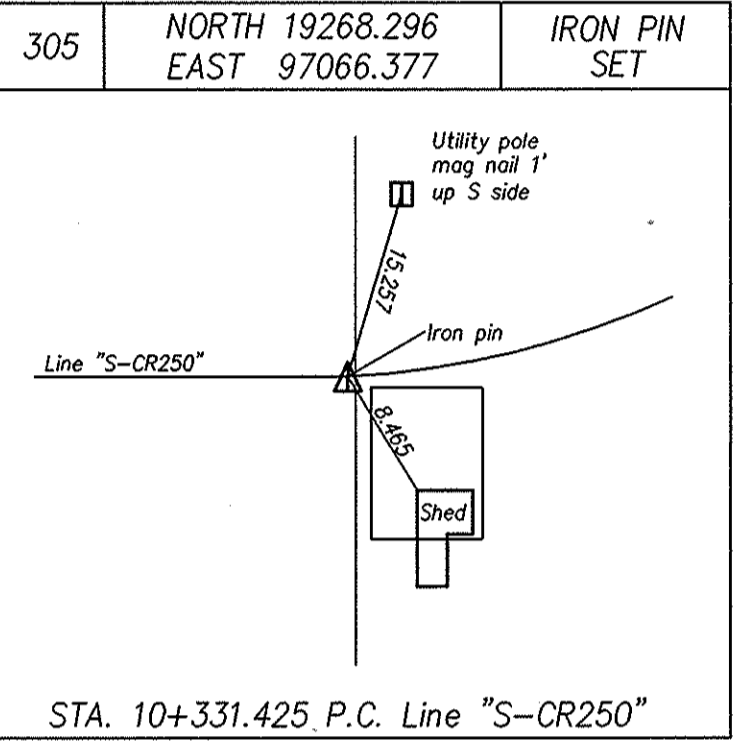
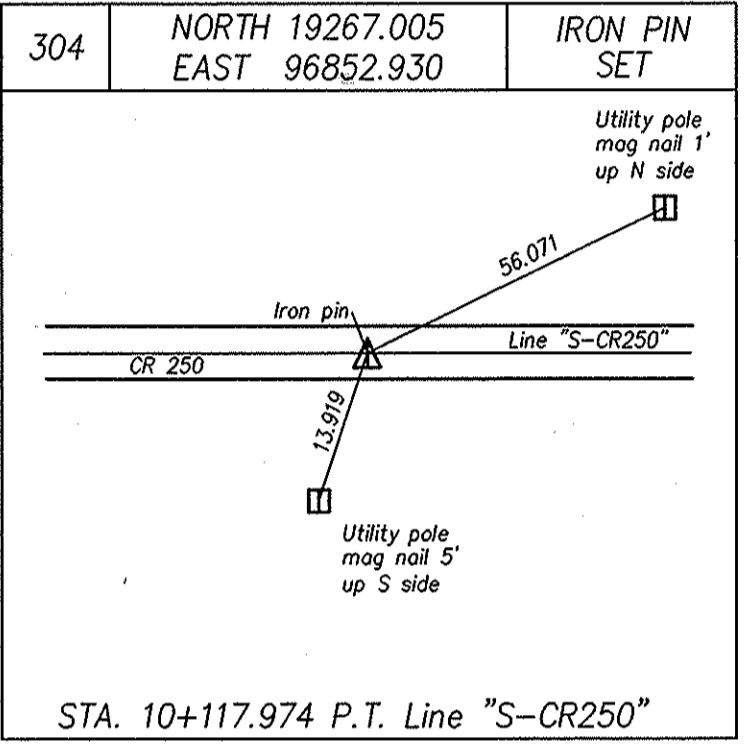
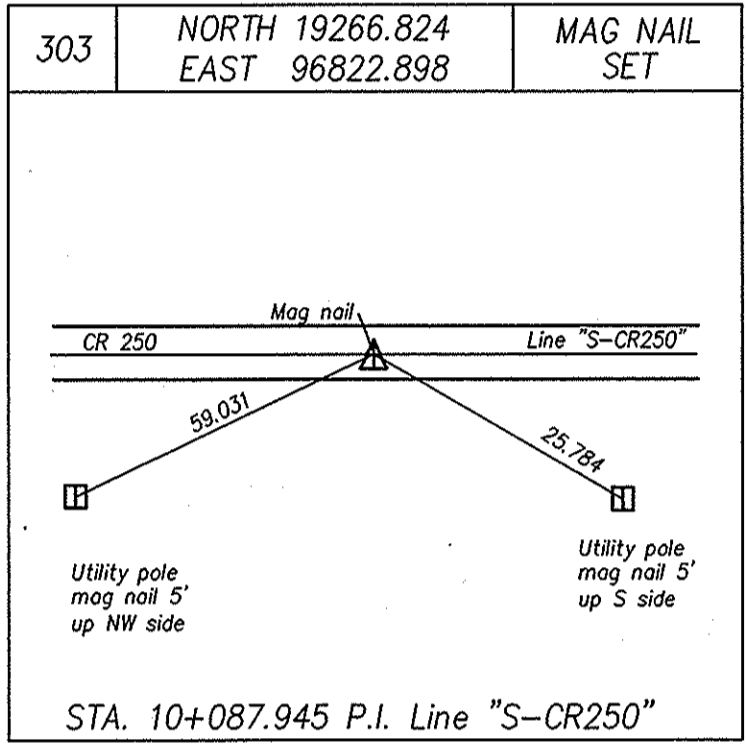
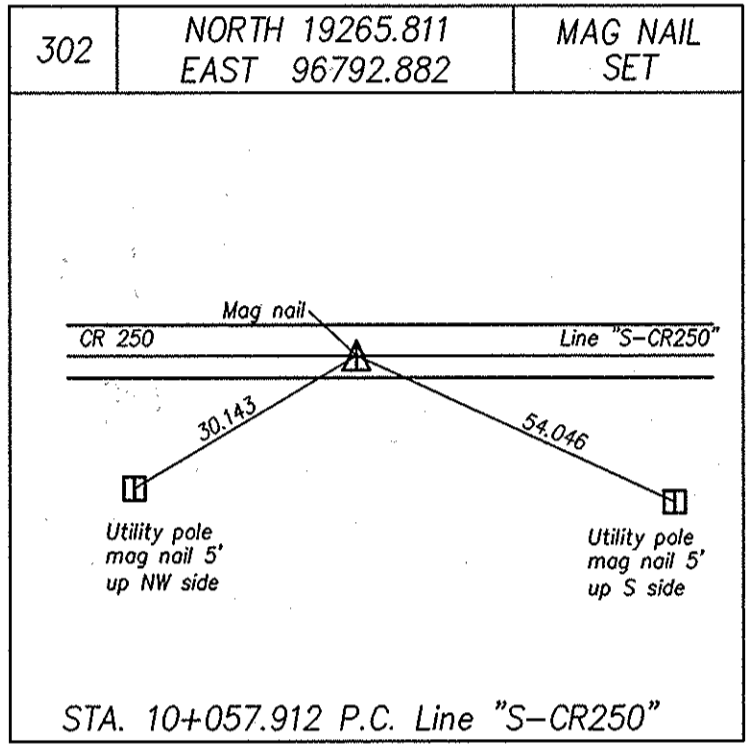
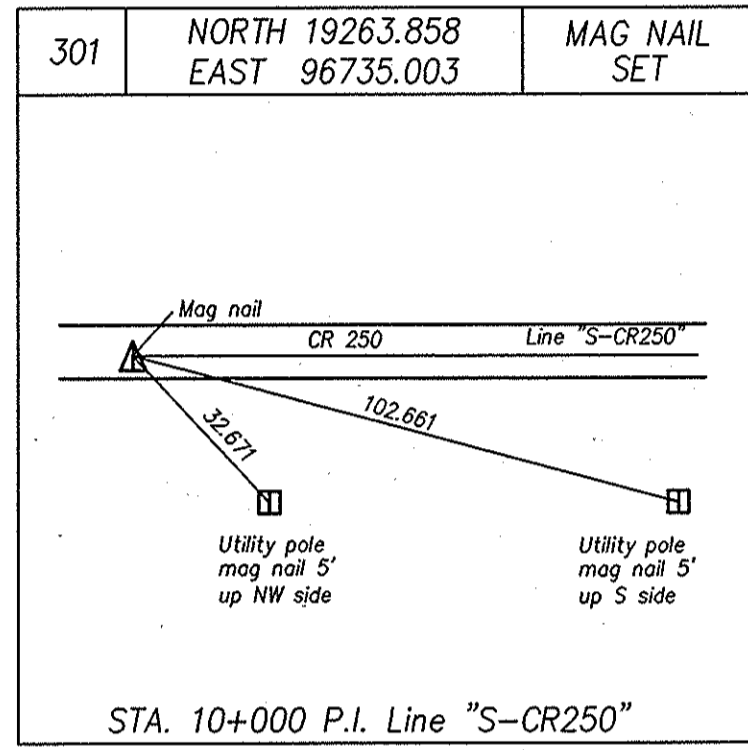
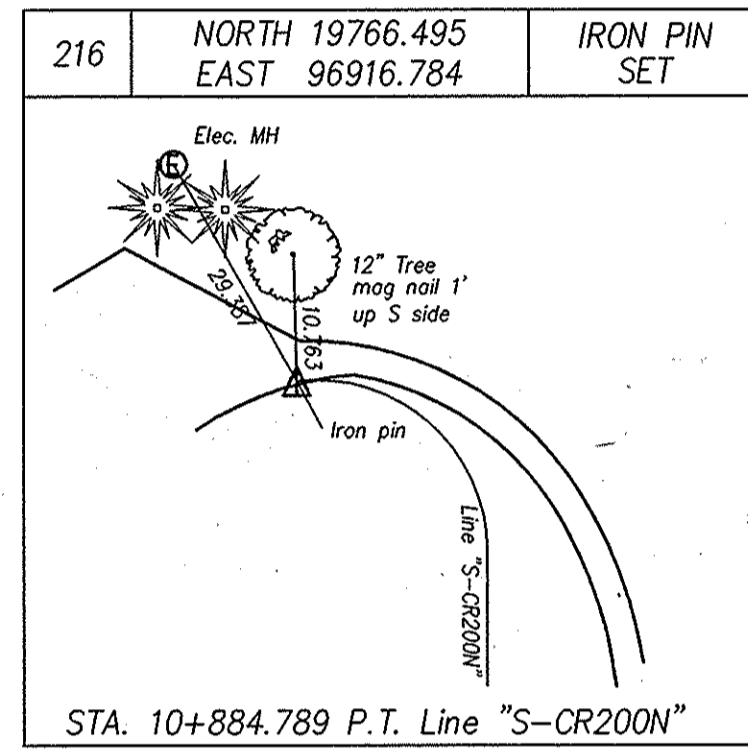
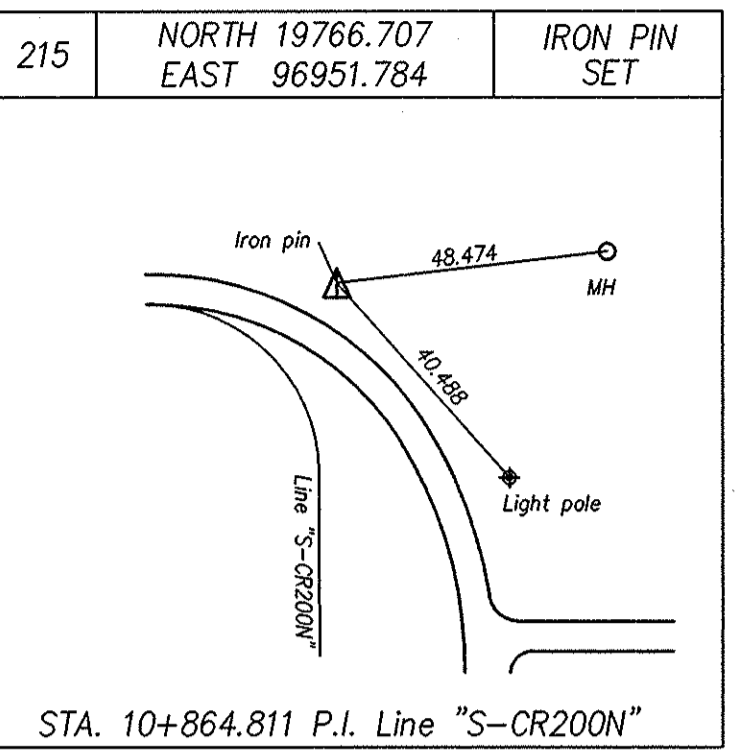
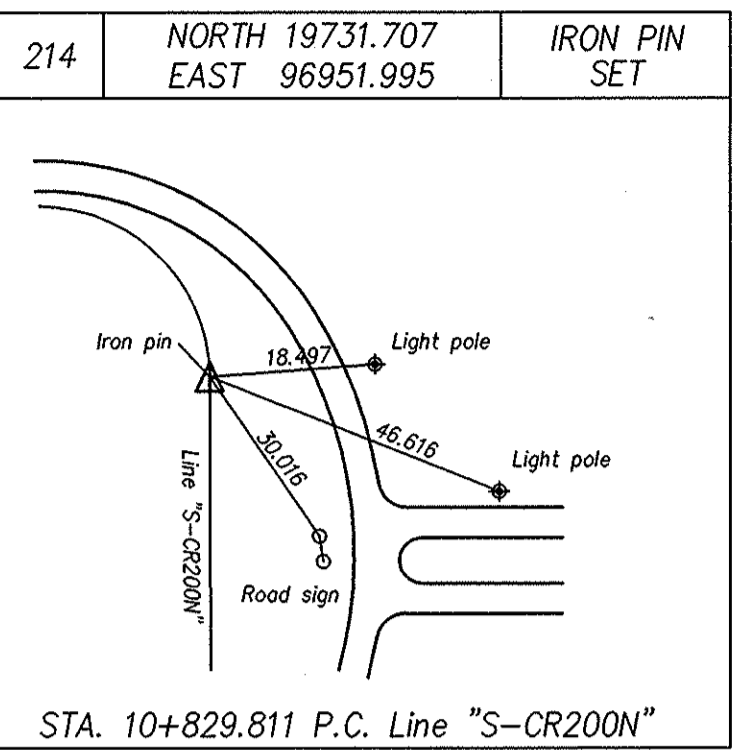
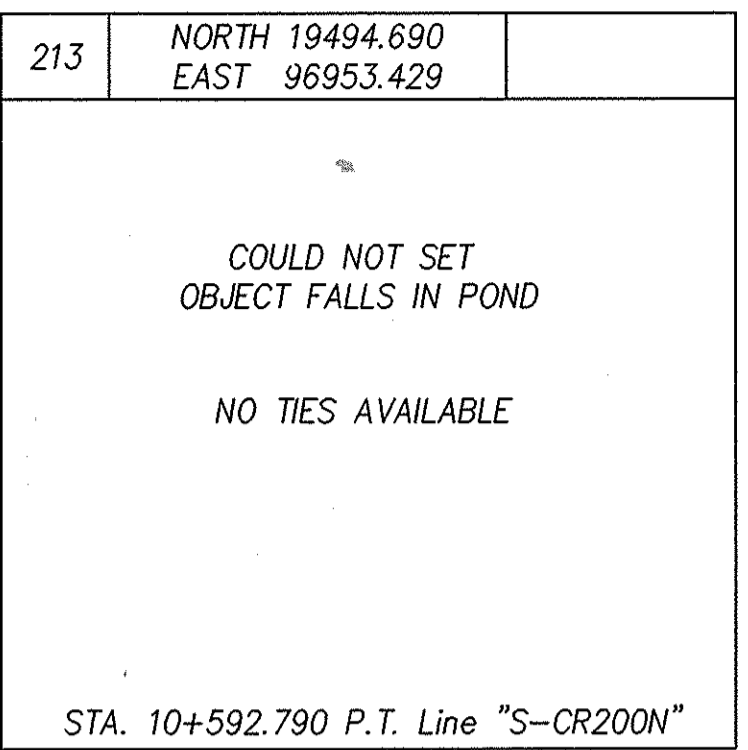
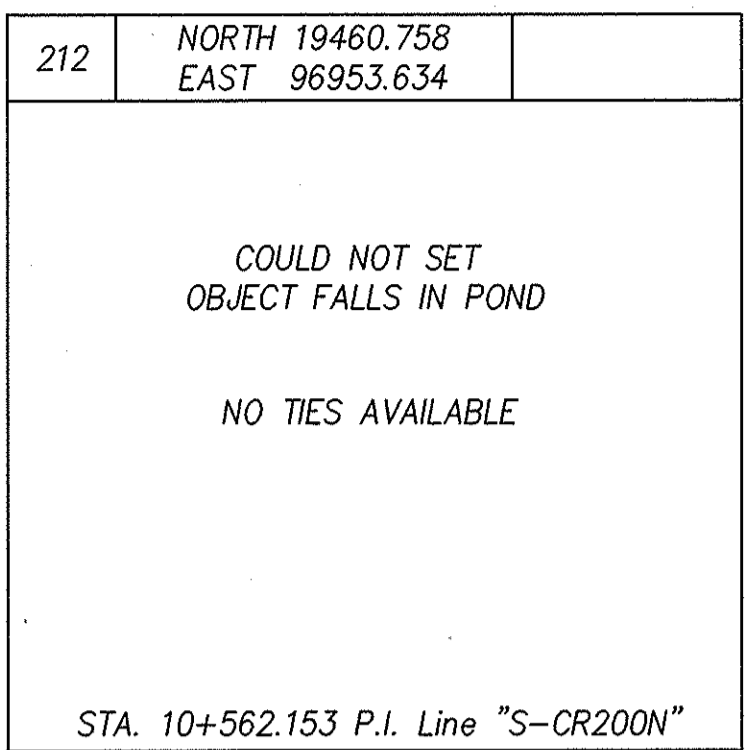
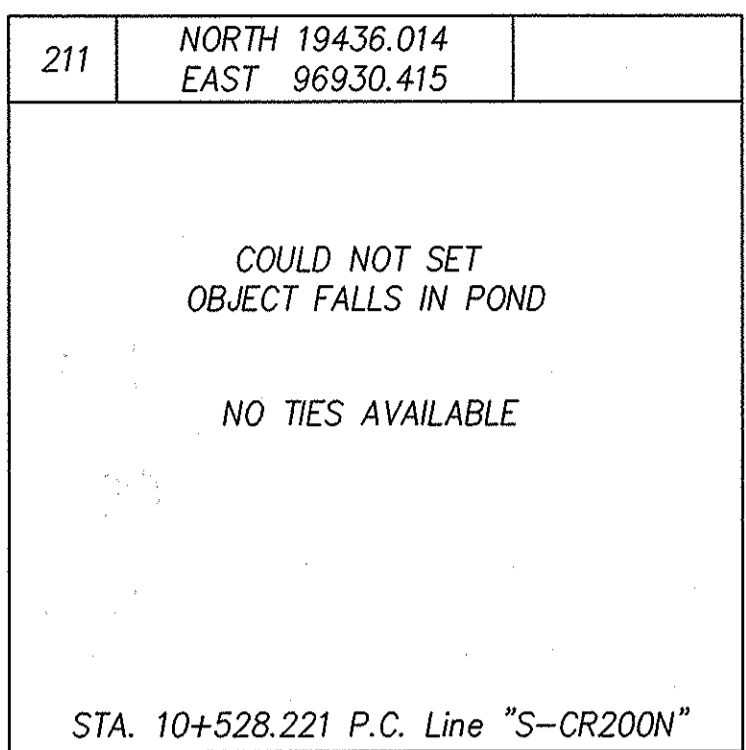
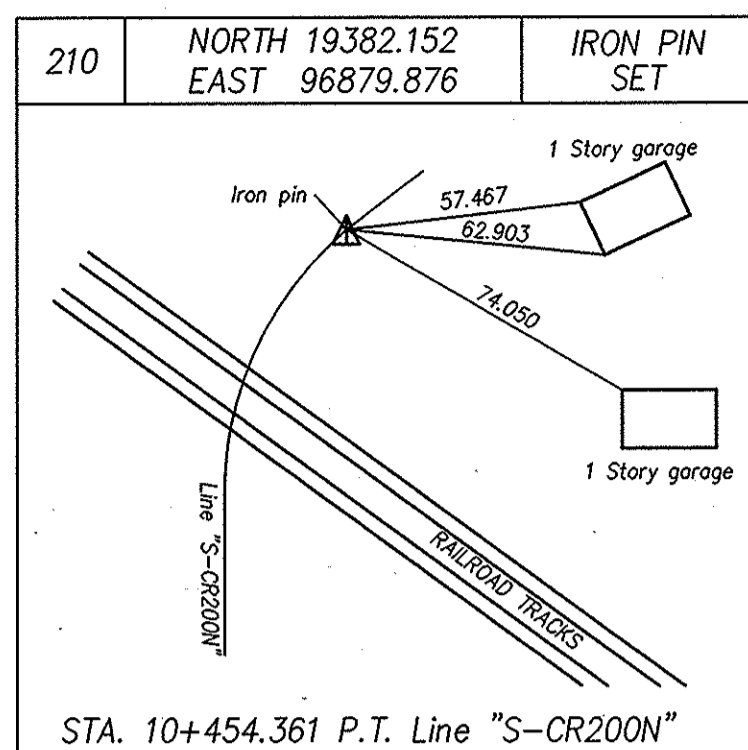
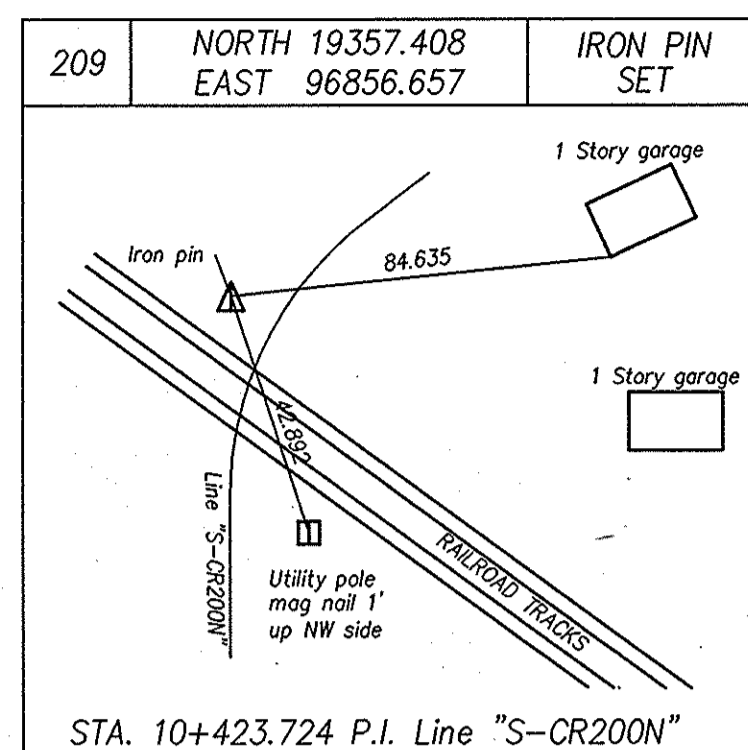
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 REGISTERED LAND SURVEYOR

DRAWN: BTK DATE: 8/25/99

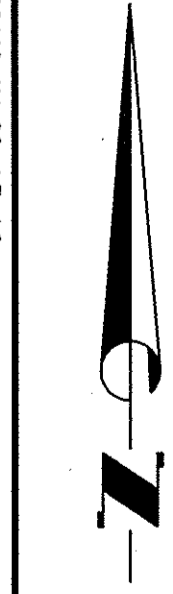
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INDIANA
DEPARTMENT OF TRANSPORTATION
 LOCATION CONTROL ROUTE SURVEY PLAT
 U.S. 231

HORIZONTAL SCALE	STRUCTURE NO.
N.T.S.	
COUNTY	DES. NO.
SPENCER	8461360
SURVEY BOOK	SHEETS
	7A of 89
CONTRACT	PROJECT NO.
	NH-075-3()



04-24-03 AT 07:53 635 DLK



SURVEY STARTED	
OCTOBER 1998	
SURVEY COMPLETED	
OCTOBER 1999	
ROUTE SURVEY PLAT SHEET	
11 of 14	
Surveyor Project No.	
98011	

SURVEYOR STATEMENT	
THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF IS EXECUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12-20 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF THE EXISTING PARCELS IS NOT PART OF THIS SURVEY.	

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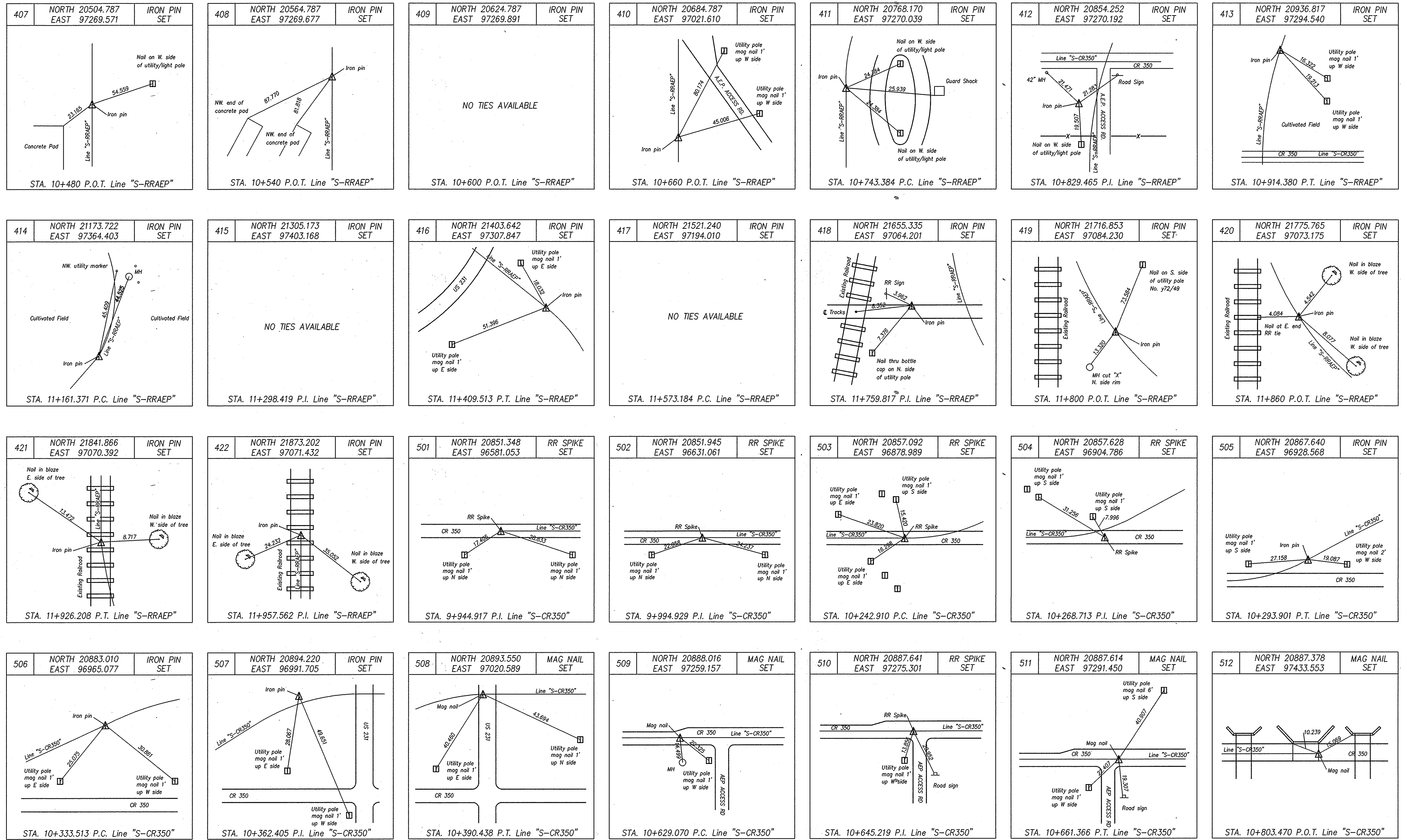
MICHAEL L. CRAWFORD
REGISTERED
No. 890004
STATE OF INDIANA
LAND SURVEYOR

RECOMMENDED FOR APPROVAL	
SIGNATURE:	REGISTERED LAND SURVEYOR DATE
DRAWN: BTK	DATE: 8/25/99
CHECKED: M.L.C.	DATE: 11/11/99

INDIANA
DEPARTMENT OF TRANSPORTATION

LOCATION CONTROL ROUTE SURVEY PLAT
U.S. 231

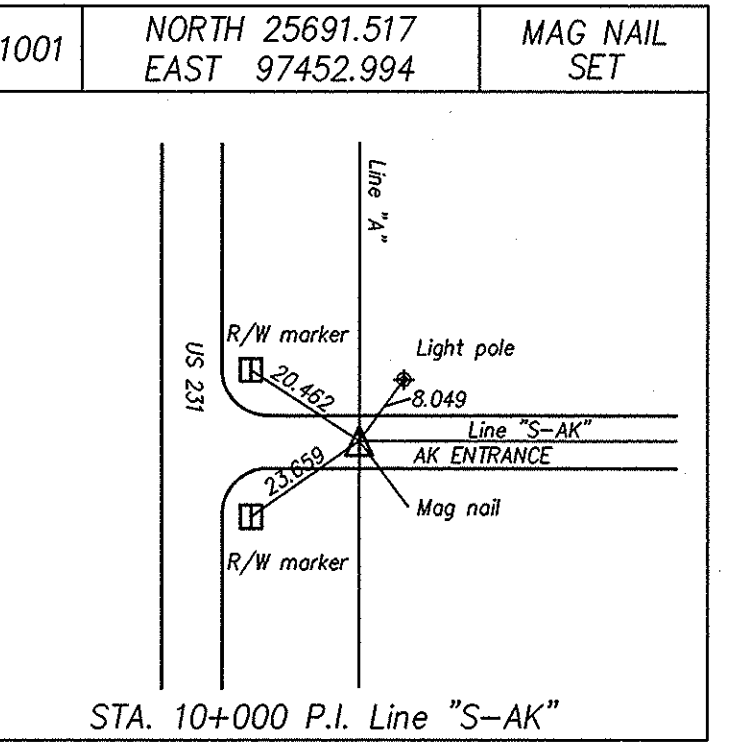
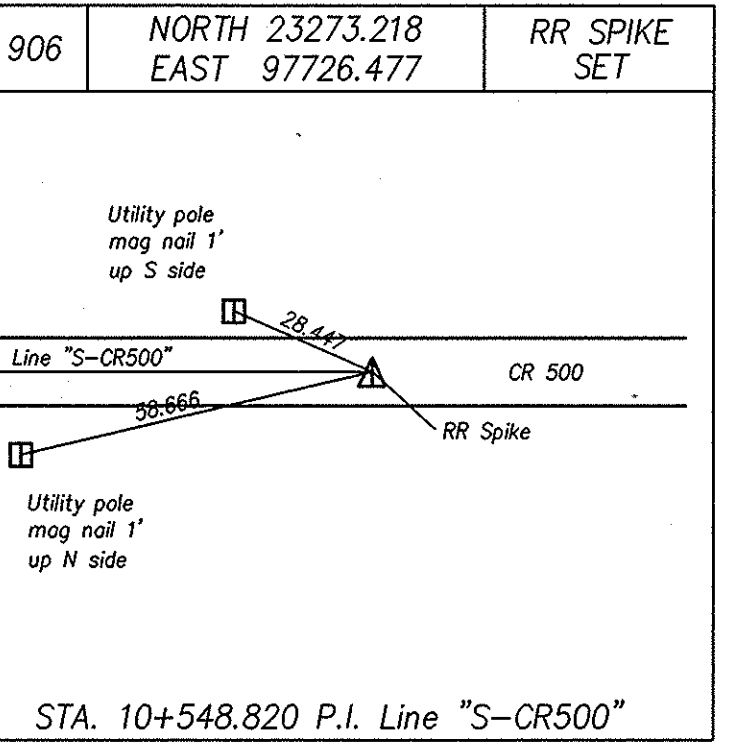
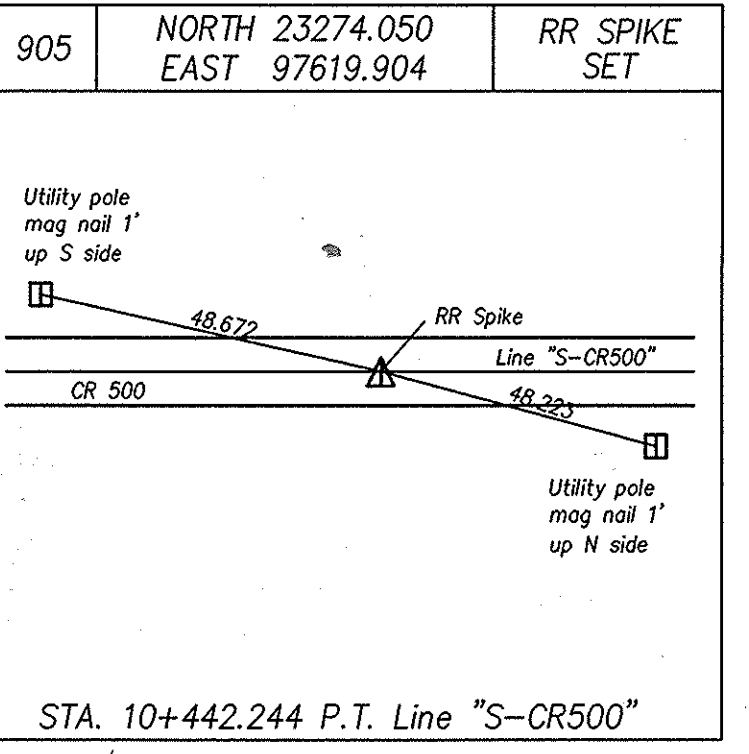
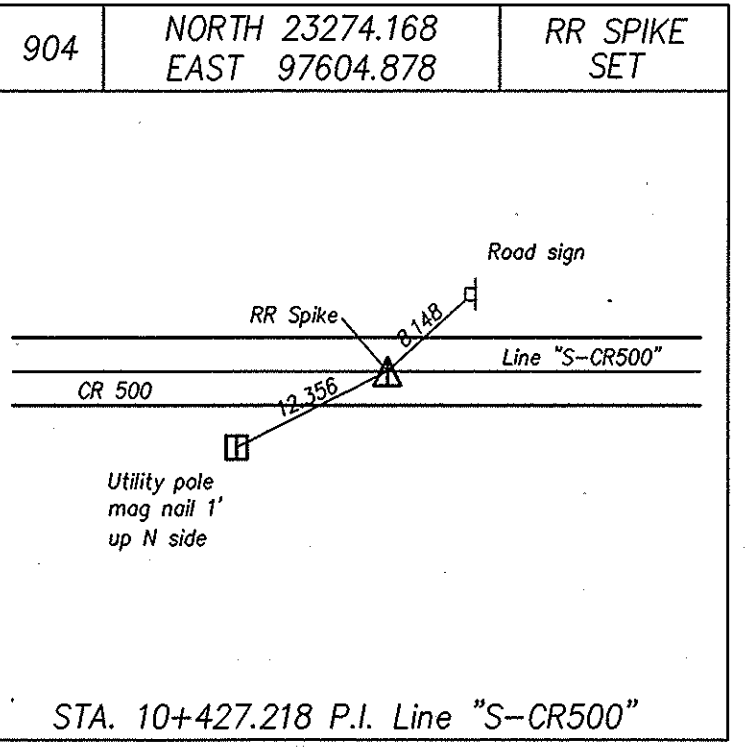
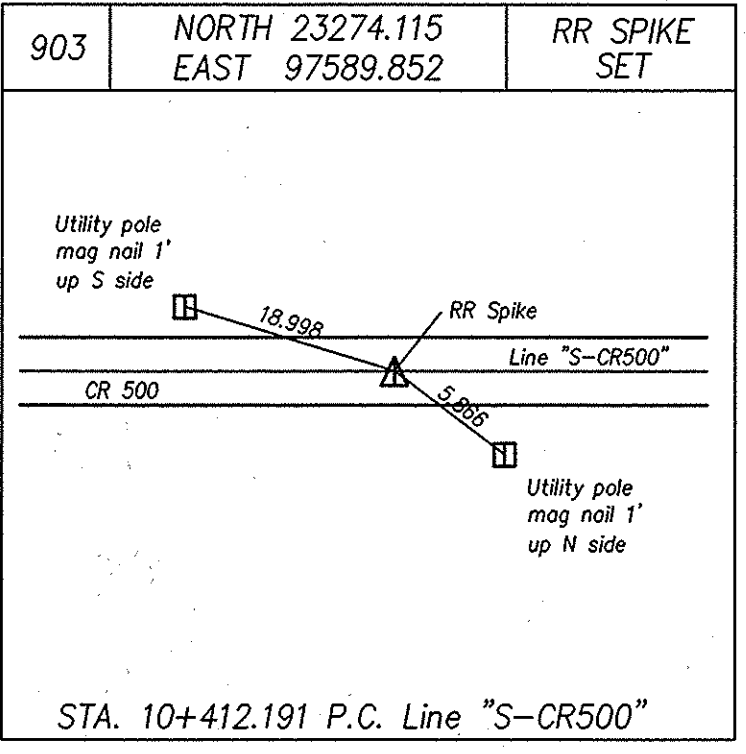
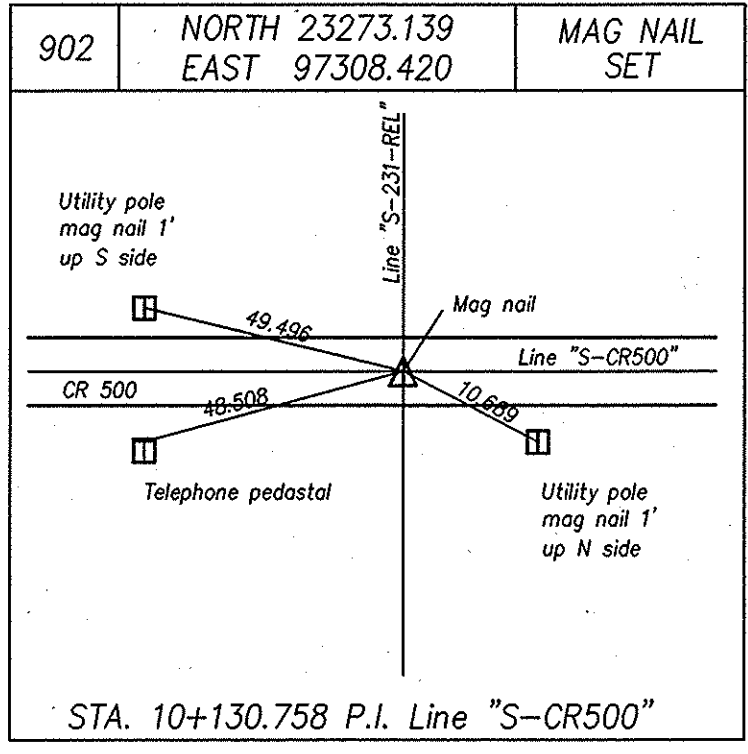
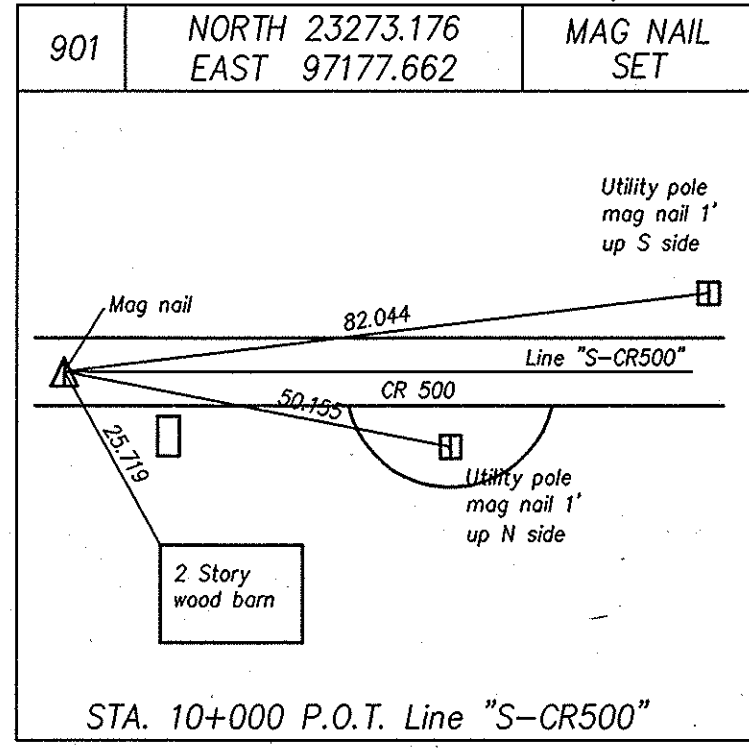
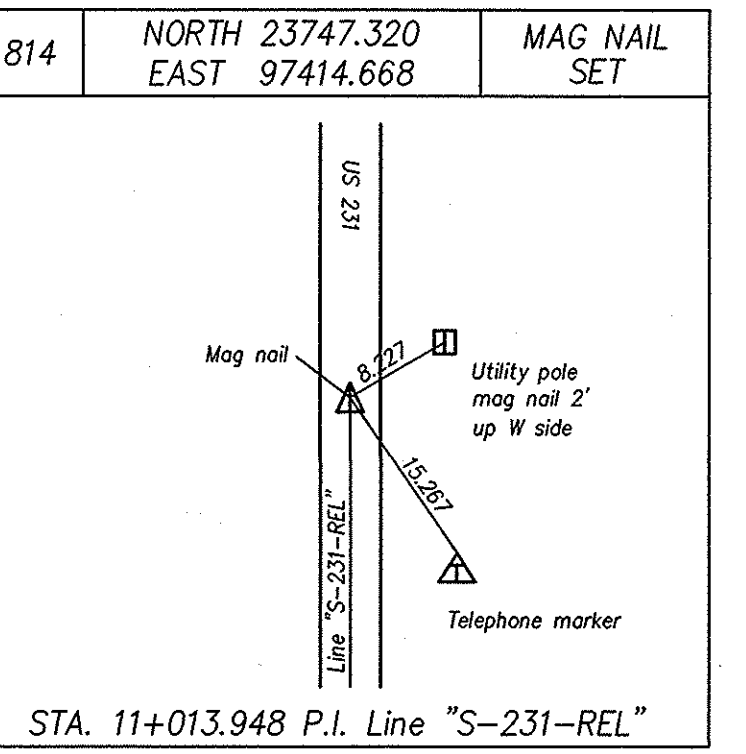
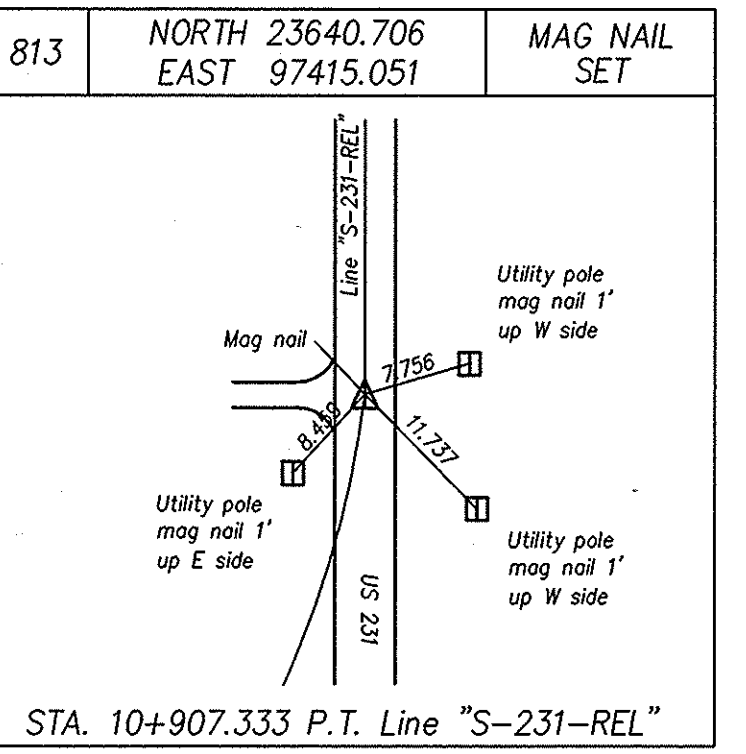
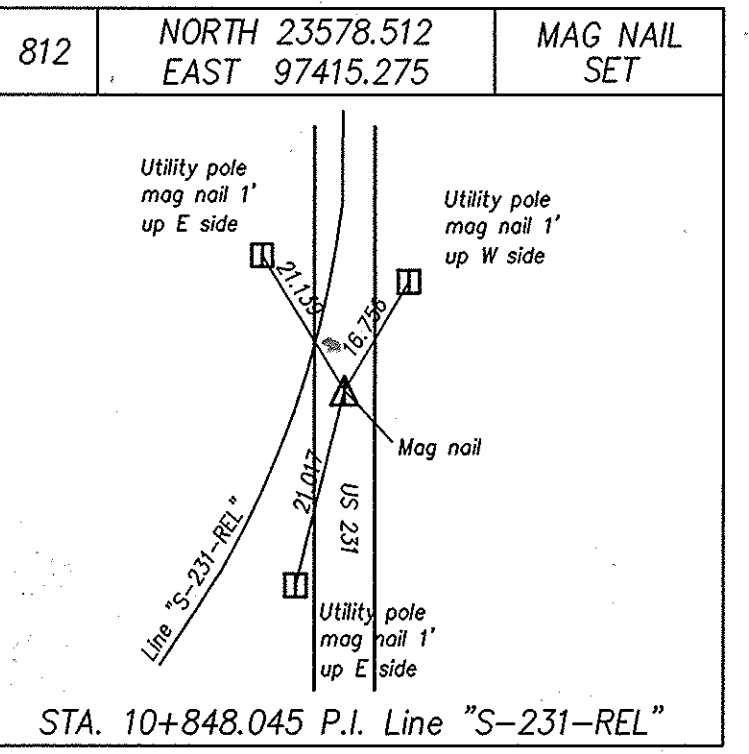
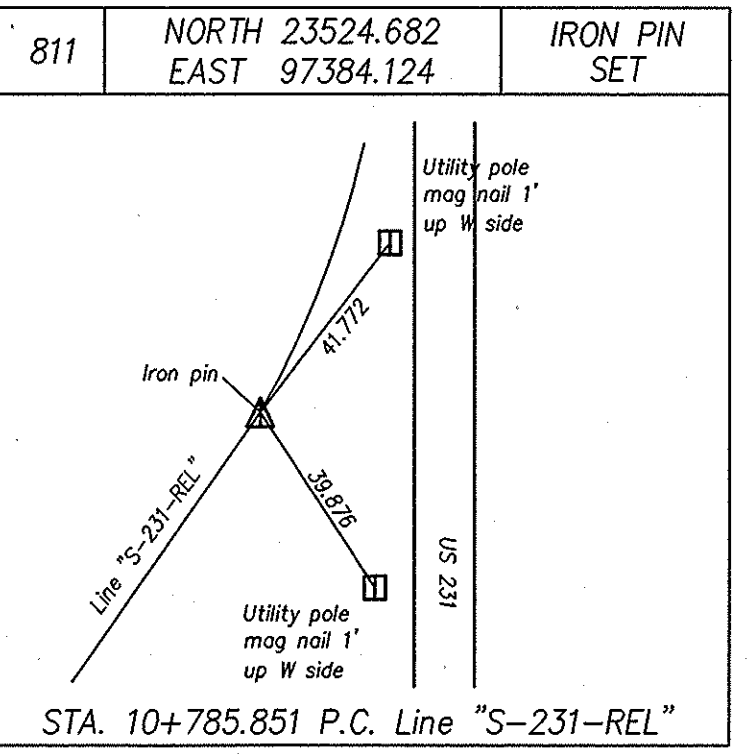
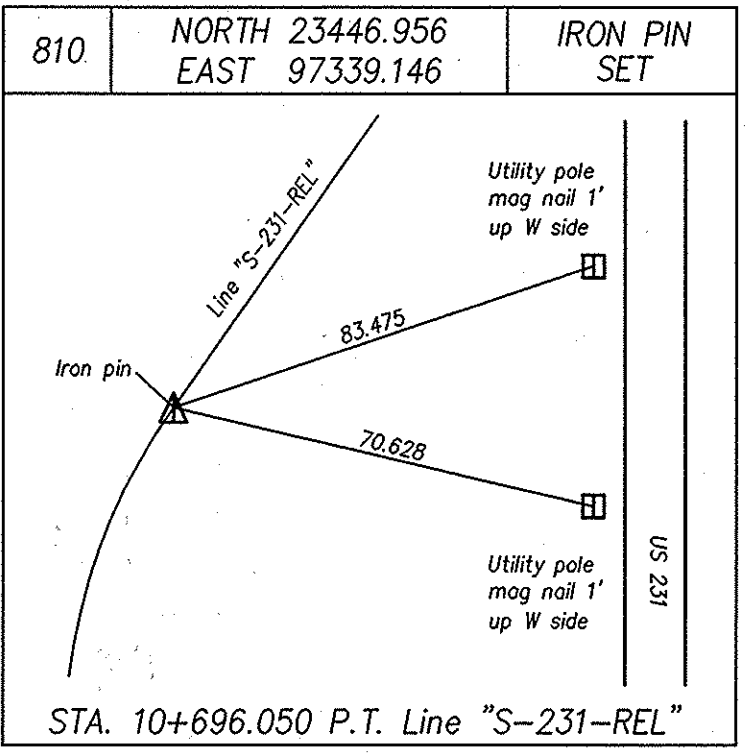
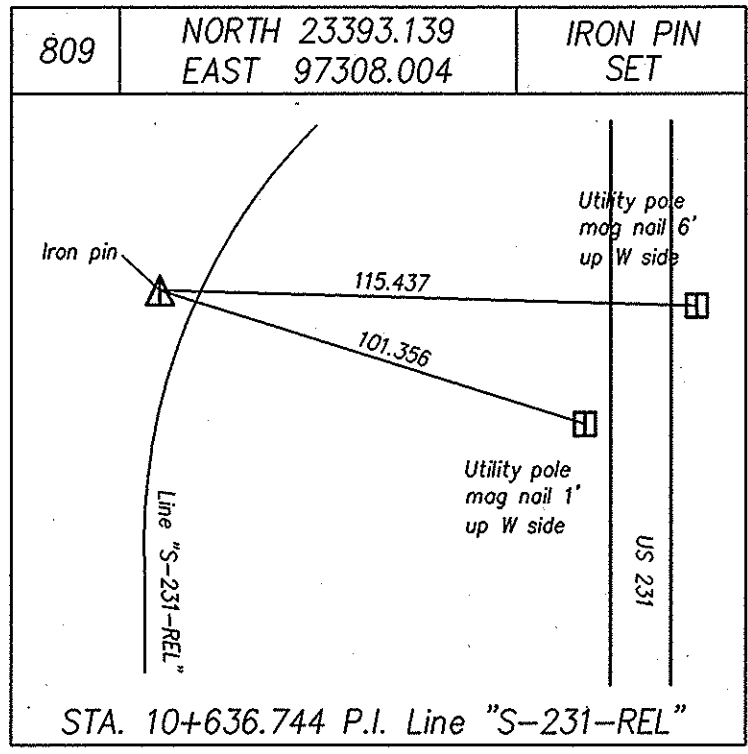
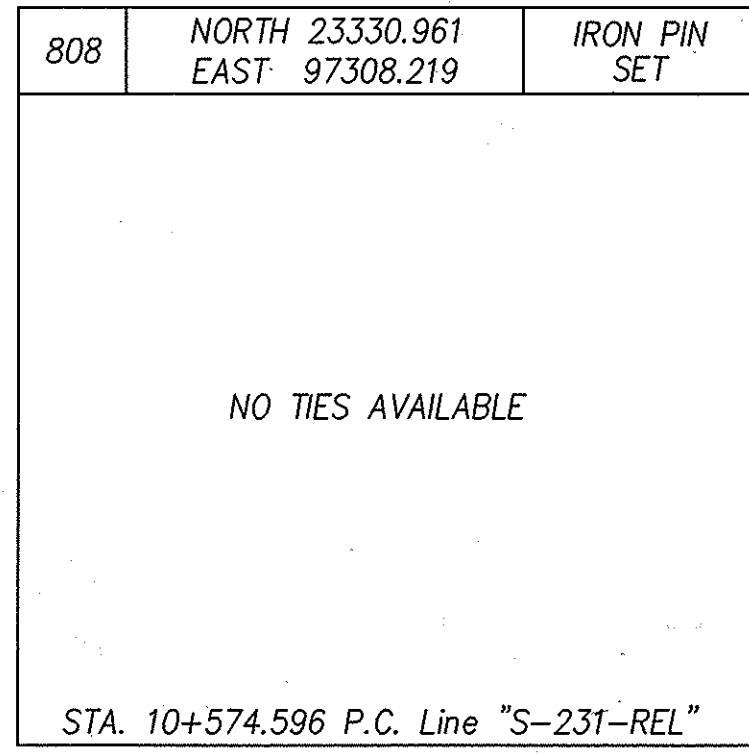
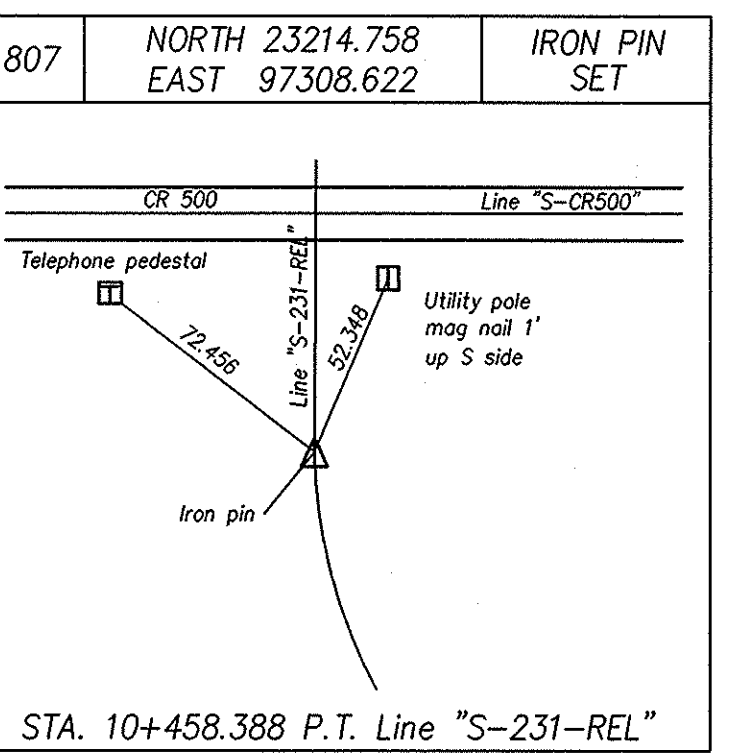
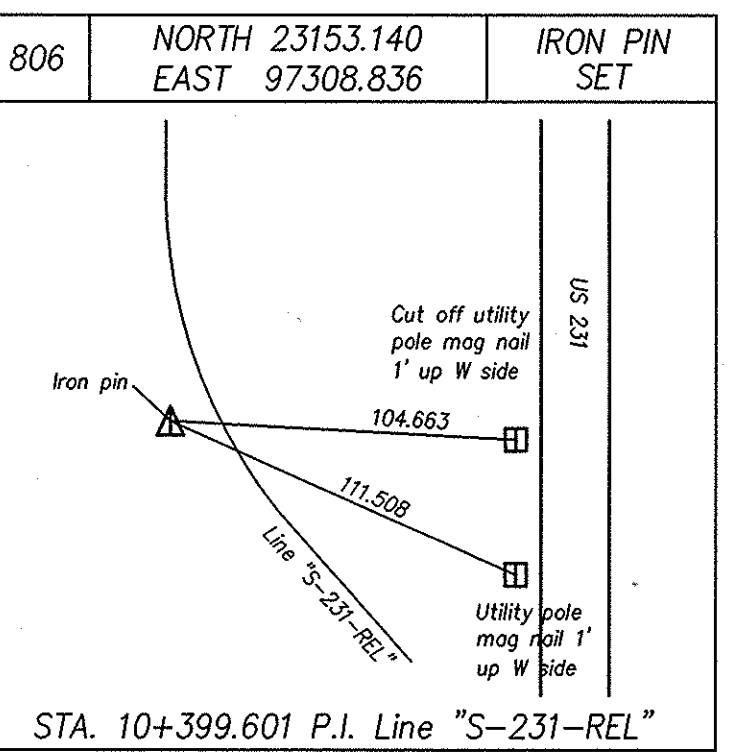
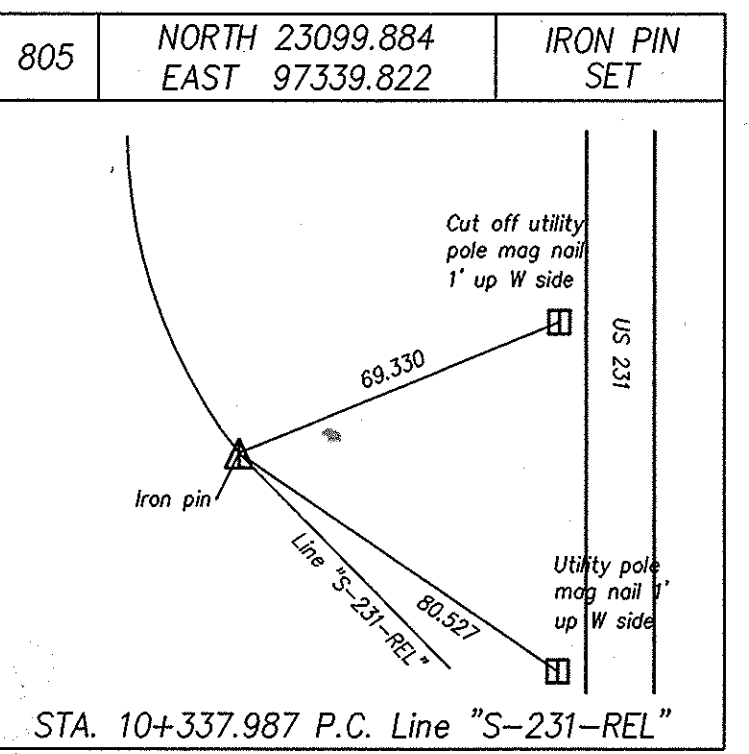
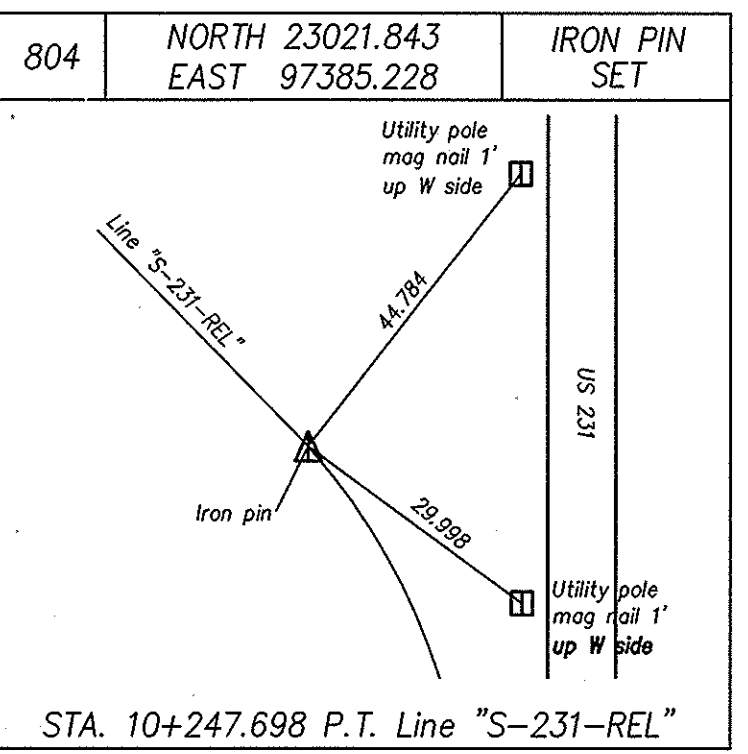
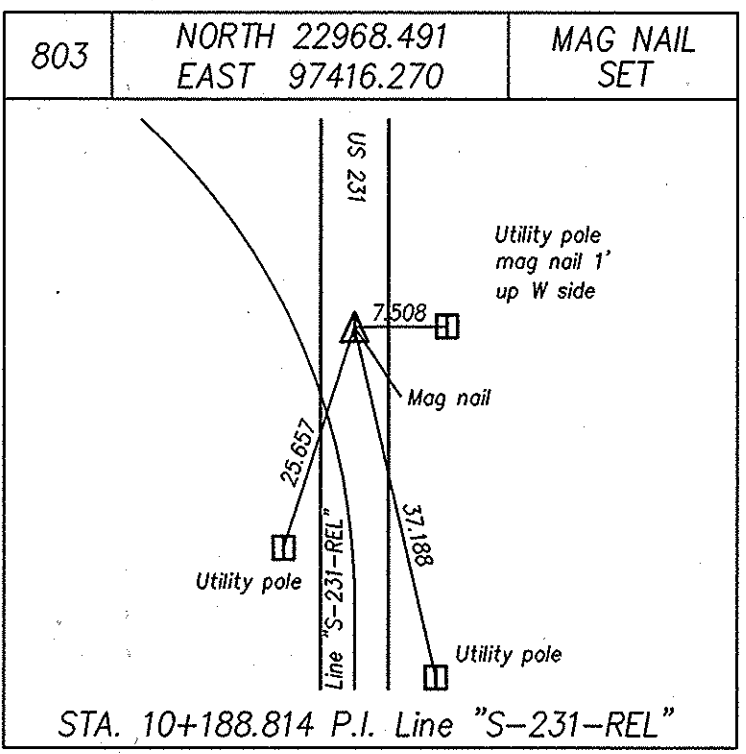
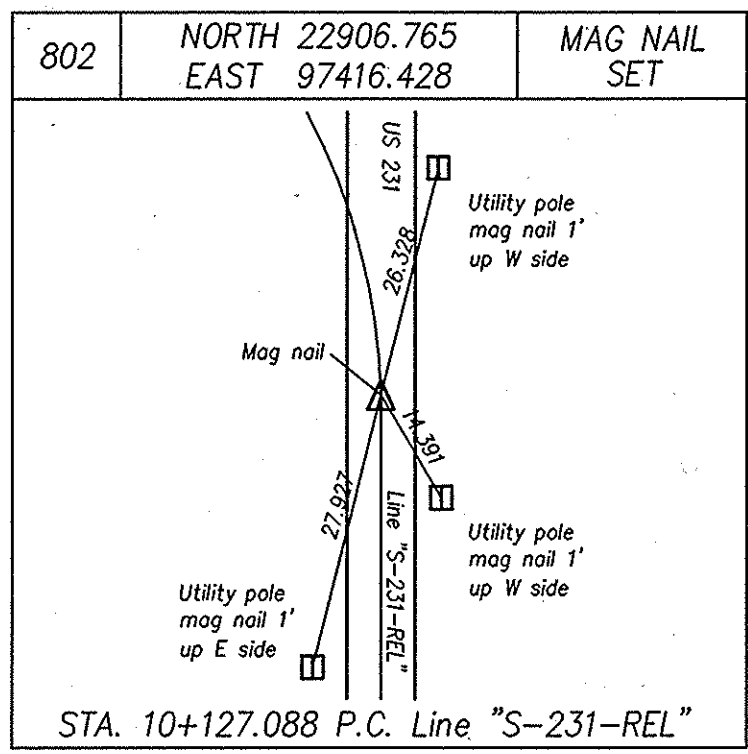
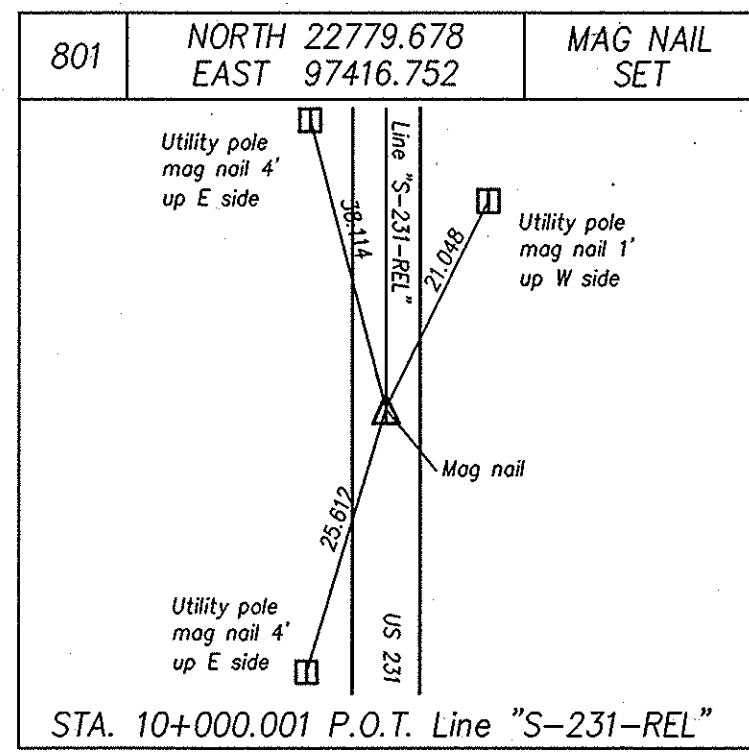
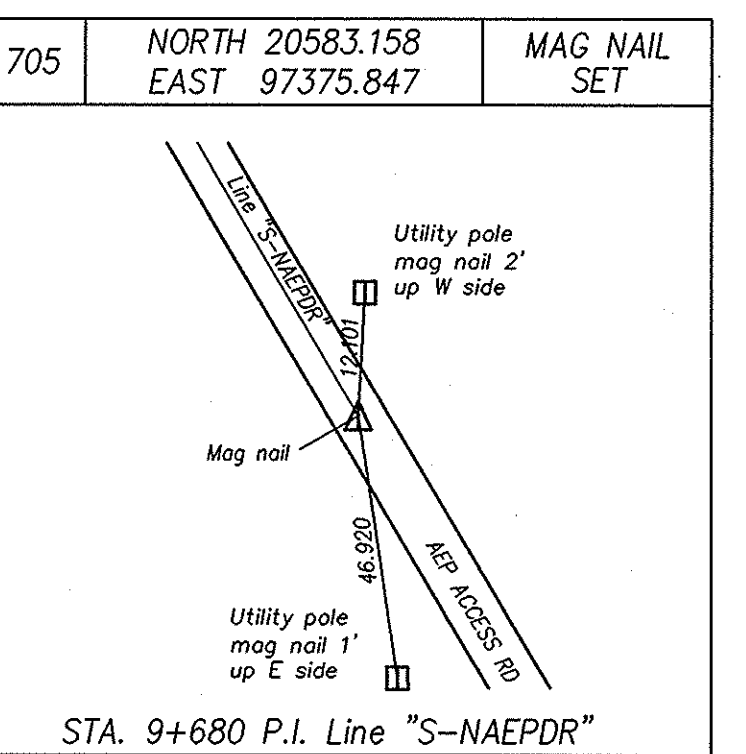
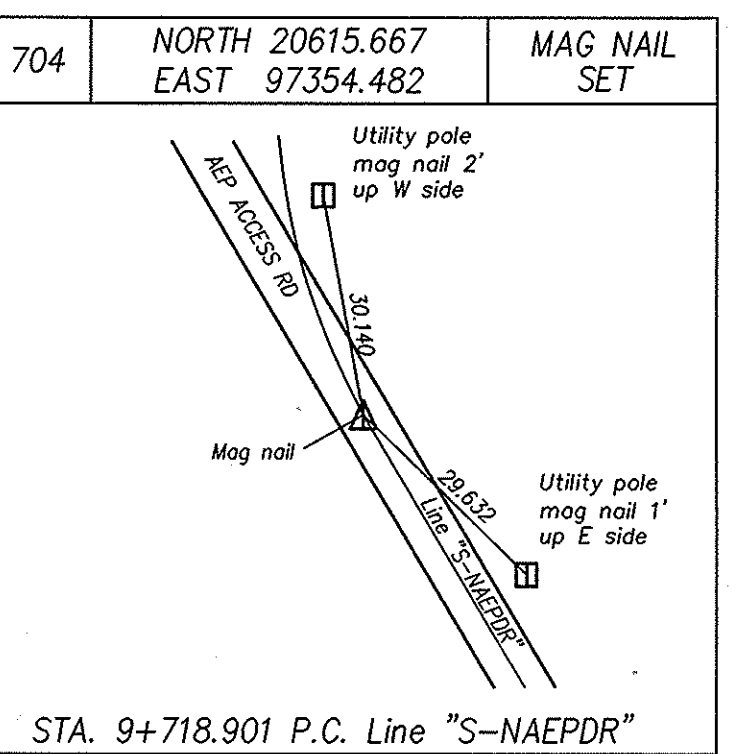
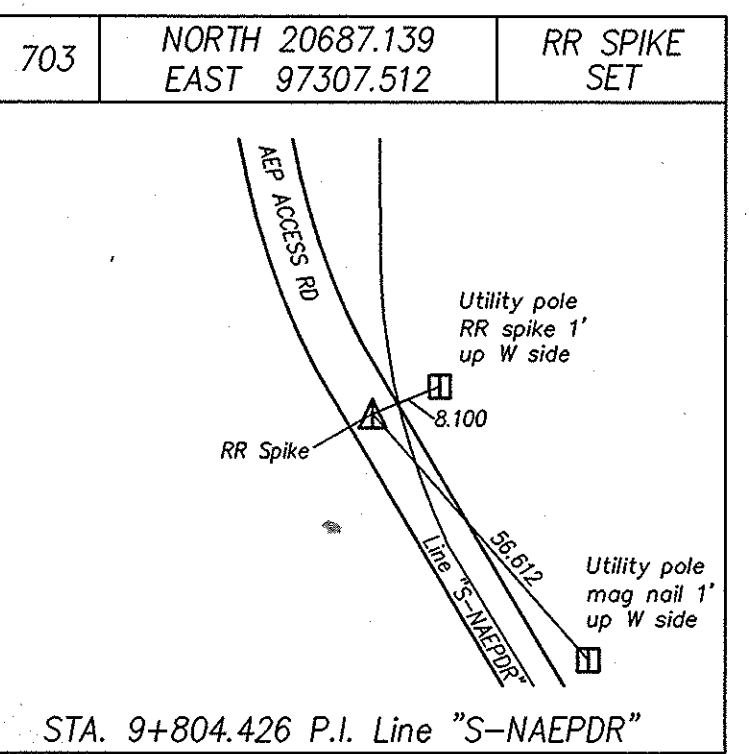
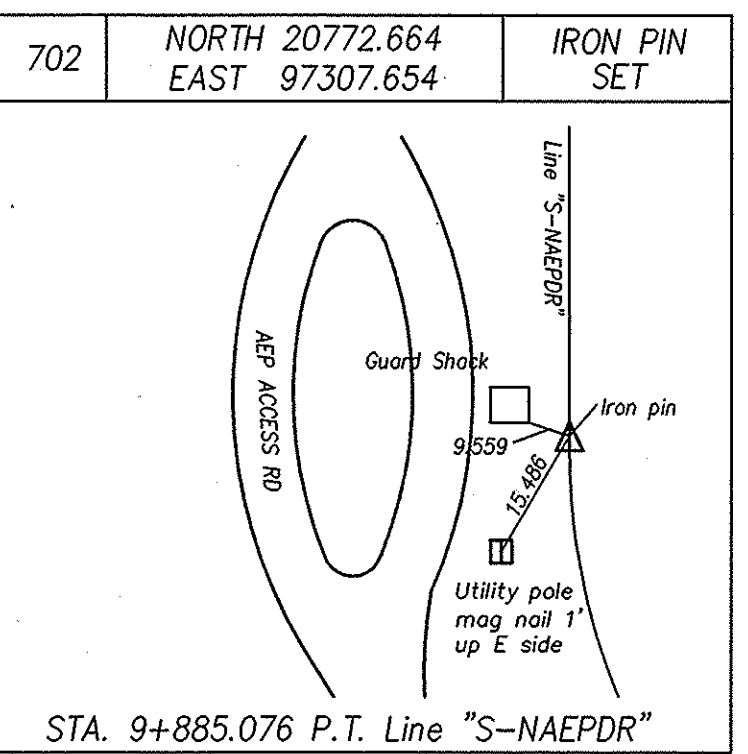
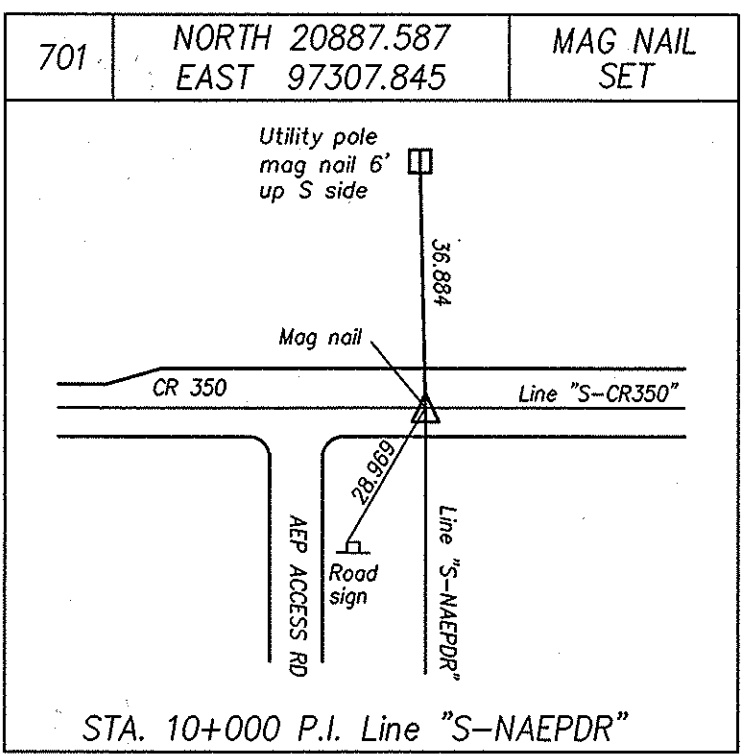
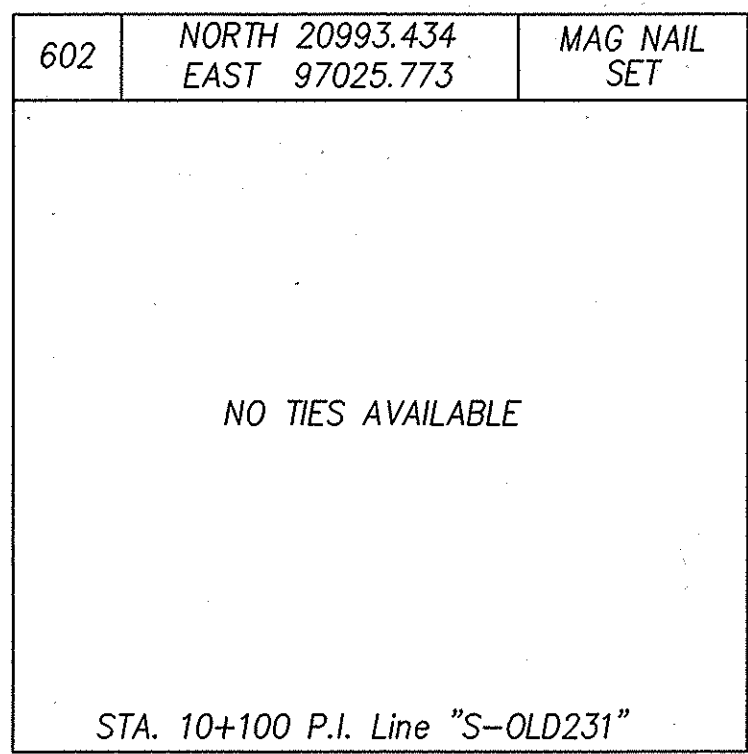
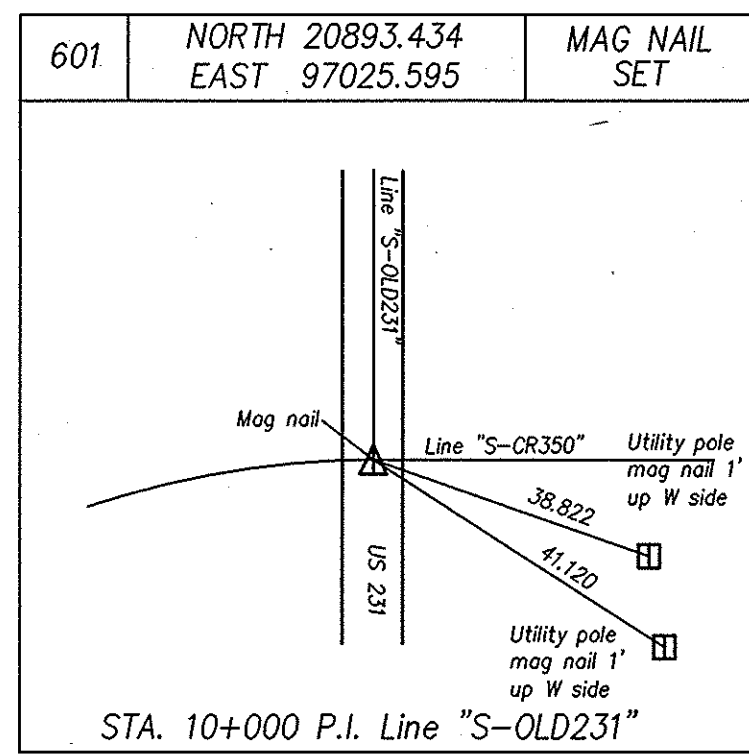
HORIZONTAL SCALE	STRUCTURE NO.
N.T.S.	
COUNTY	DES. NO.
SPENCER	8461360
SURVEY BOOK	SHEETS
	8 of 89
CONTRACT	PROJECT NO.
	NH-075-3()



635
 04-24-03 AT 07:53
 DWG
 P. 133706 (05) 1407020401 30421 W586.dwg

SURVEY STARTED OCTOBER 1998 SURVEY COMPLETED OCTOBER 1999		SURVEYOR STATEMENT THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF IS EXECUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12-20 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF THE EXISTING PARCELS IS NOT PART OF THIS SURVEY.		RECOMMENDED FOR APPROVAL SIGNATURE: _____ DATE: _____ REGISTERED LAND SURVEYOR		INDIANA DEPARTMENT OF TRANSPORTATION LOCATION CONTROL ROUTE SURVEY PLAT U.S. 231		HORIZONTAL SCALE N.T.S.		STRUCTURE NO. _____	
ROUTE SURVEY PLAT SHEET 12 of 14 Surveyor Project No. 98011				DRAWN: BTK DATE: 8/25/99 CHECKED: M.L.C. DATE: 11/11/99				COUNTY SPENCER DES. NO. 8461360		SURVEY BOOK _____	

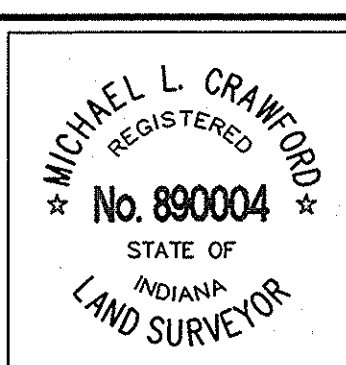


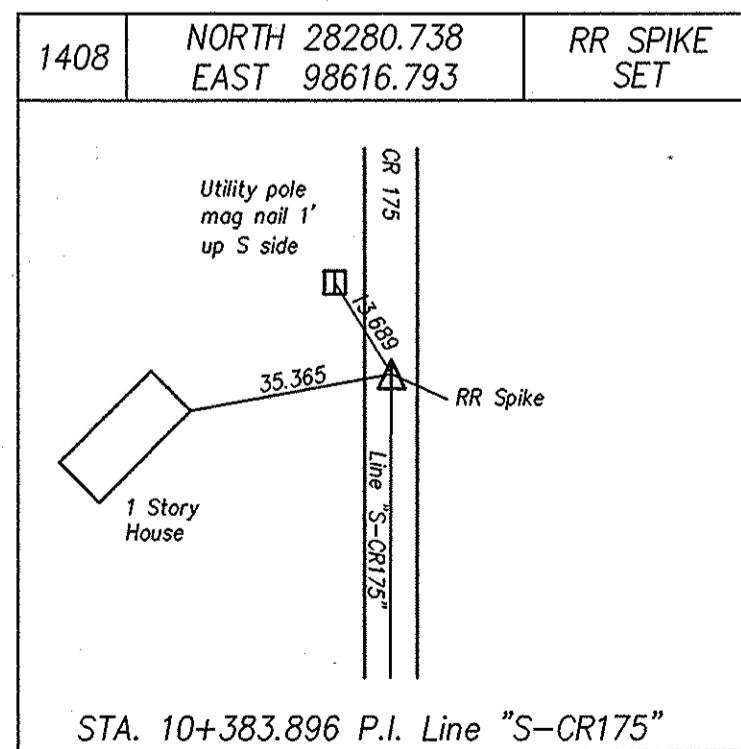
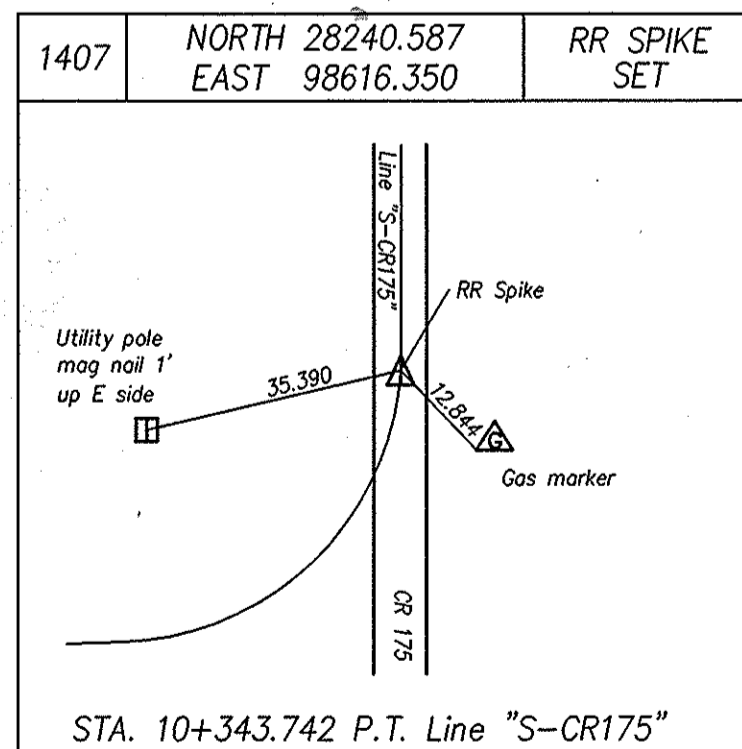
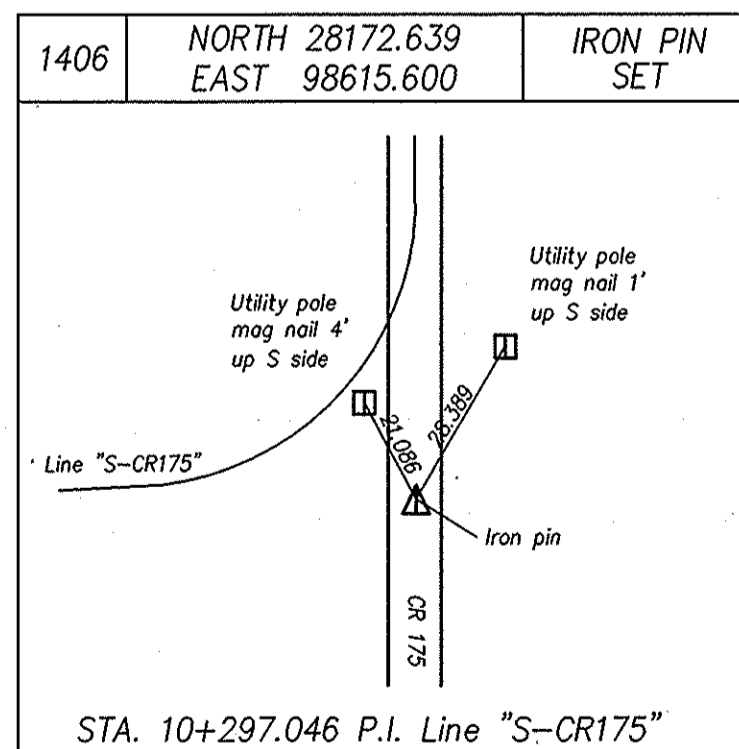
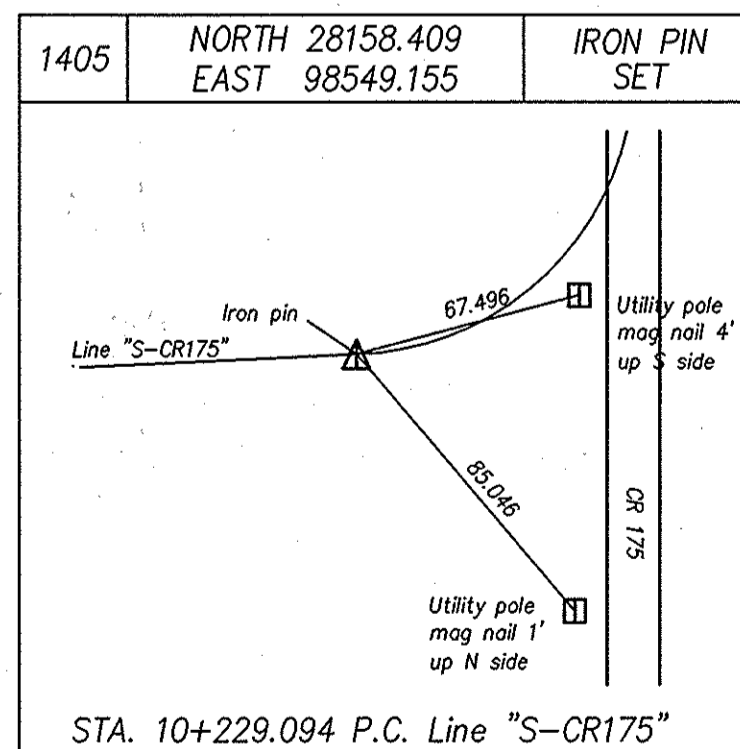
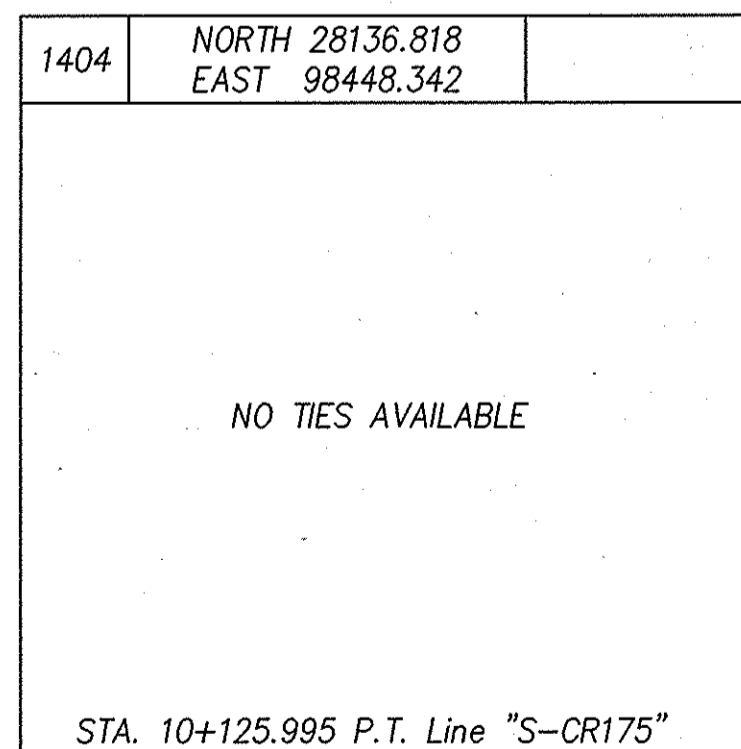
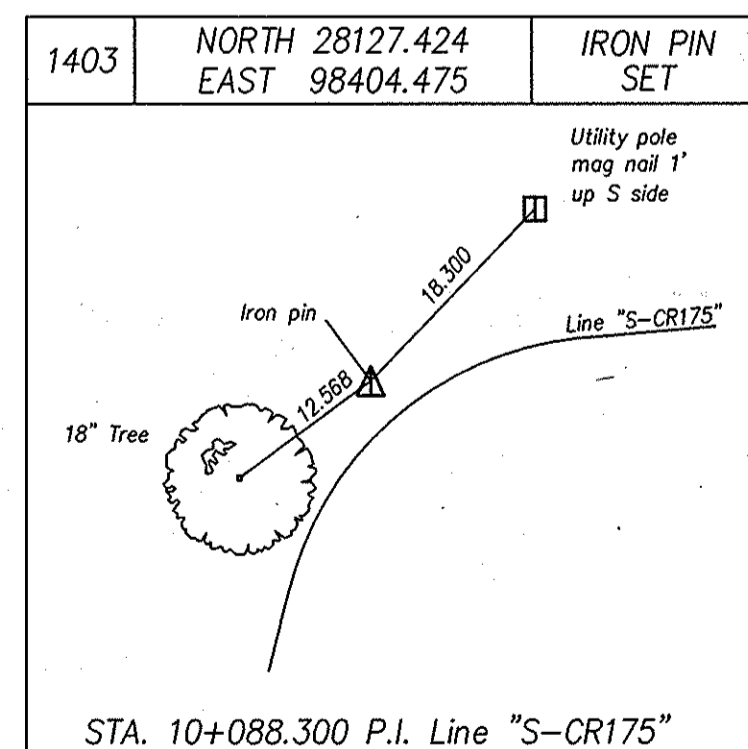
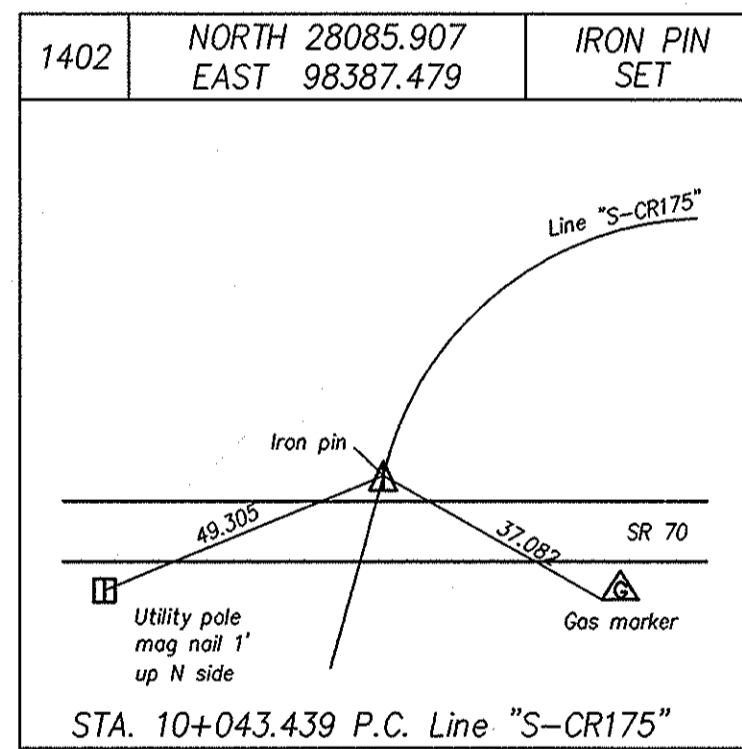
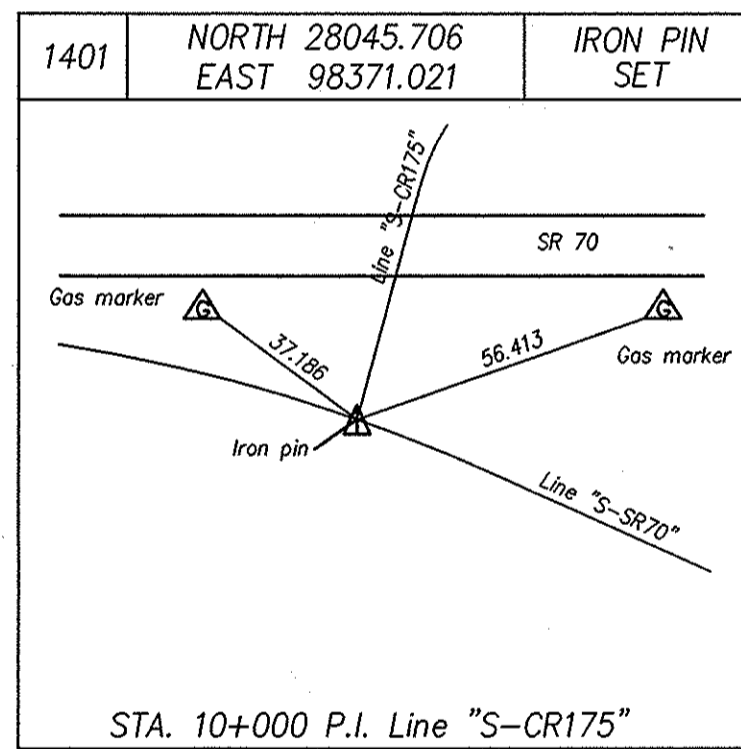
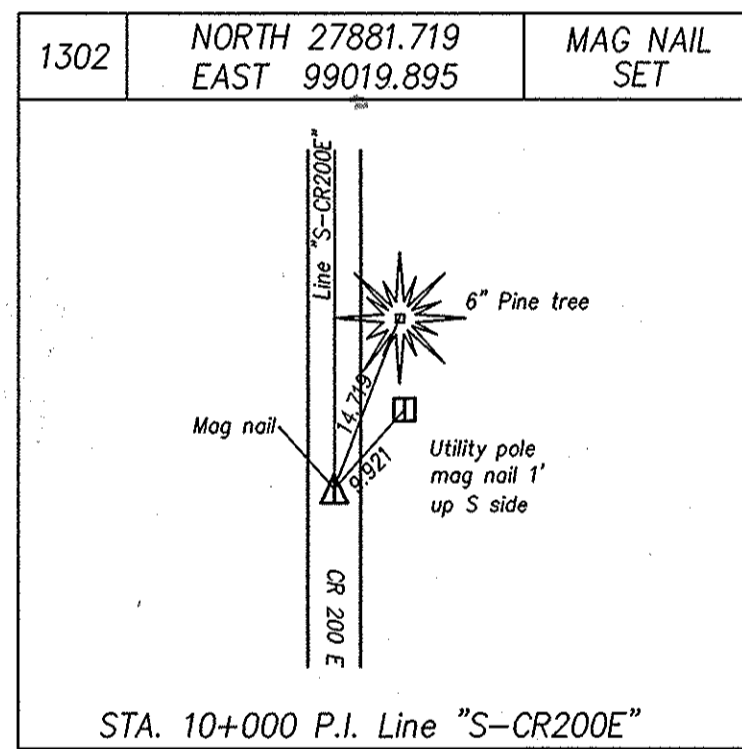
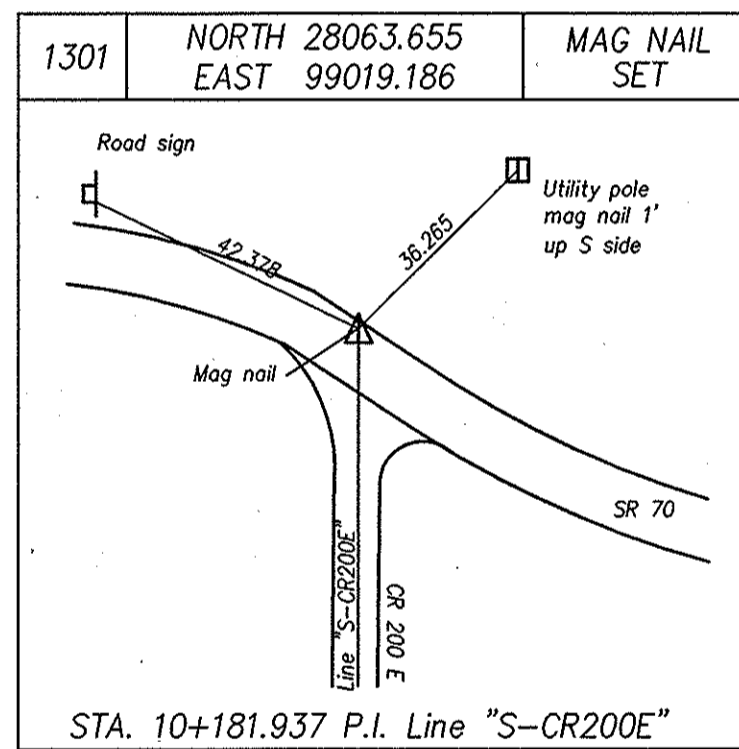
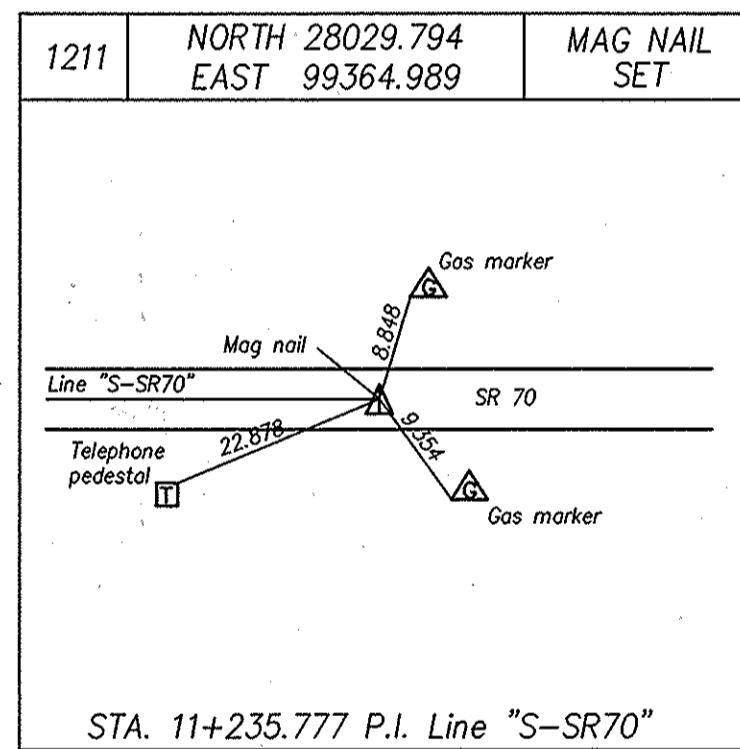
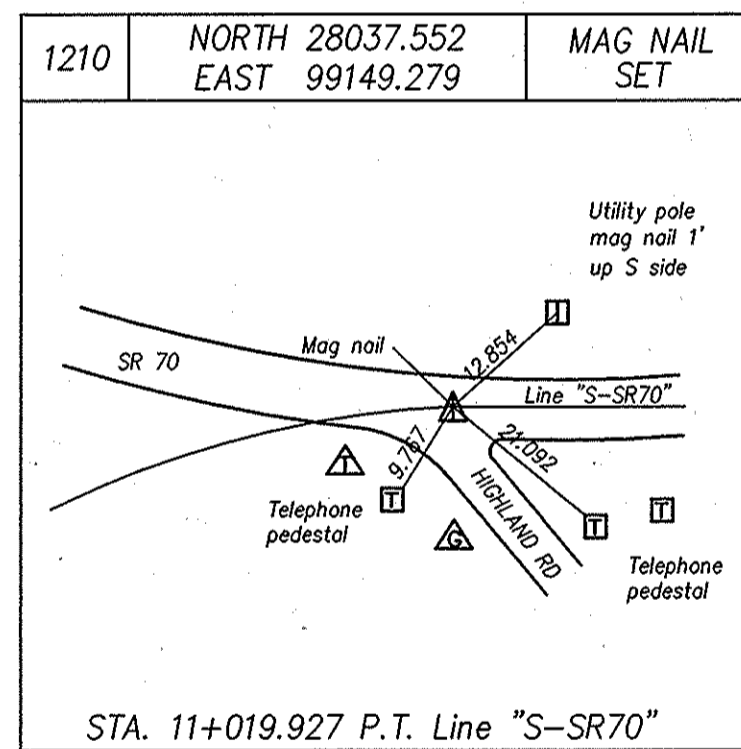
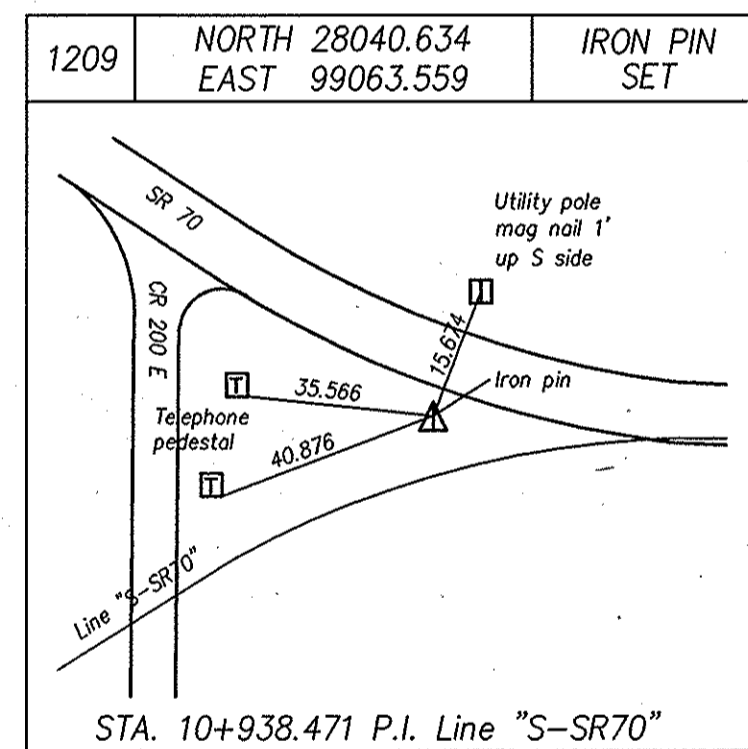
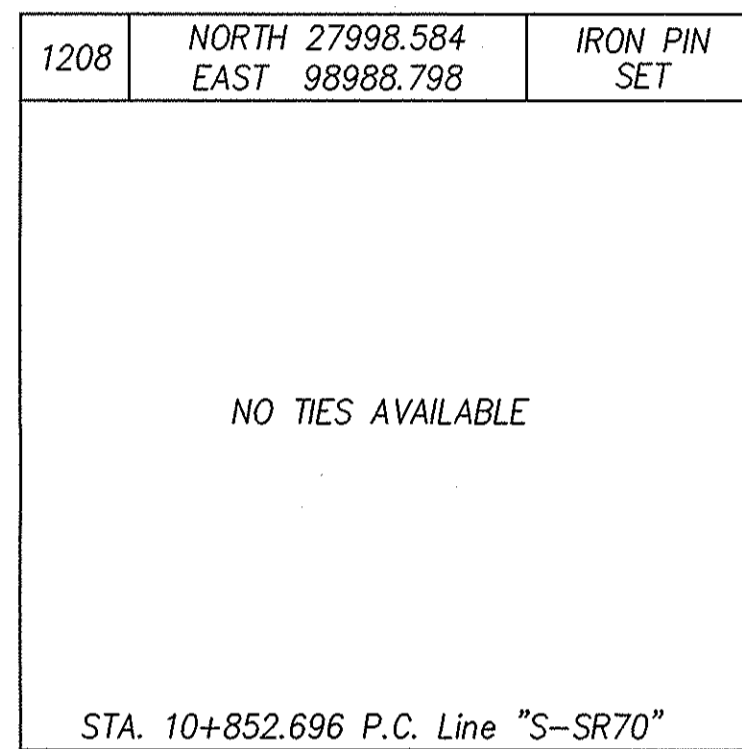
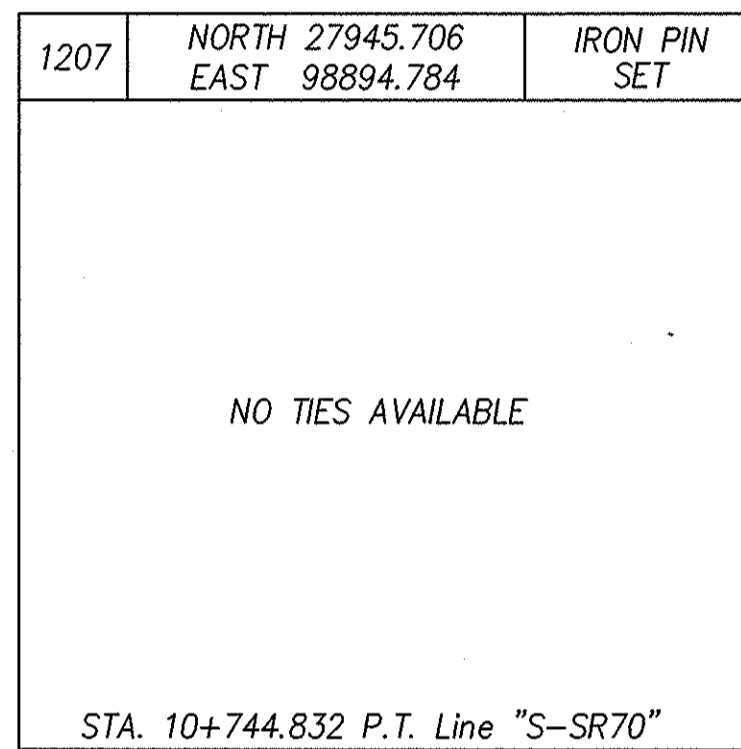
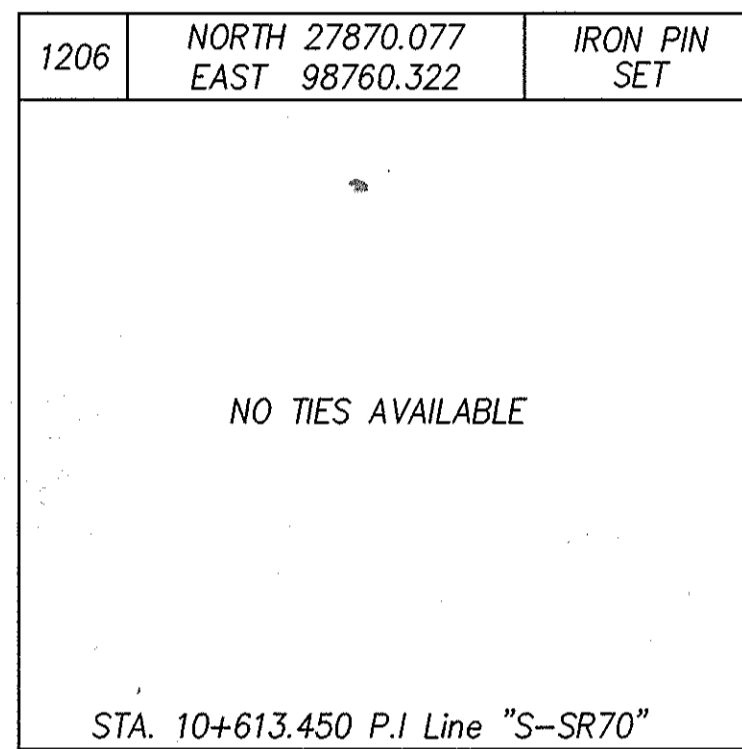
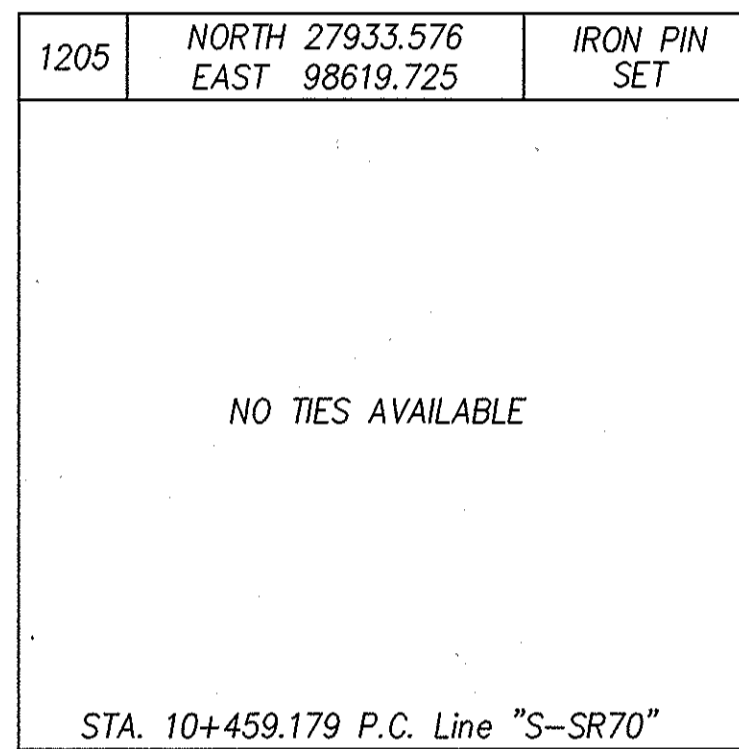
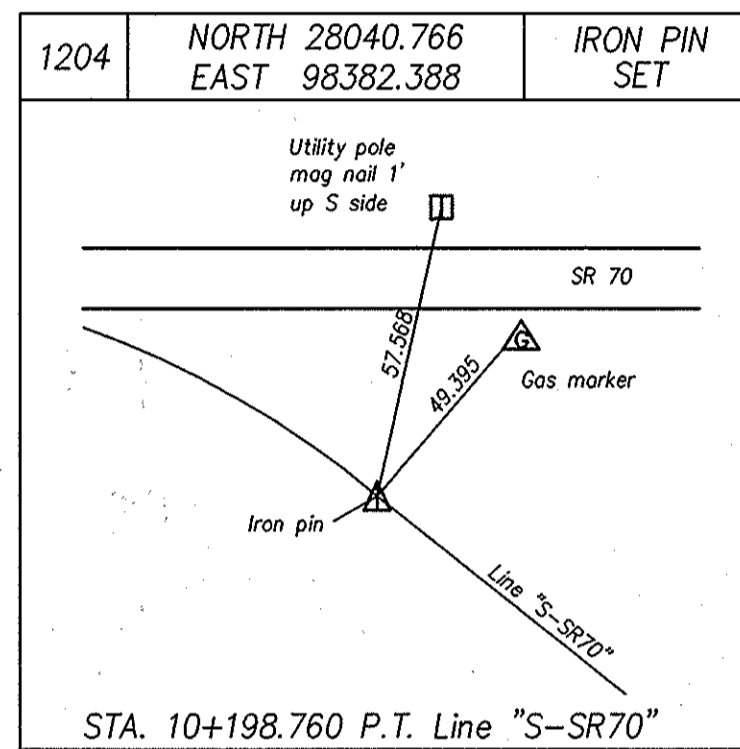
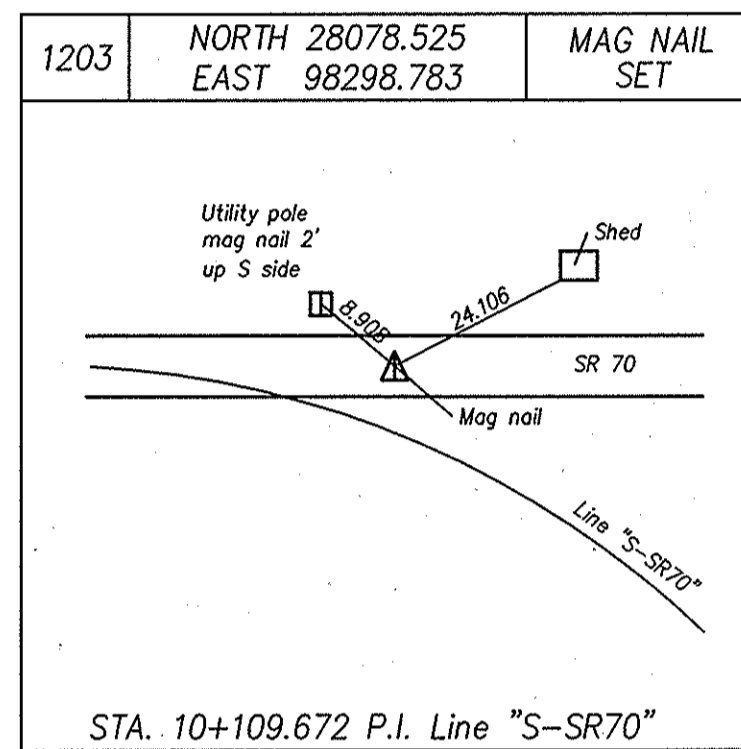
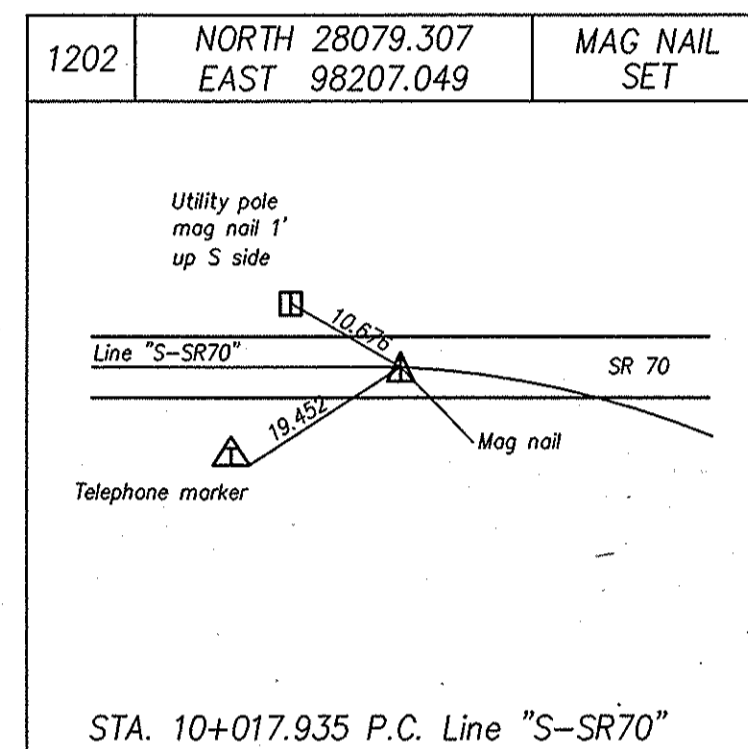
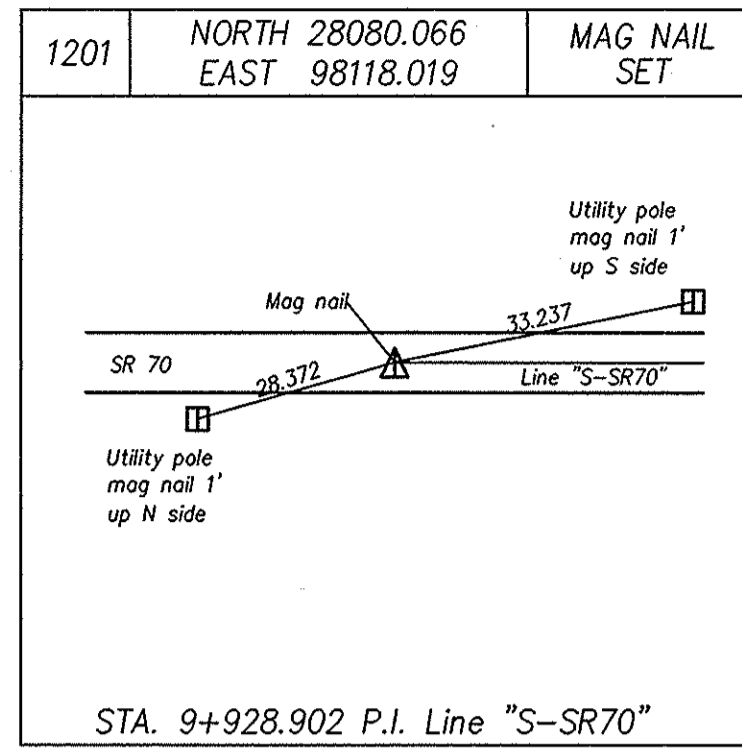
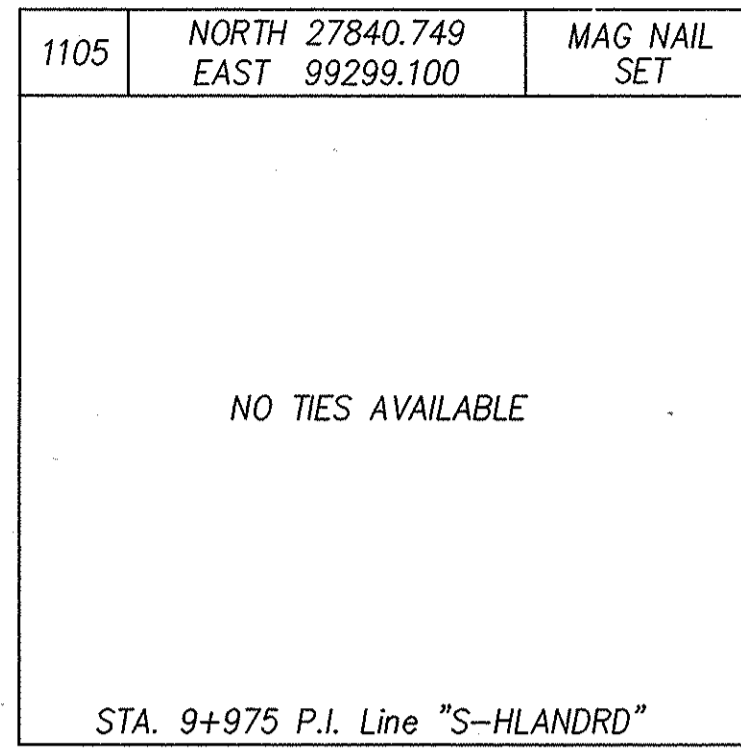
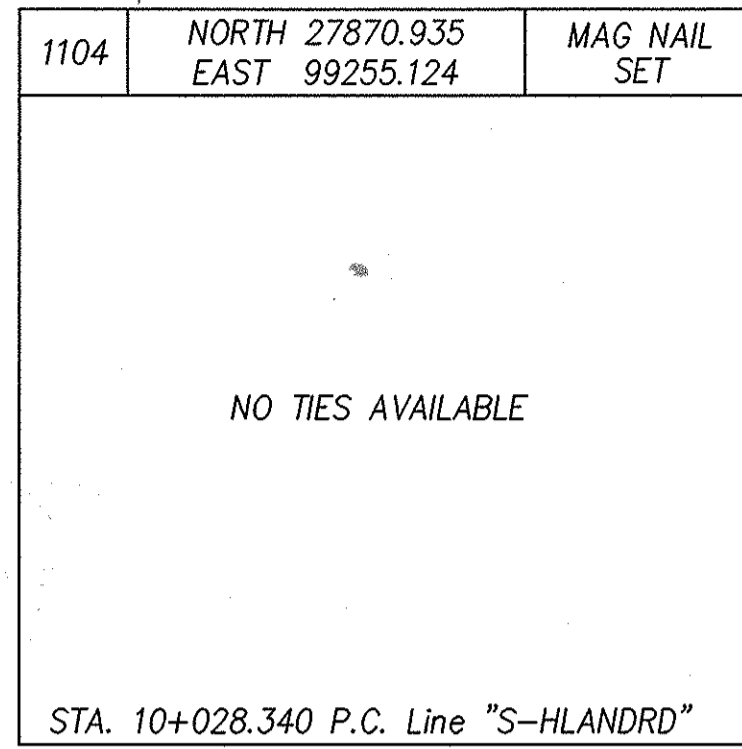
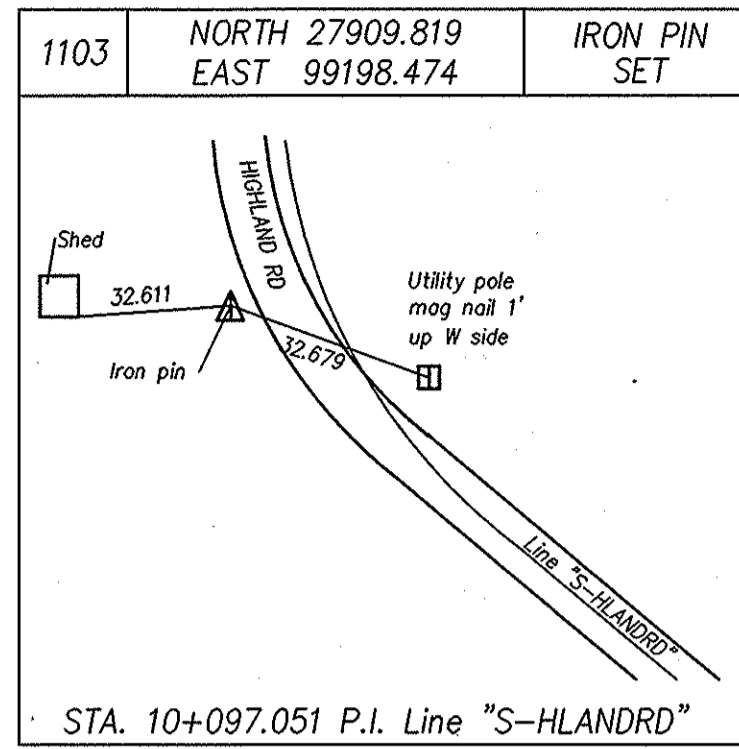
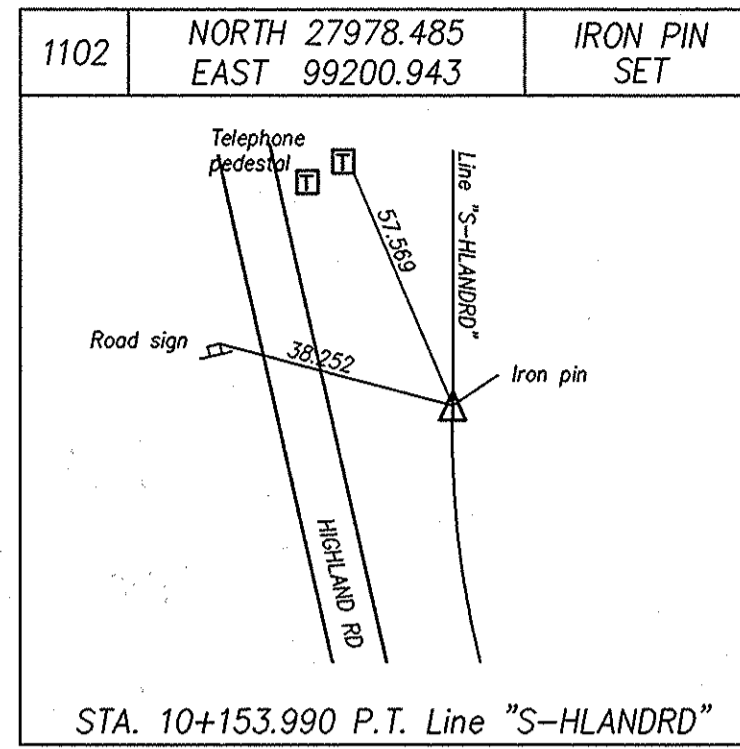
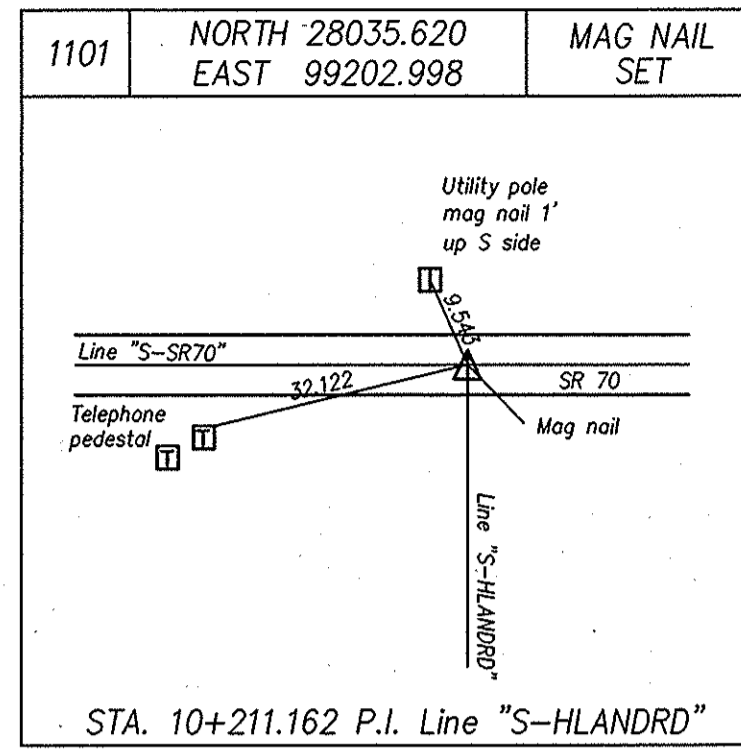
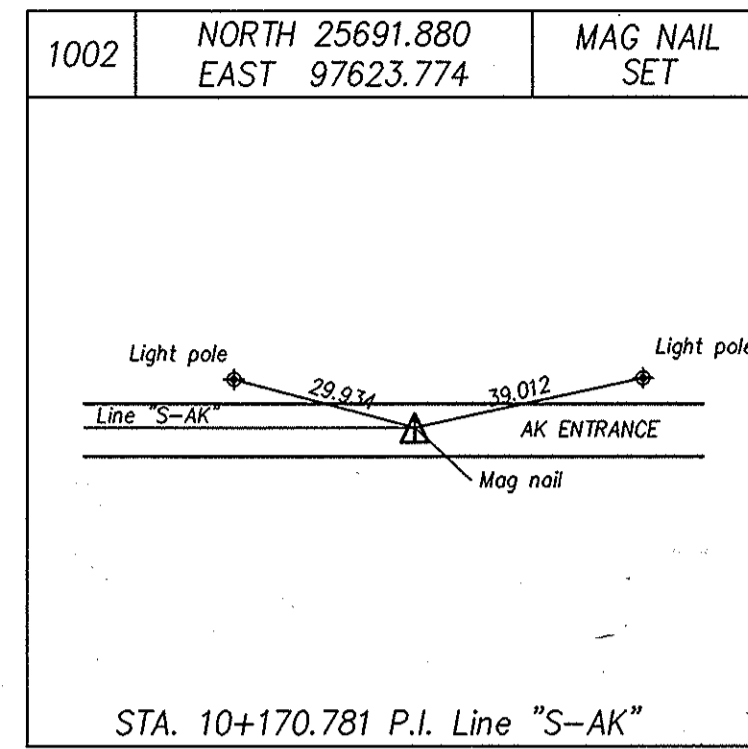


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06-LVZ177 06 (03) AUTOCAD (3042) #1589.dwg



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SURVEY STARTED	OCTOBER 1998																											
SURVEY COMPLETED	OCTOBER 1999																											
ROUTE SURVEY PLAT SHEET	13 of 14																											
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	1 of 89																											
CONTRACT	PROJECT NO.																											
	NH-075-3()																											





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SURVEY STARTED	
OCTOBER 1998	
SURVEY COMPLETED	
OCTOBER 1999	
ROUTE SURVEY PLAT SHEET	
14	of 14
Surveyor Project No.	
98011	

SURVEYOR STATEMENT

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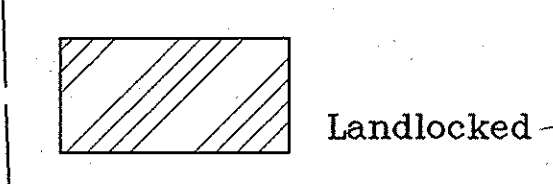
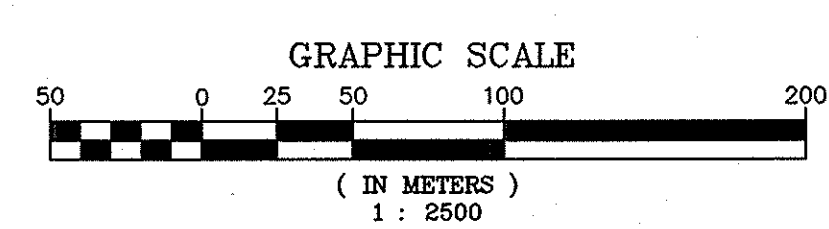
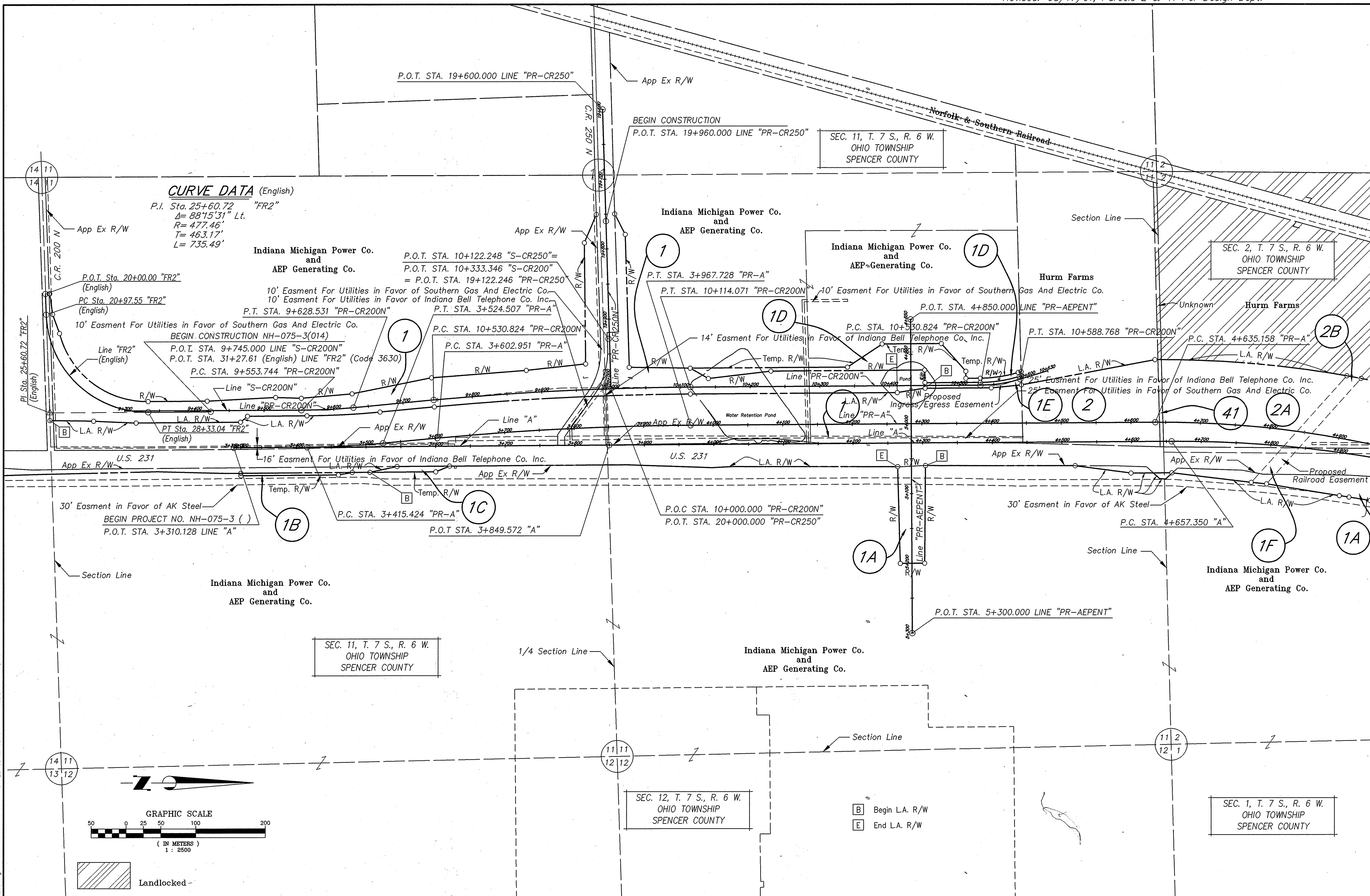


RECOMMENDED FOR APPROVAL	
SIGNATURE: _____	DATE: _____
REGISTERED LAND SURVEYOR	
DRAWN: BTK	DATE: 8/25/99
CHECKED: M.L.C.	DATE: 11/11/99

INDIANA DEPARTMENT OF TRANSPORTATION

LOCATION CONTROL ROUTE SURVEY PLAT
U.S. 231

HORIZONTAL SCALE	STRUCTURE NO.
N.T.S.	
COUNTY	DES. NO.
SPENCER	8461360
SURVEY BOOK	SHEETS
	8C of 89
CONTRACT	PROJECT NO.
	NH-075-3()



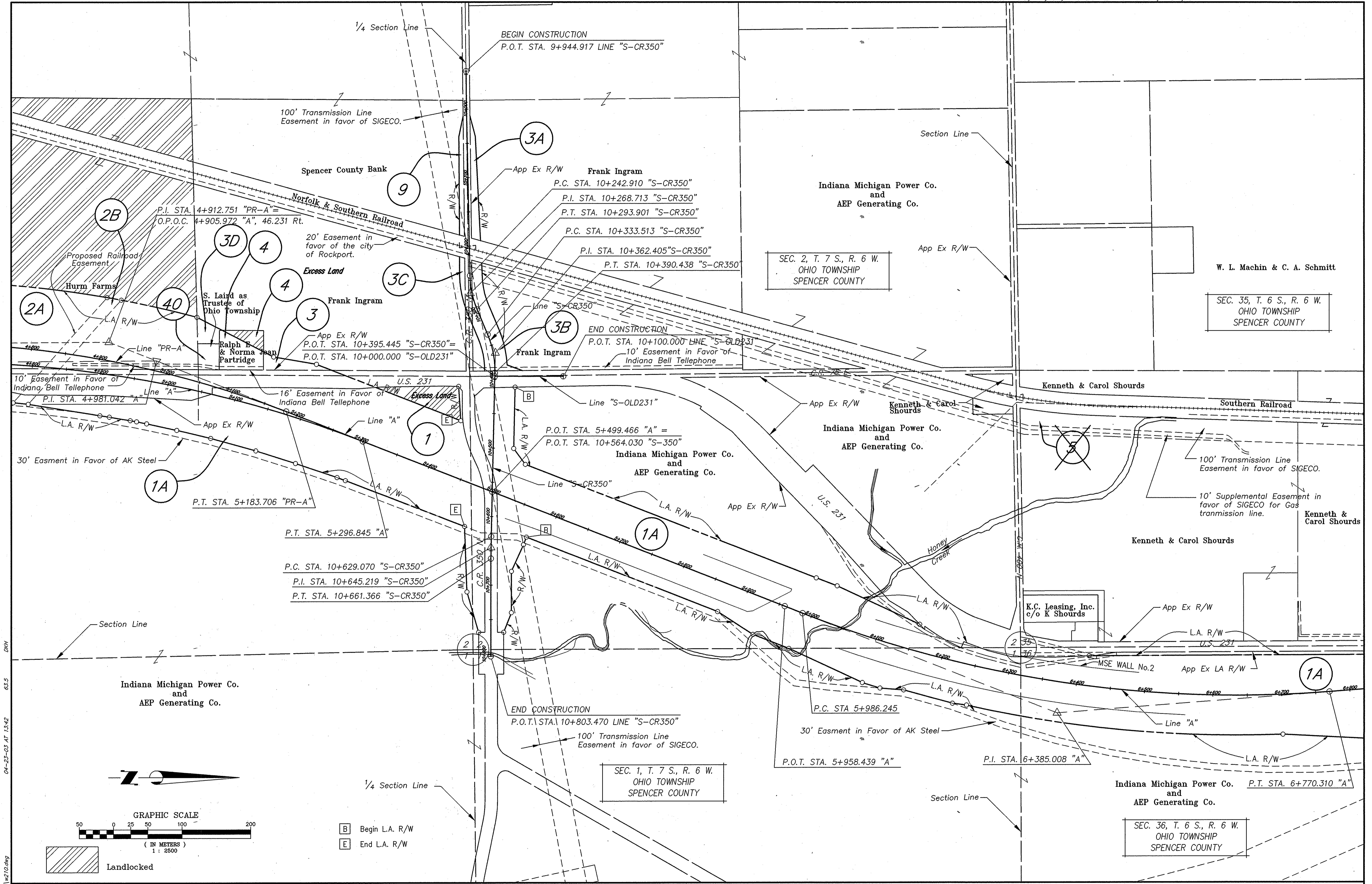
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CHECKED: M.L.C.	DATE: 9/9/99

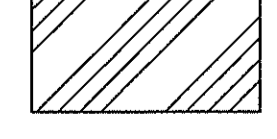
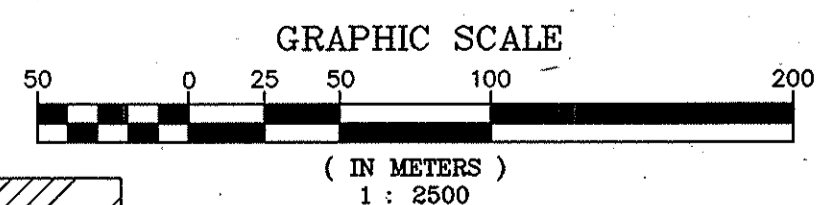
INDIANA DEPARTMENT OF TRANSPORTATION

 PLAT NO. 1
 U.S. 231

HORIZONTAL SCALE	STRUCTURE NO.
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SPENCER	8461360
SURVEY BOOK	SHEETS
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CONTRACT	PROJECT NO.
	NH-075-3()



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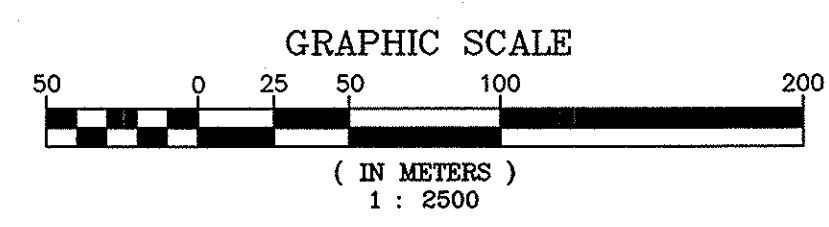
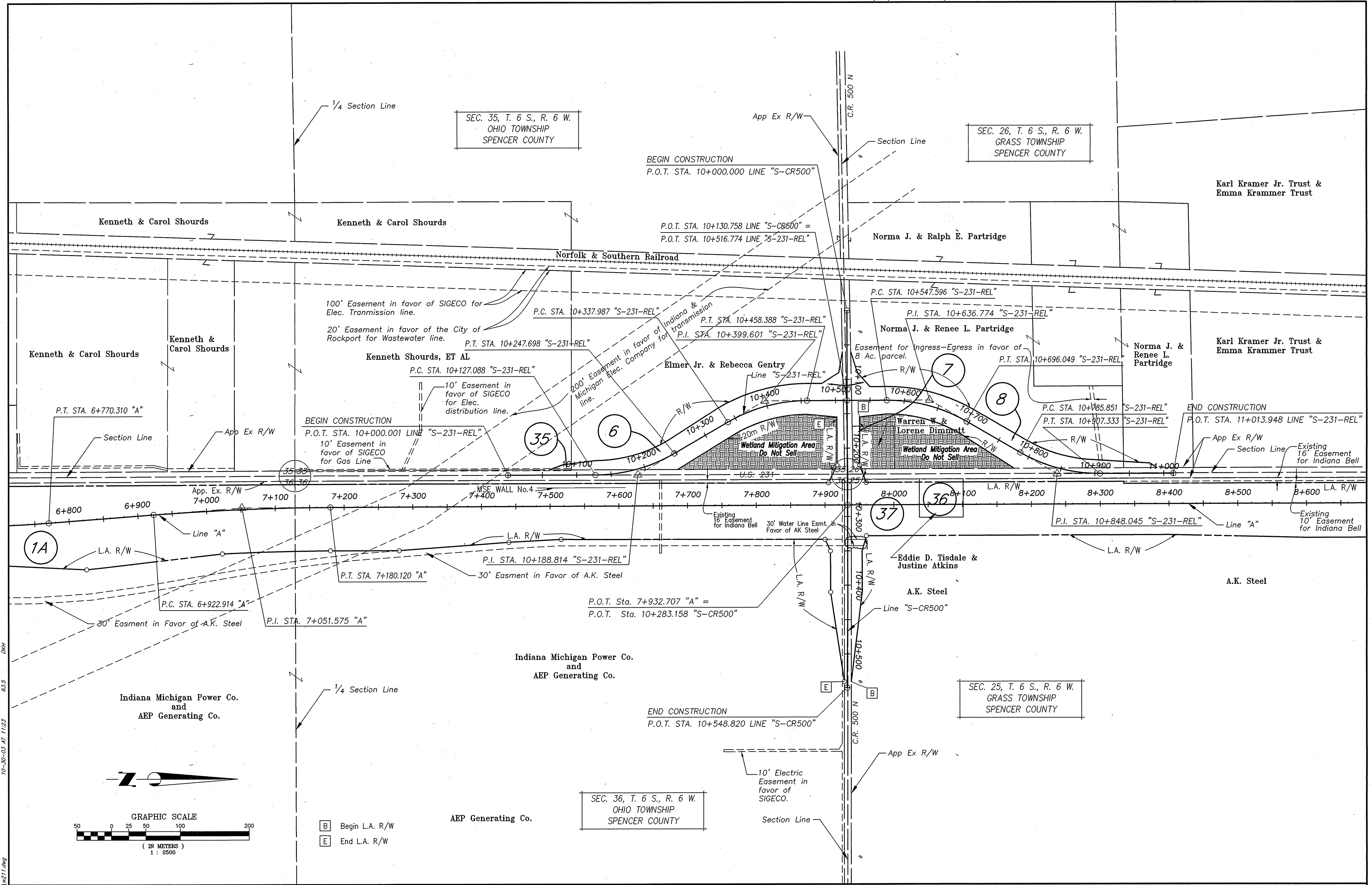
Landlocked

[B] Begin L.A. R/W
 [E] End L.A. R/W

RECOMMENDED FOR APPROVAL	
SIGNATURE: _____	DATE: _____
REGISTERED LAND SURVEYOR	
DRAWN: BTK	DATE: 8/4/99
CHECKED: M.L.C.	DATE: 9/9/99

INDIANA
DEPARTMENT OF TRANSPORTATION
 PLAT NO. 1
 U.S. 231

HORIZONTAL SCALE	STRUCTURE NO.
1:2500	
COUNTY	DES. NO.
SPENCER	8461360
SURVEY BOOK	SHEETS
	10 of 89
CONTRACT	PROJECT NO.
	NH-075-3()



[B] Begin L.A. R/W
 [E] End L.A. R/W

AEP Generating Co.

SEC. 36, T. 6 S., R. 6 W.
 OHIO TOWNSHIP
 SPENCER COUNTY

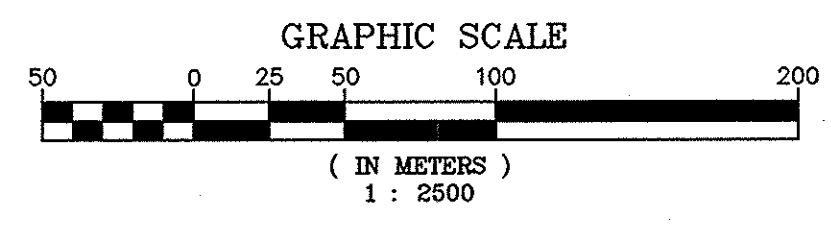
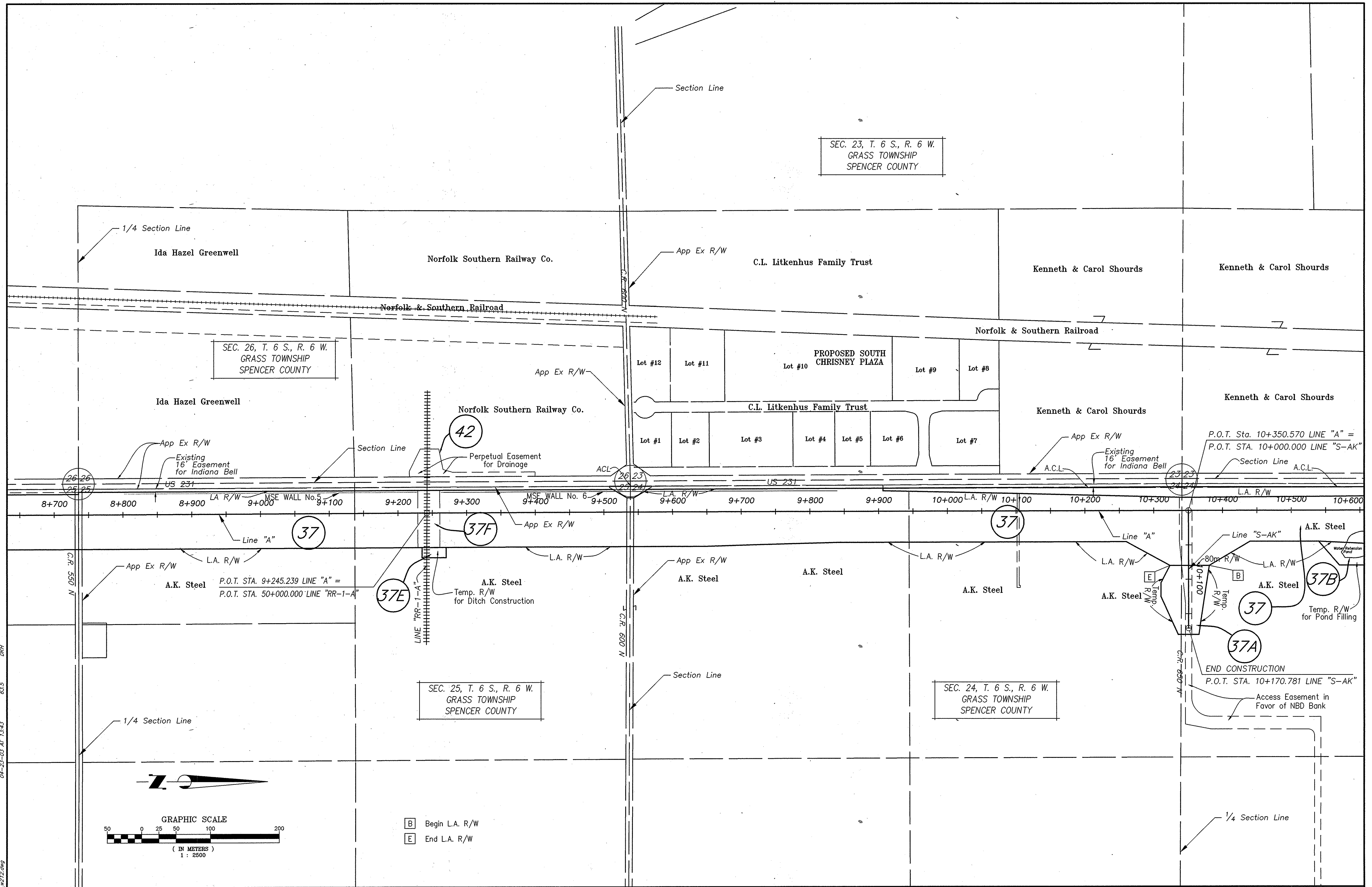
RECOMMENDED FOR APPROVAL	
SIGNATURE:	DATE:
REGISTERED LAND SURVEYOR	
DRAWN: BTK	DATE: 8/5/99
CHECKED: M.L.C.	DATE: 9/9/99

INDIANA
 DEPARTMENT OF TRANSPORTATION

PLAT NO. 1
 U.S. 231

HORIZONTAL SCALE	STRUCTURE NO.
1:2500	
COUNTY	DES. NO.
SPENCER	8461360
SURVEY BOOK	SHEETS
	11 of 89
CONTRACT	PROJECT NO.
	NH-075-3()

10-30-03 AT 11:23
 63.5
 R:\3237.06\05\INDOT\3042\30421.dwg



[B] Begin L.A. R/W
 [E] End L.A. R/W

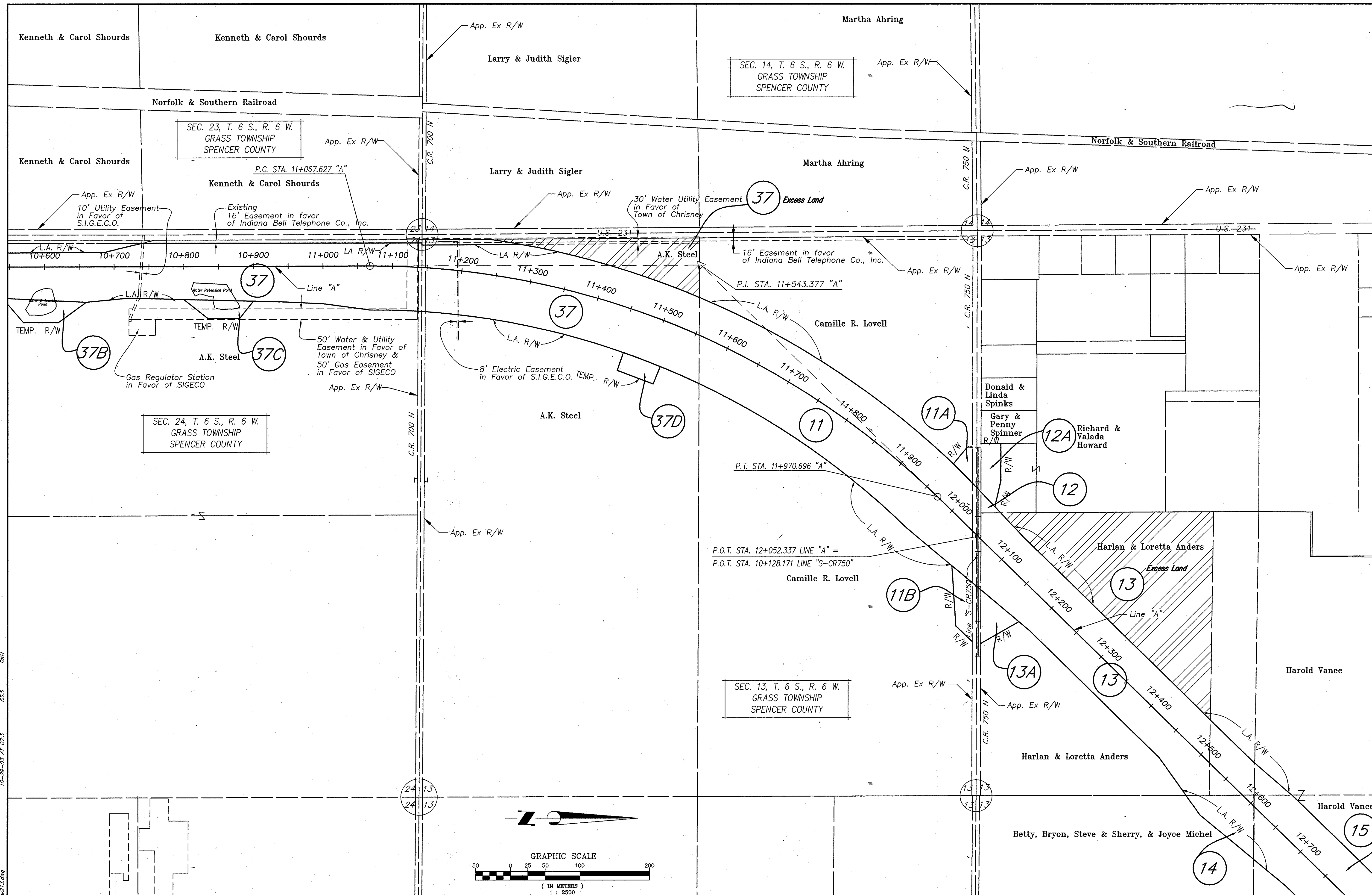
04-23-02 AT 1343
 63.5
 DWH
 6/13/97 05:05 (AUTOCAD) [3042] 14212.dwg

RECOMMENDED FOR APPROVAL	
SIGNATURE: _____	DATE: _____
REGISTERED LAND SURVEYOR	
DRAWN: BTK	DATE: 8/6/99
CHECKED: M.L.C.	DATE: 9/9/99

**INDIANA
DEPARTMENT OF TRANSPORTATION**

PLAT NO. 1
US 231

HORIZONTAL SCALE	STRUCTURE NO.
1:2500	
COUNTY	DES. NO.
SPENCER	8461360
SURVEY BOOK	SHEETS
	12 of 89
CONTRACT	PROJECT NO.
	NH-075-3

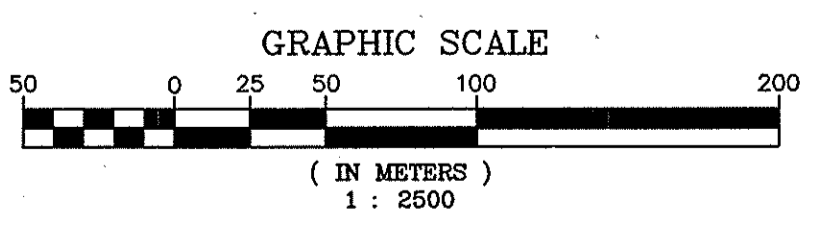
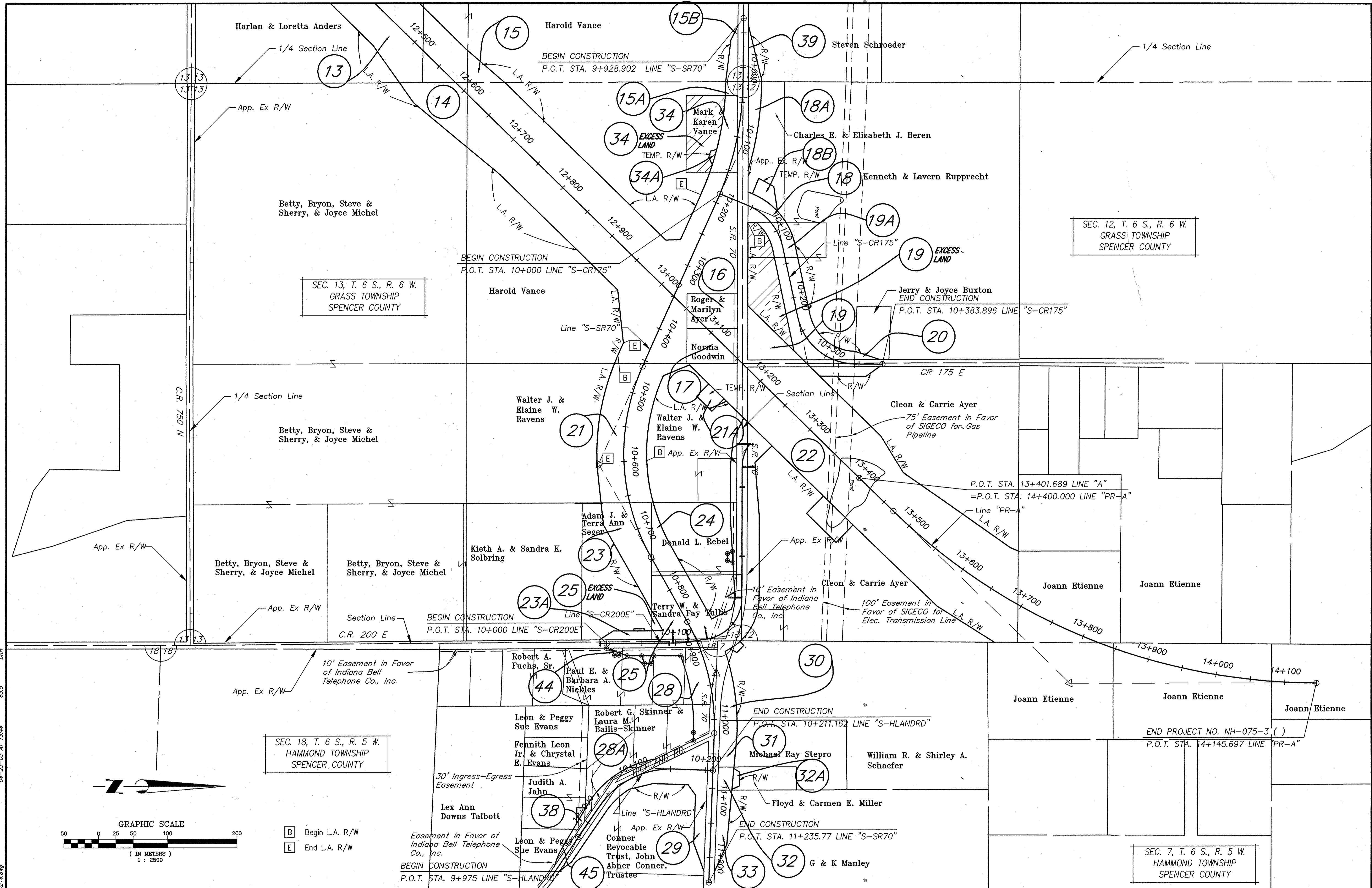


6:13737.0510514070201.30421213.dwg 10-28-03 AT 07:3 63.5 DMH

RECOMMENDED FOR App. ROVAL
 SIGNATURE: _____ DATE: _____
 REGISTERED LAND SURVEYOR
 DRAWN: BTK DATE: 8/9/99
 CHECKED: M.L.C. DATE: 9/9/99

INDIANA
 DEPARTMENT OF TRANSPORTATION
 PLAT NO. 1
 U.S. 231

HORIZONTAL SCALE	STRUCTURE NO.
1:2500	
COUNTY	DES. NO.
SPENCER	8461360
SURVEY BOOK	SHEETS
	13 of 89
CONTRACT	PROJECT NO.
	NH-075-3()



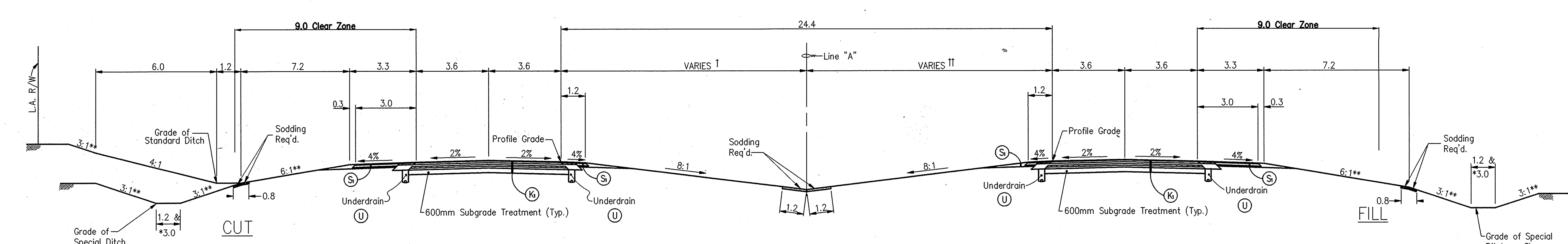
[B] Begin L.A. R/W
[E] End L.A. R/W

04-23-03 AT 13:44
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RECOMMENDED FOR App. ROVAL
 SIGNATURE: _____ DATE: _____
 REGISTERED LAND SURVEYOR
 DRAWN: BTK DATE: 8/10/99
 CHECKED: M.L.C. DATE: 9/9/99

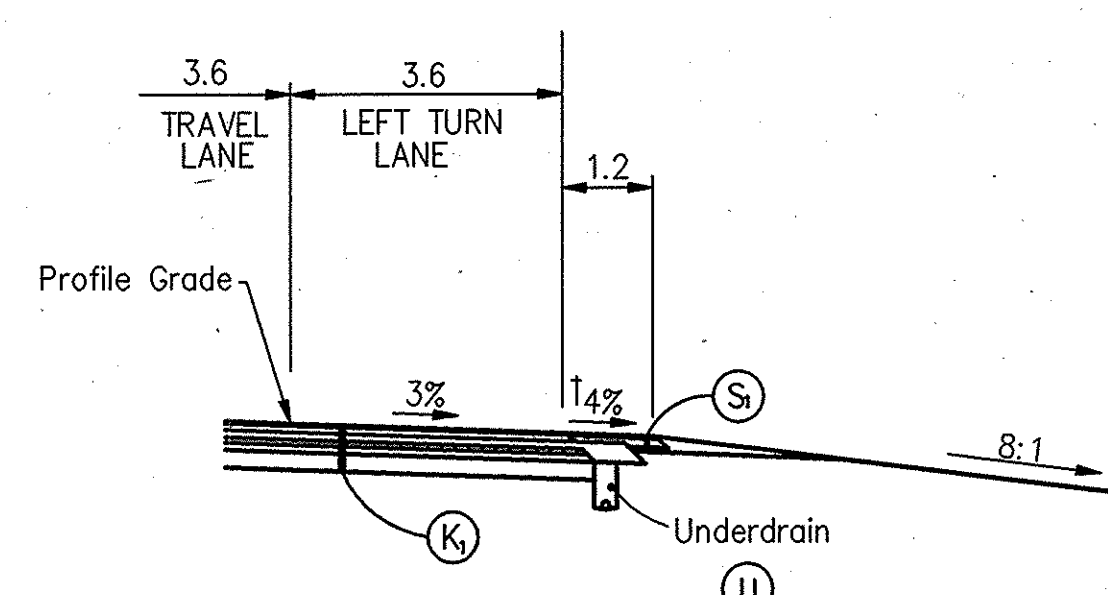
INDIANA
 DEPARTMENT OF TRANSPORTATION
 PLAT NO. 1
 U.S. 231

HORIZONTAL SCALE	STRUCTURE NO.
1:2500	
COUNTY	DES. NO.
SPENCER	0001230
SURVEY BOOK	SHEETS
	14 of 98
CONTRACT	PROJECT NO.
	NH-075-3()



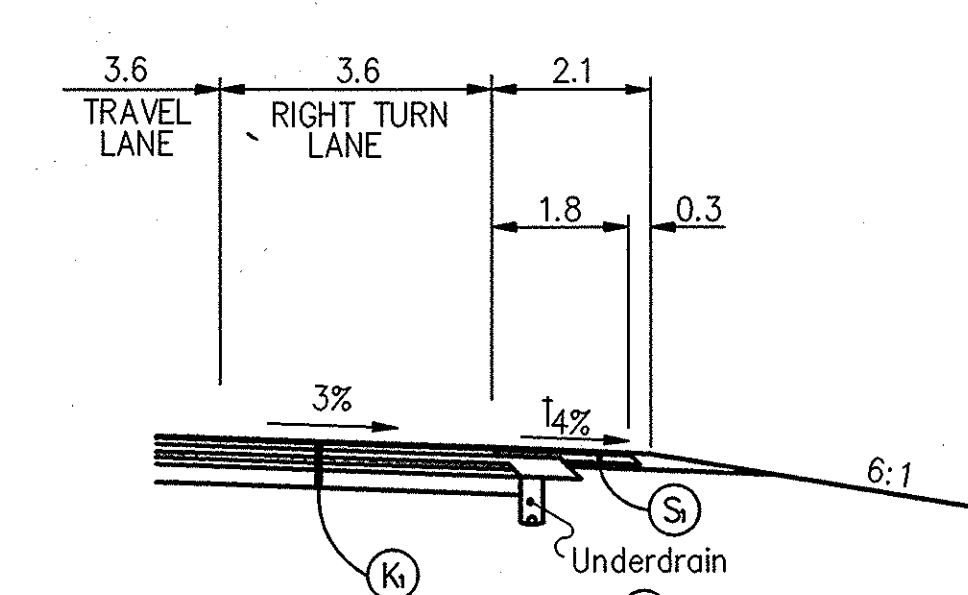
TYPICAL SECTION ON TANGENT

STA. 3+352.8 "A" TO STA. 3+360.0 "A"
 STA. 3+590.0 "PR-A" TO STA. 4+570.0 "PR-A"
 STA. 5+250.0 "PR-A" TO STA. 5+304.108 "PR-A" BACK
 STA. 5+296.845 "A" AHEAD TO STA. 5+901.0 "A"
 STA. 7+302.5 "A" TO STA. 10+998.627 "A"
 * As Shown on Cross Sections
 ** 4:1 FROM 4+299.0 "PR-A" TO 4+570.0 "PR-A"
 FROM 5+250.0 "PR-A" TO 5+304.108 "PR-A" BACK
 FROM 5+296.845 "A" AHEAD TO 5+901.0 "A"
 † 9.1m FROM STA. 3+352.8 "A" TO STA. 3+967.725 "PR-A"
 VARIES FROM 9.1m @ STA. 3+967.725 "PR-A" TO 11.0m @ STA. 4+188.05 "PR-A"
 11.0m FROM STA. 4+188.05 "PR-A" TO STA. 11+320.0 "A"
 †† 9.1m FROM STA. 3+352.8 "A" TO STA. 4+400.0 "PR-A"
 VARIES FROM 9.1m @ STA. 4+400.0 "PR-A" TO 11.0m @ STA. 4+620.0 "PR-A"
 11.0m FROM STA. 4+620.0 "PR-A" TO STA. 11+320.0 "A"



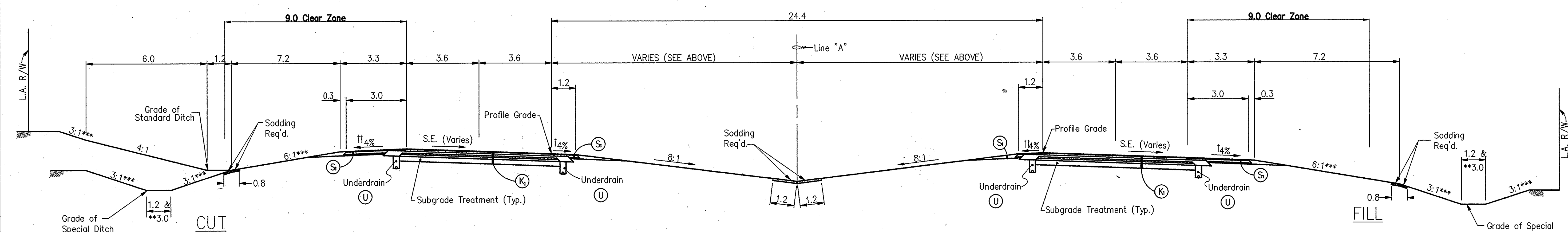
LEFT TURN LANE

STA. 4+029.365 "PR-A" TO STA. 4+241.567 "PR-A"
 STA. 4+327.967 "PR-A" TO STA. 4+492.967 "PR-A"
 STA. 5+245.000 "A" TO STA. 5+462.800 "A"
 STA. 7+679.100 "A" TO STA. 7+879.600 "A"
 STA. 7+986.600 "A" TO STA. 8+186.000 "A"
 STA. 10+422.000 "A" TO STA. 10+607.300 "A"



RIGHT TURN LANE

STA. 4+029.365 "PR-A" TO STA. 4+225.767 "PR-A"
 STA. 4+305.967 "PR-A" TO STA. 4+492.967 "PR-A"
 STA. 5+245.000 "A" TO STA. 5+462.800 "A"
 STA. 7+679.100 "A" TO STA. 7+879.600 "A"
 STA. 7+986.600 "A" TO STA. 8+186.000 "A"
 STA. 10+097.400 "A" TO STA. 10+280.300 "A"



TYPICAL SUPERELEVATION SECTION

(Curves to Left Reversed)
 STA. 3+360.0 "A" TO STA. 3+590.0 "PR-A"
 STA. 4+570.0 "PR-A" TO STA. 5+250.0 "PR-A"
 STA. 5+901.0 "A" TO STA. 6+855.5 "A"
 STA. 6+855.5 "A" TO STA. 7+302.5 "A"
 STA. 10+998.627 "A" TO STA. 11+320.0 "A"
 † Shoulder Slope = 4.91%
 †† Shoulder Slope = 1.00% UP
 * FROM STA. 11+067.627 TO 11+240.0
 ** As Shown on Cross Sections
 *** 4:1 FROM STA. 4+570.0 "PR-A" TO STA. 5+250.0 "PR-A"

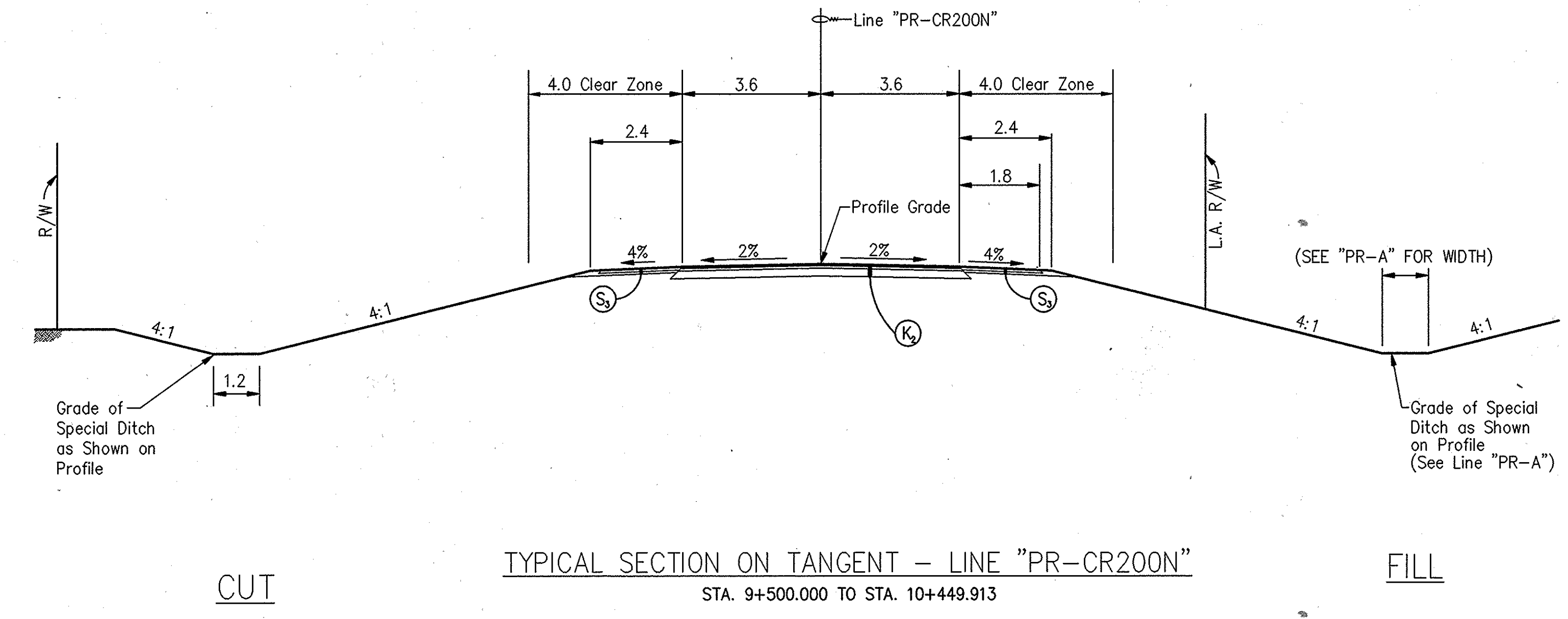
LEGEND

- (K) 90kg/m² QC/QA HMA, 3, 76, Surface, 9.5mm on 150kg/m² QC/QA HMA, 3, 76, Intermediate, 19.0mm on 240kg/m² QC/QA HMA, 3, 64, Base, 25.0mm on 165kg/m² QC/QA HMA, 5, 76, Intermediate, C25.0mm on 210kg/m² QC/QA HMA, 3, 64, Base, 25.0mm on Subgrade Treatment, Type A
- (S) 90kg/m² QC/QA HMA, 1, 64, Surface, 9.5mm with Shoulder Corrugations on 270kg/m² QC/QA HMA, 1, 64, Base, 25.0mm on 150mm Compacted Aggregate, No. 53, Base
- (U) Underdrain, See Detail

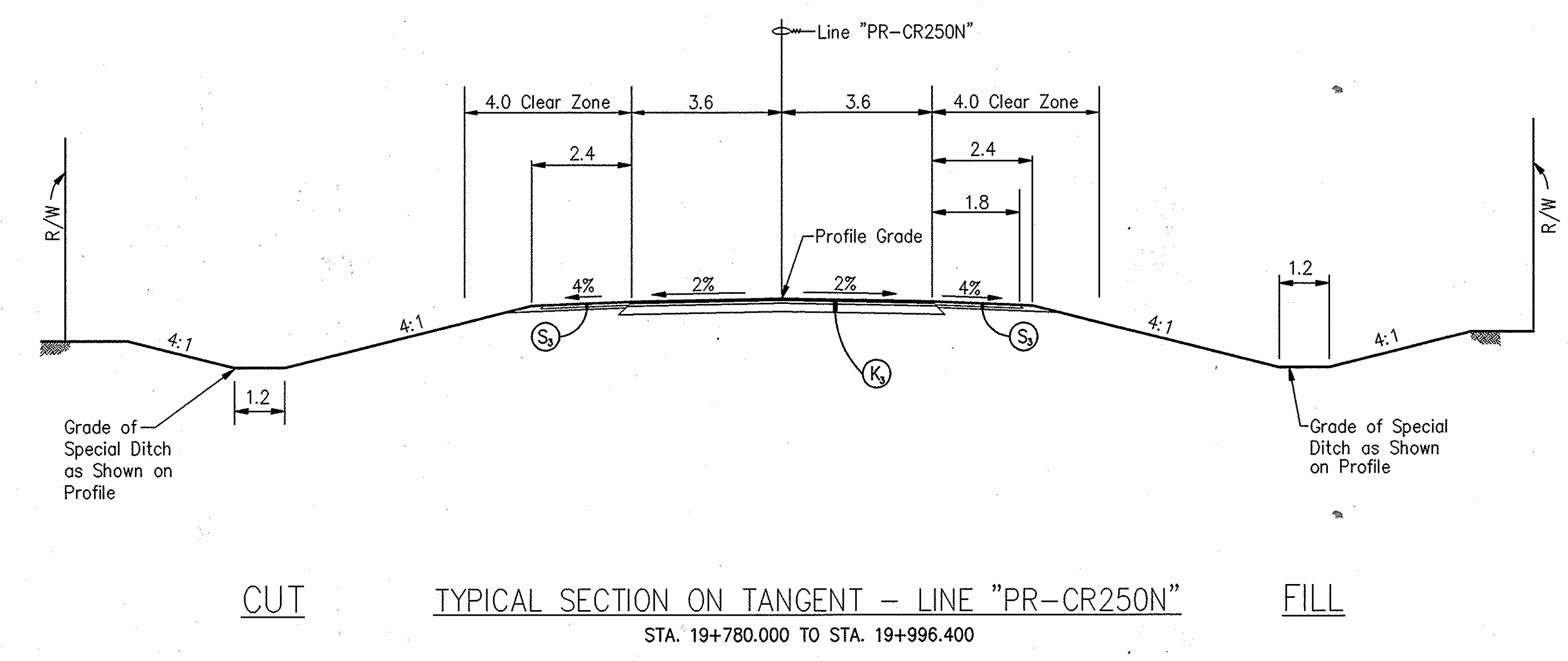
NOTES:
 All measurements and distances are in meters unless otherwise indicated.
 Sections are typical conditions, see the plan & profiles and detail sheets for more specific information.

E:\98071\road\typ_sect.dwg - 12/18/01 - 07:21:57
 04-29-03 AT 12:54
 9:17:28 AM AM UEST
 10/10/2002
 10/10/2002
 10/10/2002

RECOMMENDED FOR APPROVAL		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	FILE
DESIGNED: M.A.E.				1:80	DESIGNATION
DRAWN: T.A.L.		TYPICAL CROSS SECTIONS		VERTICAL SCALE	8461360
CHECKED: R.D.S.				1:80	SHEET
CHECKED: M.A.E.		CONTRACT		15	OF 89
		PROJECT		NH-075-3(014)	



- LEGEND - LINE "PR-CR200N"**
- (K) 90kg/m² HMA, Type A, Surface, on 195kg/m² HMA, Type A, Intermediate, on 200 mm Compacted Aggregate, No. 53, Base, on Subgrade Treatment, Type A
 - (S) 180kg/m² HMA, Type A, Base on 150mm Compacted Aggregate, No. 53, Base Subgrade Treatment, Type A

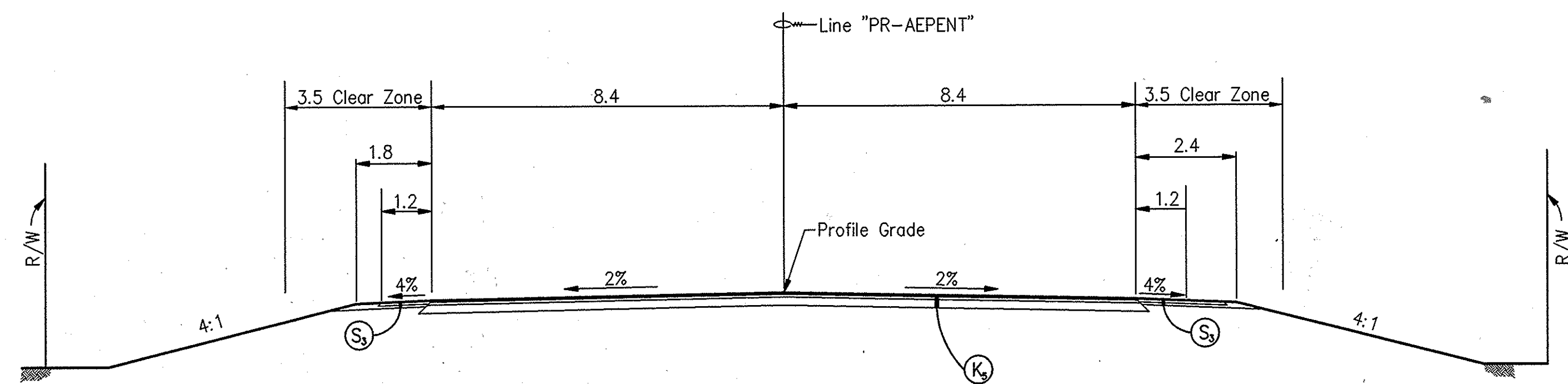


- LEGEND - LINE "PR-CR250N"**
- (K) 90kg/m² HMA, Type A, Surface, on 150kg/m² HMA, Type A, Intermediate, on 200 mm Compacted Aggregate, No. 53, Base, on Subgrade Treatment, Type A
 - (S) 180kg/m² HMA, Type A, Base on 150mm Compacted Aggregate, No. 53, Base Subgrade Treatment, Type A

NOTES:
All measurements and distances are in meters unless otherwise indicated.
Sections are typical conditions, see the plan & profiles and detail sheets for more specific information.

E:\98011\road\typ_sec1.dwg - 12/18/01 - 07:21:57
 04-24-03 AT 11:09 2.54
 10-24-58 AM AM UEST
 10/11/2002 10:24:58 AM AM UEST
 R:\3372\051\AU\0040\ROAD\021\10-24-58\typ_sec3.dwg
 E:\98011\road\typ_sec3.dwg 10/11/2002 10:24:58 AM AM UEST

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE		HORIZONTAL SCALE 1:80 FILE	
		VERTICAL SCALE 1:80 DESIGNATION 8461360	
DESIGNED: M.A.E. DRAWN: T.A.L.		SURVEY BOOK SHEET	
CHECKED: R.D.S. CHECKED: M.A.E.		16 OF 89	
INDIANA DEPARTMENT OF TRANSPORTATION TYPICAL CROSS SECTIONS		CONTRACT PROJECT NH-075-3(014)	



CUT

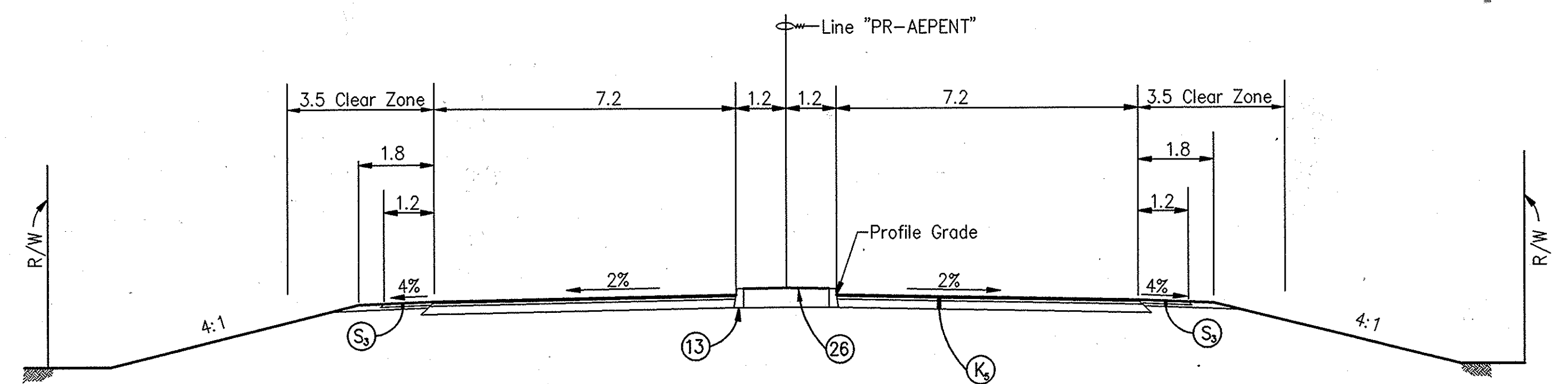
TYPICAL SECTION - LINE "PR-AEPENT"

STA. 4+890.000 "PR-AEPENT" TO STA. 4+898.773 "PR-AEPENT"
 STA. 4+932.200 "PR-AEPENT" TO STA. 4+977.000 "PR-AEPENT"
 STA. 5+019.400 "PR-AEPENT" TO STA. 5+025.553 "PR-AEPENT"

FILL

LEGEND - LINE "PR-AEPENT"

- (K) 90kg/m² HMA, Type A, Surface, on
150kg/m² HMA, Type A, Intermediate, on
480kg/m² QC/QA-HMA, 2.64, Base 25.0mm, on
Subgrade Treatment, Type A
- (S) 180kg/m² HMA, Type A, Base on
150mm Compacted Aggregate, No. 53, Base
Subgrade Treatment, Type A
- (13) Concrete Curb
- (26) Nursery Sodding



CUT

TYPICAL SECTION w/MEDIAN - LINE "PR-AEPENT"

STA. 4+898.773 "PR-AEPENT" TO STA. 4+932.200 "PR-AEPENT"
 STA. 5+025.553 "PR-AEPENT" TO STA. 5+140.000 "PR-AEPENT"

FILL

NOTES:

All measurements and distances are in meters unless otherwise indicated.

Sections are typical conditions, see the plan & profiles and detail sheets for more specific information.

E:\98011\road\typ_sec1.dwg - 12/18/01 - 07:21:57

DWH

2.54

04-24-03 AT 11:1

10/11/2002

10:31:21 AM

AM UEST

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10/11/2002

10:31:21 AM

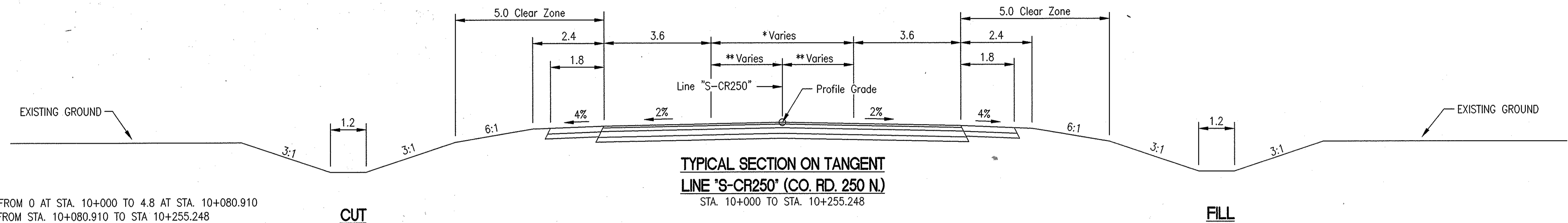
AM UEST

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: M.A.E.	DRAWN: T.A.L.		
CHECKED: R.D.S.	CHECKED: M.A.E.		

INDIANA DEPARTMENT OF TRANSPORTATION	
TYPICAL CROSS SECTIONS	

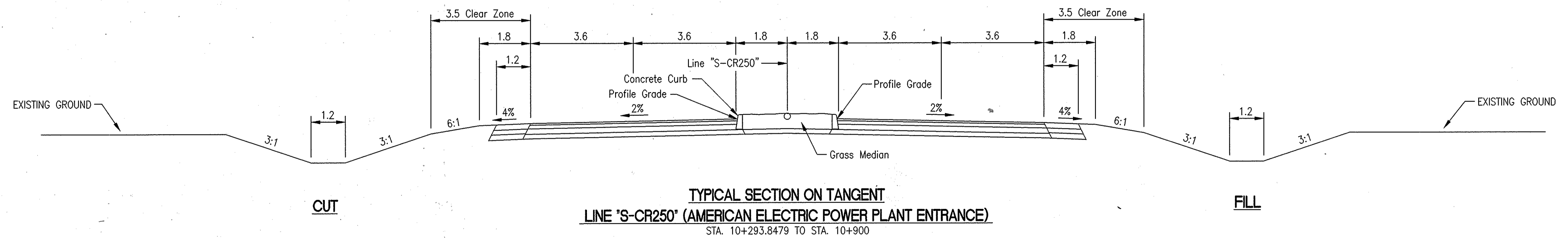
HORIZONTAL SCALE	FILE
1:80	
VERTICAL SCALE	DESIGNATION
1:80	8461360
SURVEY BOOK	SHEET
	17 of 89
CONTRACT	PROJECT
	NH-075-3(014)

SHEET NO. 3737-0605



* DISTANCE VARIES FROM 0 AT STA. 10+000 TO 4.8 AT STA. 10+080.910
DISTANCE IS 4.8 FROM STA. 10+080.910 TO STA 10+255.248

** DISTANCE VARIES FROM 0 AT STA. 10+000 TO 2.4 AT STA. 10+080.910
DISTANCE IS 2.4 FROM STA. 10+080.910 TO STA 10+255.248

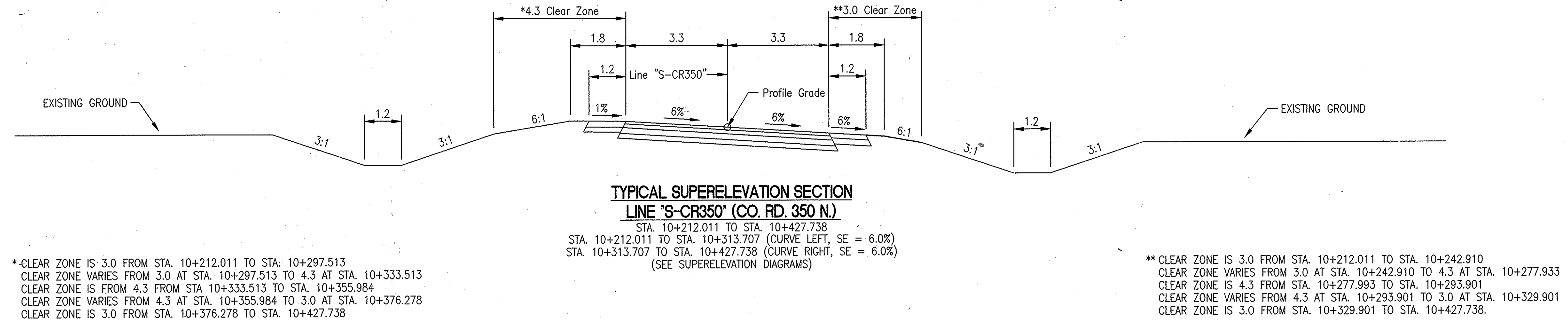
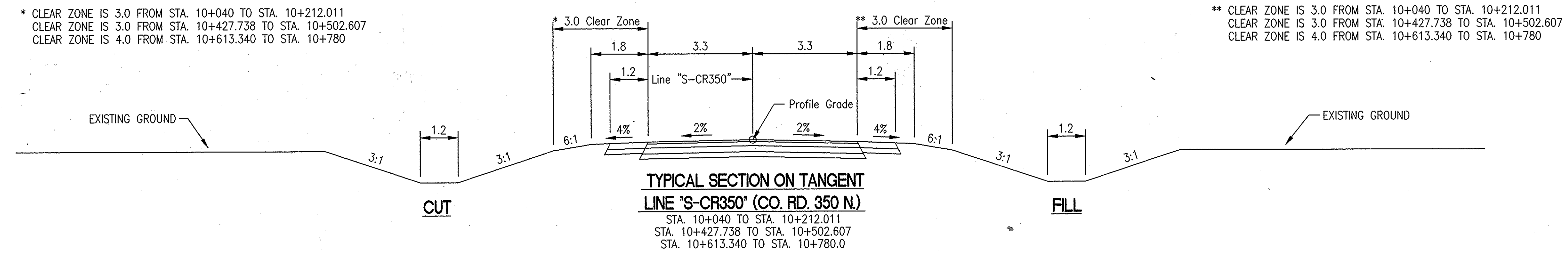


NOTE:

All measurements/distances are in meters unless otherwise indicated.

	RECOMMENDED FOR APPROVAL _____ <small>DESIGN ENGINEER DATE</small>	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1:80	FILE	
	DESIGNED: M.A.E. DRAWN: T.A.L.		VERTICAL SCALE 1:80	DESIGNATION 8461360	
	CHECKED: R.D.S. CHECKED: M.A.E.		TYPICAL CROSS SECTIONS		
			SURVEY BOOK	SHEET 18 of 89	
		CONTRACT	PROJECT NH-075-3(014)		

Date: 8/14/1999
 Scale: 1"=60'
 Drawing File: S:\S-CR250\10\10\TYPICALS\SUPERE.dwg (S09) (L:\1737261\05\4\170250\13042\1\318.dwg)
 04-23-01 AT 13:53
 2.03
 DHH

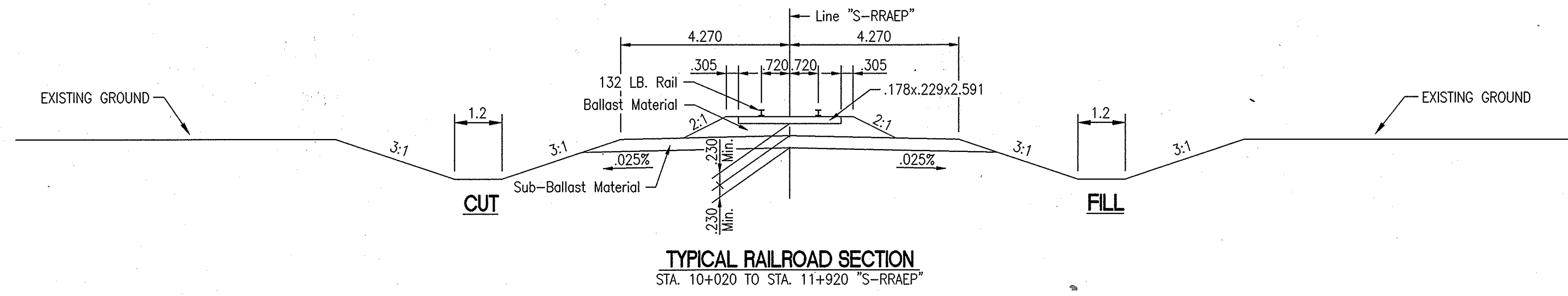


NOTE:
 All measurements/distances are in meters unless otherwise indicated.

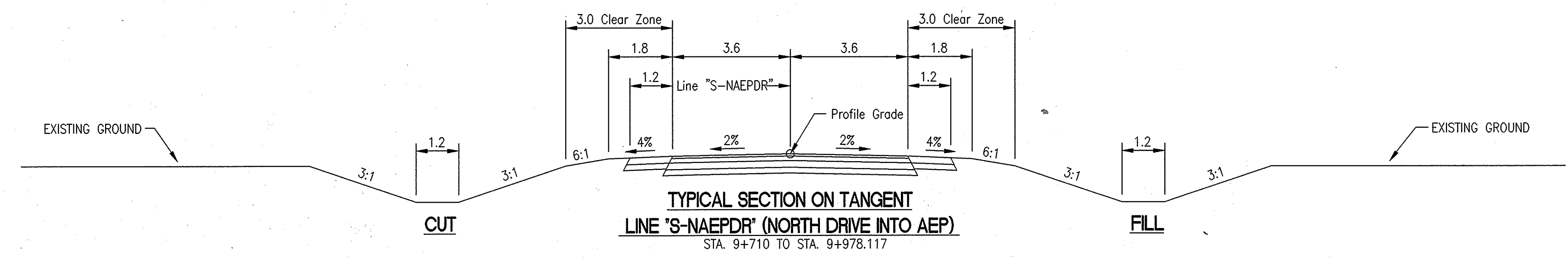
File: 14101
 Date: 8/2/1989
 Scale: 1:80
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	RECOMMENDED FOR APPROVAL	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	FILE	
	DESIGNED: M.A.E.		DRAWN: T.A.L.	1:80	DESIGNATION
	CHECKED: R.D.S.		CHECKED: M.A.E.	1:80	8461360
			SURVEY BOOK	SHEET	
		CONTRACT	19 of 89		
		TYPICAL CROSS SECTIONS	PROJECT		
				NH-075-3(014)	

SHEET NO. 3737.0605



TYPICAL RAILROAD SECTION
STA. 10+020 TO STA. 11+920 "S-RRAEP"



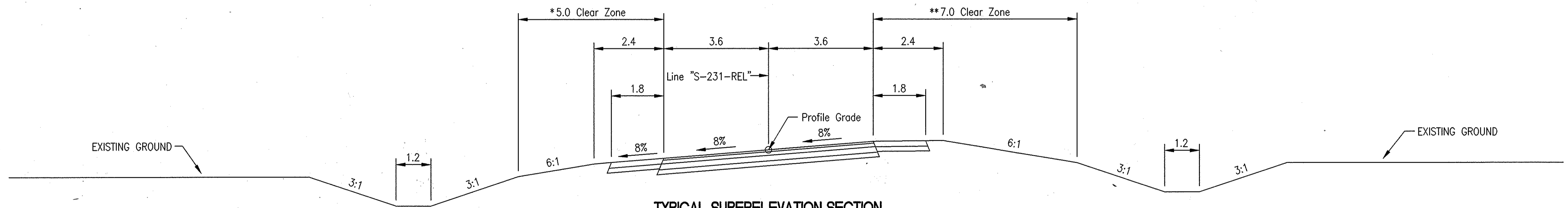
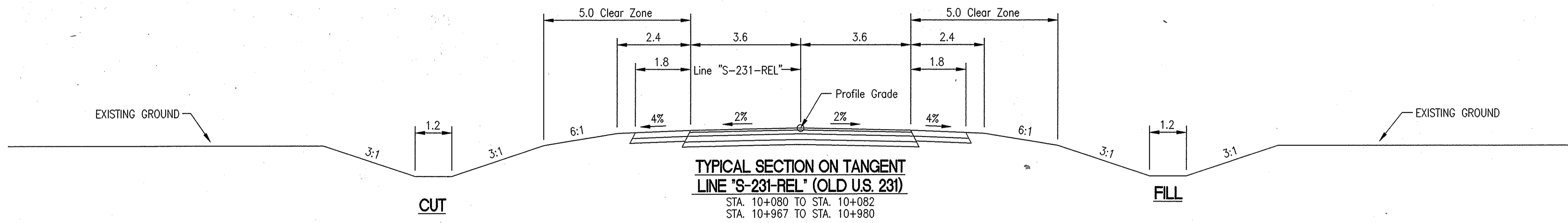
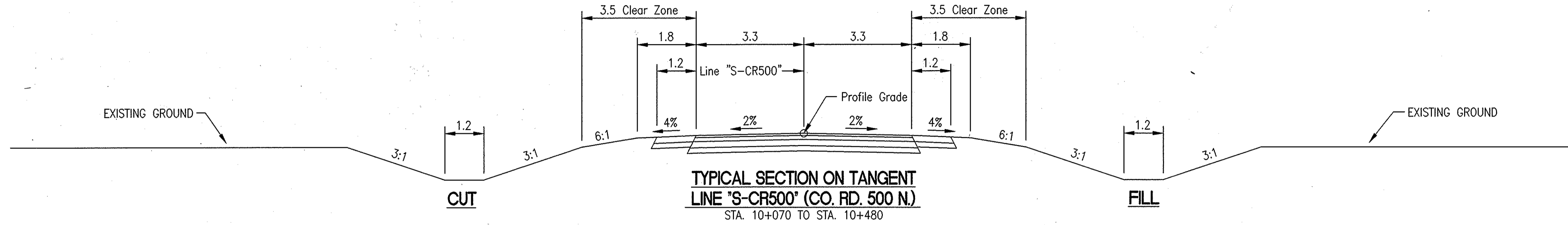
TYPICAL SECTION ON TANGENT
LINE 'S-NAEPDR' (NORTH DRIVE INTO AEP)
STA. 9+710 TO STA. 9+978.117

NOTE:
All measurements/distances are in meters
unless otherwise indicated.

Time: 1:55:12
 Date: 9/6/1999
 Scale: 1"=50'
 Drawing File: S:\A\PROJ\210_1\0\6\TYPICALS\TYPICALS\TYPICALS\4.dwg (S2)
 R:\12327.06\05\AU\DCAD\3042\1\20.dwg
 04-24-03 AT 12:59
 2
 DMH

	RECOMMENDED FOR APPROVAL _____	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	FILE	
	DESIGN ENGINEER _____ DATE _____		1:80		
	DESIGNED: M.A.E.		DRAWN: T.A.L.	VERTICAL SCALE	DESIGNATION
	1:80		8461360		
CHECKED: R.D.S.	CHECKED: M.A.E.	TYPICAL CROSS SECTIONS	SURVEY BOOK	SHEET	
			CONTRACT	20 of 89	
				PROJECT	
				NH-075-3(014)	

SHEET NO. 3737.0605



* CLEAR ZONE IS 5.0 FROM STA. 10+082 TO STA. 10+289.987
 CLEAR ZONE VARIES FROM 5.0 AT STA. 10+289.987 TO 7.0 AT STA. 10+337.987
 CLEAR ZONE IS 7.0 FROM STA. 10+337.987 TO STA. 10+412.193
 CLEAR ZONE VARIES FROM 7.0 AT STA. 10+412.193 TO 5.0 AT STA. 10+458.388
 CLEAR ZONE IS 5.0 FROM STA. 10+458.388 TO STA. 10+503
 CLEAR ZONE VARIES FROM 5.0 AT STA. 10+526.596 TO 7.0 AT STA. 10+574.596
 CLEAR ZONE IS 7.0 FROM STA. 10+574.596 TO STA. 10+649.854
 CLEAR ZONE VARIES FROM 7.0 AT STA. 10+649.854 TO 5.0 AT STA. 10+696.049
 CLEAR ZONE IS 5.0 FROM STA. 10+696.049 TO STA. 10+967

STA. 10+082 TO STA. 10+292.8425 (CURVE LEFT, SE=8.0%)
 STA. 10+292.8425 TO STA. 10+503 (CURVE RIGHT, SE=8.0%)
 STA. 10+530 TO STA. 10+740.950 (CURVE RIGHT, SE=8.0%)
 STA. 10+740.950 TO STA. 10+967 (CURVE LEFT, SE=8.0%)
 (SEE SUPERELEVATION DIAGRAMS)

** CLEAR ZONE IS 5.0 FROM STA. 10+082 TO STA. 10+127.088
 CLEAR ZONE VARIES FROM 5.0 AT STA. 10+127.088 TO 7.0 AT STA. 10+173.282
 CLEAR ZONE IS 7.0 FROM STA. 10+173.282 TO STA. 10+247.698
 CLEAR ZONE VARIES FROM 7.0 AT STA. 10+247.698 TO 5.0 AT STA. 10+295.698
 CLEAR ZONE IS 5.0 FROM STA. 10+295.698 TO STA. 10+503 AND FROM 10+530 TO STA. 10+785.851
 CLEAR ZONE VARIES FROM 5.0 AT STA. 10+785.851 TO 7.0 AT STA. 10+832.046
 CLEAR ZONE IS 7.0 FROM STA. 10+832.046 TO STA. 10+907.333
 CLEAR ZONE VARIES FROM 7.0 AT STA. 10+907.333 TO 5.0 AT STA. 10+955.333
 CLEAR ZONE IS 5.0 FROM STA. 10+955.333 TO STA. 10+967

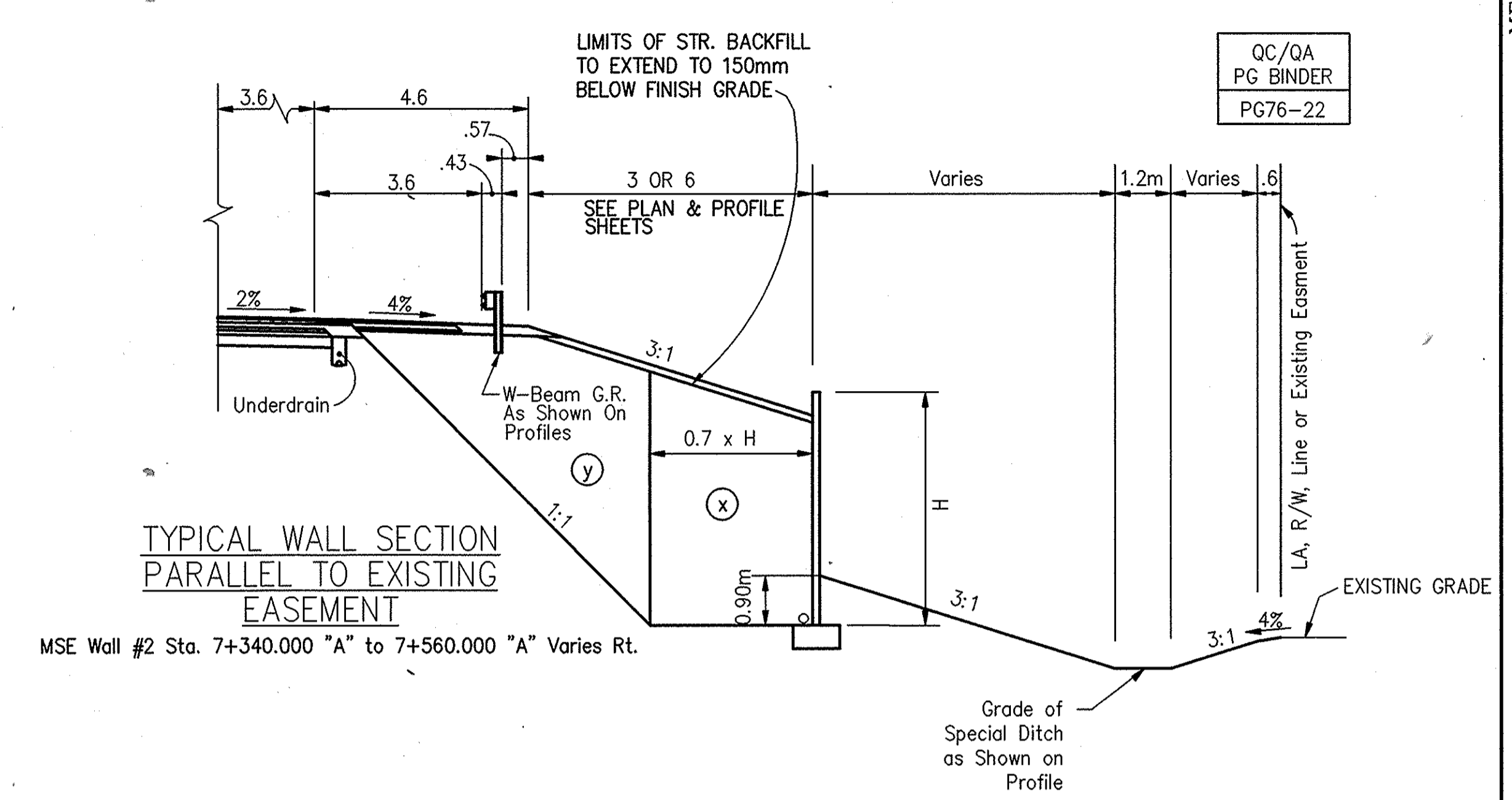
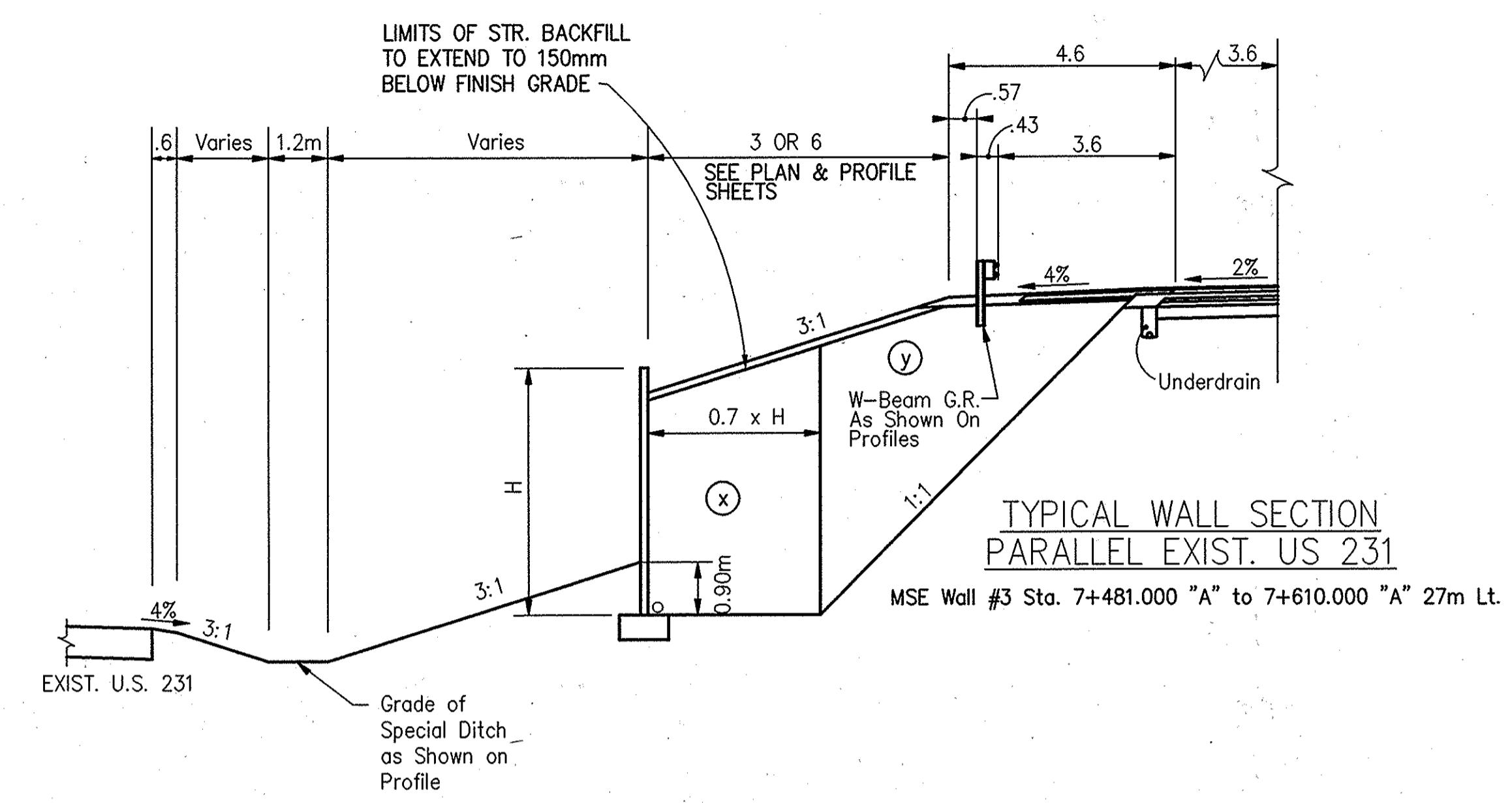
NOTE:

All measurements/distances are in meters unless otherwise indicated.

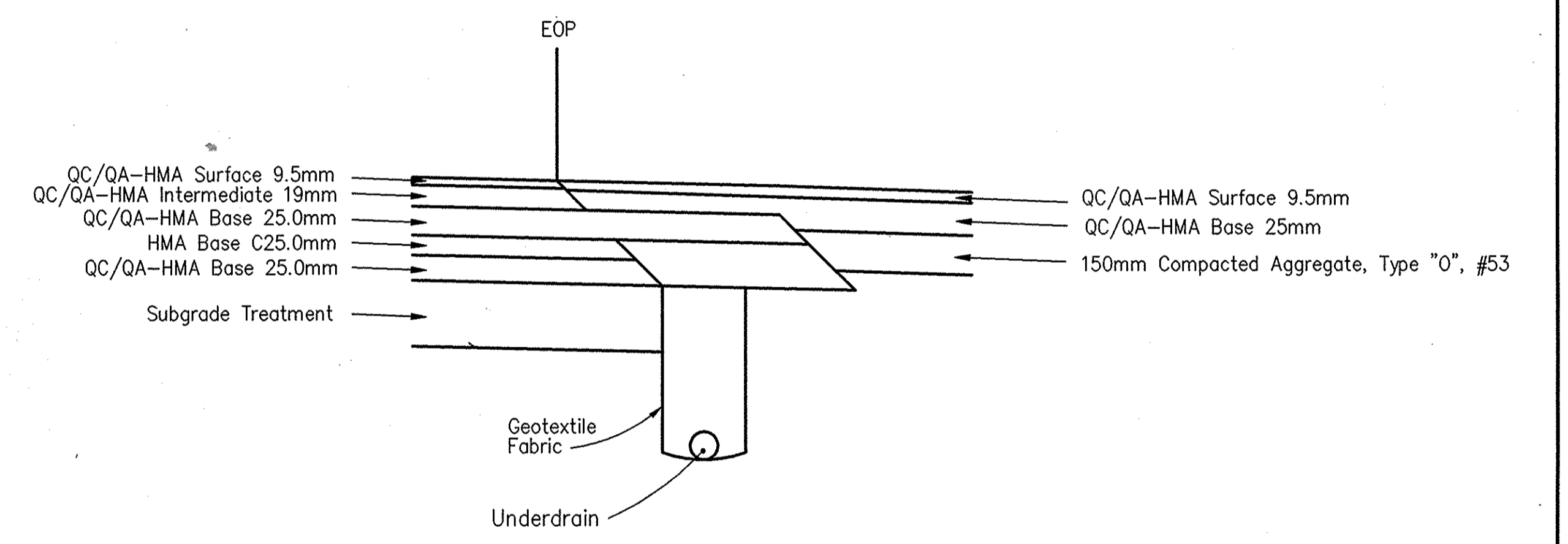
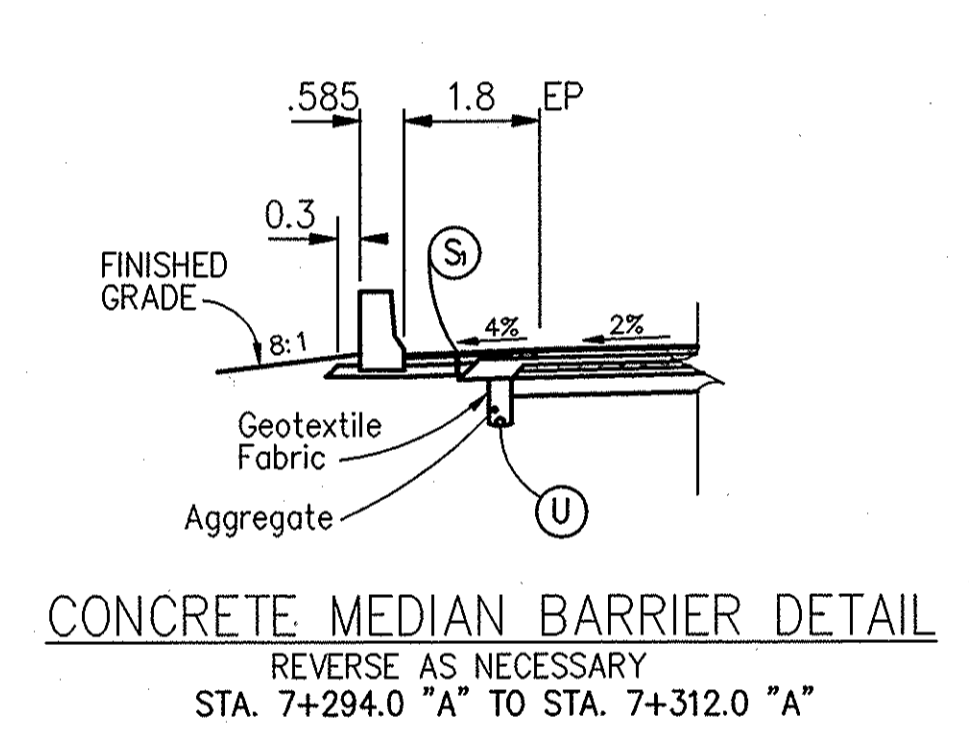
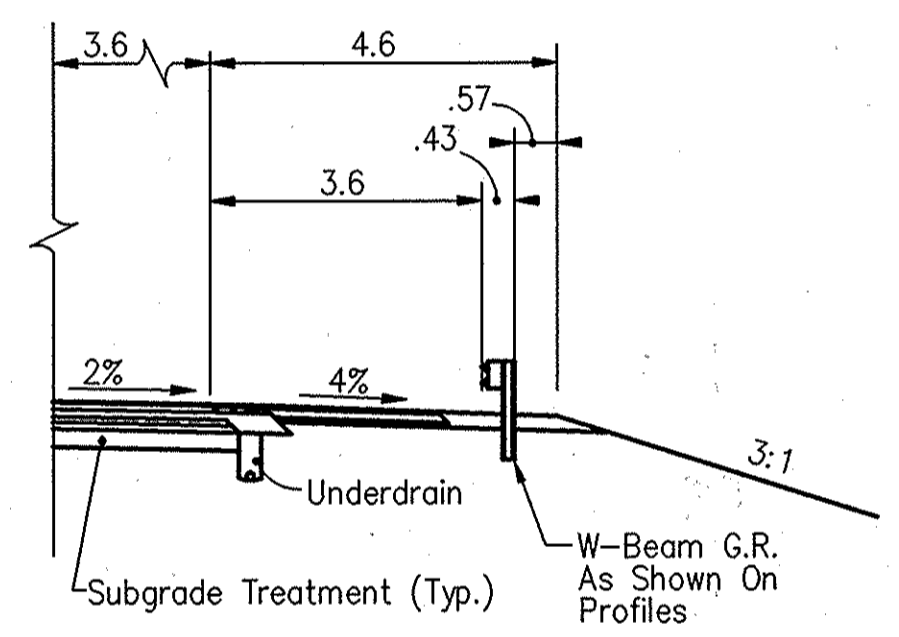
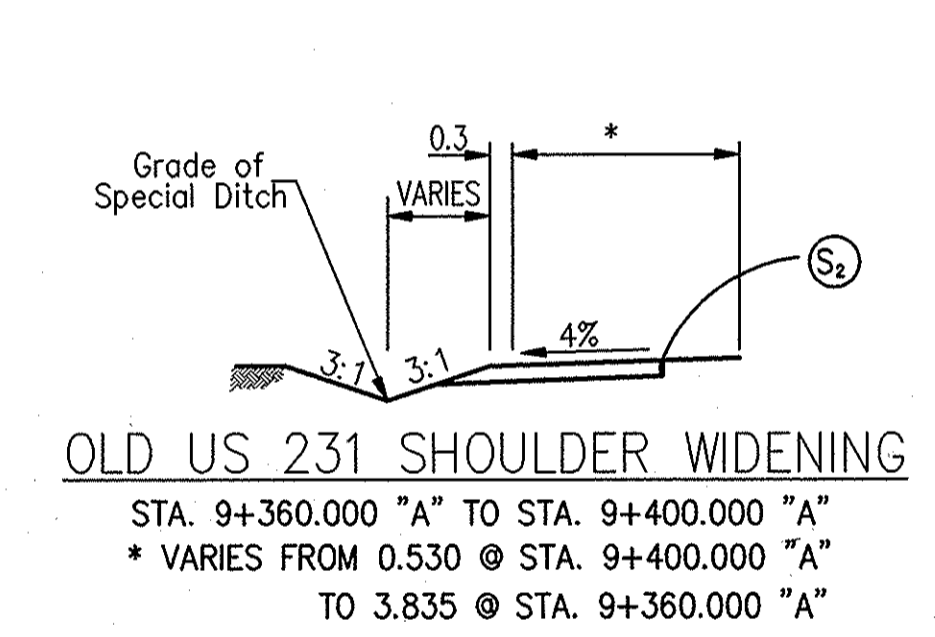
Date: 1/25/90
 Date: 9/6/99
 Scale: 1"=80'
 Drawing File: S:\d\proj\210\INDIA\TYPICALS\TYPICAL-5.dwg (S2) (R) 1/27/99 06:15:04 (10/27/99)

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	FILE
			1:80	
			VERTICAL SCALE	DESIGNATION
			1:80	8461360
DESIGNED: M.A.E.	DRAWN: T.A.L.	SURVEY BOOK		SHEET
CHECKED: R.D.S.	CHECKED: M.A.E.	CONTRACT		21 OF 89
		TYPICAL CROSS SECTIONS		PROJECT
				NH-075-3(014)

SFS NO. 3737.0605



QC/QA
PG BINDER
PG76-22

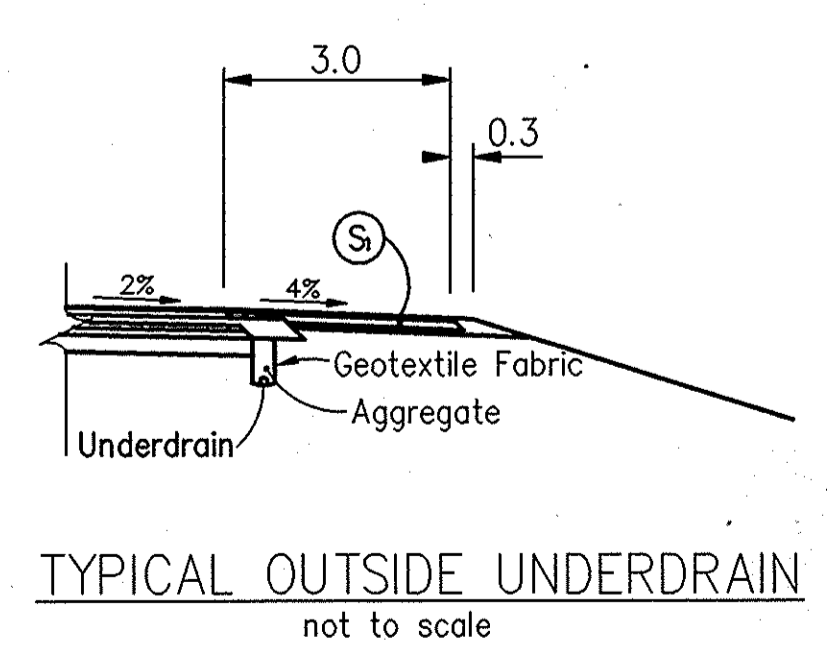
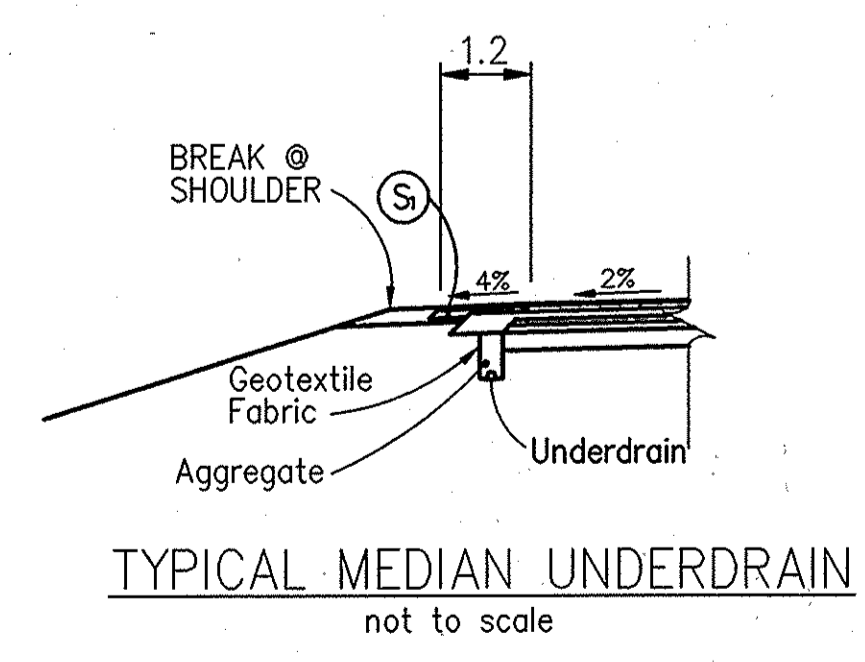


STA. 9+360.000 "A" TO STA. 9+400.000 "A"
* VARIES FROM 0.530 @ STA. 9+400.000 "A"
TO 3.835 @ STA. 9+360.000 "A"

SEE PROFILE SHEETS FOR LIMITS

REVERSE AS NECESSARY
STA. 7+294.0 "A" TO STA. 7+312.0 "A"

REVERSE AS NECESSARY
NOT TO SCALE



NOTES:
All measurements and distances are in meters unless otherwise indicated.
Sections are typical conditions, see the plan & profiles and detail sheets for more specific information.

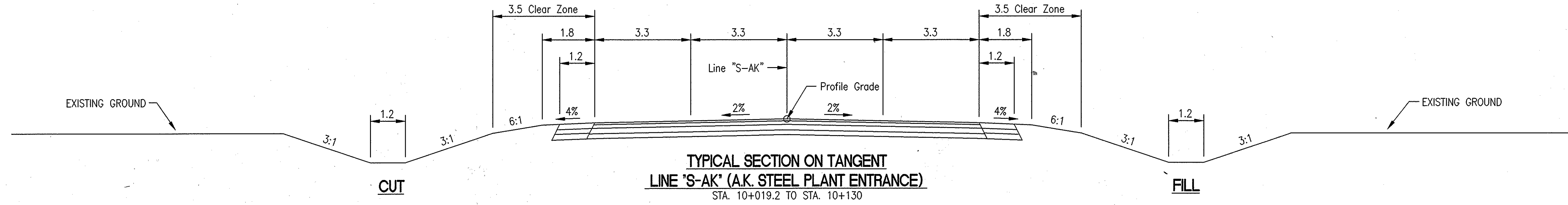
- LEGEND
- (S) 90kg/§ QC/QA-HMA Surface 9.5mm on 150kg/§ QC/QA-HMA Intermediate 19mm on 240kg/§ QC/QA-HMA Base 25.0mm on 165 kg/§ HMA Base C19.0mm on 210kg/§5167 QC/QA-HMA Base 25.0mm on 150mm Comp. Aggr. Base Type B, No. 53
 - (S₂) 90kg/§ QC/QA-HMA Surface 9.5mm on 270kg/§ QC/QA-HMA Base 25.0mm on 150mm Comp. Aggr., No. 53, Base on
 - (28) Seeding Class
 - (X) Structure Backfill
 - (Y) B-Borrow

NOTE:
Soils that are too wet to compact shall be prepared through chemical soil modification 400mm (16 in.) deep.

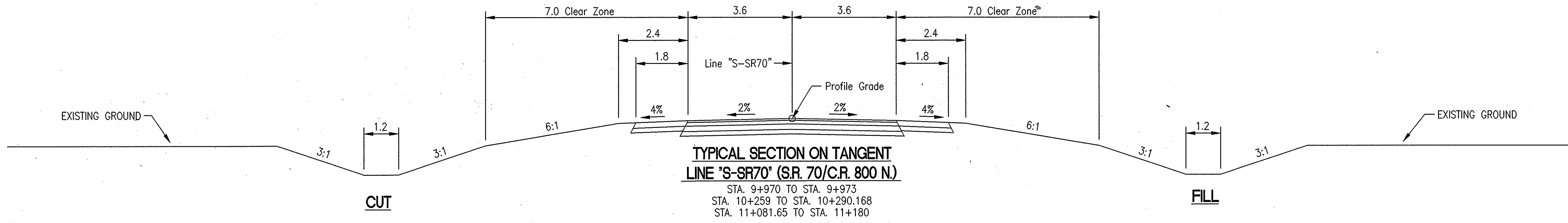
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: M.A.E.	DRAWN: T.A.L.				
CHECKED: R.D.S.	CHECKED: M.A.E.				

INDIANA
DEPARTMENT OF TRANSPORTATION
TYPICAL CROSS SECTIONS

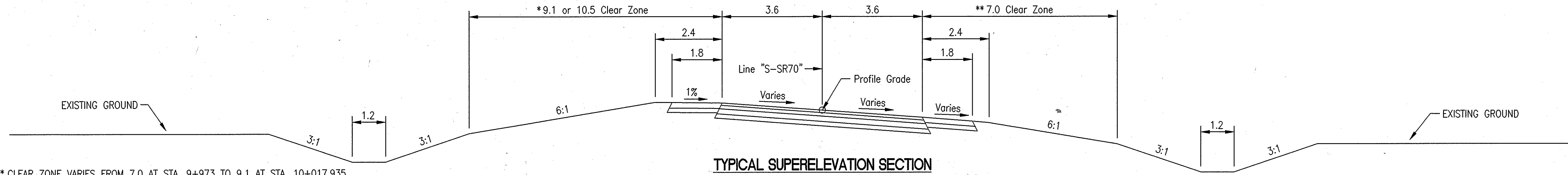
HORIZONTAL SCALE	FILE
1:80	
VERTICAL SCALE	DESIGNATION
1:80	8461360
SURVEY BOOK	SHEET
	22 of 89
CONTRACT	PROJECT
	NH-075-3(014)



TYPICAL SECTION ON TANGENT
LINE 'S-AK' (A.K. STEEL PLANT ENTRANCE)
 STA. 10+019.2 TO STA. 10+130



TYPICAL SECTION ON TANGENT
LINE 'S-SR70' (S.R. 70/C.R. 800 N.)
 STA. 9+970 TO STA. 9+973
 STA. 10+259 TO STA. 10+290.168
 STA. 11+081.65 TO STA. 11+180



TYPICAL SUPERELEVATION SECTION
LINE 'S-SR70' (S.R. 70/C.R. 800 N.)
 STA. 9+973 TO STA. 10+259 (CURVE RIGHT, SE=7.22%)
 STA. 10+397.45 TO STA. 10+798.764 (CURVE LEFT, SE=8.0%)
 STA. 10+798.764 TO STA. 11+081.65 (CURVE RIGHT, SE=8.0%)
 (SEE SUPERELEVATION)

* CLEAR ZONE VARIES FROM 7.0 AT STA. 9+973 TO 9.1 AT STA. 10+017.935
 CLEAR ZONE IS 9.1 FROM STA 10+017.935 TO STA. 10+146.164
 CLEAR ZONE VARIES FROM 9.1 AT STA. 10+146.164 TO 7.0 AT STA. 10+198.76
 CLEAR ZONE IS 7.0 FROM STA. 10+198.76 TO STA. 10+290.168 AND FROM STA. 10+397.45 TO STA. 10+798.696
 CLEAR ZONE VARIES FROM 7.0 AT STA. 10+798.696 TO 10.5 AT STA. 10+852.696
 CLEAR ZONE IS 10.5 FROM STA. 10+852.696 TO STA. 10+967.942
 CLEAR ZONE VARIES FROM 10.5 AT STA. 10+967.942 TO 7.0 AT STA. 11+019.928
 CLEAR ZONE IS 7.0 FROM STA. 11+019.928 TO STA. 11+081.65

** CLEAR ZONE IS 7.0 FROM STA. 9+973 TO STA. 10+259
 CLEAR ZONE IS 7.0 FROM STA. 10+397.45 TO STA. 10+459.179
 CLEAR ZONE VARIES FROM 7.0 AT STA. 10+459.179 TO 10.5 AT STA. 10+511.043
 CLEAR ZONE IS 10.5 FROM STA. 10+511.043 TO STA. 10+744.832
 CLEAR ZONE VARIES FROM 10.5 AT STA. 10+744.832 TO 7.0 AT STA. 10+798.832
 CLEAR ZONE IS 7.0 FROM STA. 10+798.832 TO STA. 11+081.65

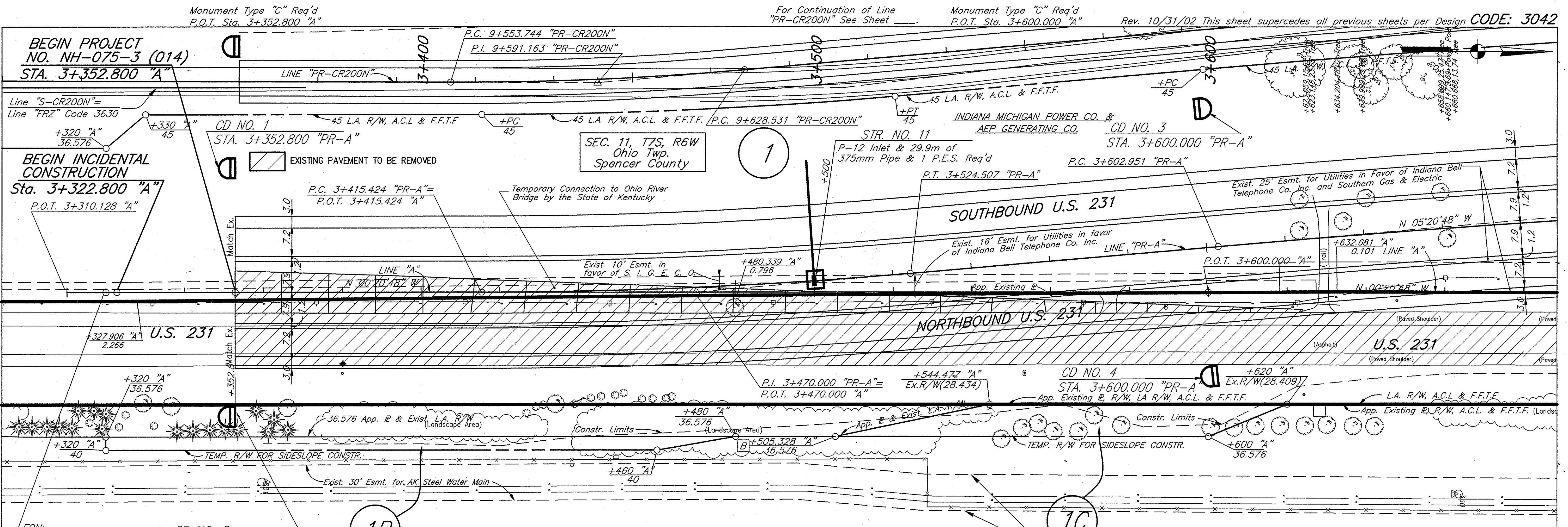
NOTE:
 All measurements/distances are in meters
 unless otherwise indicated.

Date: 9/8/1999
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 04-24-03 AT 13:00
 2.03
 DWA

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	FILE
	DESIGNED: M.A.E.	DRAWN: T.A.L.		VERTICAL SCALE	DESIGNATION
CHECKED: R.D.S.	CHECKED: M.A.E.		TYPICAL CROSS SECTIONS	1:80	8461360
				1:80	
				SURVEY BOOK	SHEET
				CONTRACT	23 of 89
					PROJECT
					NH-075-3(014)

BFS NO. 3737-0605

9/16/2002 9:23:11 AM UEST
04-24-03 At 08:31
12.7
DWH



CURVE DATA

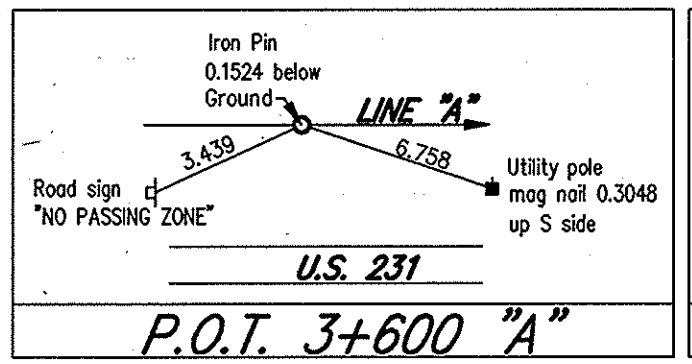
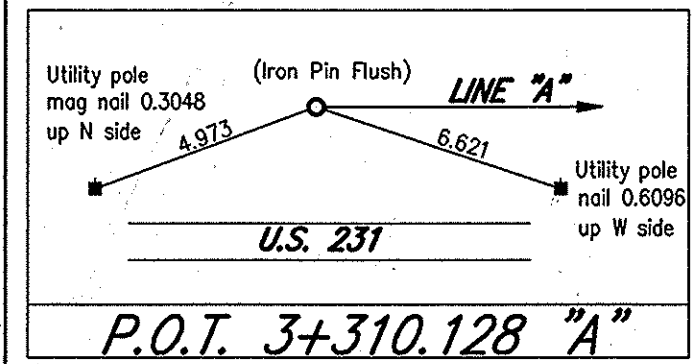
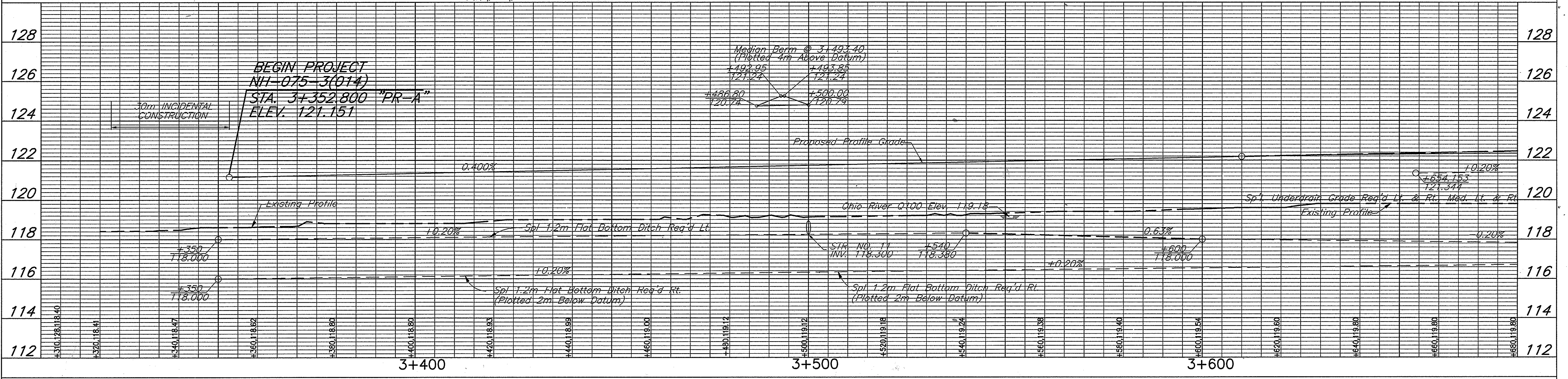
P.I. Sta. 3+470.000 "PR-A"
 $\Delta = 5^{\circ}00'00"$ Lt.
 $R = 1250.000$
 $T = 54.576$
 $L = 109.083$
 $E = 1.191$
 $S.E. = 4.60\%$

LEGEND

- B Begin L.A. R/W
- E End L.A. R/W

NOTE:

All measurement/distances are in meters unless otherwise indicated.
 ALL R/W DESCRIBED FROM LINE "PR-A" EXCEPT AS SHOWN.
 LIMITED ACCESS R/W PROVISIONS TO APPLY WHERE INDICATED.



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: KAC	DRAWN: RGS	
CHECKED: AJD	CHECKED: KAC	

INDIANA DEPARTMENT OF TRANSPORTATION

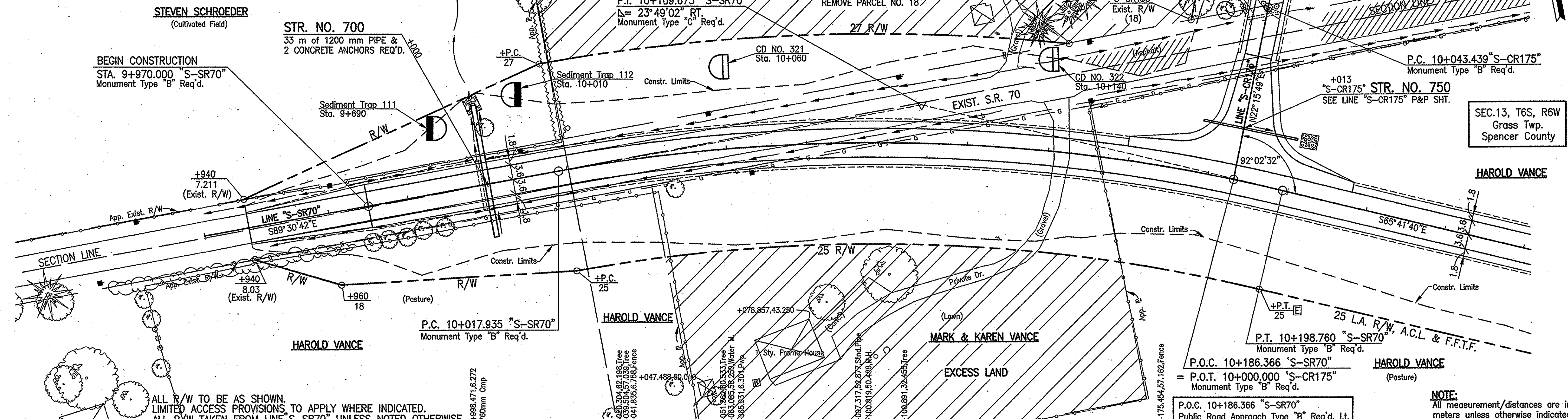
PLAN & PROFILE
LINE "A" - U.S. 231

HORIZONTAL SCALE	1:500	FILE	3737.06
VERTICAL SCALE	1:100	DESIGNATION	8461360
SURVEY BOOK		SHEET	25 of 88
CONTRACT		PROJECT	NH-075-3(014)

- LEGEND**
- BEGIN L.A. R/W & A.C.L.
 - END L.A. R/W & A.C.L.
 - RIPRAP AND GEOTEXTILES @ PIPE ENDS. SEE STRUCTURE DATA TABLE.
 - EXIST. PAVEMENT TO BE REMOVED

SEC.12, T6S, R6W
Grass Twp.
Spencer County

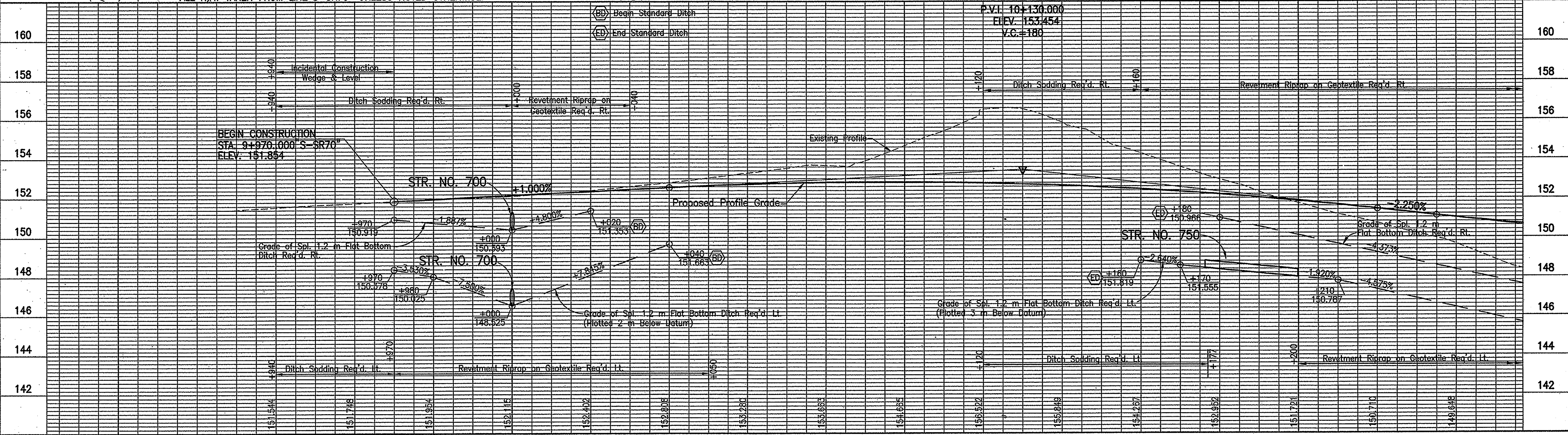
CURVE DATA
P.I. 10+109.673 "S-SR70"
Δ = 23° 49' 02" RT.
R = 435.000
T = 91.737
L = 180.825
E = 9.568
Se = 7.22%



ALL R/W TO BE AS SHOWN.
LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.
ALL R/W TAKEN FROM LINE "S-SR70" UNLESS NOTED OTHERWISE.

P.O.C. 10+186.366 "S-SR70"
= P.O.T. 10+000.000 "S-CR175"
Monument Type "B" Req'd.
Public Road Approach Type "B" Req'd. Lt.

NOTE:
All measurement/distances are in meters unless otherwise indicated.



9+928.902 P.I. "S-SR70"	10+017.935 P.C. "S-SR70"	10+109.672 P.I. "S-SR70"	10+198.760 P.T. "S-SR70"

RECOMMENDED FOR APPROVAL
DESIGNED: M.A.E.
CHECKED: R.D.S.

DESIGN ENGINEER
DRAWN: R.D.S.
CHECKED: M.A.E.

DATE: 08-04-03

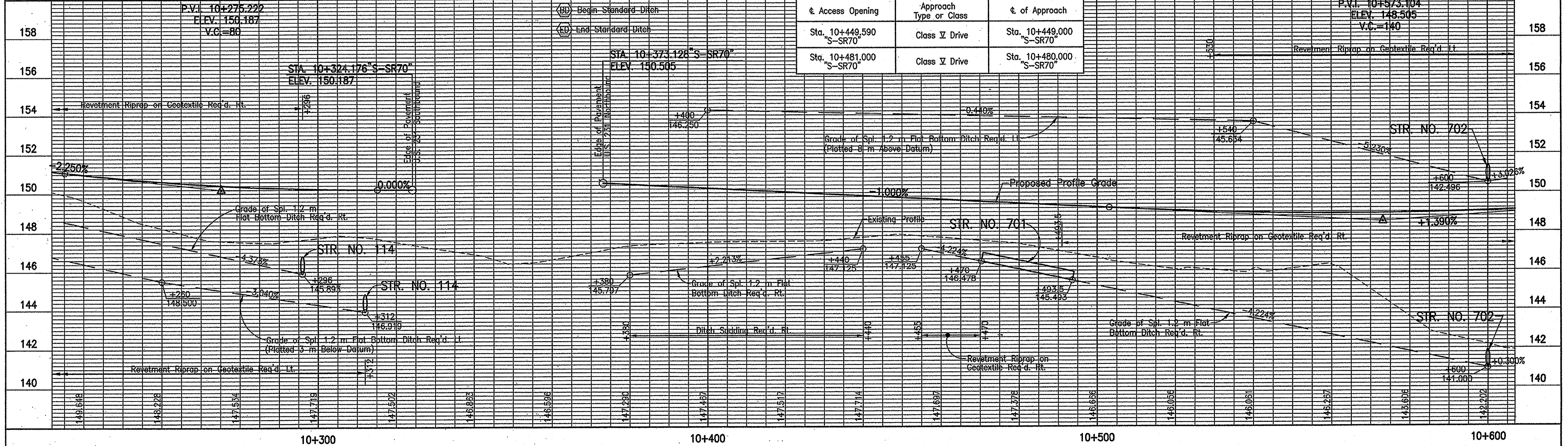
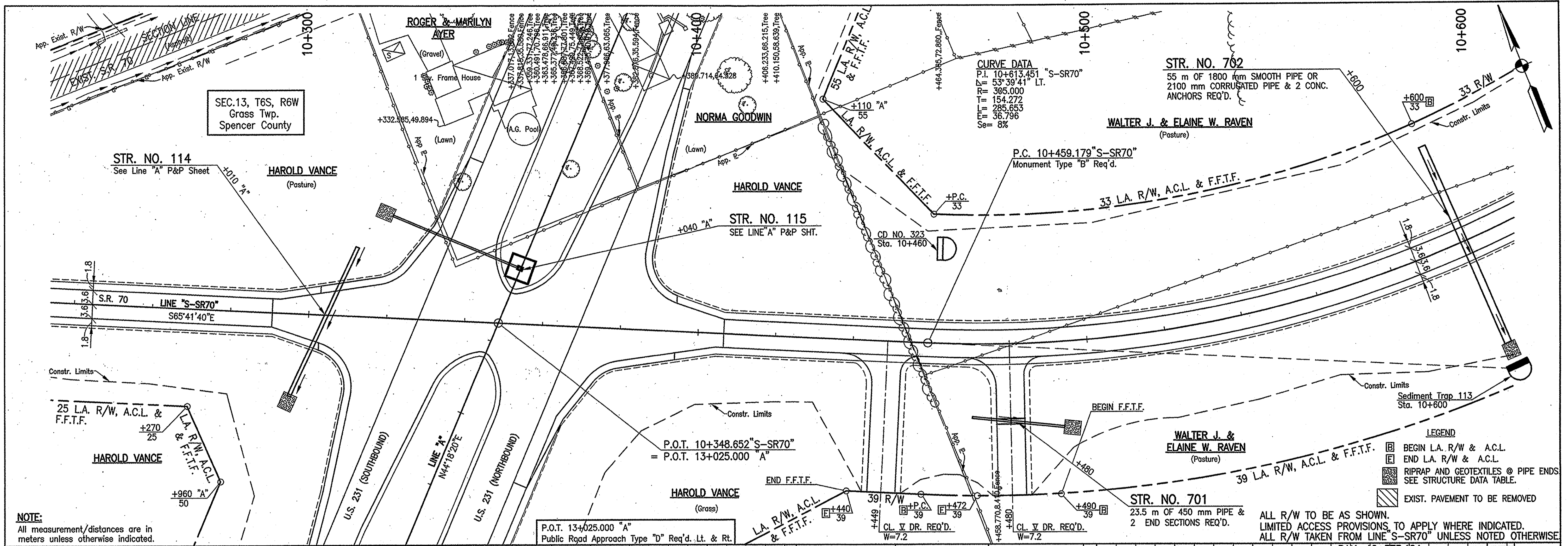
INDIANA REGISTERED PROFESSIONAL ENGINEER
No. PE19600092
STATE OF INDIANA

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "S-SR70"

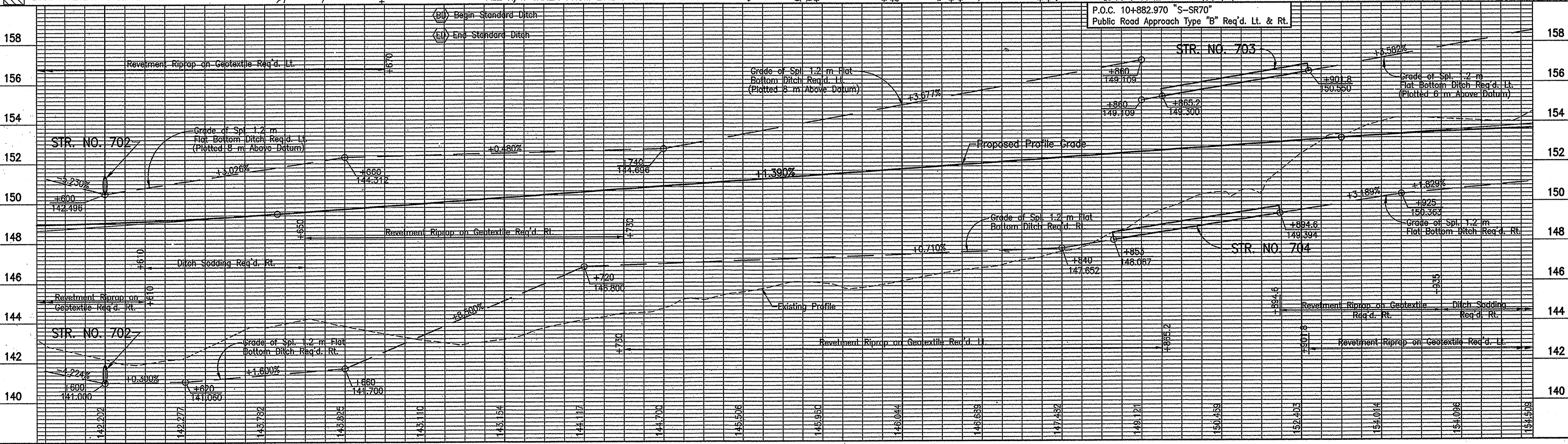
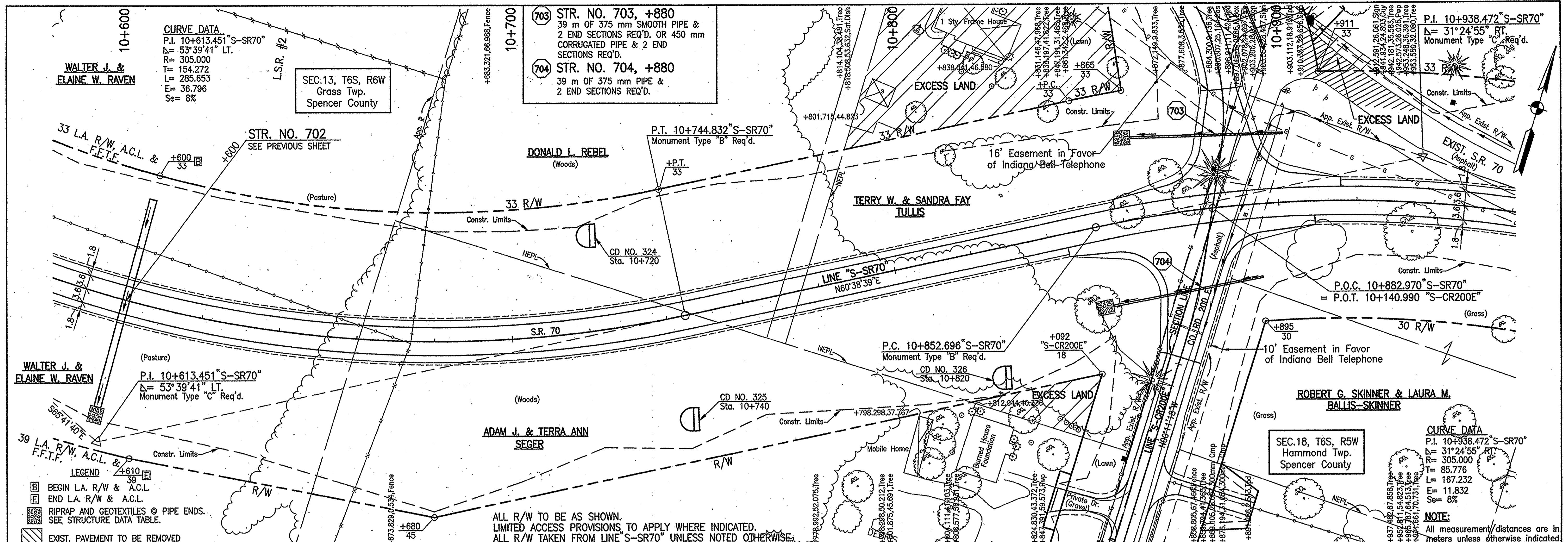
HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 0001230
SURVEY BOOK 16722	SHEETS 24 of 160
CONTRACT R-27084	PROJECT NH-075-3(014)

Date: 08/04/03
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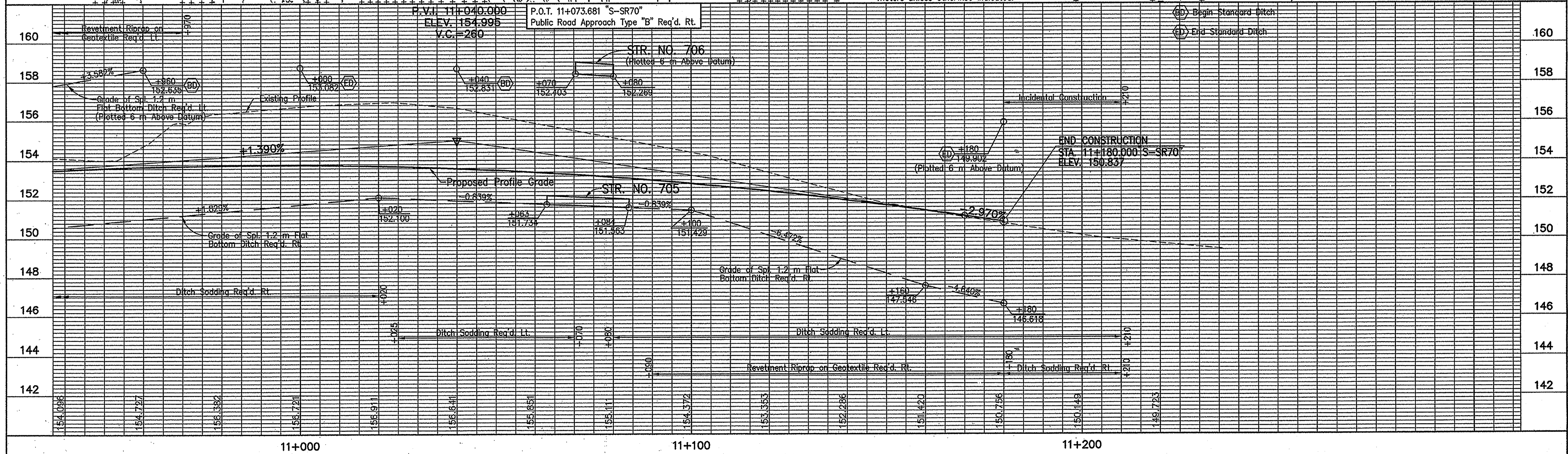
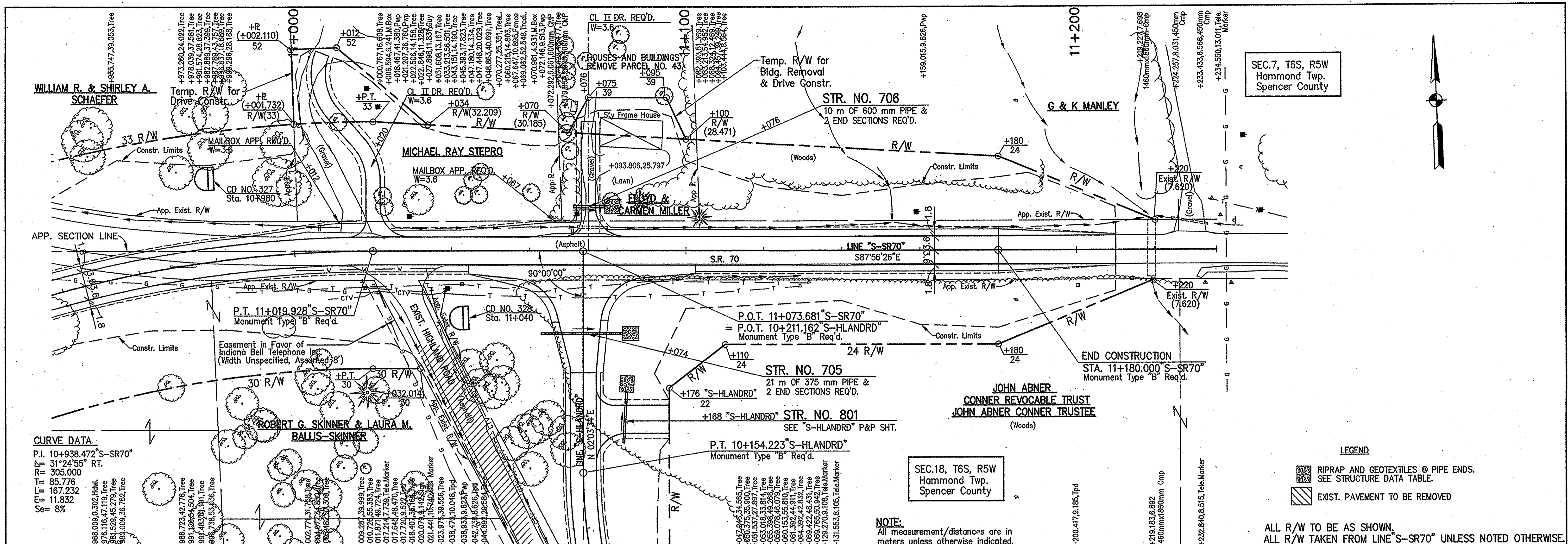
Time: 8:29:4
Date: 8/21/2003
Scale: 1=500(FS)
Drawing File: 210_LIVING PLAN & PROFILE (Phase-1) (p-70-02.dwg (Miller))

		RECOMMENDED FOR APPROVAL <i>Melissa A. Efferman</i> 08-04-03 DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1:500 VERTICAL SCALE 1:100
DESIGNED: M.A.E. CHECKED: R.D.S.	DRAWN: R.D.S. CHECKED: M.A.E.	PLAN & PROFILE LINE "S-SR70"	SURVEY BOOK 16722 CONTRACT R-27084	BRIDGE FILE DESIGNATION 0001230 SHEETS 25 of 160 PROJECT NH-075-3(014)



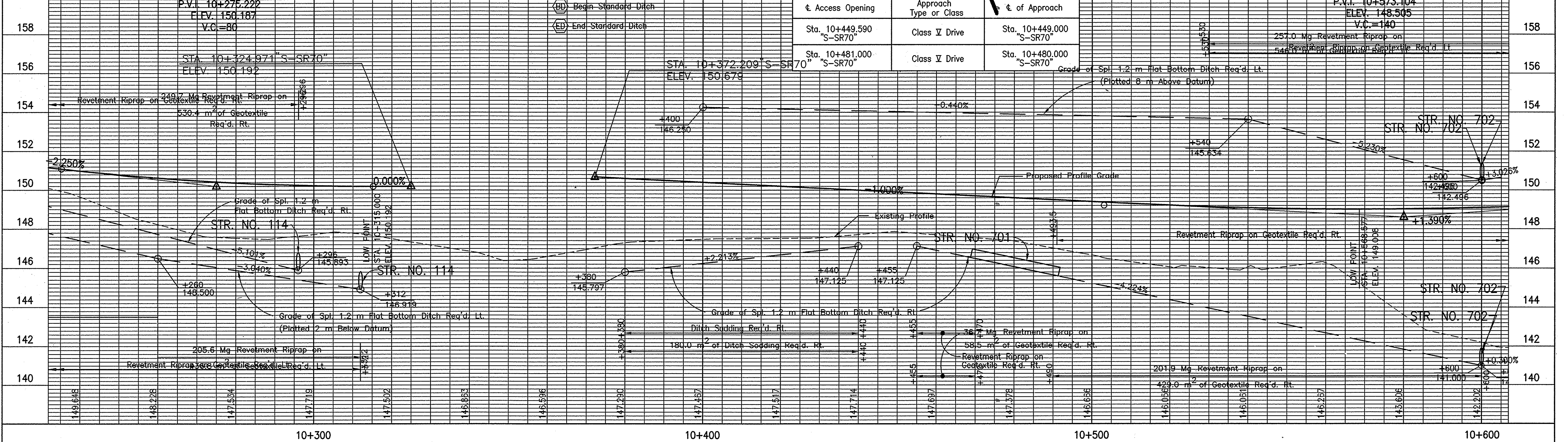
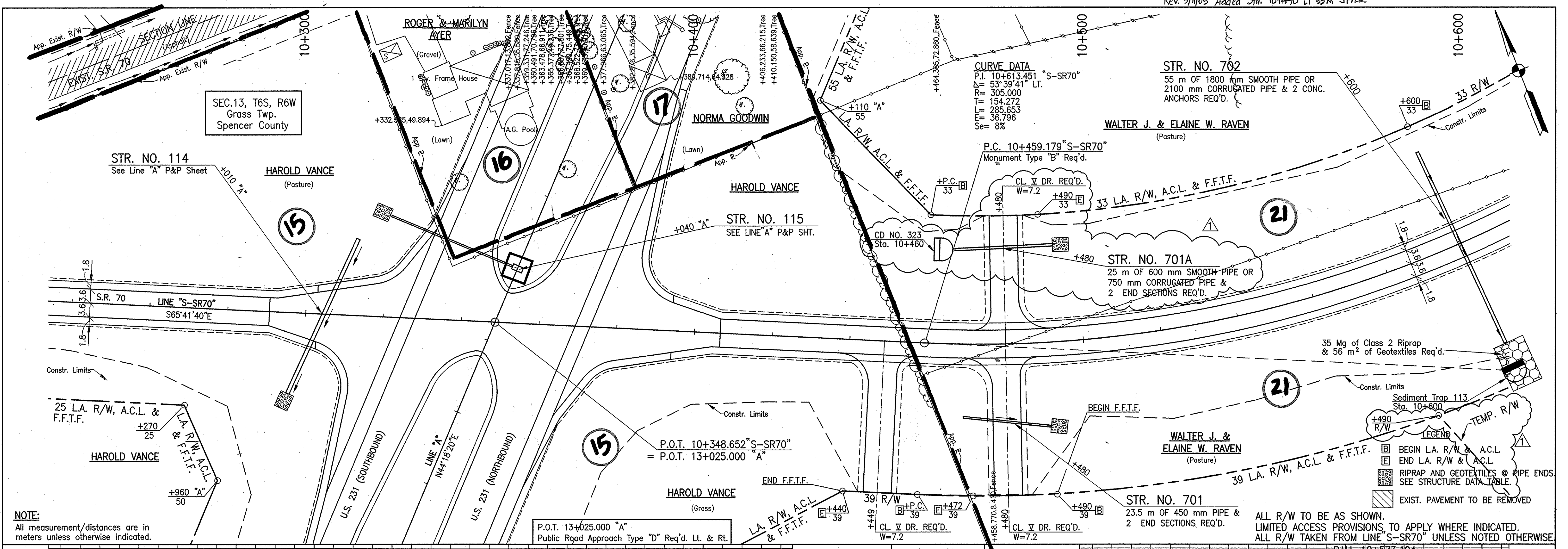
<p>Utility pole, mag nail up 3' side to SR 70</p> <p>Line "S-SR70"</p> <p>Telephone marker</p>					<p>RECOMMENDED FOR APPROVAL: <i>Melissa A. Eppinger</i> 08-04-03 DESIGN ENGINEER DATE</p> <p>DESIGNED: M.A.E. DRAWN: R.D.S.</p> <p>CHECKED: R.D.S. CHECKED: M.A.E.</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>PLAN & PROFILE LINE "S-SR70"</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE</td> <td>BRIDGE FILE</td> </tr> <tr> <td>1:500</td> <td></td> </tr> <tr> <td>VERTICAL SCALE</td> <td>DESIGNATION</td> </tr> <tr> <td>1:100</td> <td>0001230</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEETS</td> </tr> <tr> <td></td> <td>26 of 160</td> </tr> <tr> <td>CONTRACT</td> <td>PROJECT</td> </tr> <tr> <td>R-27084</td> <td>NH-075-3(014)</td> </tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	1:500		VERTICAL SCALE	DESIGNATION	1:100	0001230	SURVEY BOOK	SHEETS		26 of 160	CONTRACT	PROJECT	R-27084	NH-075-3(014)
HORIZONTAL SCALE	BRIDGE FILE																						
1:500																							
VERTICAL SCALE	DESIGNATION																						
1:100	0001230																						
SURVEY BOOK	SHEETS																						
	26 of 160																						
CONTRACT	PROJECT																						
R-27084	NH-075-3(014)																						

Time: 10:32:41
 Date: 8/21/2003
 Scale: 1"=500'(S)
 Drawing File: Z:\DWS\PLAN & PROFILE\Phase-1\VP-70-03.DWG (Miller)



<p>10+109.672 P.I. "S-SR70"</p>	<p>10+198.760 P.T. "S-SR70"</p>		RECOMMENDED FOR APPROVAL <i>Melba A. Ellinger</i> 08-04-03 DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION PLAN & PROFILE LINE "S-SR70"	<table border="1"> <tr> <td>HORIZONTAL SCALE</td> <td>BRIDGE FILE</td> </tr> <tr> <td>1:500</td> <td></td> </tr> <tr> <td>VERTICAL SCALE</td> <td>DESIGNATION</td> </tr> <tr> <td>1:100</td> <td>0001230</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEETS</td> </tr> <tr> <td>16722</td> <td>27 of 160</td> </tr> <tr> <td>CONTRACT</td> <td>PROJECT</td> </tr> <tr> <td>R-27084</td> <td>NH-075-3(014)</td> </tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	1:500		VERTICAL SCALE	DESIGNATION	1:100	0001230	SURVEY BOOK	SHEETS	16722	27 of 160	CONTRACT	PROJECT	R-27084	NH-075-3(014)
HORIZONTAL SCALE	BRIDGE FILE																				
1:500																					
VERTICAL SCALE	DESIGNATION																				
1:100	0001230																				
SURVEY BOOK	SHEETS																				
16722	27 of 160																				
CONTRACT	PROJECT																				
R-27084	NH-075-3(014)																				

Date: 8/27/03
 Scale: 1"=50'(H)
 Drawing File: 210_V090.PLAN & PROFILE (Case-10) (p-70-04.dwg) (Miller)



REVISIONS

Added Sheet 25A, Removed Sheet 25, 04/26/05

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RECOMMENDED FOR APPROVAL *Melina A. Eppner* 08-04-03
 DESIGN ENGINEER DATE

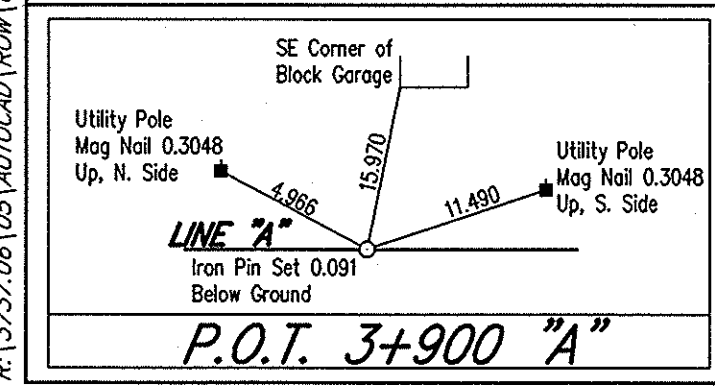
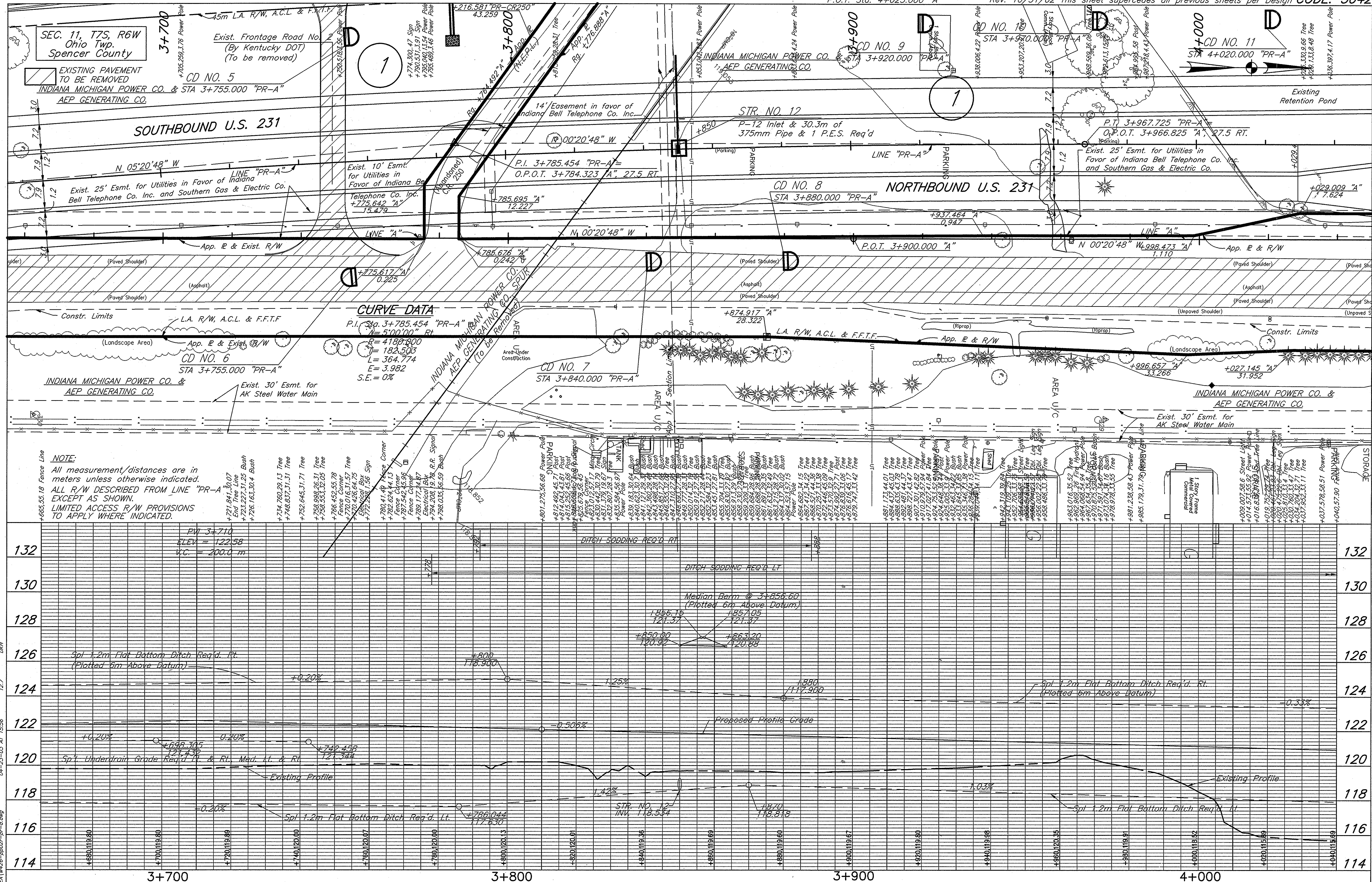
DESIGNED: M.A.E. DRAWN: R.D.S.
 CHECKED: R.D.S. CHECKED: M.A.E.

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
 LINE "S-SR70"

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 0001230
SURVEY BOOK 16722	SHEETS 25A of 160
CONTRACT R-27084	PROJECT NH-075-3(014)

Time: 7:18:48
 Date: 4/27/2005
 Scale: 1=500(FS)
 Drawing File: 210_UMG PLAN & PROFILE Phase-10\pp-70-02.dwg (crlts)



DESIGNED: KAC	DRAWN: RGS
CHECKED: AJD	CHECKED: KAC

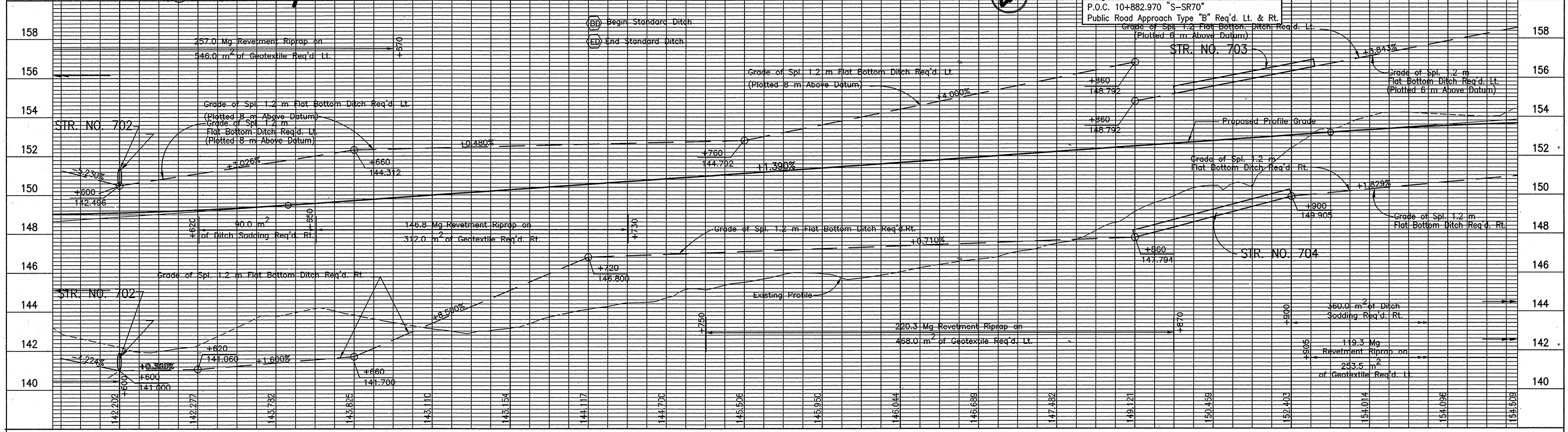
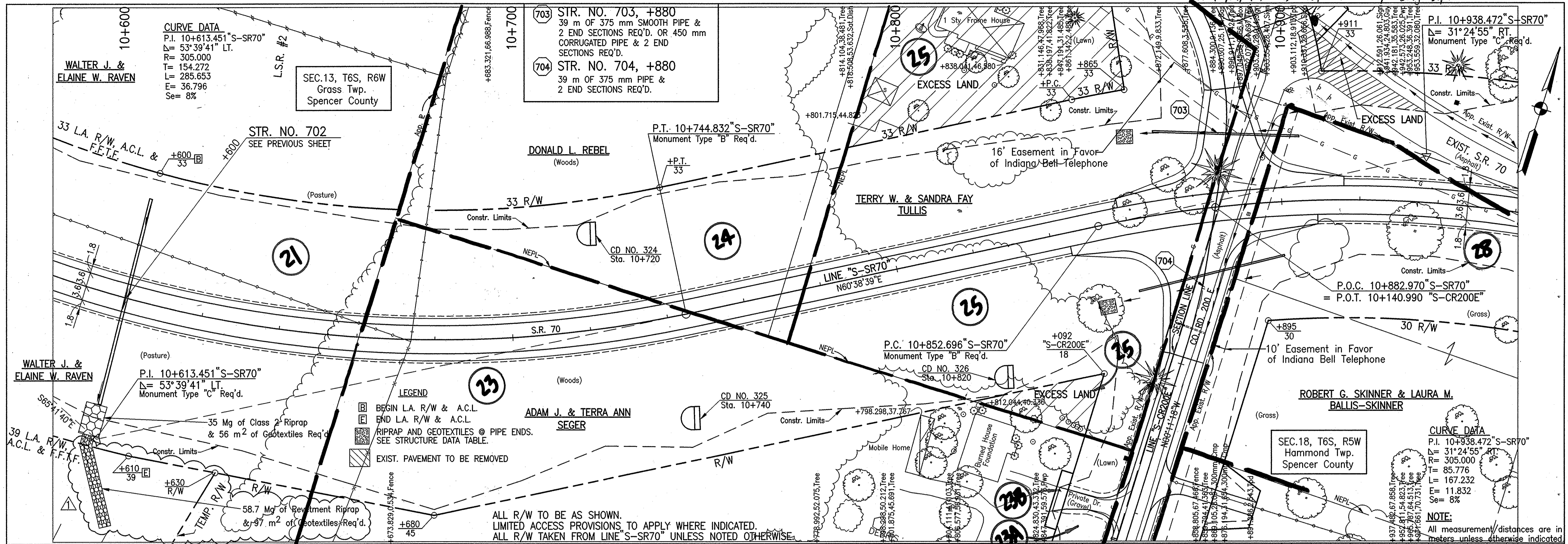
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: KAC	DRAWN: RGS	
CHECKED: AJD	CHECKED: KAC	

INDIANA DEPARTMENT OF TRANSPORTATION
PLAN & PROFILE
LINE "A" - U.S. 231

HORIZONTAL SCALE	FILE
1:500	3737.06
VERTICAL SCALE	DESIGNATION
1:100	8461360
SURVEY BOOK	SHEET
	26 OF 88
CONTRACT	PROJECT
	NH-075-3(014)

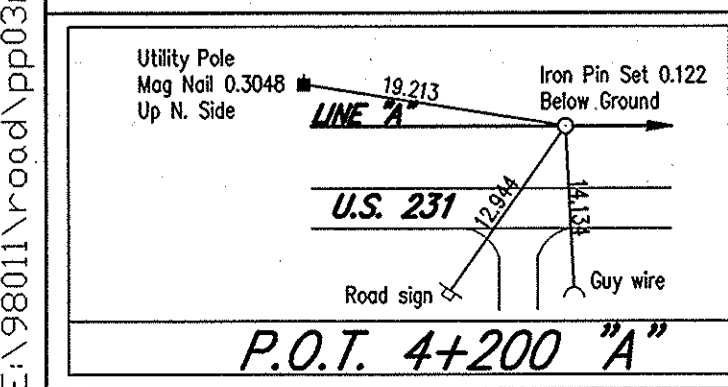
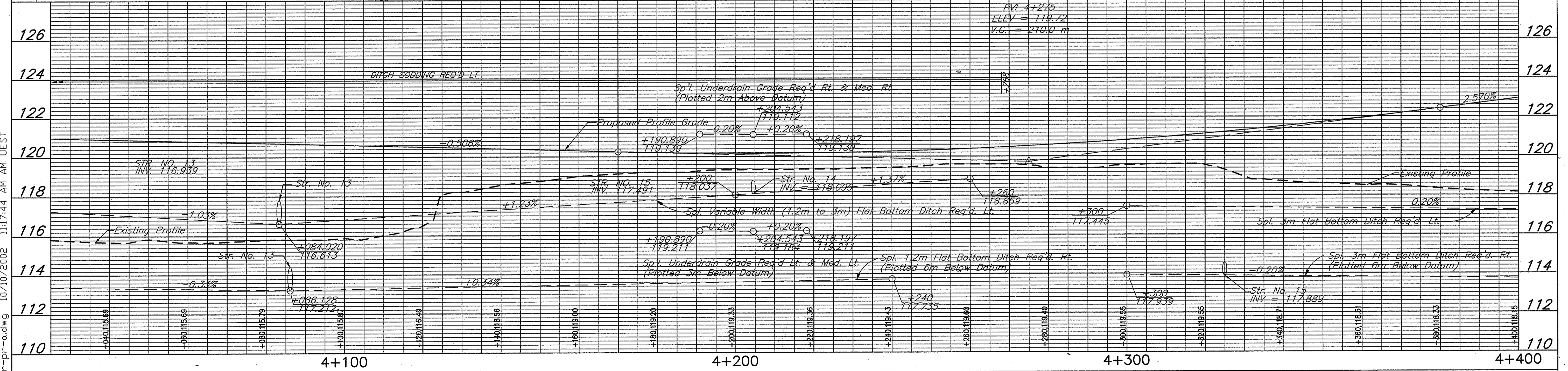
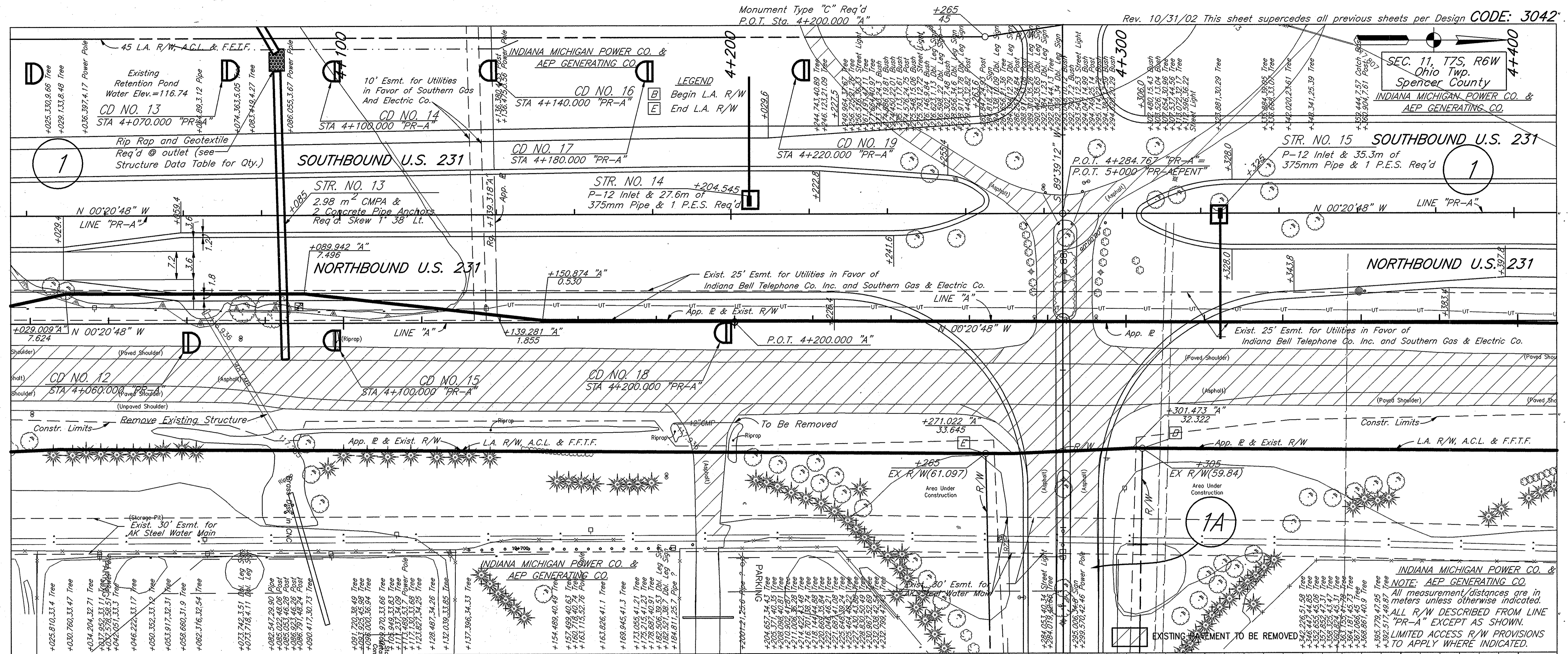
R:13737.06 (03) AUTOCAD (RWM) (CE) 11/28/02-pa02-pr-a.dwg 12.7 DMH 04-23-03 AT 15:56

RES. NO. 3737.0605



10+017.935 P.C. "S-SR70"	REVISIONS Added Sheet 26A, Removed Sheet 26, 04/26/05		RECOMMENDED FOR APPROVAL <i>Melissa A. Evinger</i> 08-04-03 DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION PLAN & PROFILE LINE "S-SR70"	HORIZONTAL SCALE 1:500 VERTICAL SCALE 1:100	BRIDGE FILE DESIGNATION 0001230
			DESIGNED: M.A.E. CHECKED: R.D.S.	DRAWN: R.D.S. CHECKED: M.A.E.	SURVEY BOOK 16722 CONTRACT R-27084	SHEETS 26A of 160 PROJECT NH-075-3(014)

Time: 7:20:38
 Date: 4/27/2005
 Scale: 1=500(FS)
 Drawing File: Z:\0_VMG PLAN & PROFILE\phase-1b\p-70-03.DWG (crite)



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: KAC	DRAWN: RGS	
CHECKED: AJD	CHECKED: KAC	

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "A" - U.S. 231

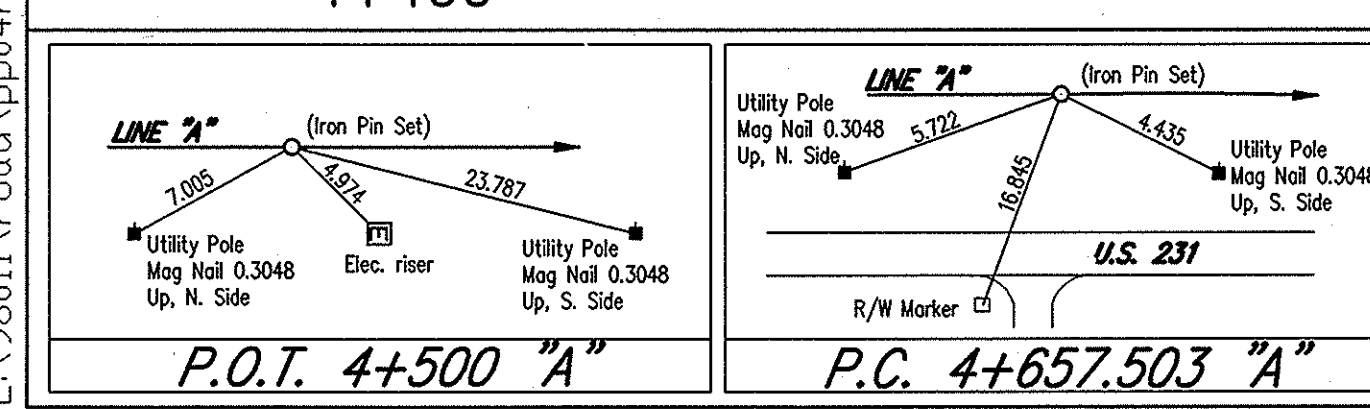
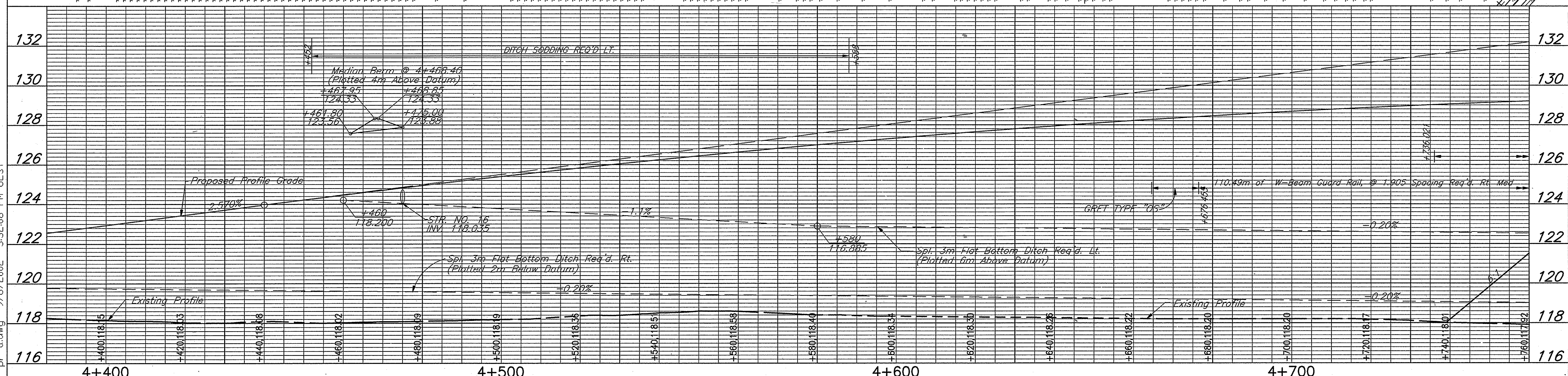
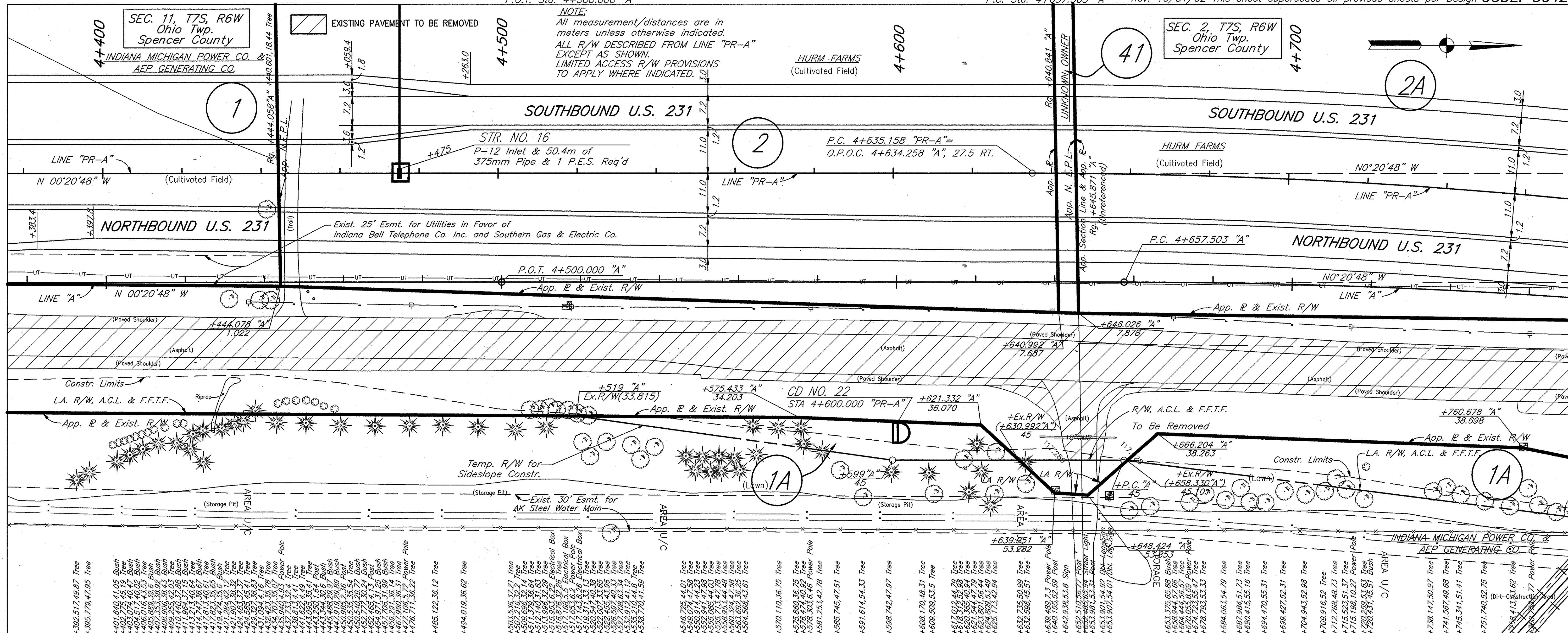
HORIZONTAL SCALE	FILE
1:500	3737.06
VERTICAL SCALE	DESIGNATION
1:100	8461360
SURVEY BOOK	SHEET
	27 OF 88
CONTRACT	PROJECT
	NH-075-3(014)

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 12.7
 04-23-02 AT 16:02
 10/10/2002 11:17:44 AM AM UEST

BPS NO. 3737.0605

Monument Type "C" Req'd
P.O.T. Sta. 4+500.000 "A"

Monument Type "C" Req'd
P.C. Sta. 4+657.503 "A" Rev. 10/31/02 This sheet supercedes all previous sheets per Design CODE: 3042

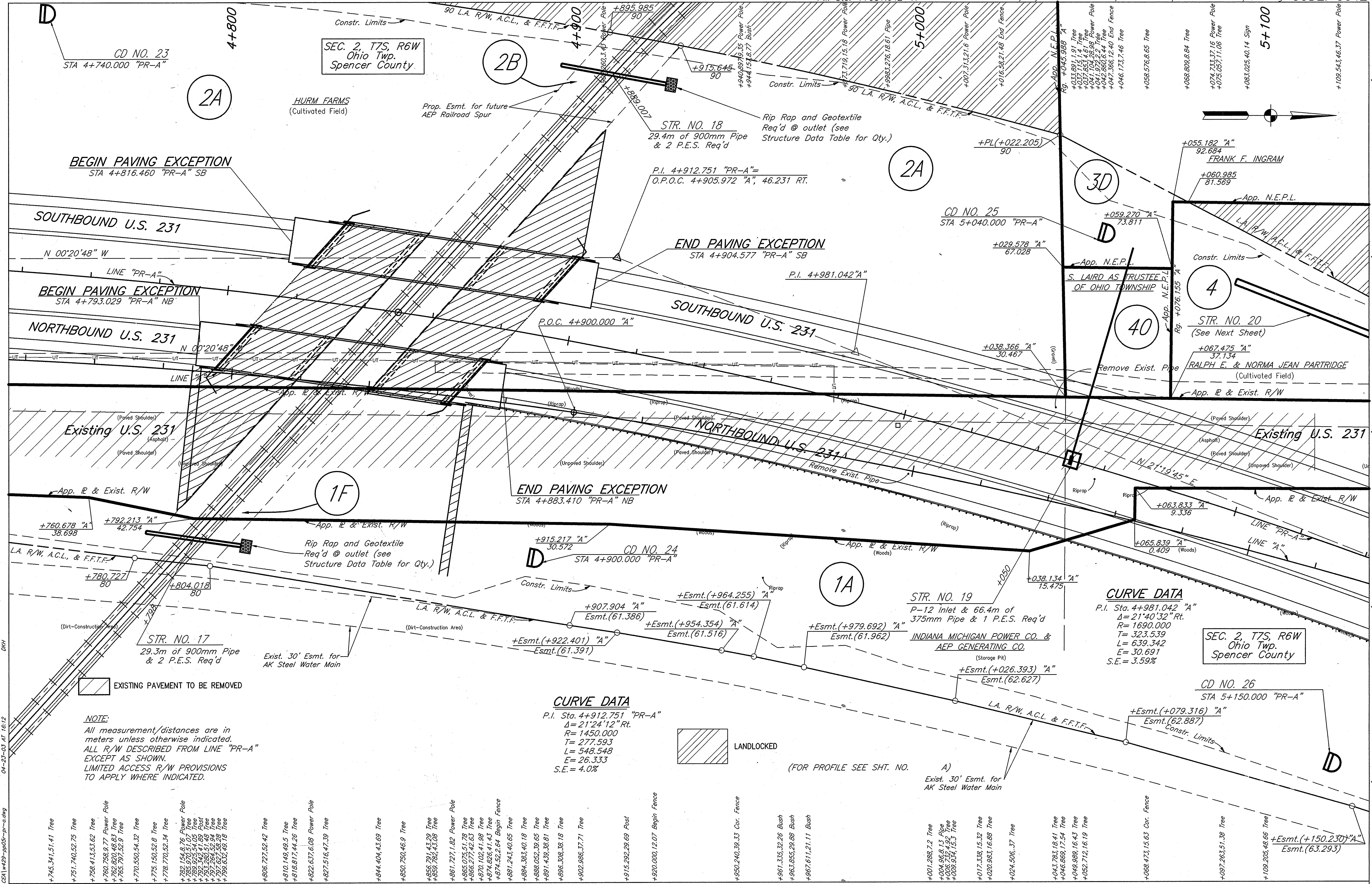


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: KAC	DRAWN: RGS	
CHECKED: AJD	CHECKED: KAC	

INDIANA DEPARTMENT OF TRANSPORTATION
PLAN & PROFILE
LINE "A" - U.S. 231

HORIZONTAL SCALE	FILE
1:500	3737.06
VERTICAL SCALE	DESIGNATION
1:100	8461360
SURVEY BOOK	SHEET
	28 of 88
CONTRACT	PROJECT
	NH-075-3(014)

D:\198011\road\pp04r.dwg 9/6/2002 3:32:08 PM JEST 127
 04-23-03 AT 16:08
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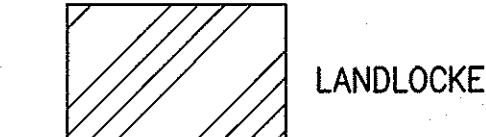
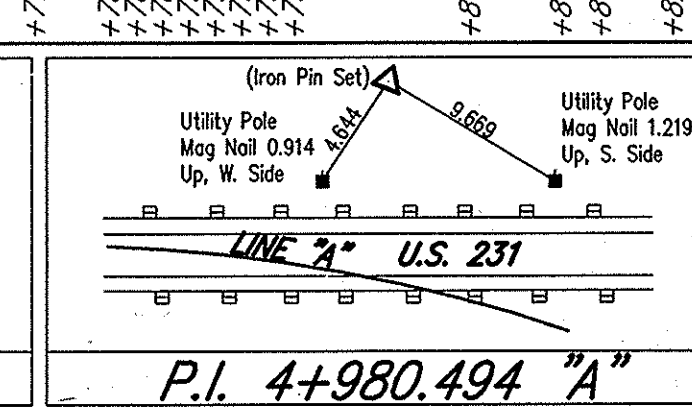
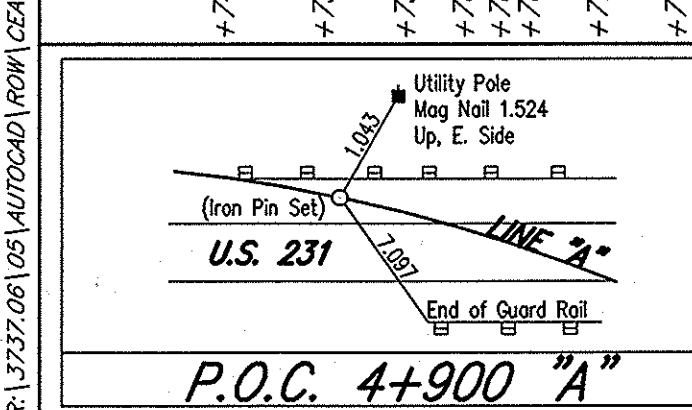


04-22-03 AT 16:12
R:\3737\06\05\AUTOCAD\ROAD\231\231-pp05-pr-a.dwg

NOTE:
All measurement/distances are in meters unless otherwise indicated. ALL R/W DESCRIBED FROM LINE "PR-A" EXCEPT AS SHOWN. LIMITED ACCESS R/W PROVISIONS TO APPLY WHERE INDICATED.

CURVE DATA
P.I. Sta. 4+912.751 "PR-A"
Δ = 21°24'12" Rt.
R = 1450.000
T = 277.593
L = 548.548
E = 26.333
S.E. = 4.0%

CURVE DATA
P.I. Sta. 4+981.042 "A"
Δ = 21°40'32" Rt.
R = 1690.000
T = 323.539
L = 639.342
E = 30.691
S.E. = 3.59%



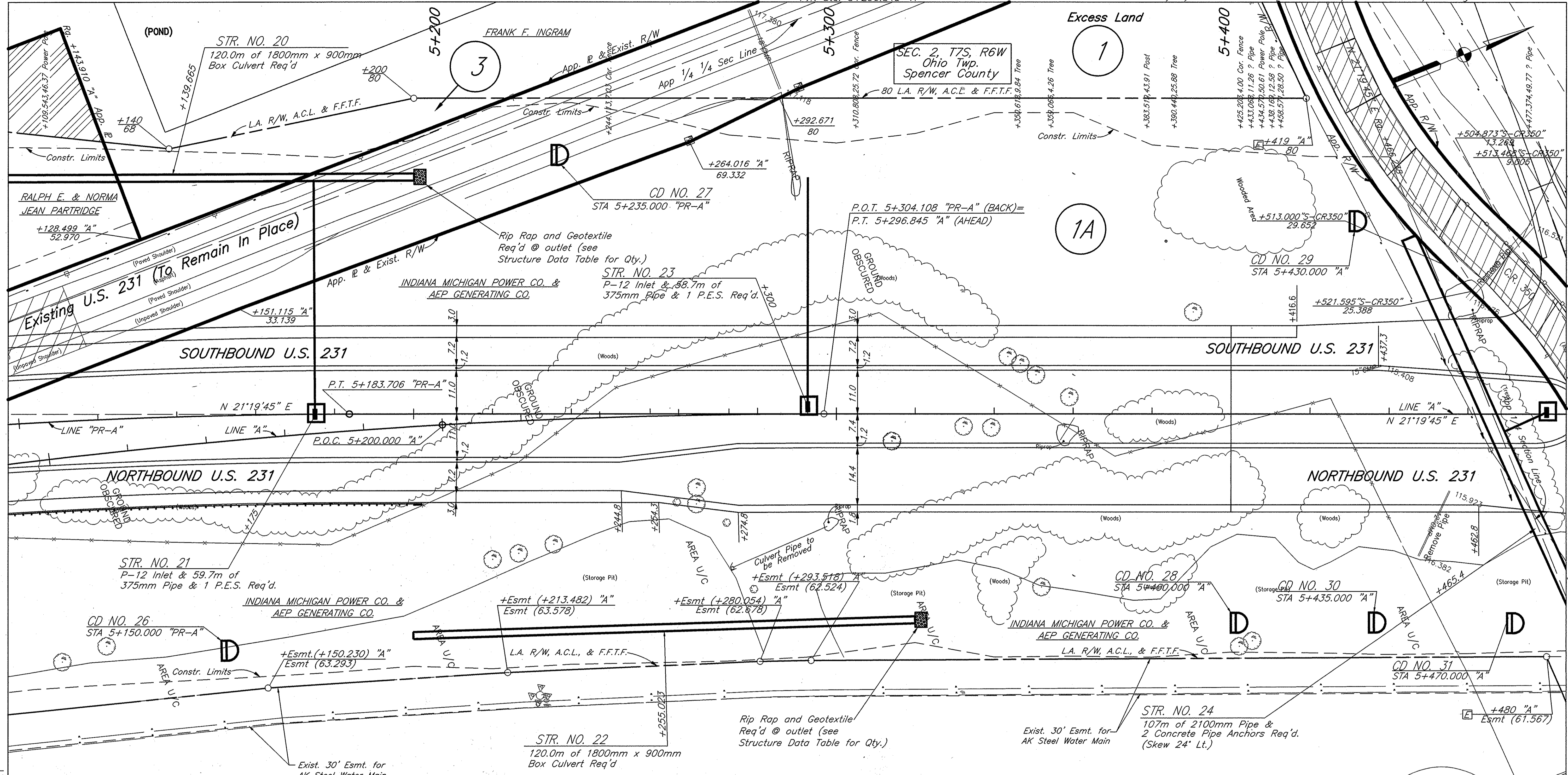
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: KAC	DRAWN: KAC	
CHECKED: AJD	CHECKED: RGS	

INDIANA DEPARTMENT OF TRANSPORTATION
PLAN
LINE "A" - U.S. 231

HORIZONTAL SCALE	FILE
1:500	3737.06
VERTICAL SCALE	DESIGNATION
1:100	8461360
SURVEY BOOK	SHEET
	29 of 88
CONTRACT	PROJECT
	NH-075-3(014)

SHEET NO. 3737-0605

Monument Type "C" Req'd
P.T. Sta. 5+296.845 "A"



LANDLOCKED
EXISTING PAVEMENT TO BE REMOVED

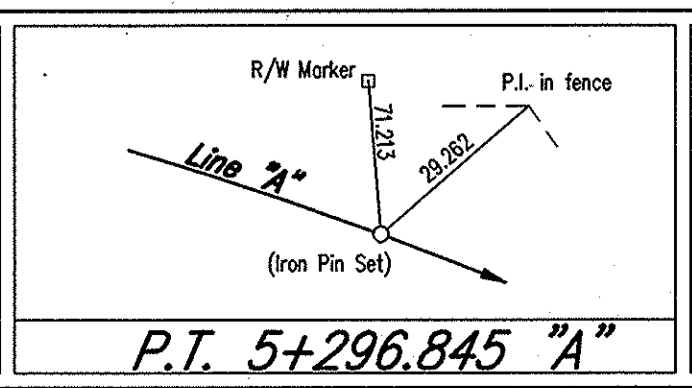
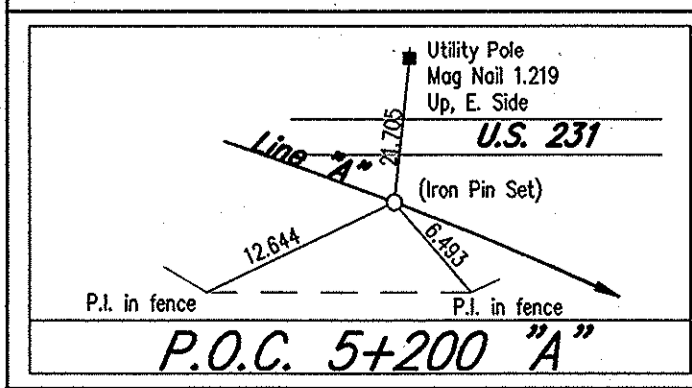
NOTE:
All measurement/distances are in meters unless otherwise indicated.
ALL R/W DESCRIBED FROM LINE "PR-A" EXCEPT AS SHOWN.
LIMITED ACCESS R/W PROVISIONS TO APPLY WHERE INDICATED.

(FOR PROFILE SEE SHT. NO. ---A)

LEGEND
[B] Begin L.A. R/W
[E] End L.A. R/W

FOR INTERSECTION GEOMETRY SEE CONSTRUCTION DETAIL SHEETS

12.7
04-23-03 AT 16:16
10/10/2002 2:27:01 PM PM UEST
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E:\98011\road\pp06-pr-a.dwg



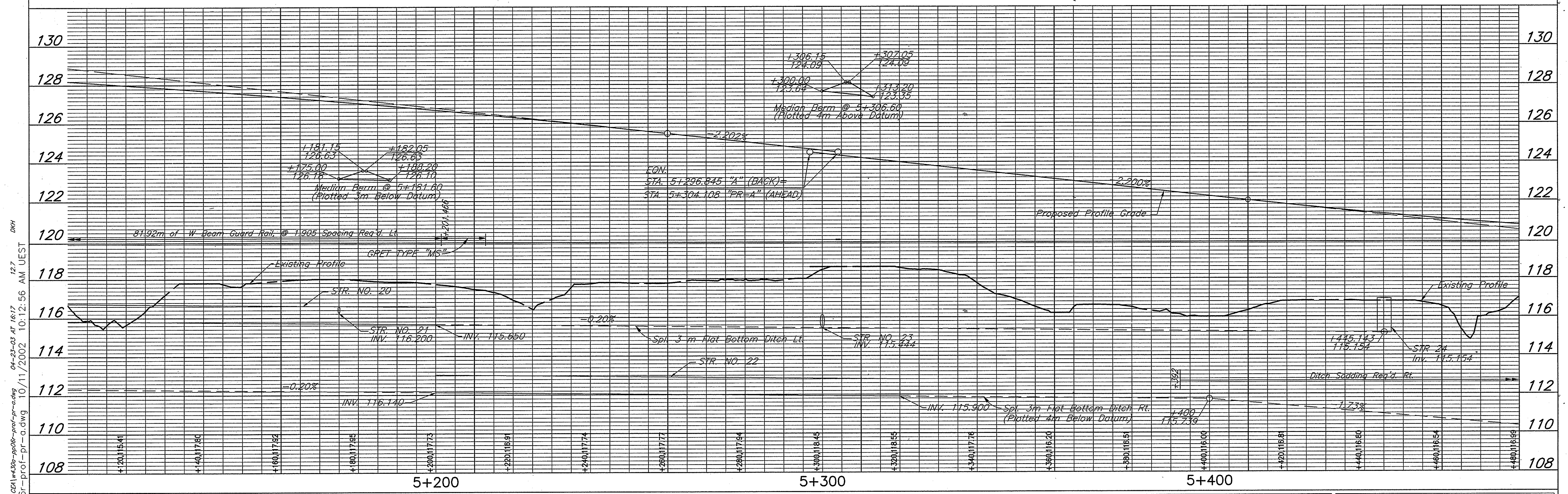
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: KAC	DRAWN: RGS	
CHECKED: AJD	CHECKED: KAC	

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN LINE "A" - U.S. 231

HORIZONTAL SCALE	FILE
1:500	3737.06
VERTICAL SCALE	DESIGNATION
1:100	8461360
SURVEY BOOK	SHEET
CONTRACT	30 of 88
	PROJECT
	NH-075-3(014)

FOR PLAN VIEW, SEE SHT. _____



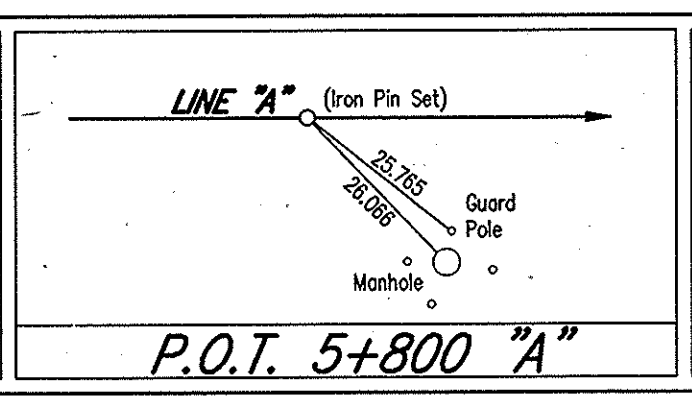
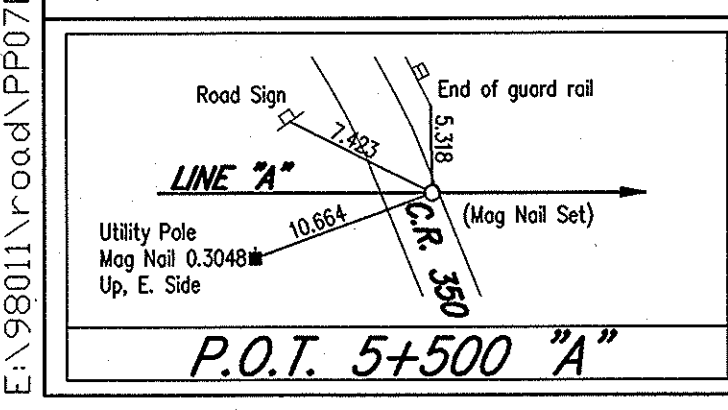
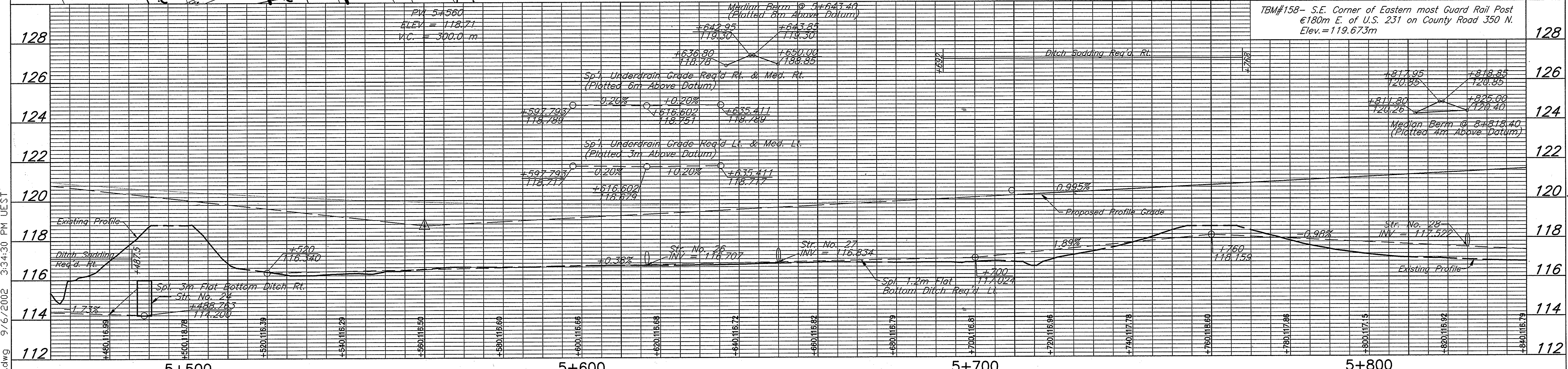
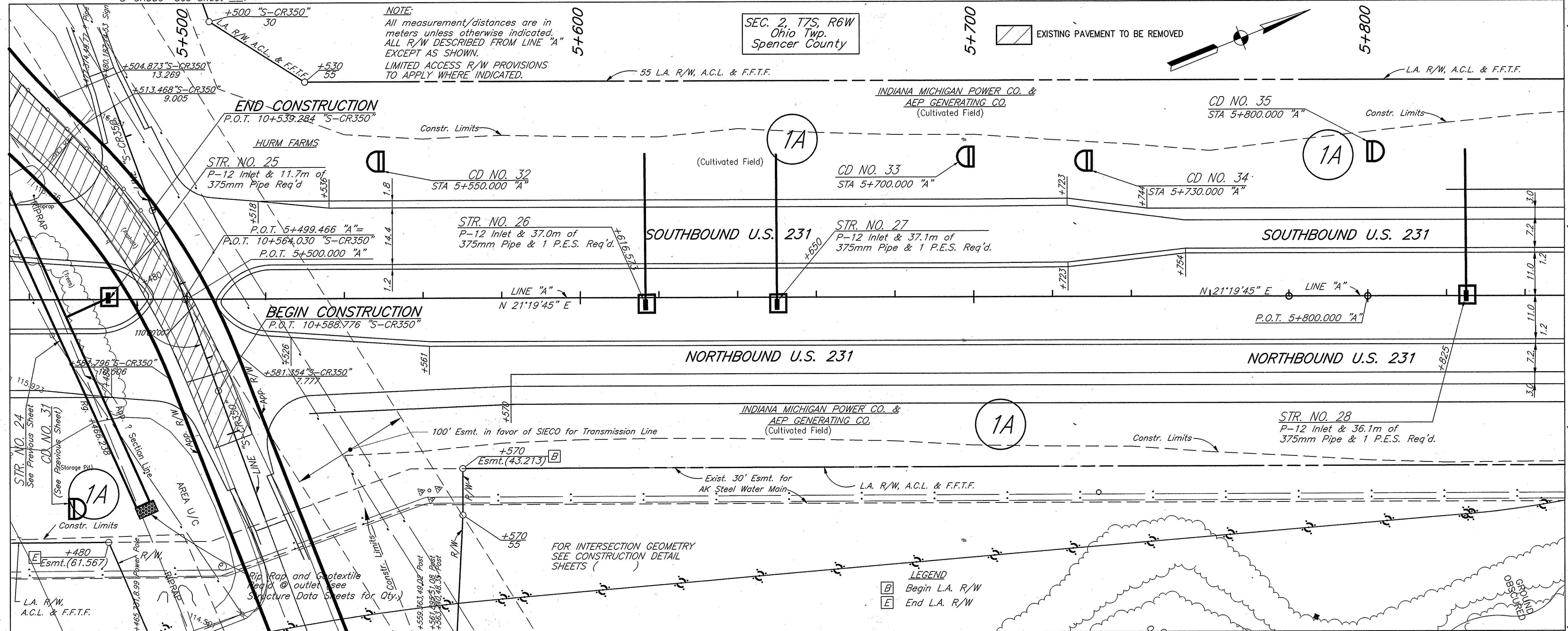
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E:\98011\road\pp06-pr-a.dwg 10/11/2002 10:12:56 AM UEST

E:\98011\road\pp06-pr-a.dwg - DEC 05, 2001 - 10:51:43

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		FILE
							1:500	3737.06	
DESIGNED: KAC		DRAWN: RGS			PROFILE LINE "A" - U.S. 231		VERTICAL SCALE		DESIGNATION
CHECKED: AJD		CHECKED: KAC					1:100	8461360	
							SURVEY BOOK		SHEET
							30A		OF 88
							CONTRACT		PROJECT
							NH-075-3(014)		

BFS NO. 3737.0605

For Continuation of Line
 "S-CR350" See Sheet



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: KAC	DRAWN: RGS	
CHECKED: AJD	CHECKED: KAC	

INDIANA DEPARTMENT OF TRANSPORTATION

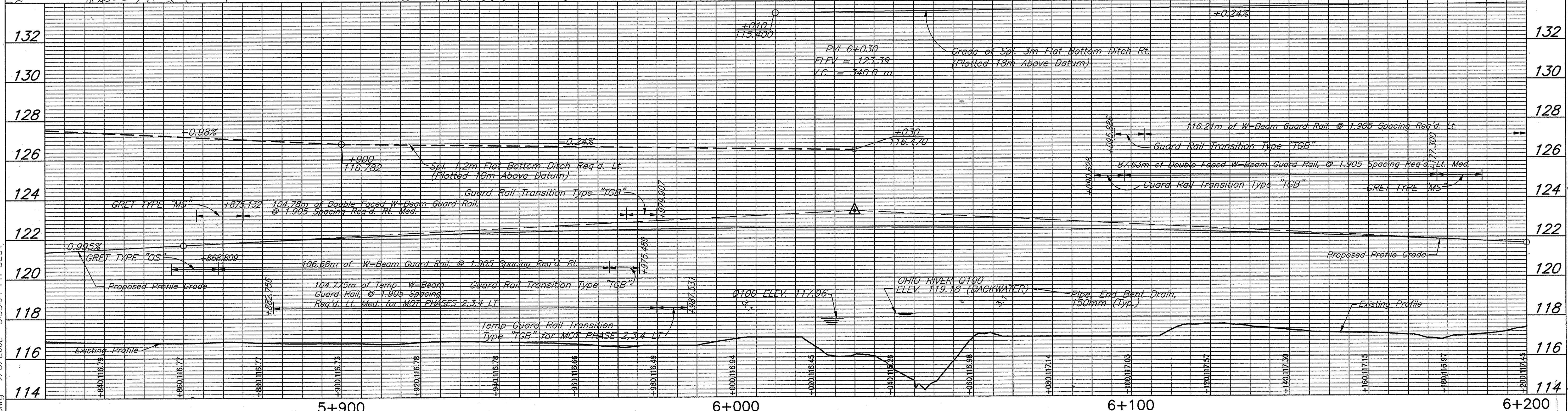
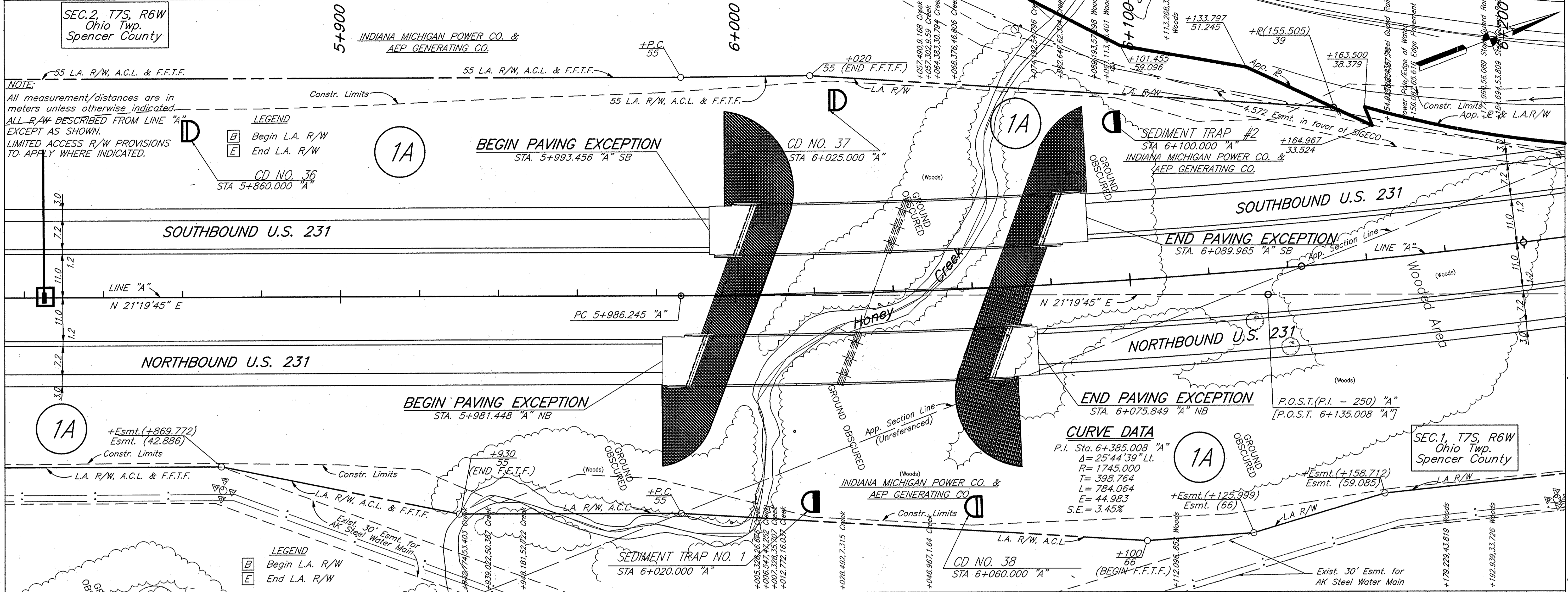
PLAN & PROFILE
LINE "A" - U.S. 231

HORIZONTAL SCALE	FILE
1:500	3737.06
VERTICAL SCALE	DESIGNATION
1:100	8461360
SURVEY BOOK	SHEET
	31 of 88
CONTRACT	PROJECT
	NH-075-3(014)

Monument Type "C" Req'd
P.C. Sta. 5+986.245 "A"

Rev. 10/31/02 This sheet supercedes all previous sheets per Design CODE: 3042

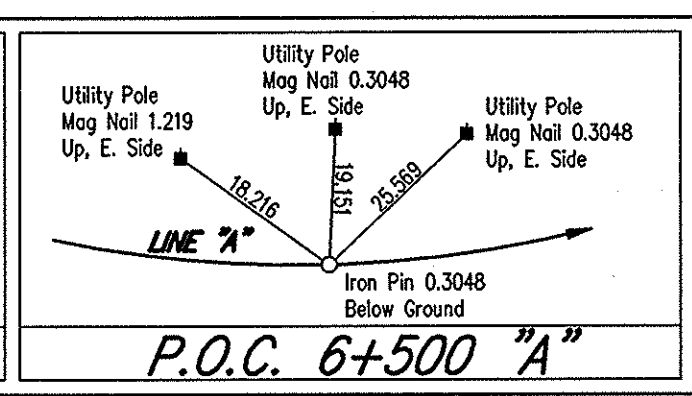
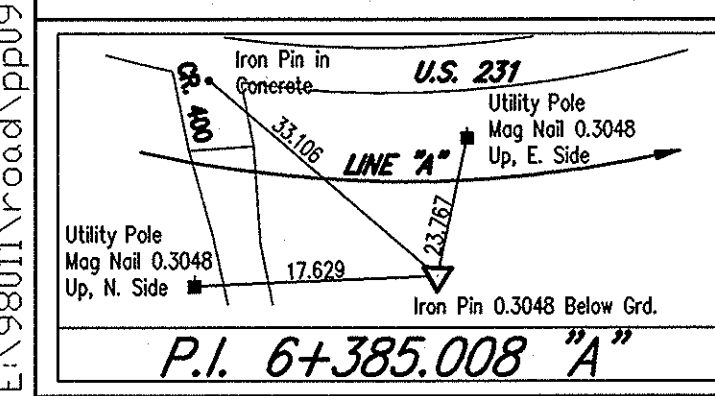
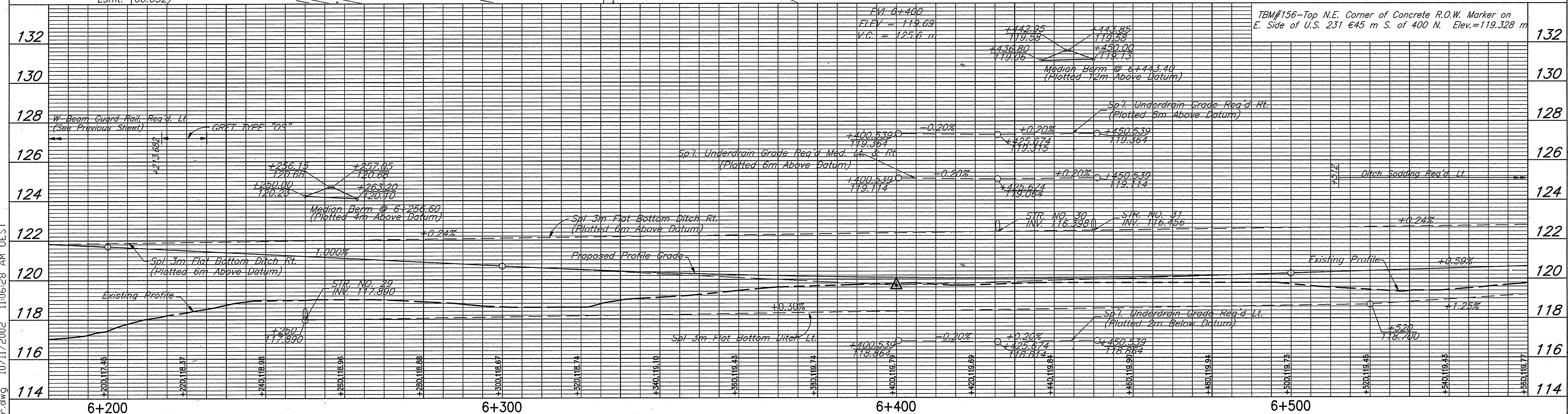
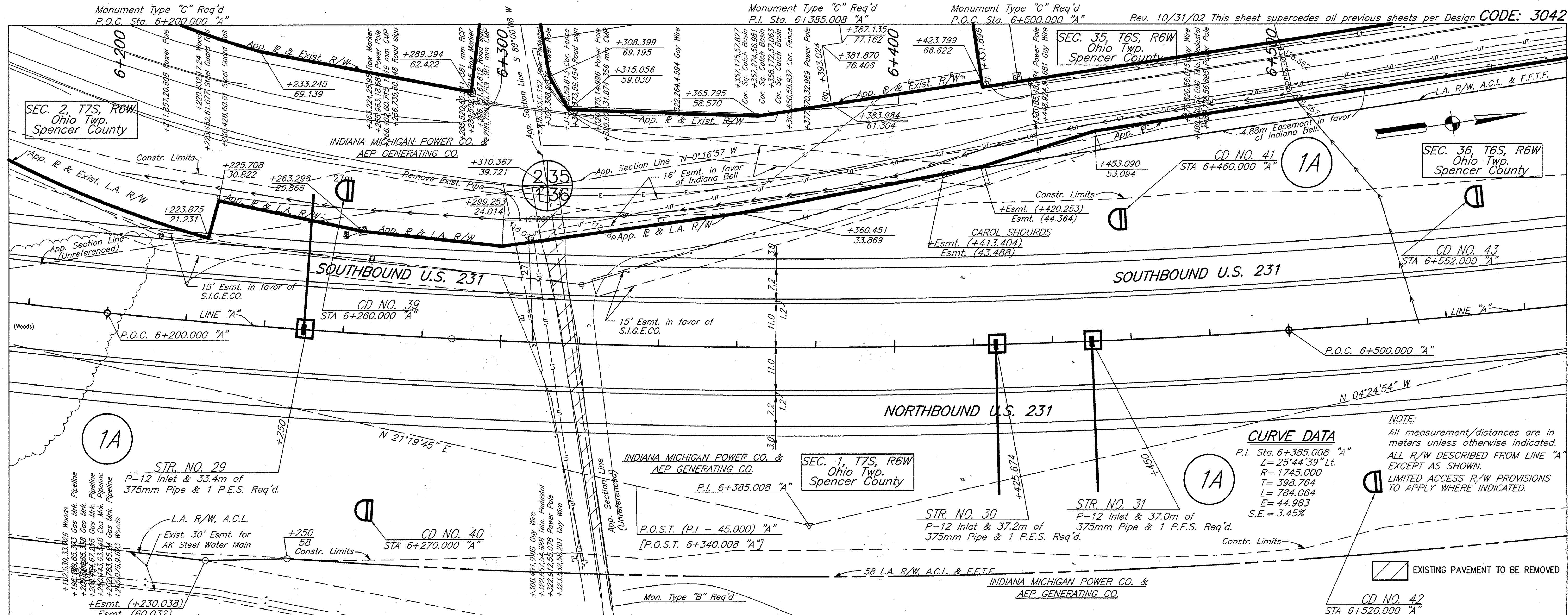
SEC. 2, T7S, R6W
Ohio Twp.
Spencer County



<p>P.C. 5+986.244 "A"</p>	<p>P.O.C. 6+200 "A"</p>	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION PLAN & PROFILE LINE "A" - U.S. 231	HORIZONTAL SCALE 1:500 VERTICAL SCALE 1:100	FILE 3737.06 DESIGNATION 8461360
		DESIGNED: KAC DRAWN: RGS CHECKED: AJD CHECKED: KAC		SURVEY BOOK 32 OF 88 CONTRACT PROJECT NH-075-3(014)	

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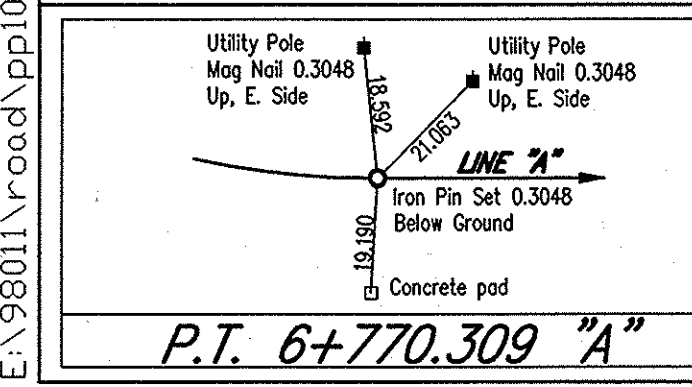
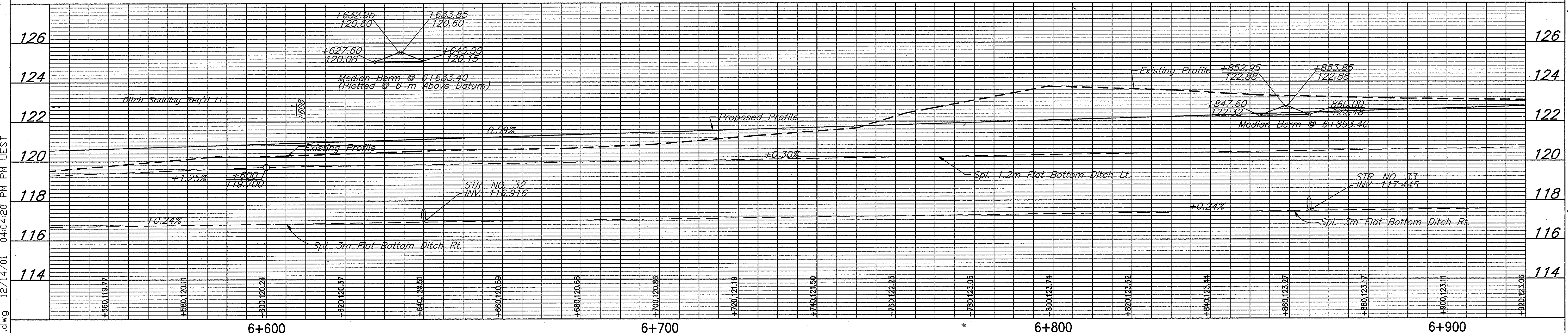
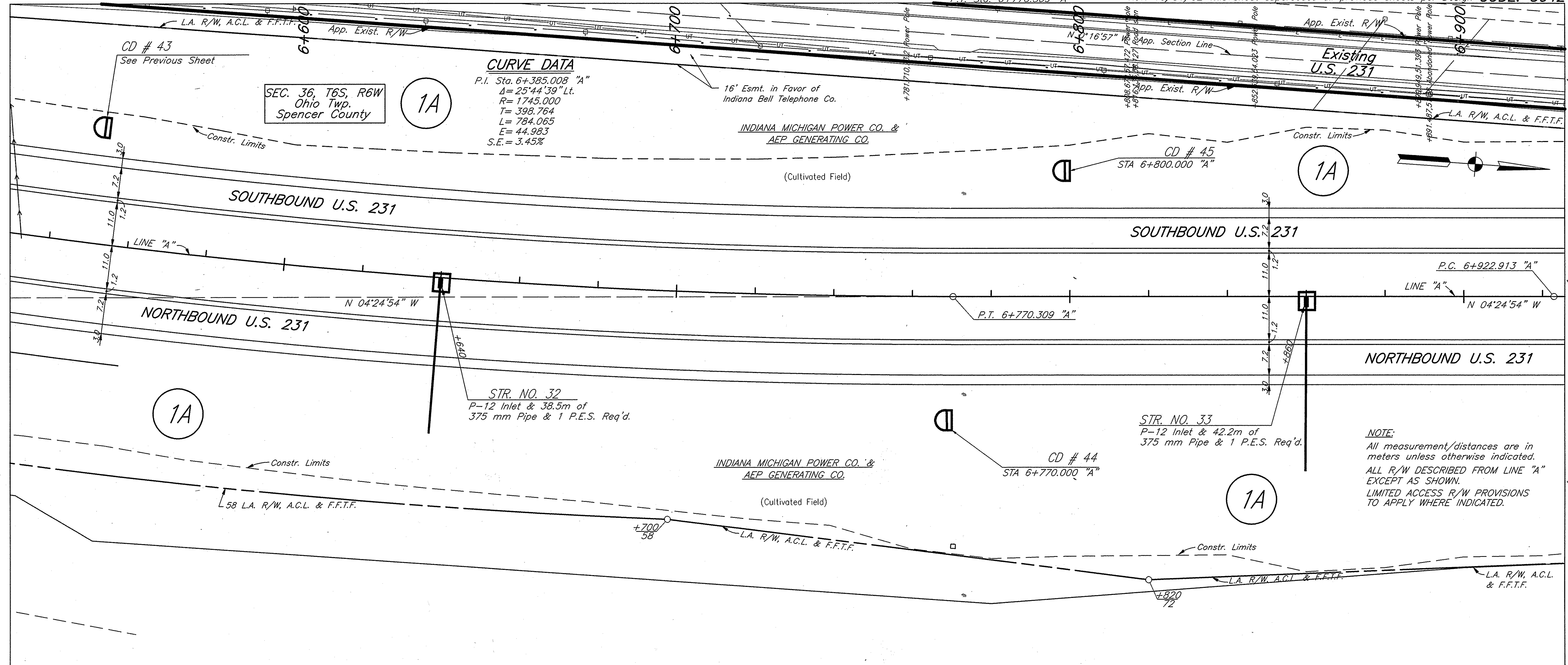
12.7
04-23-03 AT 16:26
11-06-28 AM WEST
10/11/2002
13737.06 (AUTOCAD) ROAD (CEN) 1433-pp09r.dwg
E:\98071\road\pp09r.dwg



RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER _____ DATE _____
DESIGNED: KAC DRAWN: RGS
CHECKED: AJD CHECKED: KAC

INDIANA DEPARTMENT OF TRANSPORTATION
PLAN & PROFILE
LINE "A" - U.S. 231

HORIZONTAL SCALE	FILE
1:500	3737.06
VERTICAL SCALE	DESIGNATION
1:100	8461360
SURVEY BOOK	SHEET
CONTRACT	PROJECT
	NH-075-3(014)



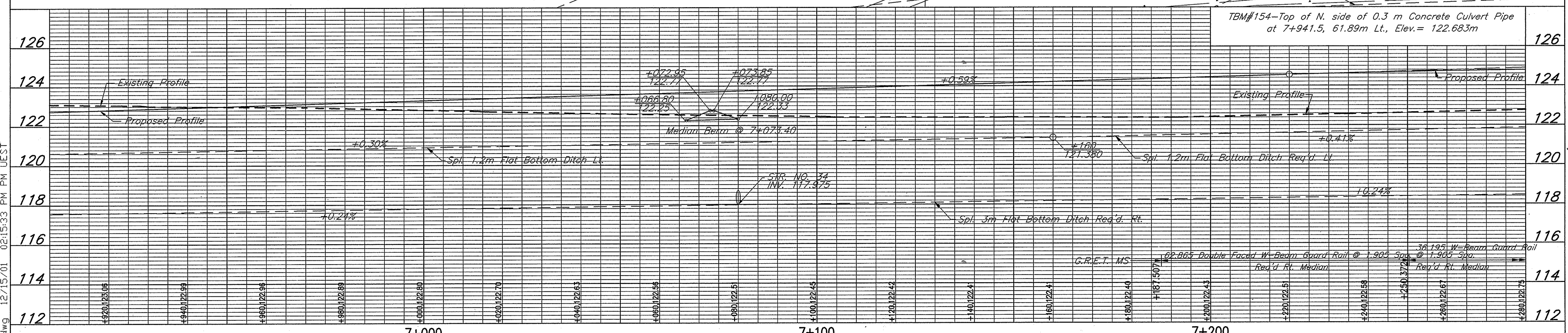
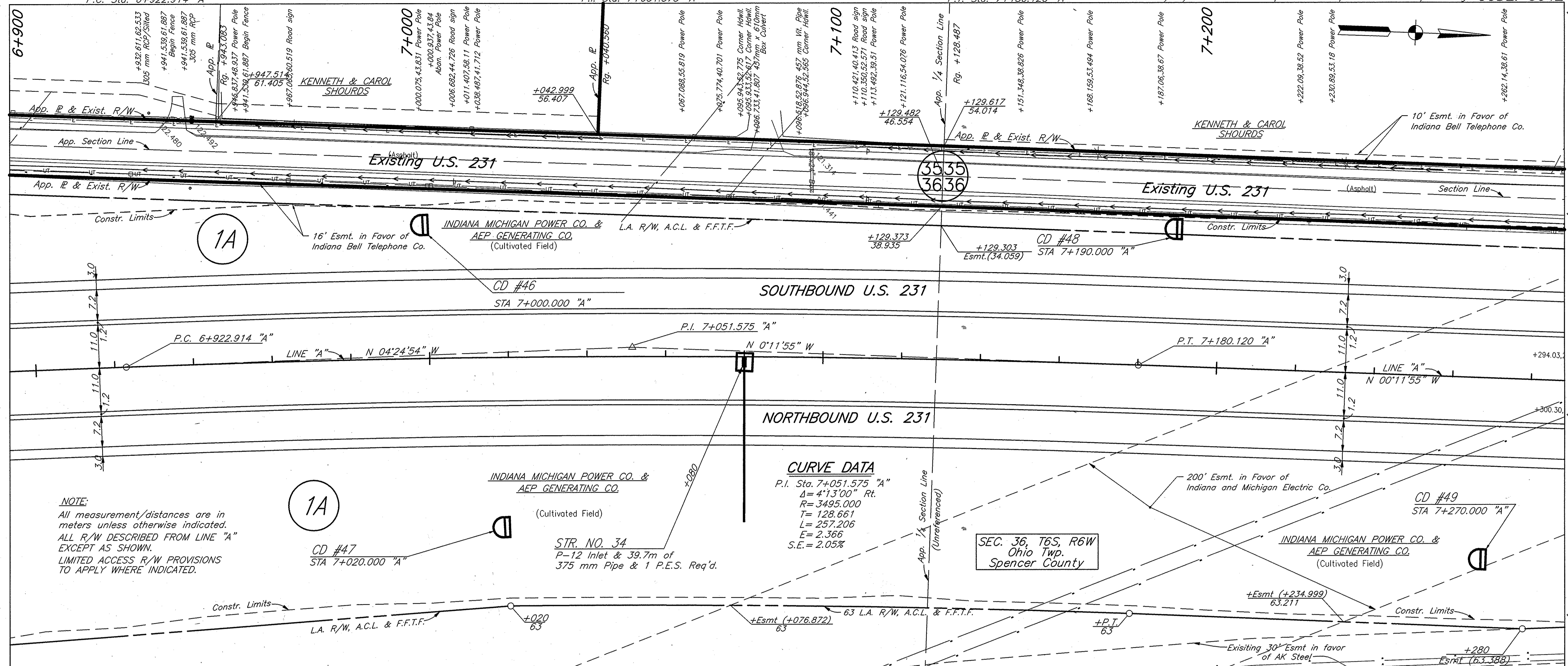
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: KAC	DRAWN: RGS	
CHECKED: AJD	CHECKED: KAC	

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "A" - U.S. 231

HORIZONTAL SCALE	FILE
1:500	3737.06
VERTICAL SCALE	DESIGNATION
1:100	8461360
SURVEY BOOK	SHEET
	34 of 88
CONTRACT	PROJECT
	NH-075-3(014)

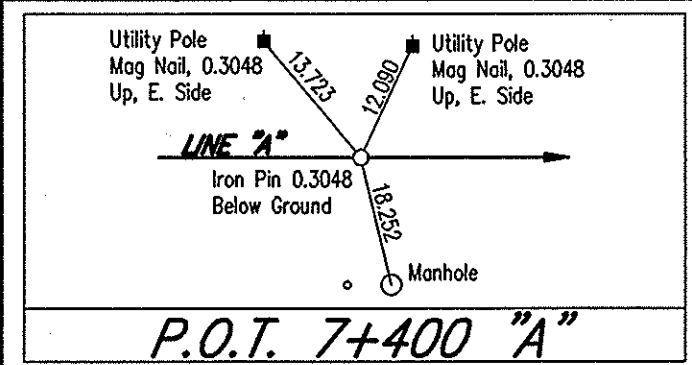
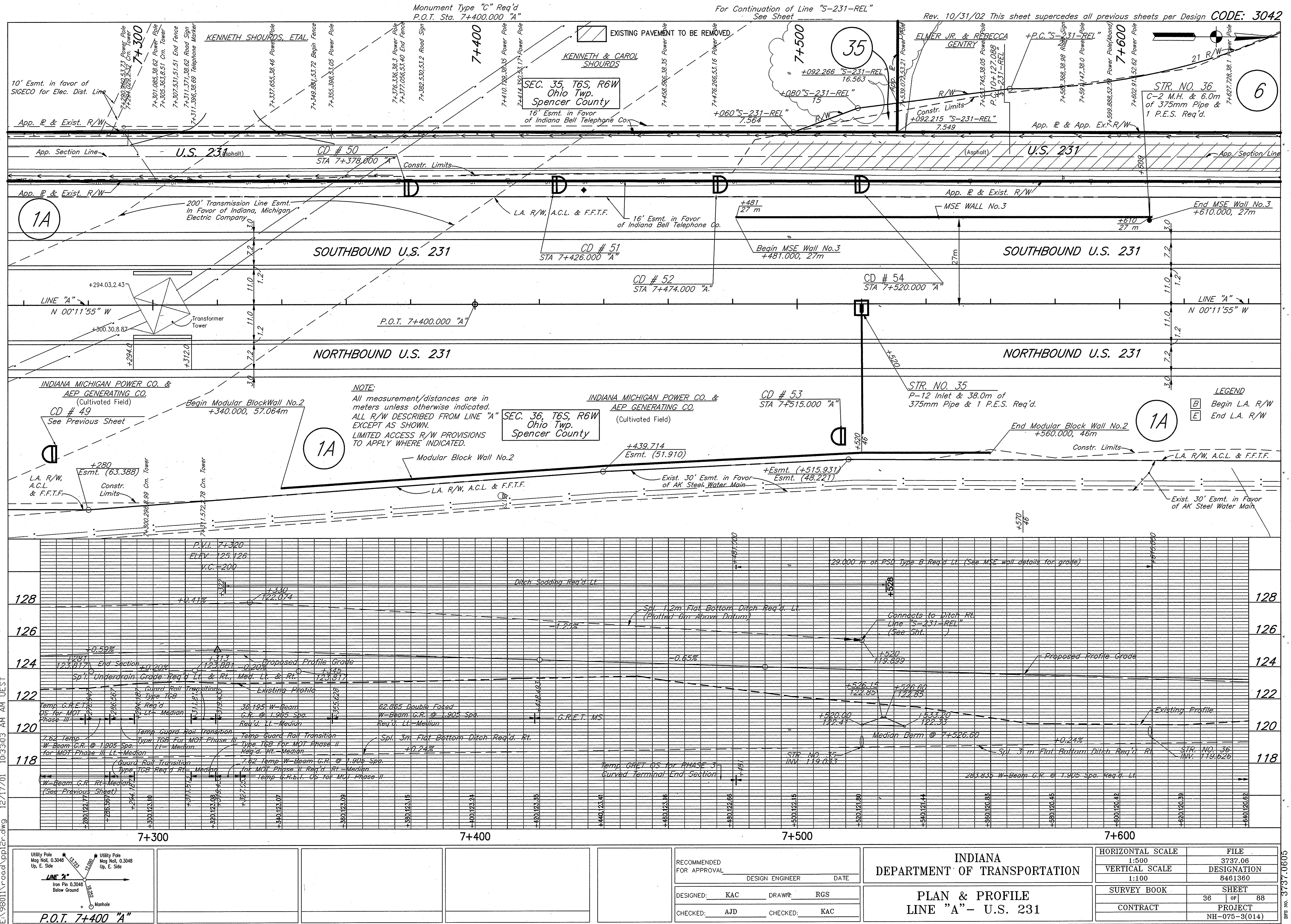
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 04-24-03 AT 07:27
 DMY 12.7



<p>P.C. 6+922.914 "A"</p>	<p>P.I. 7+051.575 "A"</p>	<p>P.T. 7+180.120 "A"</p>	RECOMMENDED FOR APPROVAL DESIGN ENGINEER: _____ DATE: _____ DESIGNED: KAC DRAWN: RGS CHECKED: AJD CHECKED: KAC	INDIANA DEPARTMENT OF TRANSPORTATION PLAN & PROFILE LINE "A" - U.S. 231	HORIZONTAL SCALE 1:500 VERTICAL SCALE 1:100 SURVEY BOOK _____ CONTRACT _____	FILE 3737.06 DESIGNATION 8461360 SHEET 35 of 88 PROJECT NH-075-3(014)
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E:\98011\road\p12r.dwg - DEC 05, 2007 - 15:40:5

R:\12327.001\05\1000000\road\12327.dwg 12/17/01 10:33:40 AM WEST
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: KAC	DRAWN: RGS	
CHECKED: AJD	CHECKED: KAC	

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "A" - U.S. 231

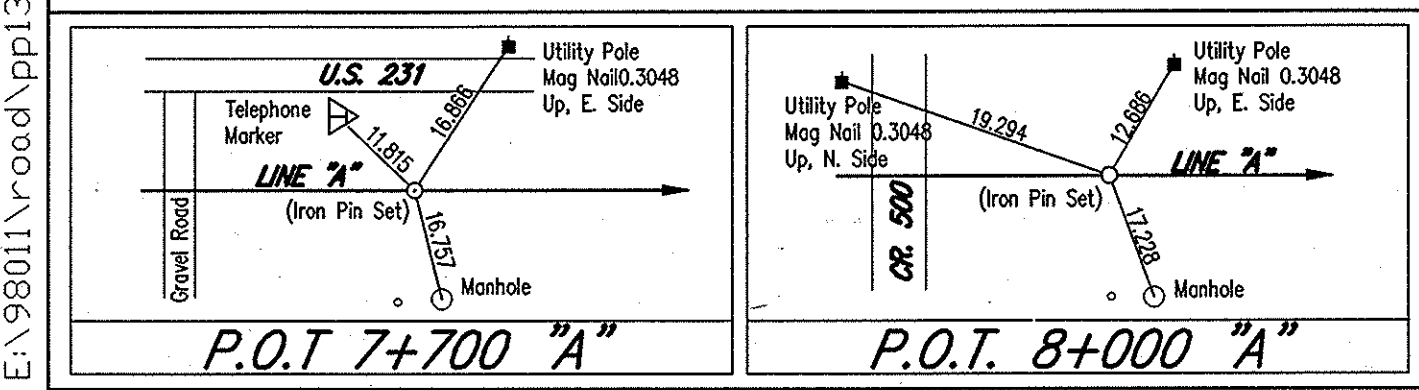
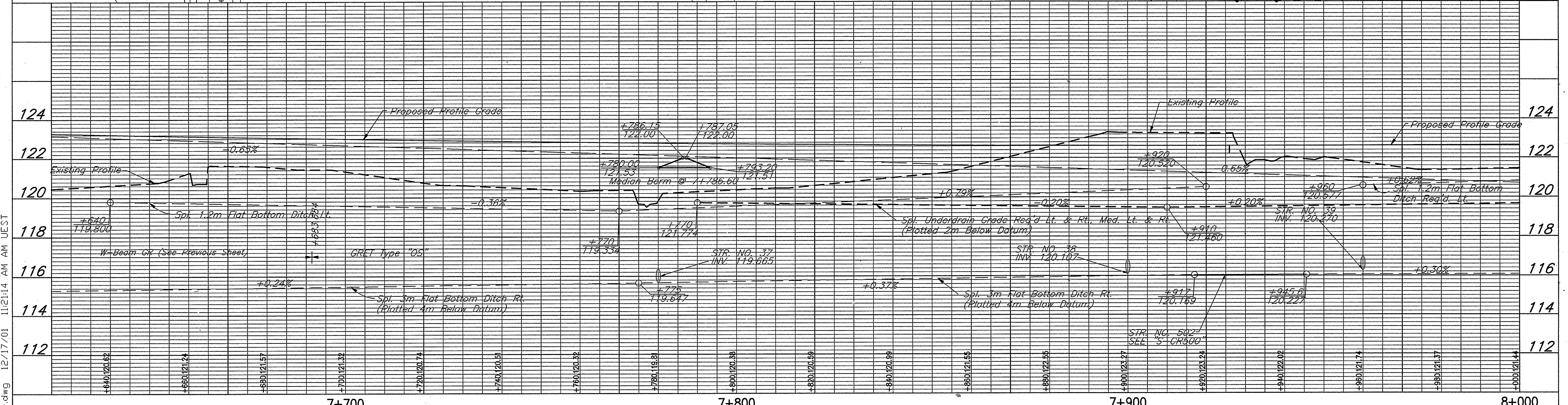
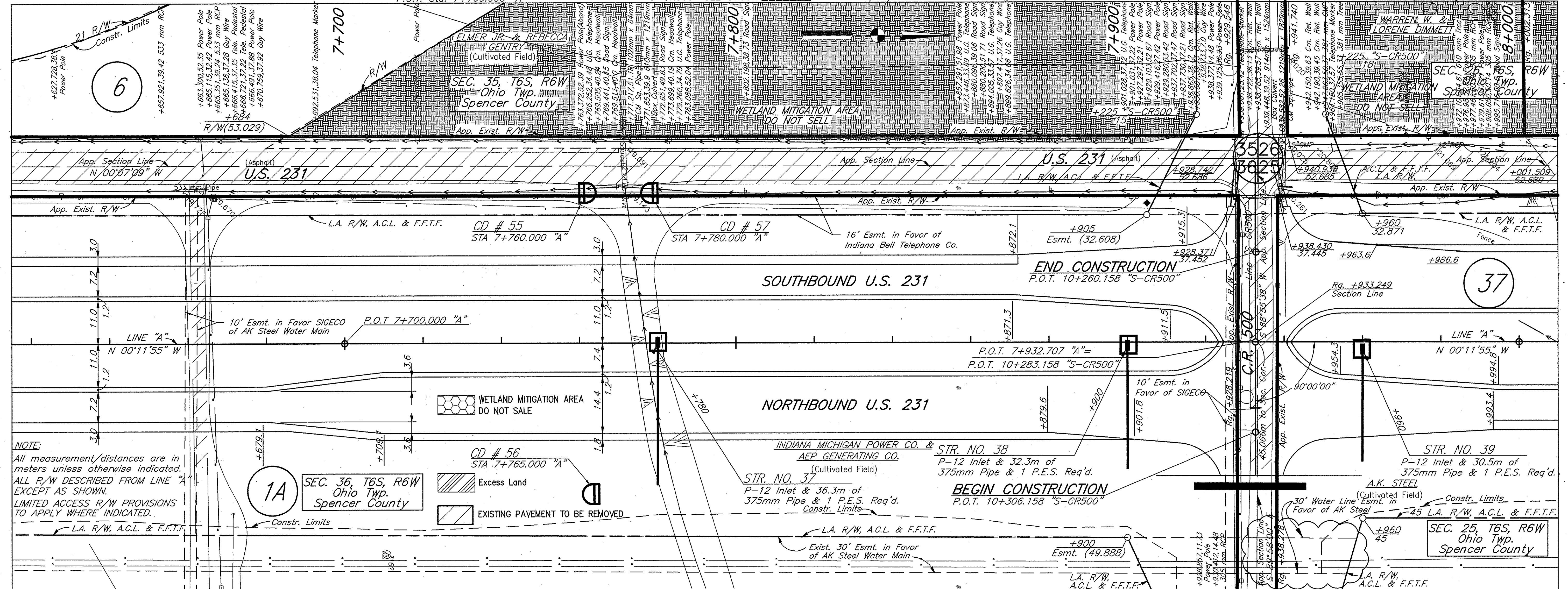
HORIZONTAL SCALE	FILE
1:500	3737.06
VERTICAL SCALE	DESIGNATION
1:100	8461360
SURVEY BOOK	SHEET
	36 of 88
CONTRACT	PROJECT
	NH-075-3(014)

BPS NO. 3737-0605

E:\980011\road\pp13r.dwg - DEC 05, 2001 - 12:55:11

12.7
 10-30-03 AT 02:11:21:14 AM AUST
 E:\980011\road\pp13r.dwg 12/17/01
 12.7
 10-30-03 AT 02:11:21:14 AM AUST

Monument Type "C" Req'd P.O.T. Sta. 7+700.000 "A"
 FOR CONTINUATION OF LINE "S-CR500" SEE SHEET
 Rev. 10/27/03 added Wetland Mitigation Area per INDOT
 Rev. 01/22/03 added water line easement on AK Steel
 Rev. 10/31/02 This sheet supersedes all previous sheets per Design CODE: 3042

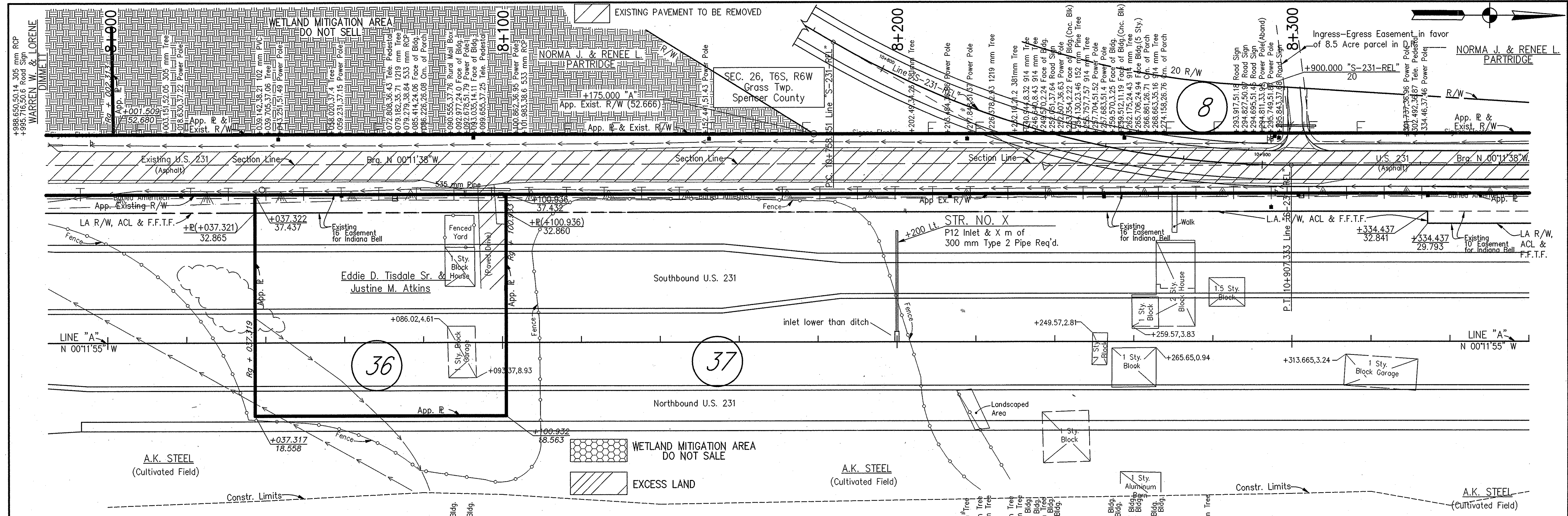


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: KAC	DRAWN: RGS	
CHECKED: AJD	CHECKED: KAC	

INDIANA DEPARTMENT OF TRANSPORTATION
PLAN & PROFILE
LINE "A" - U.S. 231

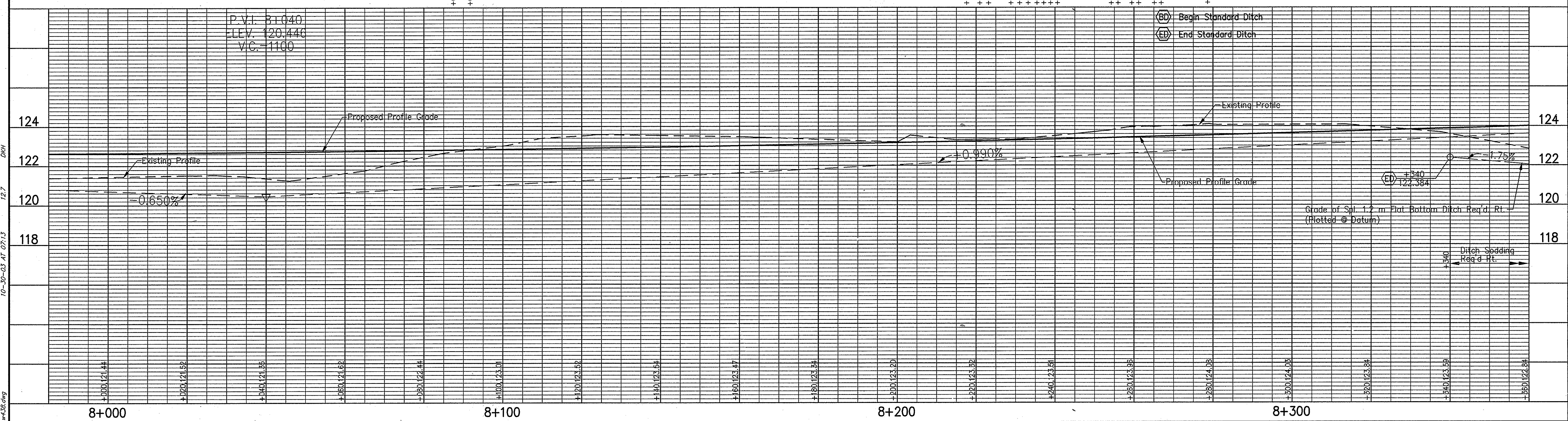
HORIZONTAL SCALE	FILE
1:500	3737.06
VERTICAL SCALE	DESIGNATION
1:100	8461360
SURVEY BOOK	SHEET
	37 of 88
CONTRACT	PROJECT
	NH-075-3(014)

BPS NO. 3737.0605



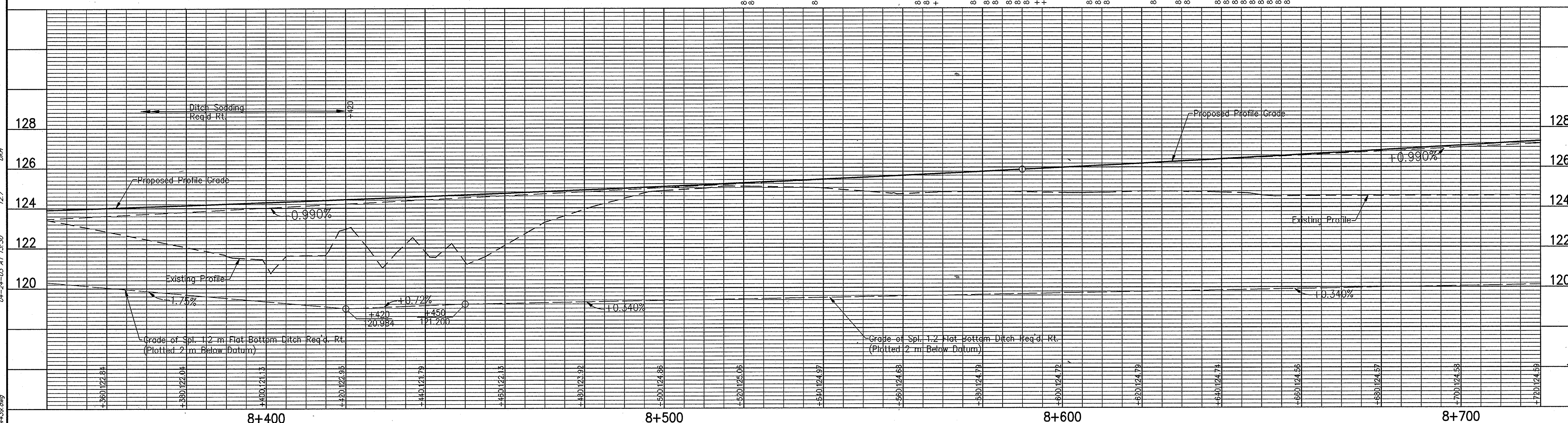
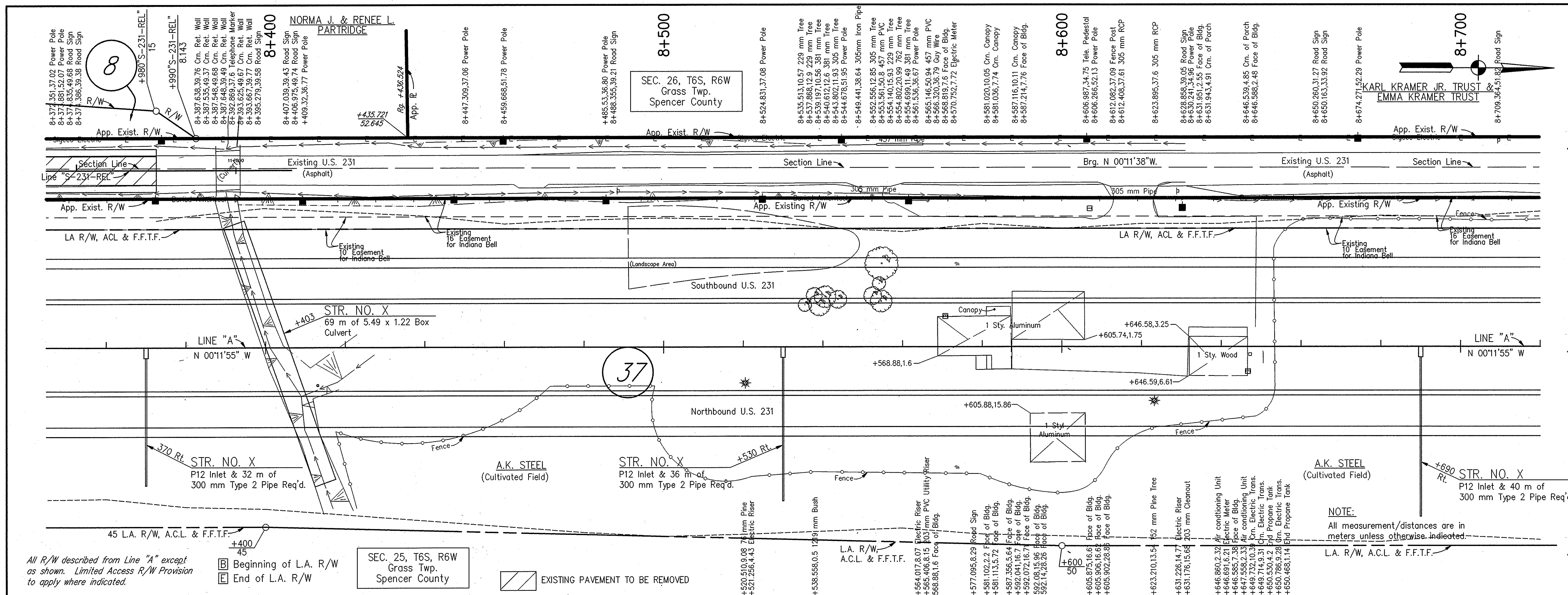
NOTE:
All measurement/distances are in meters unless otherwise indicated.

Beginning of L.A. R/W
 End of L.A. R/W
 All R/W described from Line "A" except as shown. Limited Access R/W Provision to apply where indicated.



10-30-03 AT 07.13
 12.7
 DNH
 R:\3737_06\05\AUTOCAD\3042\W-231.dwg

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
DESIGNED: KAC	DRAWN: RGS				PLAN & PROFILE		1:500	
CHECKED:	CHECKED: KAC				LINE "A" - U.S. 231		VERTICAL SCALE	DESIGNATION
							1:100	8461360
							SURVEY BOOK	SHEETS
								38 of 89
							CONTRACT	PROJECT
								NH-075-3()



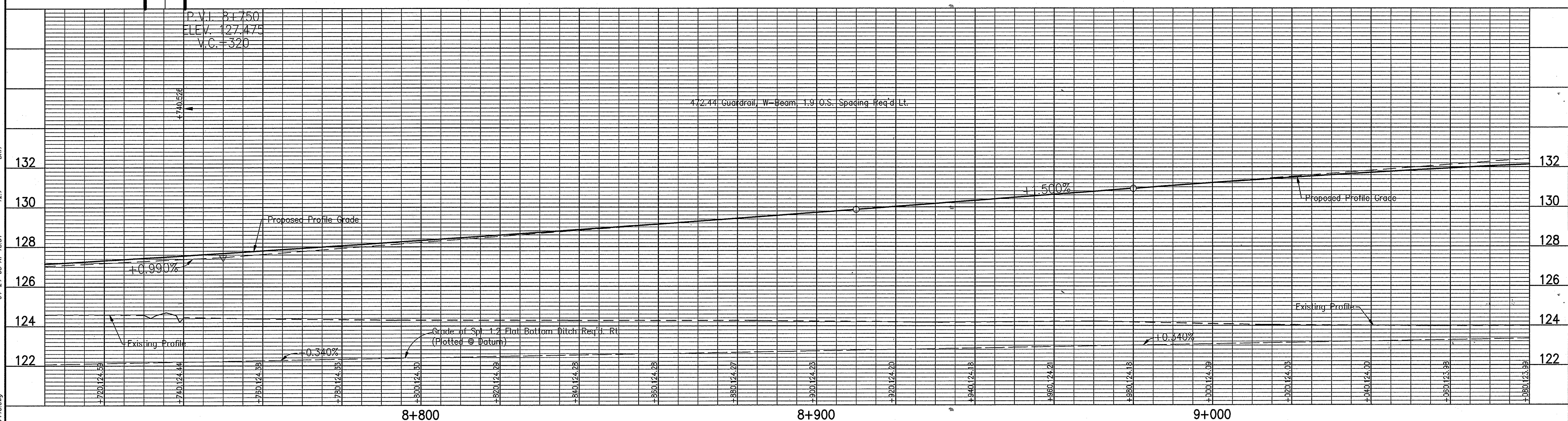
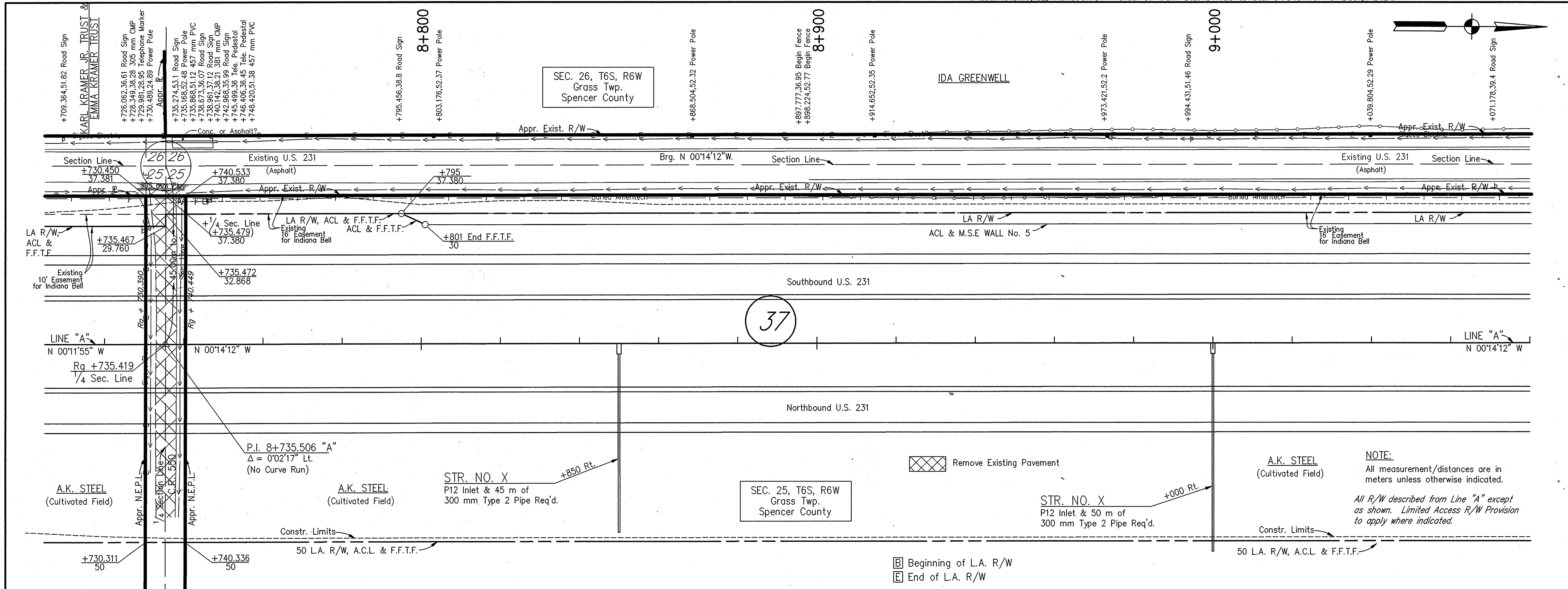
RECOMMENDED FOR APPROVAL DESIGN ENGINEER _____ DATE _____ DESIGNED: KAC DRAWN: RGS CHECKED: _____ CHECKED: KAC			INDIANA DEPARTMENT OF TRANSPORTATION PLAN & PROFILE LINE "A" - U.S. 231		HORIZONTAL SCALE 1:500 VERTICAL SCALE 1:100 SURVEY BOOK CONTRACT	BRIDGE FILE DESIGNATION 8461360 SHEETS 39 of 89 PROJECT NH-075-3()
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 P:\1327205\051\AUTOCAD\3042\14438.dwg

rotate 90°11'55" about base point 0,0,0

Revised: 03/20/01, Revised R/W Parcel 37 from Sta. 8+400 to Sta. 9+840 Rt. Per Design Dept.
Revised: 07/06/02, Revised R/W Parcel 37 from Sta. 8+400 to Sta. 9+840 Rt. Per Design Dept.

CODE NO. 3042



RECOMMENDED FOR APPROVAL DESIGN ENGINEER: _____ DATE: _____ DESIGNED: KAC DRAWN: RGS CHECKED: _____ CHECKED: KAC		INDIANA DEPARTMENT OF TRANSPORTATION PLAN & PROFILE LINE "A" - U.S. 231		HORIZONTAL SCALE: 1:500 VERTICAL SCALE: 1:100 SURVEY BOOK: _____ SHEETS: 40 of 89 CONTRACT: _____ PROJECT: NH-075-3()	
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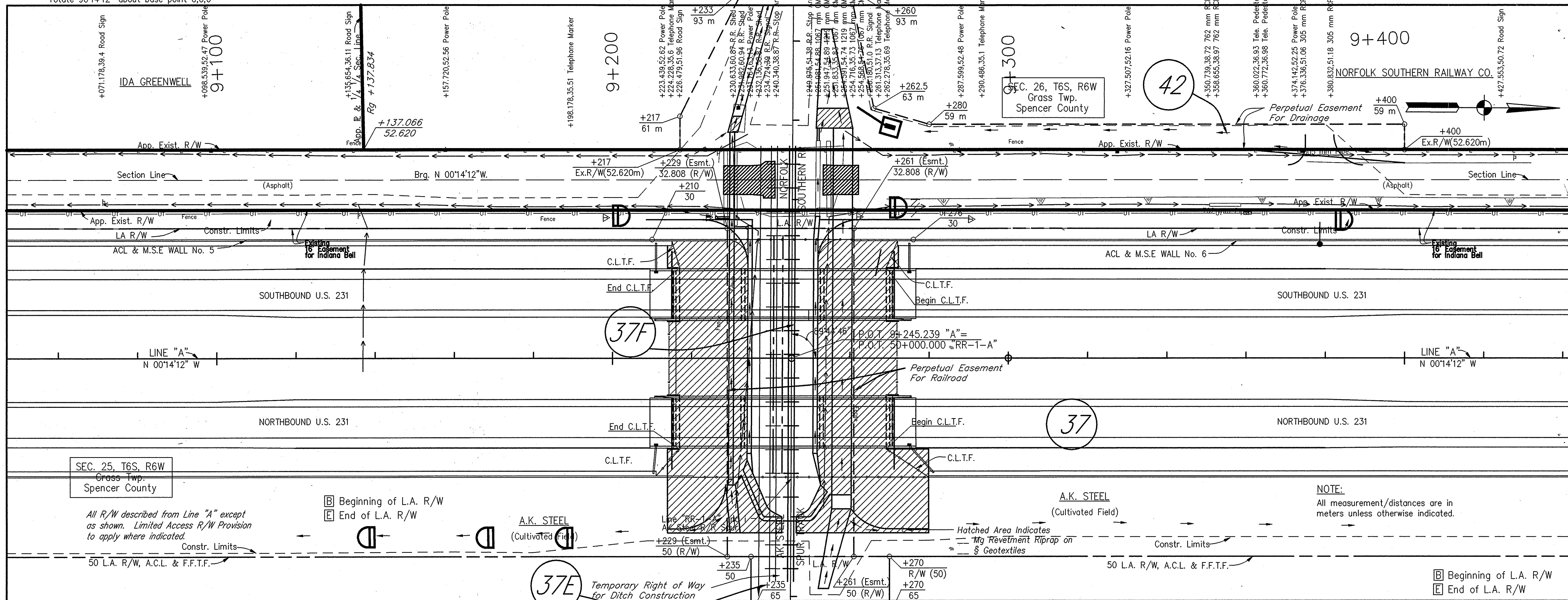
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R:\3727\05\AUTOCAD\3042\W440.dwg 04-24-03 AT 13:31 12.7 DWH

rotate 90°14'12" about base point 0,0,0

Revised: 01/22/03, Added second track Per Design Dept

Revised: 03/20/01, Revised R/W Parcel 37 from Sta. 8+400 to Sta. 9+840 Rt. Per Design Dept.
Revised: 07/06/02, Revised R/W Parcel 37 from Sta. 8+400 to Sta. 9+840 Rt. Per Design Dept.



SEC. 25, T6S, R6W
Grass Twp.
Spencer County

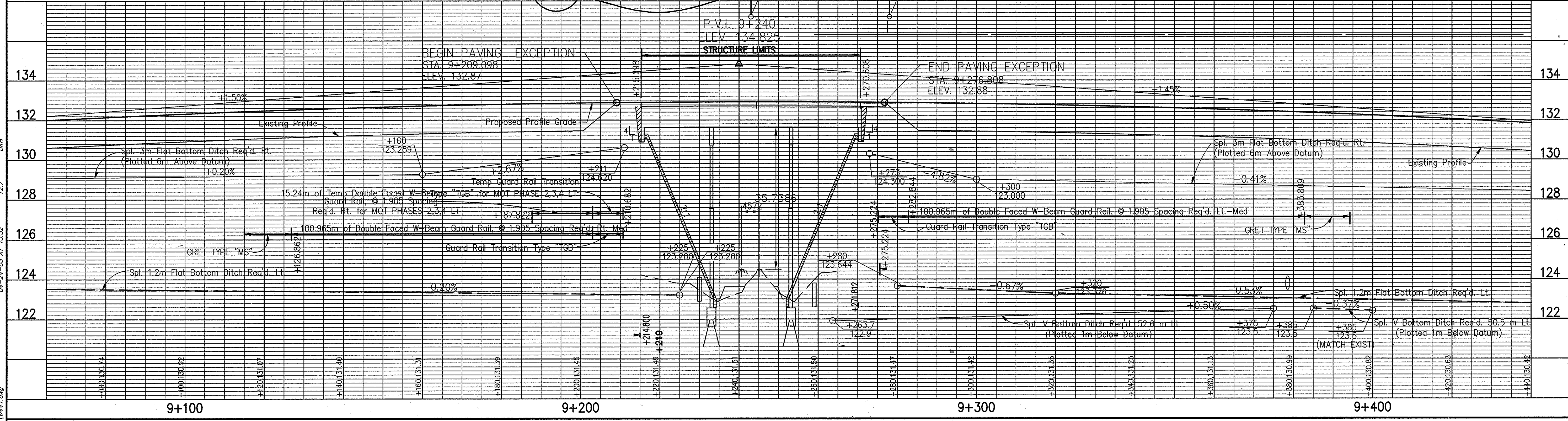
All R/W described from Line "A" except as shown. Limited Access R/W Provision to apply where indicated.

Beginning of L.A. R/W
End of L.A. R/W

A.K. STEEL
(Cultivated Field)

A.K. STEEL
(Cultivated Field)

NOTE:
All measurement/distances are in meters unless otherwise indicated.

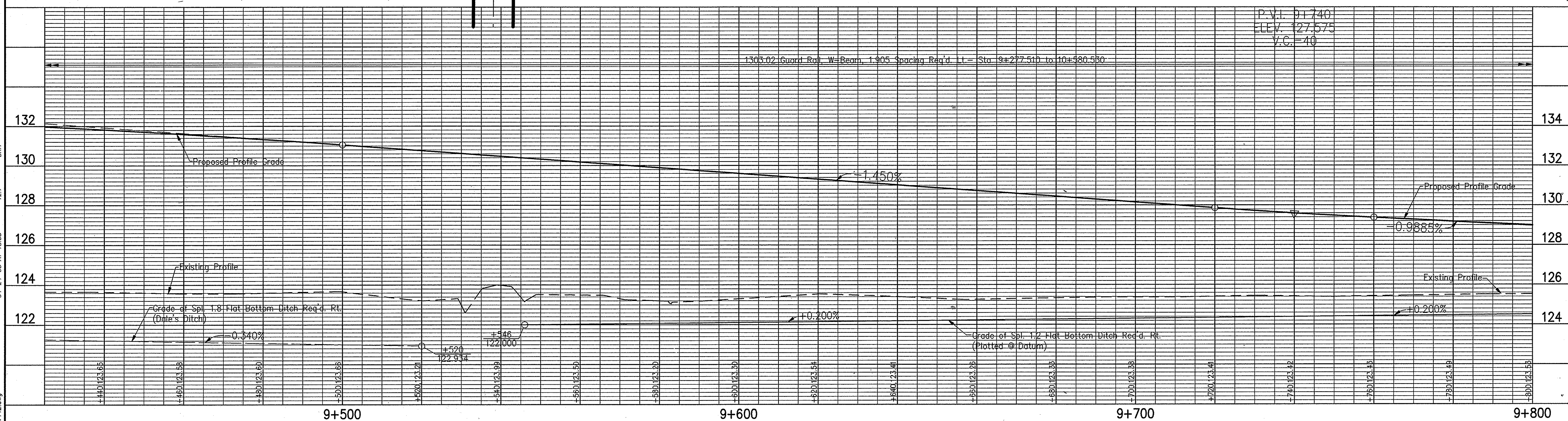
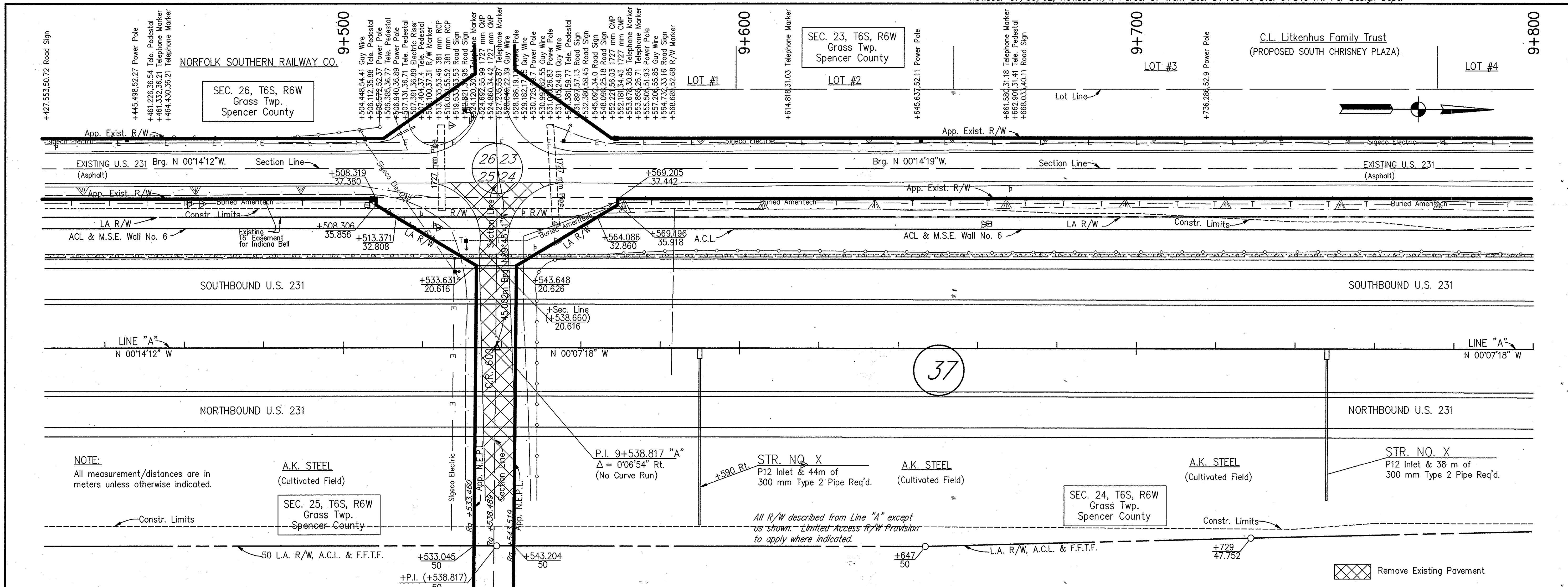


RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: KAC	DRAWN: RGS				
CHECKED:	CHECKED: KAC				
INDIANA DEPARTMENT OF TRANSPORTATION PLAN & PROFILE LINE "A" - U.S. 231					
HORIZONTAL SCALE 1:500		BRIDGE FILE		DESIGNATION 8461360	
VERTICAL SCALE 1:100		SURVEY BOOK		SHEETS 41 of 89	
CONTRACT		PROJECT		NH-075-3 ()	

rotate 90°14'12" about base point 0,0,0

Revised: 03/20/01, Revised R/W Parcel 37 from Sta. 8+400 to Sta. 9+840 Rt. Per Design Dept.
 Revised: 07/06/02, Revised R/W Parcel 37 from Sta. 8+400 to Sta. 9+840 Rt. Per Design Dept.

CODE NO. 3042



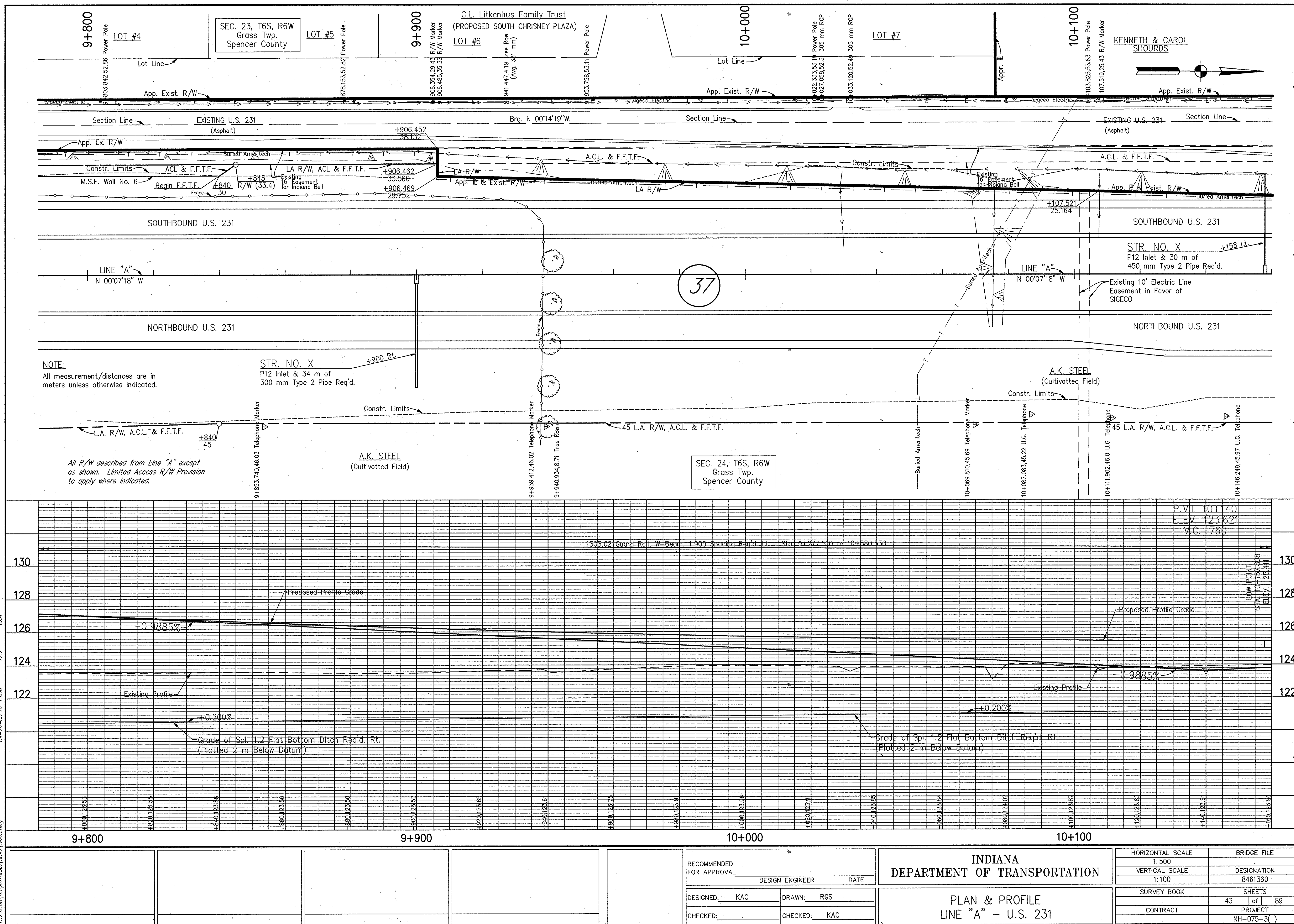
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE
DESIGNED: KAC	DRAWN: RGS			
CHECKED:	CHECKED: KAC			
INDIANA DEPARTMENT OF TRANSPORTATION PLAN & PROFILE LINE "A" - U.S. 231				
HORIZONTAL SCALE		BRIDGE FILE		
1:500				
VERTICAL SCALE		DESIGNATION		
1:100		8461360		
SURVEY BOOK		SHEETS		
		42 of 89		
CONTRACT		PROJECT		
		NH-075-3()		

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rotate 90°07'18" about base point 0,0,0

Revised: 03/20/01, Revised R/W Parcel 37 from Sta. 8+400 to Sta. 9+840 Rt. Per Design Dept.
 Revised: 07/06/02, Revised R/W Parcel 37 from Sta. 8+400 to Sta. 9+840 Rt. Per Design Dept.

CODE NO. 3042



NOTE:
 All measurement/distances are in meters unless otherwise indicated.

All R/W described from Line "A" except as shown. Limited Access R/W Provision to apply where indicated.

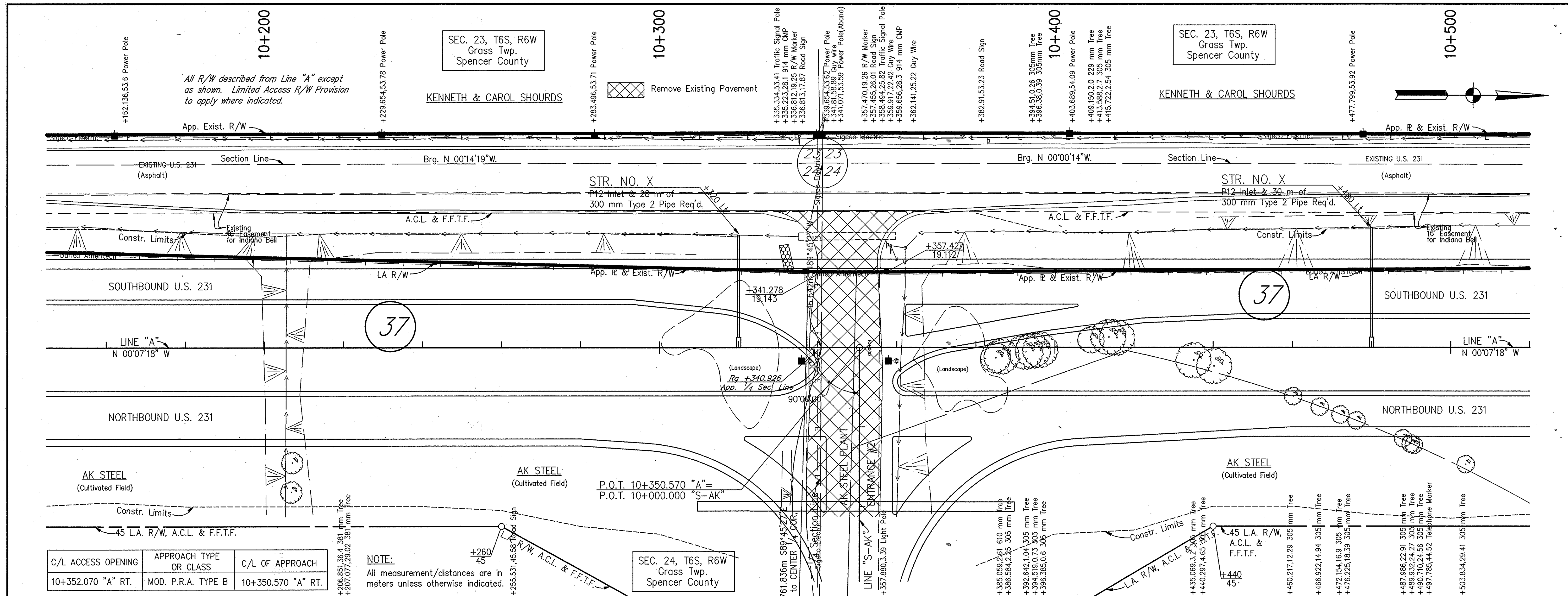
SEC. 24, T6S, R6W
 Grass Twp.
 Spencer County

RECOMMENDED FOR APPROVAL
 DESIGN ENGINEER _____ DATE _____
 DESIGNED: KAC DRAWN: RGS
 CHECKED: _____ CHECKED: KAC

INDIANA DEPARTMENT OF TRANSPORTATION
 PLAN & PROFILE
 LINE "A" - U.S. 231

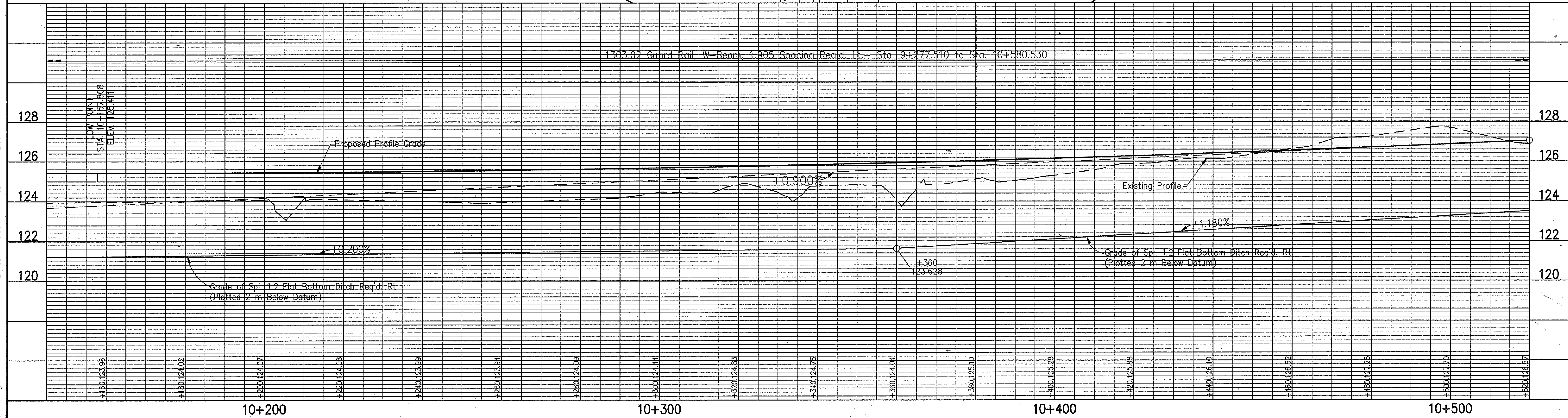
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1:500	DESIGNATION
VERTICAL SCALE	8461360
1:100	SURVEY BOOK
	43 of 89 SHEETS
CONTRACT	PROJECT
	NH-075-3()

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 04-24-03 AT 13:36
 127
 DWH



C/L ACCESS OPENING	APPROACH TYPE OR CLASS	C/L OF APPROACH
10+352.070 "A" RT.	MOD. P.R.A. TYPE B	10+350.570 "A" RT.

NOTE:
All measurement/distances are in meters unless otherwise indicated.



<p>RECOMMENDED FOR APPROVAL _____</p> <p>DESIGN ENGINEER _____ DATE _____</p> <p>DESIGNED: KAC DRAWN: RGS</p> <p>CHECKED: _____ CHECKED: KAC</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>PLAN & PROFILE LINE "A" - U.S. 231</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE</td> <td>BRIDGE FILE</td> </tr> <tr> <td>1:500</td> <td>DESIGNATION</td> </tr> <tr> <td>VERTICAL SCALE</td> <td>8461360</td> </tr> <tr> <td>1:100</td> <td>SURVEY BOOK</td> </tr> <tr> <td></td> <td>44 of 89</td> </tr> <tr> <td></td> <td>PROJECT</td> </tr> <tr> <td></td> <td>NH-075-3()</td> </tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	1:500	DESIGNATION	VERTICAL SCALE	8461360	1:100	SURVEY BOOK		44 of 89		PROJECT		NH-075-3()
HORIZONTAL SCALE	BRIDGE FILE															
1:500	DESIGNATION															
VERTICAL SCALE	8461360															
1:100	SURVEY BOOK															
	44 of 89															
	PROJECT															
	NH-075-3()															

NOTE:

All measurement/distances are in meters unless otherwise indicated.

All R/W described from Line "A" except as shown. Limited Access R/W Provision to apply where indicated.

SEC. 23, T6S, R6W
Grass Twp.
Spencer County

KENNETH & CAROL SHOURDS

Telephone Marker
10+600

+595.886,1214 Telephone Marker
+603.934,54.56 Guy Wire
+606.090,54.62 Guy Wire
+614.482,54.71 Power Pole
+623.073,20.18 610 mm Tree
+651.226,22.83 1219 mm Tree

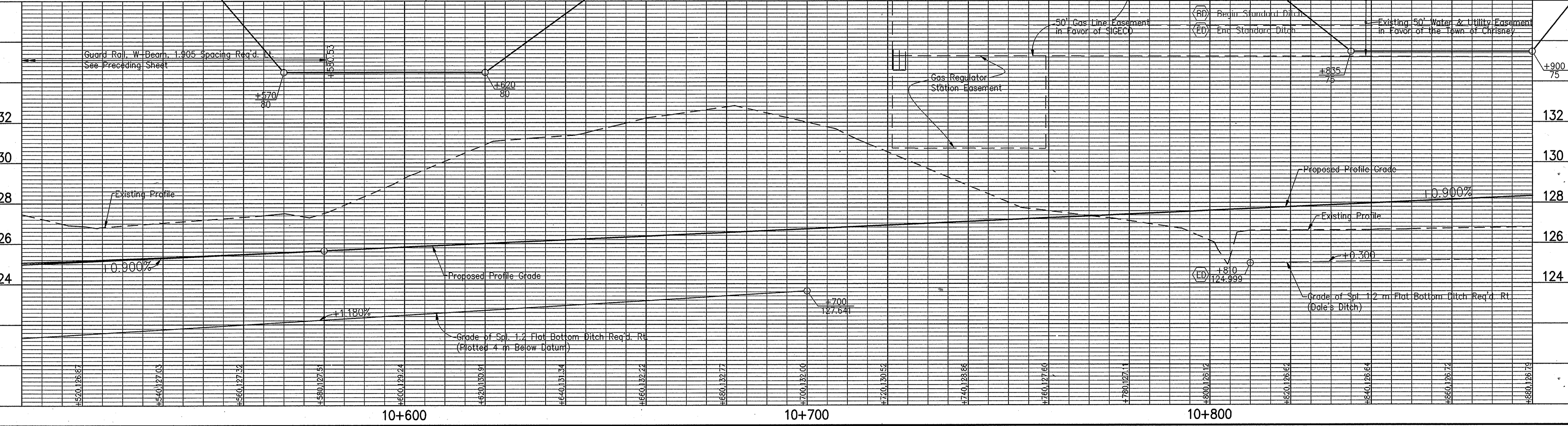
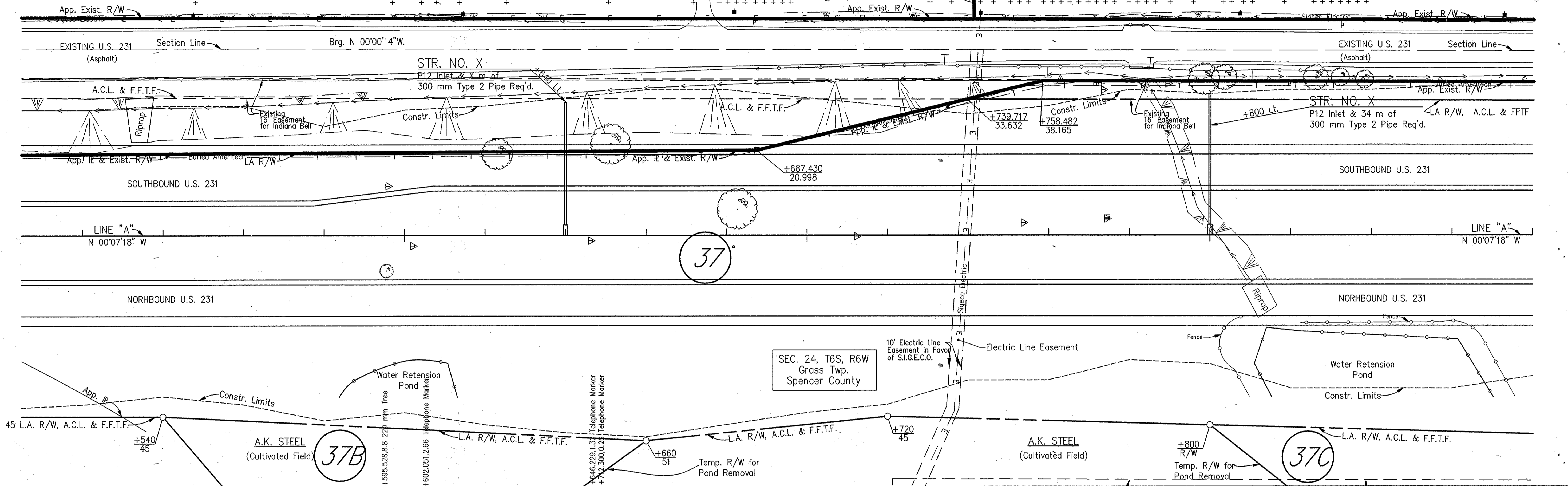
10+700

+673.789,40.85 Rural Mail Box
+681.917,55.23 Power Pole
+683.016,40.55 Road Sign
+682.726,6.58 1219 mm Tree
+683.121,41.07 Begin Fence
+683.122,41.07 Road Sign
+686.656,52.84 Road Sign
+687.534,21.21 R/W Marker
+686.674,41.32 Road Sign
+686.674,40.87 Road Sign
+712.30,0.46 Tele. Marker

10+800

+730.887,42.14 Road Sign
+736.814,52.42 Road Sign
+745.089,54.83 Power Pole
+745.810,41.56 Road Sign
+753.757,1.07 Telephone Marker
+756.309,51.77 Road Sign
+758.529,35.48 R/W Marker
+771.813,37.68 Tele. Pedestal
+773.579,35.92 Tele. Pedestal
+774.514,4.36 Tele. Pedestal
+774.426,4.09 Telephone Marker
+778.236,51.76 Crn. Headwall
+779.981,41.84 Crn. Headwall
+782.062,41.55 Road Sign
+784.878,51.83 Crn. Headwall
+785.923,41.43 Crn. Headwall
+786.001,41.09 Crn. Headwall
+788.621,37.47 Telephone Marker
+794.051,40.76 Road Sign
+796.637,36.64 610 mm Tree
+803.607,39.03 457 mm Tree
+807.526,54.72 Power Pole
+811.596,51.63 Road Sign
+811.643,40.84 Road Sign
+819.506,37.63 Road Sign
+826.293,38.95 457 mm Tree
+829.200,52.03 Road Sign
+830.152,40.52 Road Sign
+830.152,40.52 End Fence
+832.321,39.03 305 mm Tree (Db)

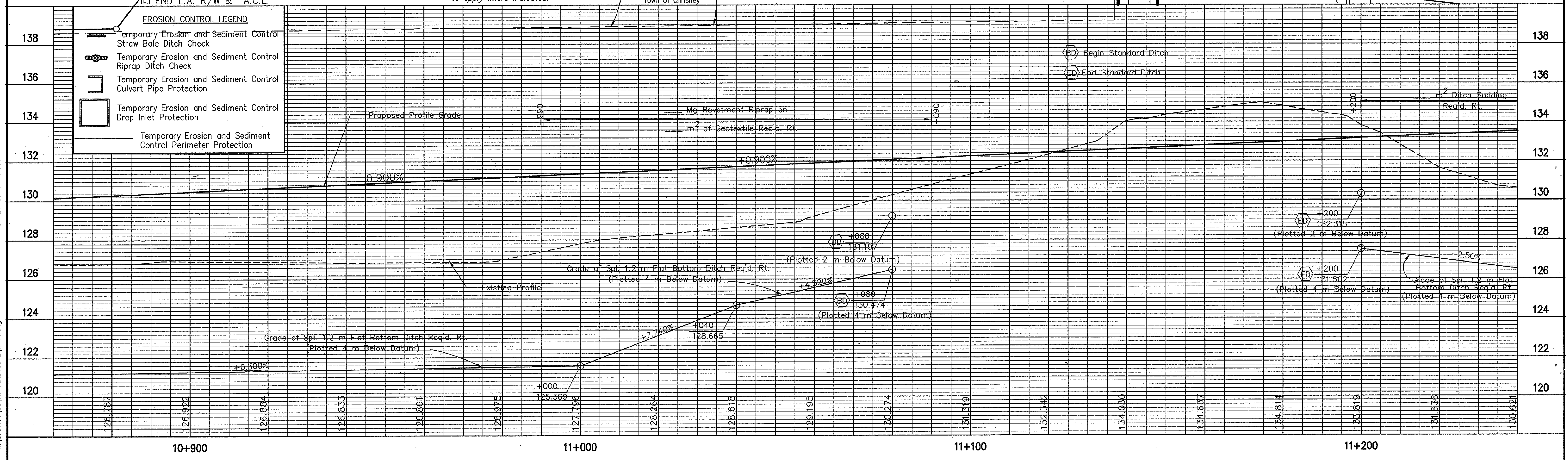
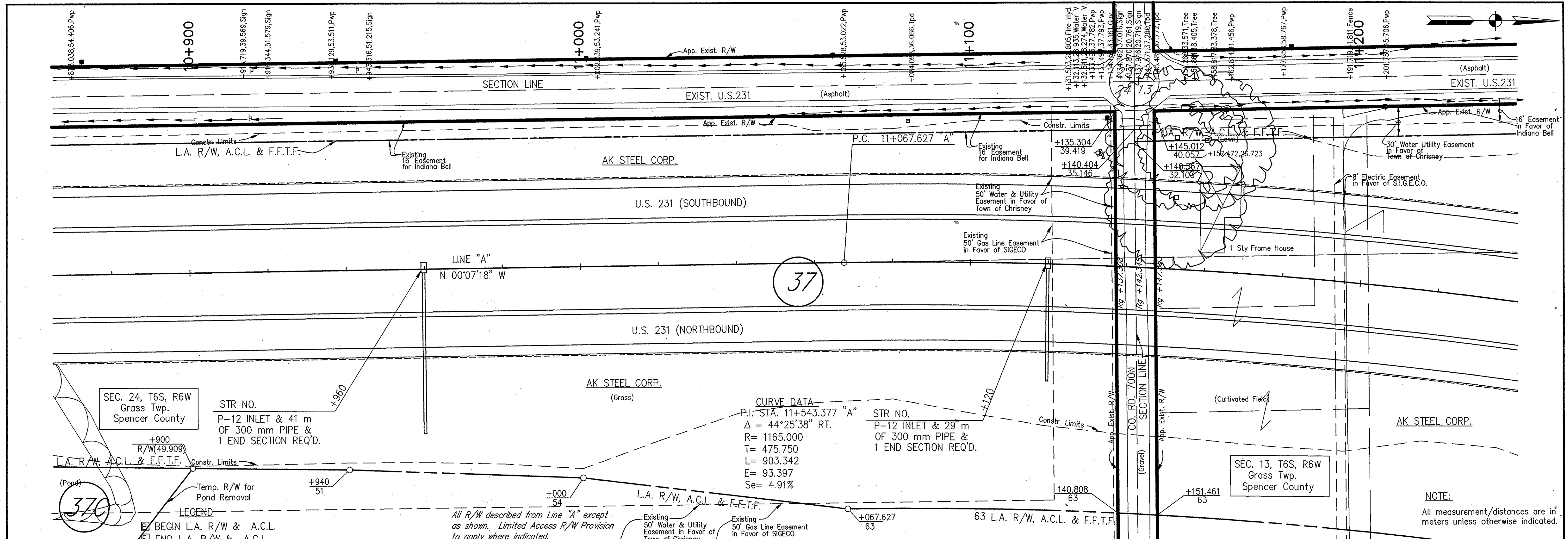
KENNETH & CAROL SHOURDS



RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
DESIGNED: KAC		DRAWN: RGS			PLAN & PROFILE		1:500	
CHECKED:		CHECKED: KAC			LINE "A" - U.S. 231		VERTICAL SCALE	DESIGNATION
							1:100	8461360
							SURVEY BOOK	SHEETS
								45 of 89
							CONTRACT	PROJECT
								NH-075-3 ()

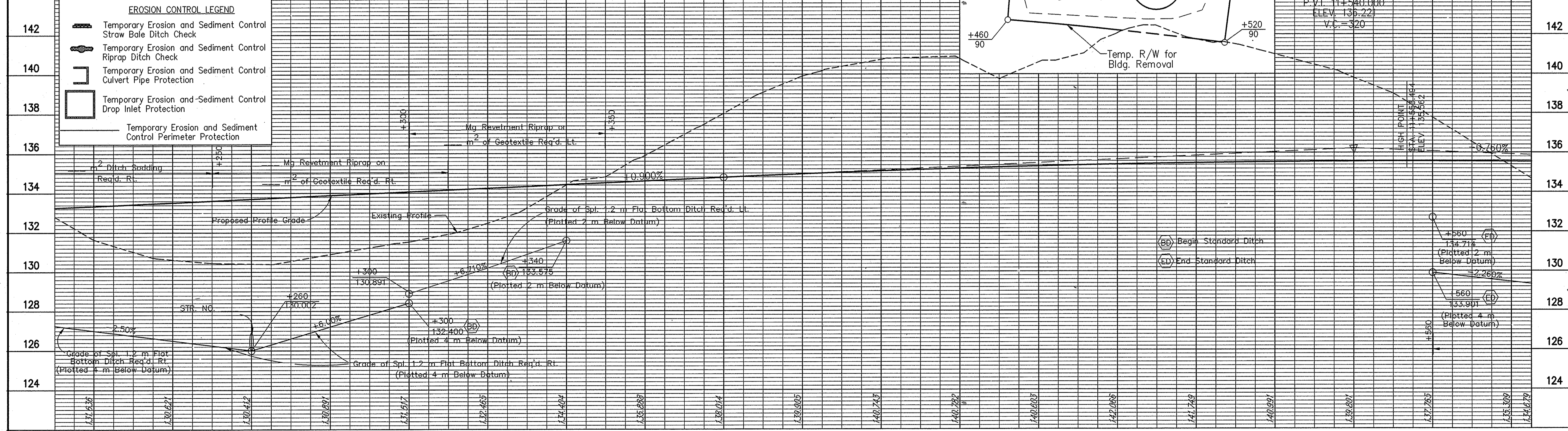
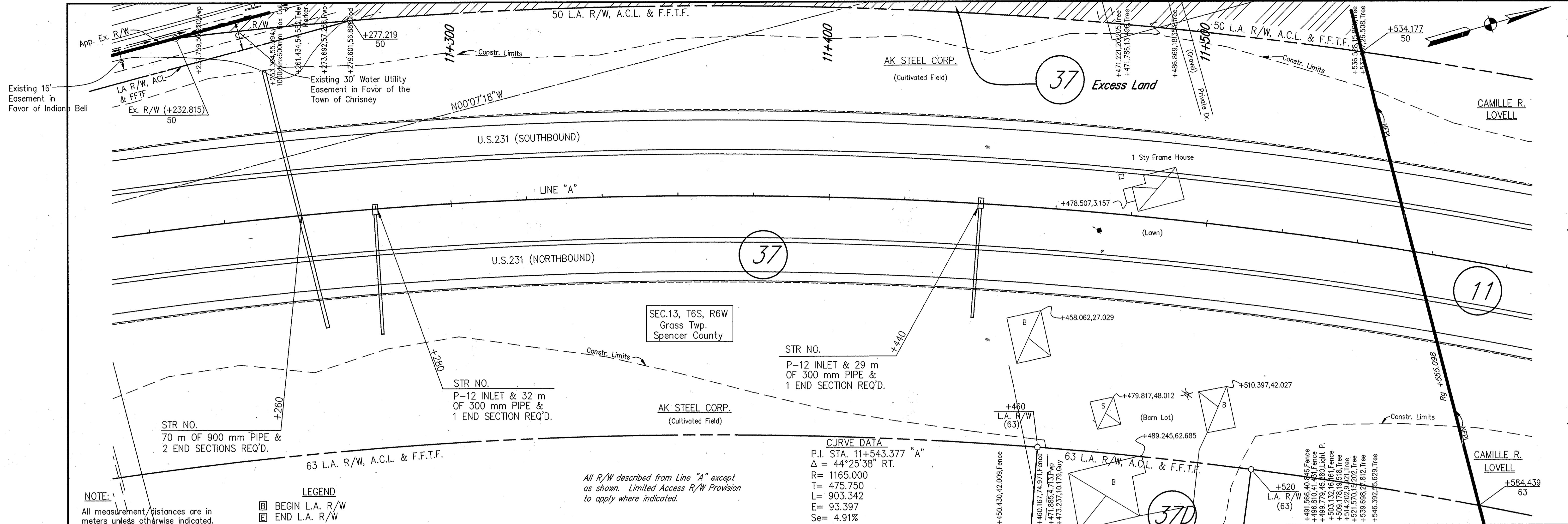
FILENAME: C:\Projects\9801_concrete\Plan&Profile\Fp21_a.dwg DATE: MAR 02, 2000 TIME: 10:49 AM OPERATOR: rgs

R: 13727.05 05 140700.00 13042 14445.dwg



04-24-03 AT 13:38
 R:\1327\05\14\1000\13042\14646.dwg
 12.7
 DWG

RECOMMENDED FOR APPROVAL			DESIGN ENGINEER		DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
DESIGNED: M.A.E.			DRAWN: R.D.S.			PLAN PROFILE LINE "A"		1:500	
CHECKED: R.D.S.			CHECKED: M.A.E.					VERTICAL SCALE	DESIGNATION
								1:100	8461360
								SURVEY BOOK	SHEETS
									46 of 89
								CONTRACT	PROJECT
									NH-075-3(014)



RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE
DESIGNED: M.A.E.	DRAWN: R.D.S.			
CHECKED: R.D.S.	CHECKED: M.A.E.			

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN PROFILE LINE "A"

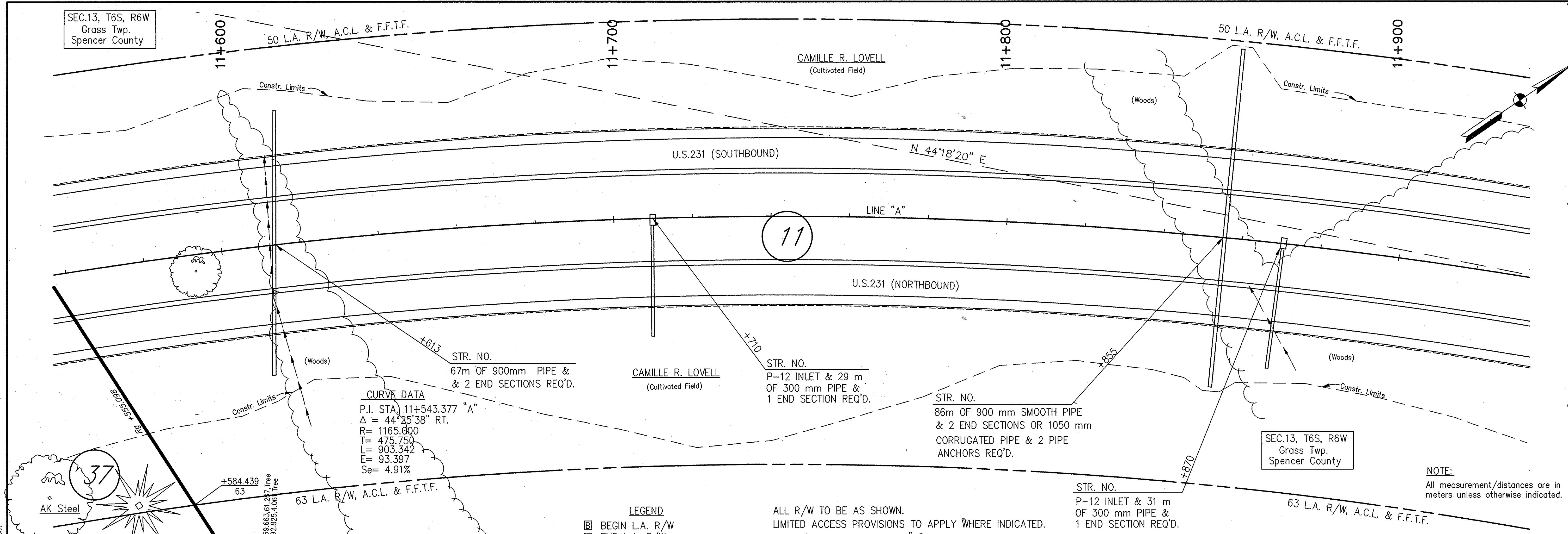
HORIZONTAL SCALE	BRIDGE FILE
1:500	
VERTICAL SCALE	DESIGNATION
1:100	8461360
SURVEY BOOK	SHEETS
	47 of 89
CONTRACT	PROJECT
	NH-075-3(014)

10-28-03 AT 16:11 12.7 DWH
 A:\J3737\08105\A0702\01_3042\1447.dwg
 Date Plotted: 10/27/03
 Plotted By: R.D.S.

SEC.13, T6S, R6W
Grass Twp.
Spencer County

50 L.A. R/W, A.C.L. & F.F.T.F.

50 L.A. R/W, A.C.L. & F.F.T.F.



CURVE DATA
 P.I. STA. 11+543.377 "A"
 $\Delta = 44^{\circ}25'38"$ RT.
 R= 1165.000
 T= 475.750
 L= 903.342
 E= 93.397
 Se= 4.91%

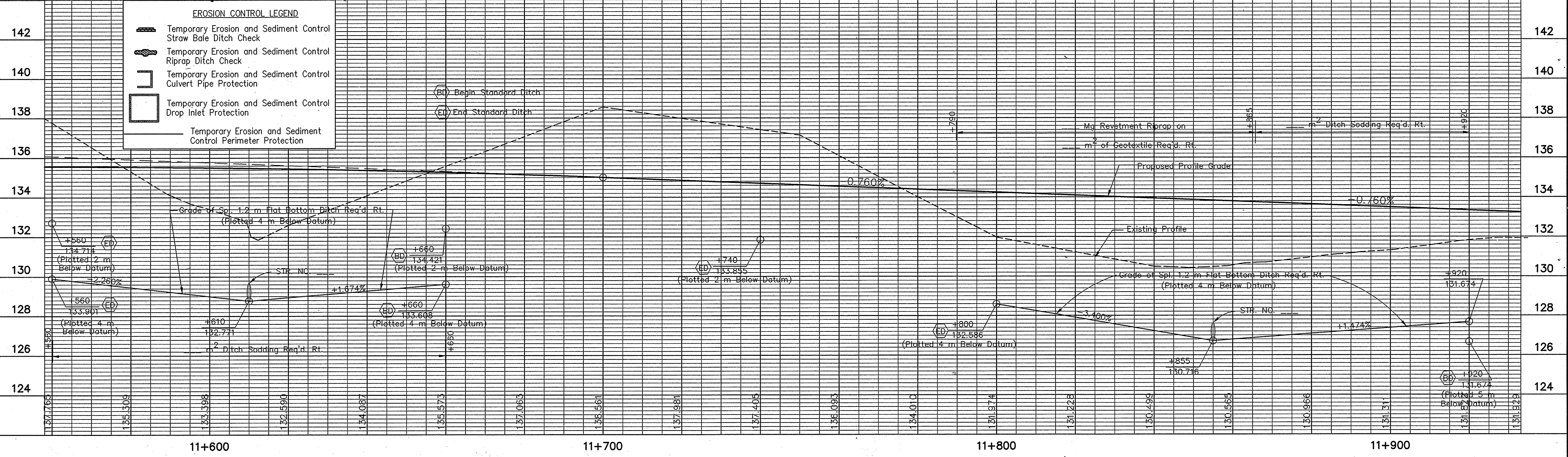
LEGEND
 [Symbol] BEGIN L.A. R/W
 [Symbol] END L.A. R/W

ALL R/W TO BE AS SHOWN.
 LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.
 ALL R/W TAKEN FROM LINE "A" UNLESS NOTED OTHERWISE.

NOTE:
 All measurement/distances are in meters unless otherwise indicated.

EROSION CONTROL LEGEND

[Symbol]	Temporary Erosion and Sediment Control Straw Bale Ditch Check
[Symbol]	Temporary Erosion and Sediment Control Riprap Ditch Check
[Symbol]	Temporary Erosion and Sediment Control Culvert Pipe Protection
[Symbol]	Temporary Erosion and Sediment Control Drop Inlet Protection
[Symbol]	Temporary Erosion and Sediment Control Perimeter Protection



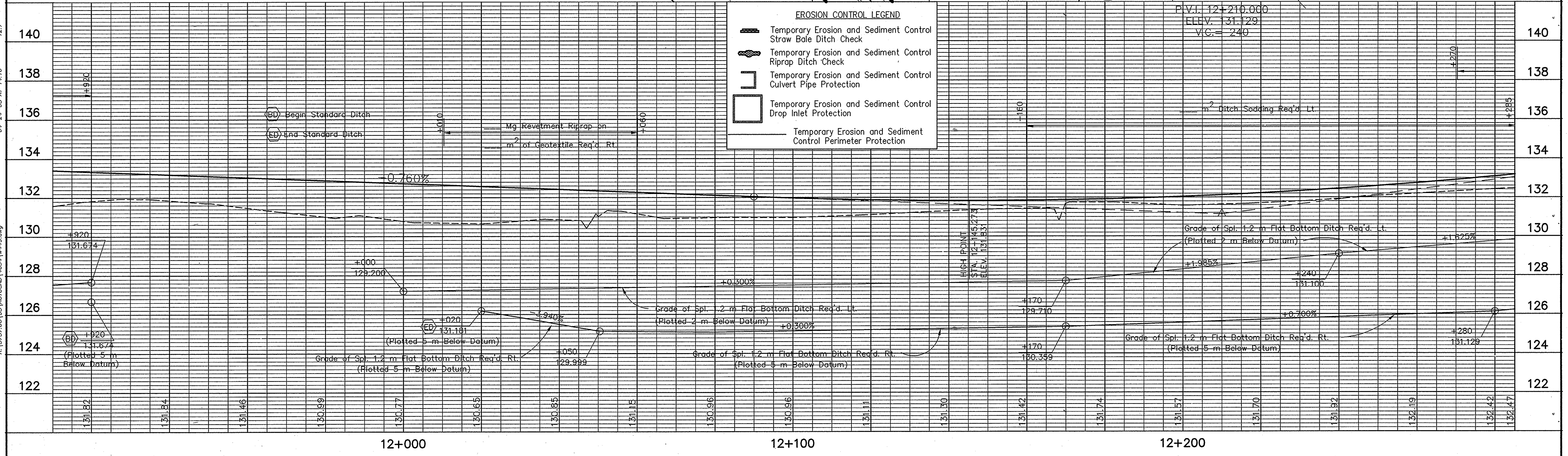
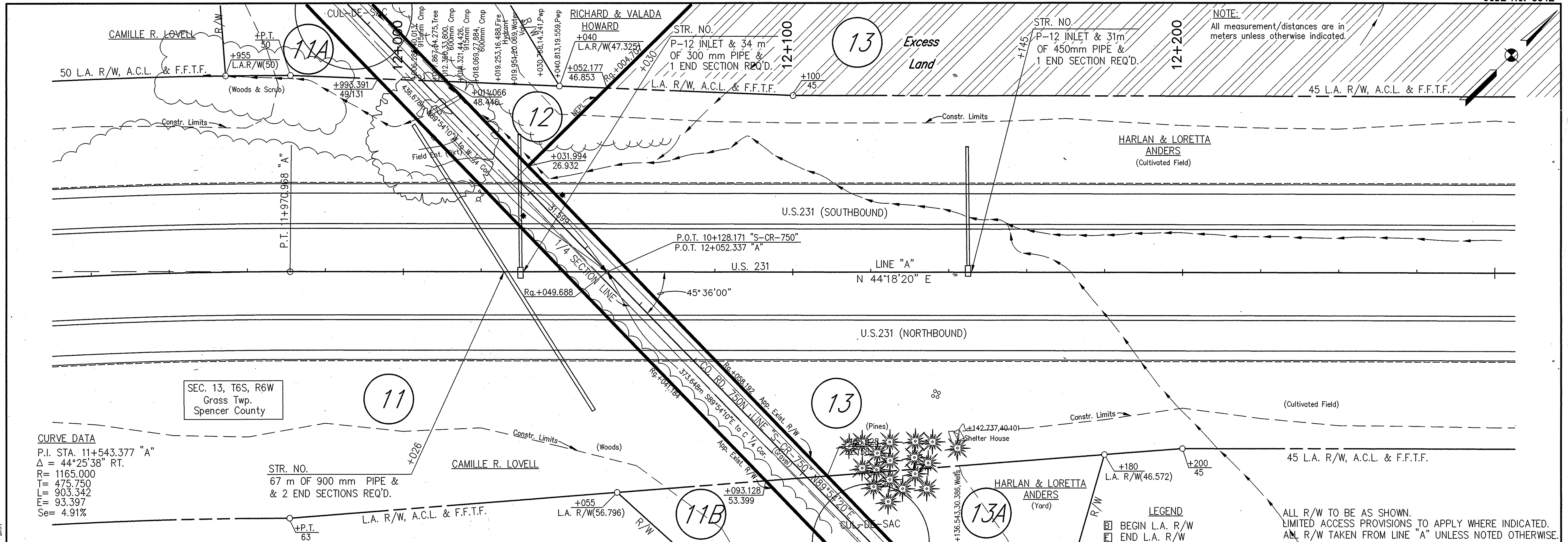
Time: 15:20:33
 Date: 4/29/1999
 Scale: 1"=100'
 Drawing File: S:\sk\PROJ\210_V\DWG\TEXTFRAME.dwg (S22)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: M.A.E.	DRAWN: R.D.S.	
CHECKED: R.D.S.	CHECKED: M.A.E.	

INDIANA DEPARTMENT OF TRANSPORTATION

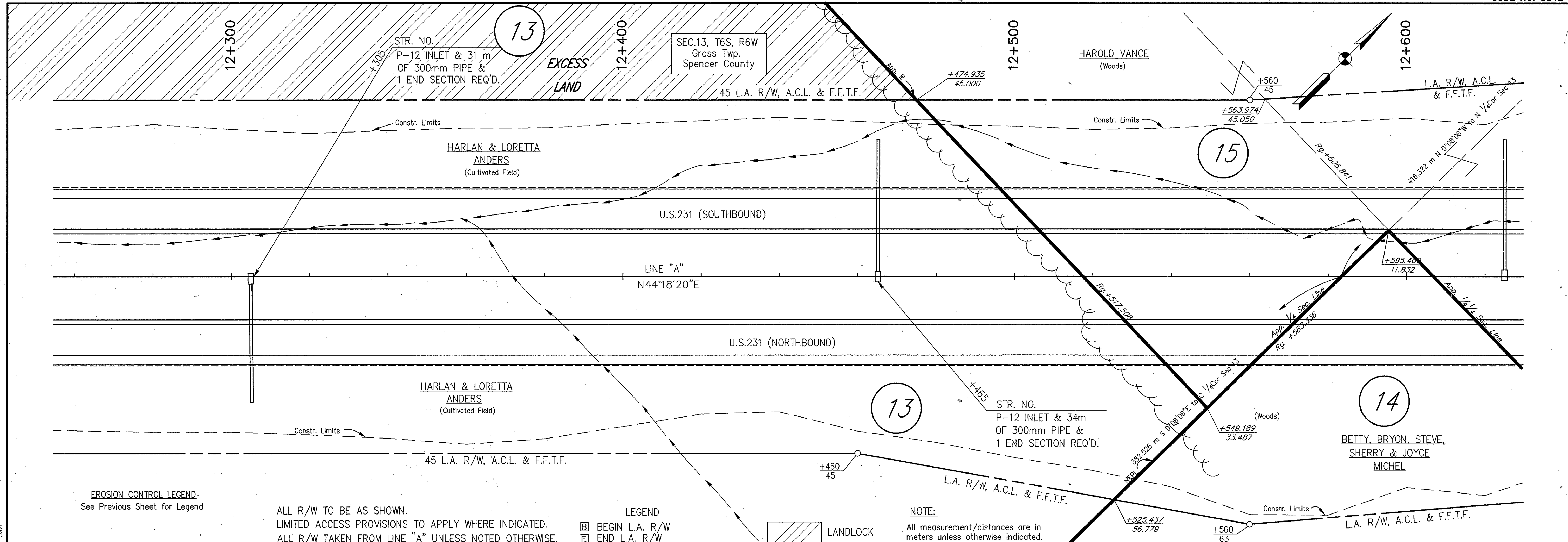
PLAN PROFILE
 LINE "A"

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 0001230
SURVEY BOOK NUMBER	SHEETS 48 of 89
CONTRACT NUMBER	PROJECT NH-075-3(014)



<p>RECOMMENDED FOR APPROVAL _____</p> <p style="text-align: center;">DESIGN ENGINEER DATE</p> <p>DESIGNED: M.A.E. DRAWN: R.D.S.</p> <p>CHECKED: R.D.S. CHECKED: M.A.E.</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>PLAN PROFILE LINE "A"</p>	<p>HORIZONTAL SCALE 1:500</p> <p>VERTICAL SCALE 1:100</p> <p>SURVEY BOOK CONTRACT</p> <p>BRIDGE FILE DESIGNATION 0001230</p> <p>SHEETS 49 of 89</p> <p>PROJECT NH-075-3(014)</p>
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File: 8-24-9
 Date: 4/27/1999
 Scale: 1"=100'
 Drawing File: S:\84\PROJ\210\DWG\TEMPR01.dwg (S22)



EROSION CONTROL LEGEND
See Previous Sheet for Legend

ALL R/W TO BE AS SHOWN.
LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.
ALL R/W TAKEN FROM LINE "A" UNLESS NOTED OTHERWISE.

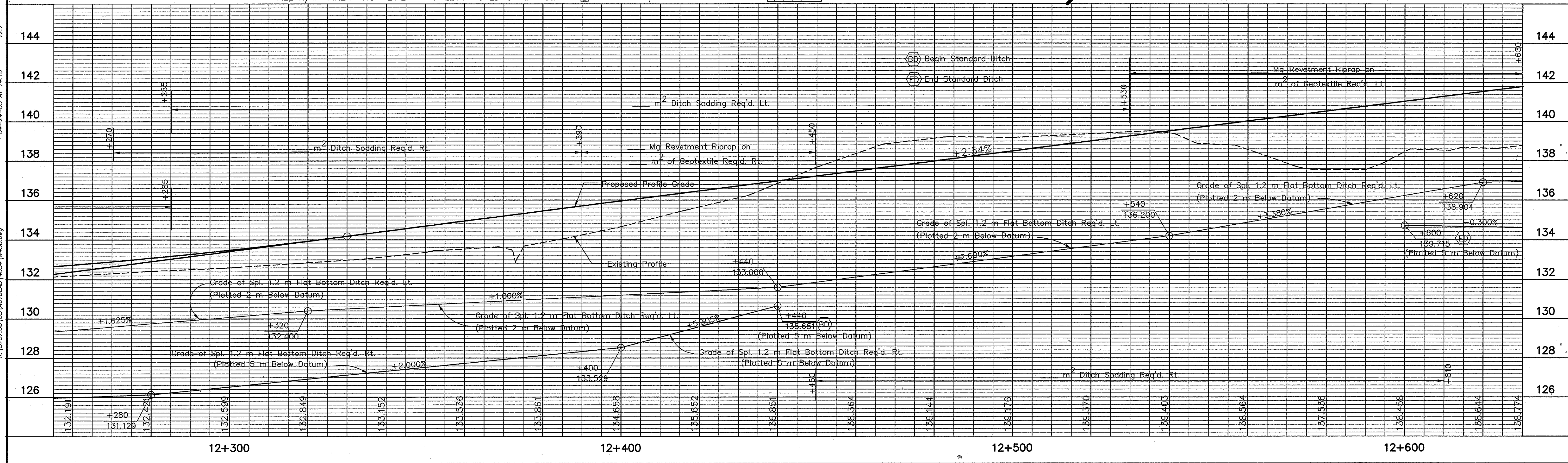
LEGEND

- ▣ BEGIN L.A. R/W
- ▣ END L.A. R/W



NOTE:

All measurement/distances are in meters unless otherwise indicated.



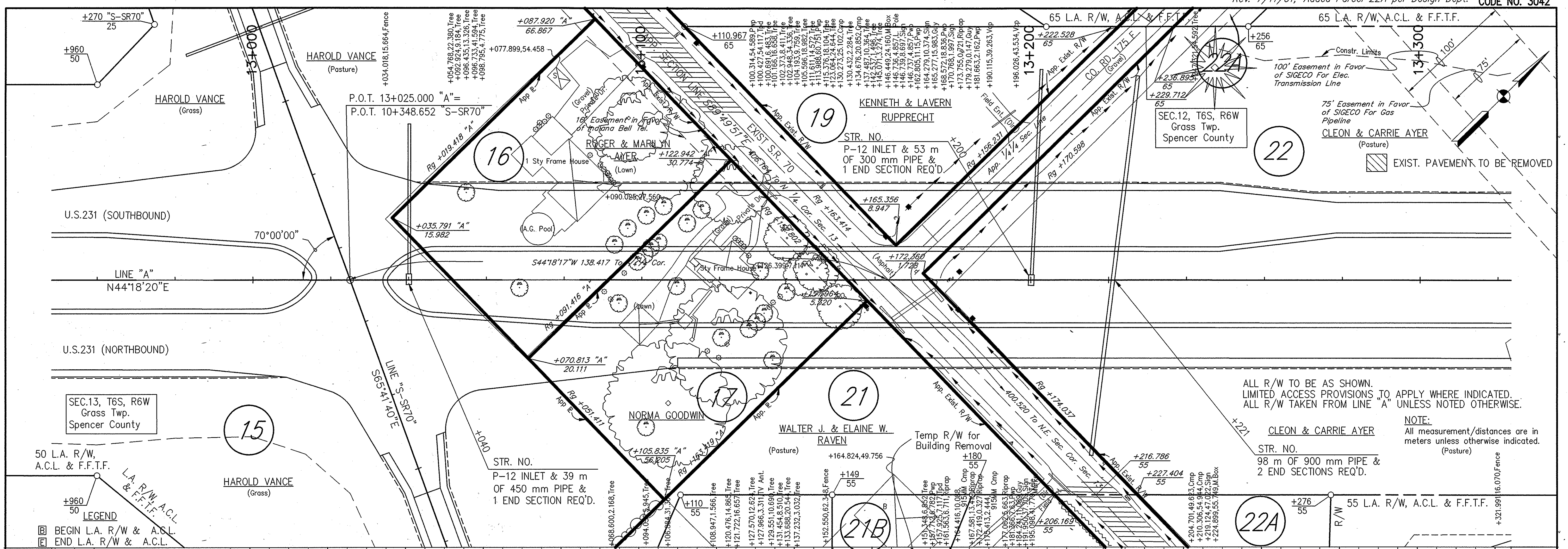
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: M.A.E.	DRAWN: R.D.S.				
CHECKED: R.D.S.	CHECKED: M.A.E.				

INDIANA DEPARTMENT OF TRANSPORTATION

PROFILE PROFILE LINE "A"

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 0001230
SURVEY BOOK	SHEETS 50 of 89
CONTRACT	PROJECT NH-075-3(014)

Time: 10:16:15
 Date: 5/6/1999
 Scale: 1"=50'
 Drawing File: S:\DWG\TEXTFRAME.dwg (522)



SEC.13, T6S, R6W
Grass Twp.
Spencer County

50 L.A. R/W,
A.C.L. & F.F.T.F.

LEGEND
 [B] BEGIN L.A. R/W & A.C.L.
 [E] END L.A. R/W & A.C.L.

P.O.T. 13+025.000 "A" =
 P.O.T. 10+348.652 "S-SR70"

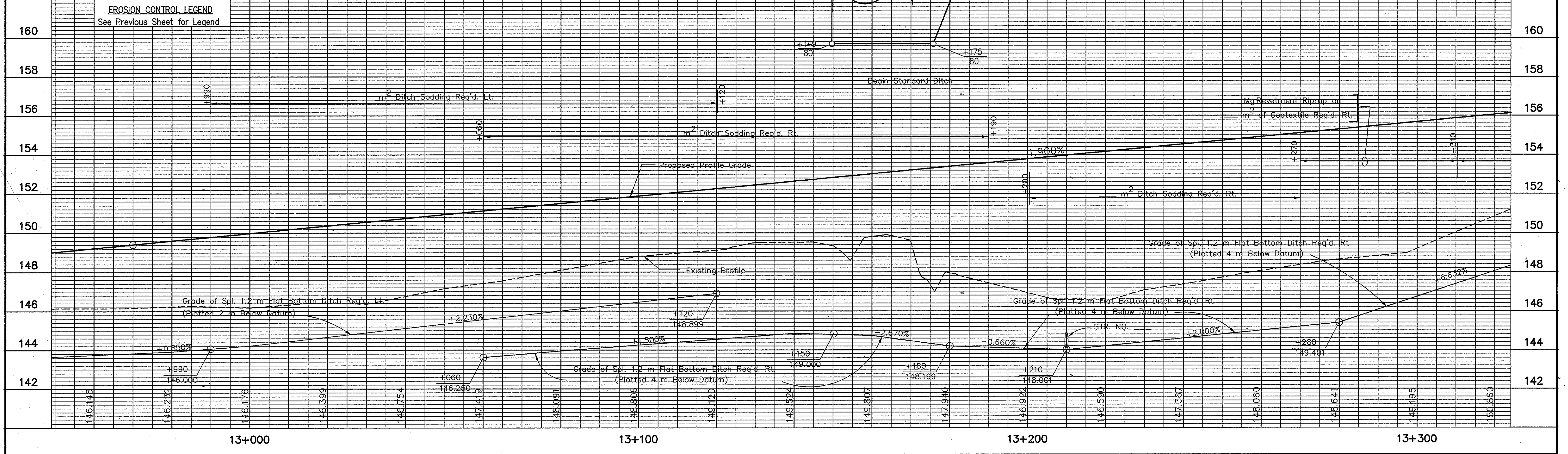
STR. NO.
 P-12 INLET & 39 m
 OF 450 mm PIPE &
 1 END SECTION REQ'D.

STR. NO.
 P-12 INLET & 53 m
 OF 300 mm PIPE &
 1 END SECTION REQ'D.

ALL R/W TO BE AS SHOWN.
 LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.
 ALL R/W TAKEN FROM LINE "A" UNLESS NOTED OTHERWISE.

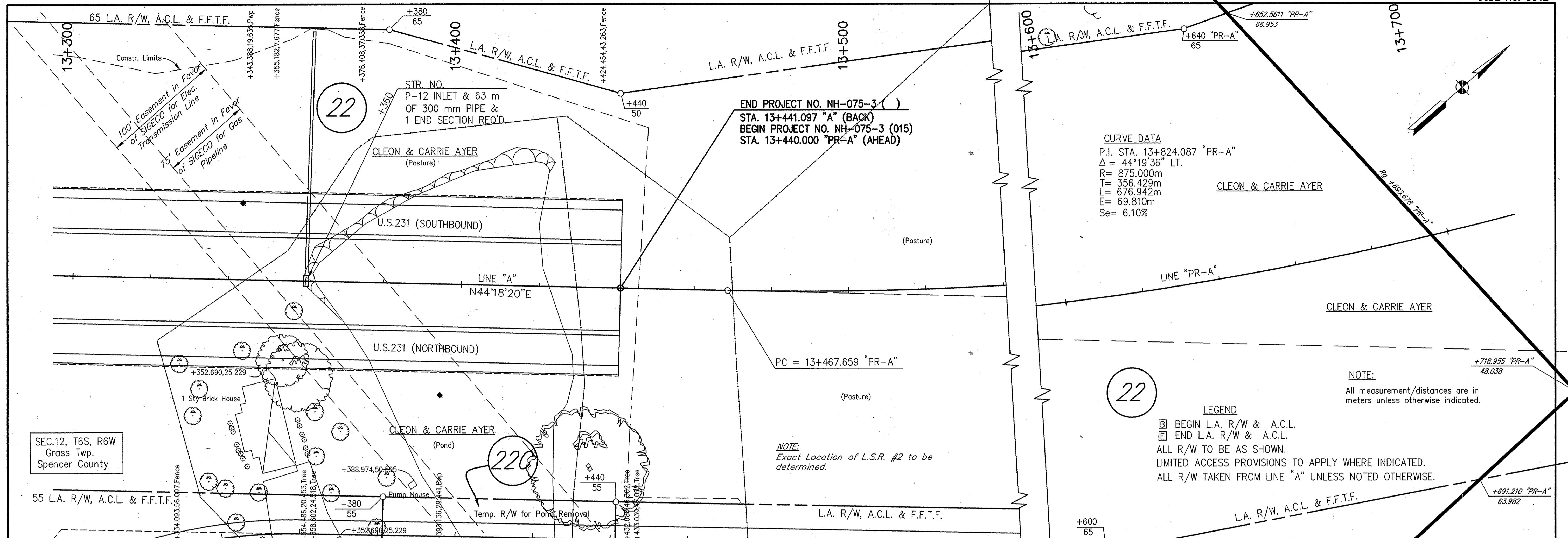
STR. NO.
 98 m OF 900 mm PIPE &
 2 END SECTIONS REQ'D.

NOTE:
 All measurement/distances are in
 meters unless otherwise indicated.



RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: M.A.E.		DRAWN: R.D.S.			
CHECKED: R.D.S.		CHECKED: M.A.E.			
INDIANA DEPARTMENT OF TRANSPORTATION PLAN PROFILE LINE "A"					
HORIZONTAL SCALE 1:500			BRIDGE FILE		
VERTICAL SCALE 1:100			DESIGNATION 0001230		
SURVEY BOOK			SHEETS 52 of 89		
CONTRACT			PROJECT NH-075-3(014)		

Time: 17:52:16
 Date: 5/21/03
 Drawing File: S:\S&A\PROJ\210\DWG\TEXTFRAME.dwg (S22)
 Plotted: 5/21/03 14:13
 R:\S217\05\05\AUTOCAD\40341\p62.dwg



CURVE DATA
 P.I. STA. 13+824.087 "PR-A"
 $\Delta = 44^\circ 19' 36''$ LT.
 R= 875.000m
 T= 356.429m
 L= 676.942m
 E= 69.810m
 Se= 6.10%

22

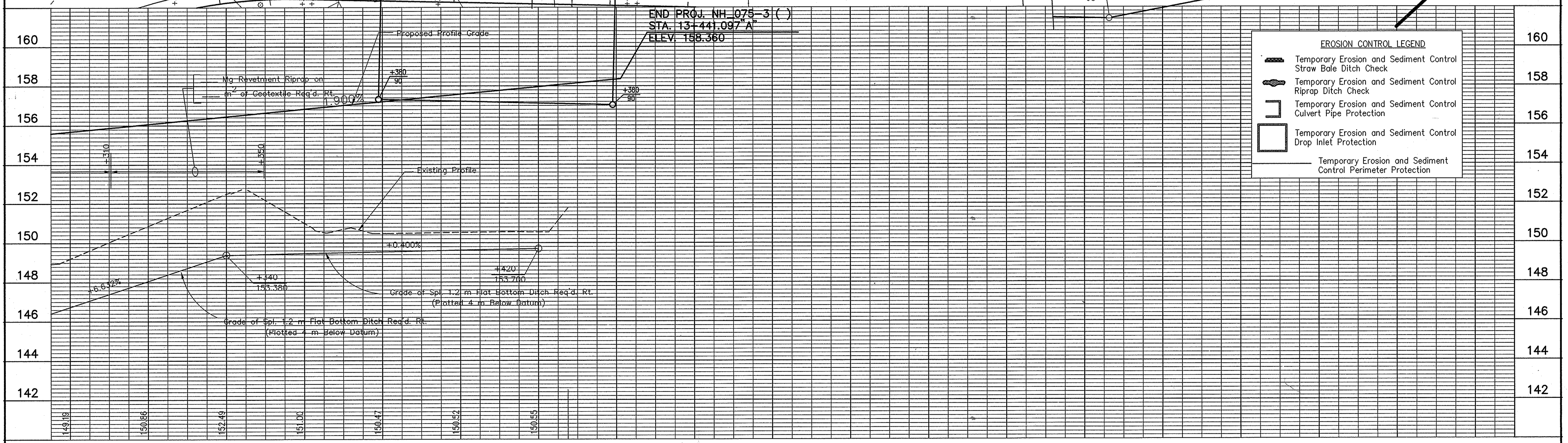
NOTE:
 All measurement/distances are in meters unless otherwise indicated.

LEGEND
 [Symbol] BEGIN L.A. R/W & A.C.L.
 [Symbol] END L.A. R/W & A.C.L.
 ALL R/W TO BE AS SHOWN.
 LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.
 ALL R/W TAKEN FROM LINE "A" UNLESS NOTED OTHERWISE.

END PROJECT NO. NH-075-3 ()
 STA. 13+441.097 "A" (BACK)
 BEGIN PROJECT NO. NH-075-3 (015)
 STA. 13+440.000 "PR-A" (AHEAD)

NOTE:
 Exact Location of L.S.R. #2 to be determined.

SEC. 12, T6S, R6W
 Grass Twp.
 Spencer County



EROSION CONTROL LEGEND

- [Symbol] Temporary Erosion and Sediment Control Straw Bale Ditch Check
- [Symbol] Temporary Erosion and Sediment Control Riprap Ditch Check
- [Symbol] Temporary Erosion and Sediment Control Culvert Pipe Protection
- [Symbol] Temporary Erosion and Sediment Control Drop Inlet Protection
- [Symbol] Temporary Erosion and Sediment Control Perimeter Protection

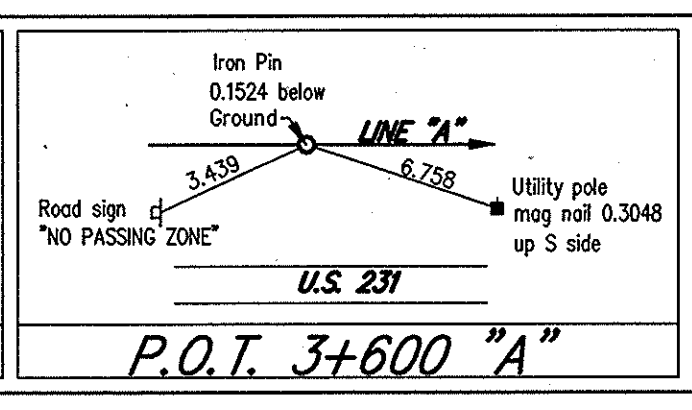
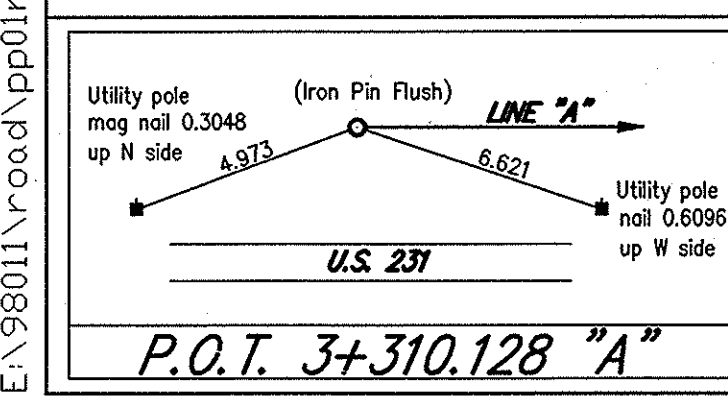
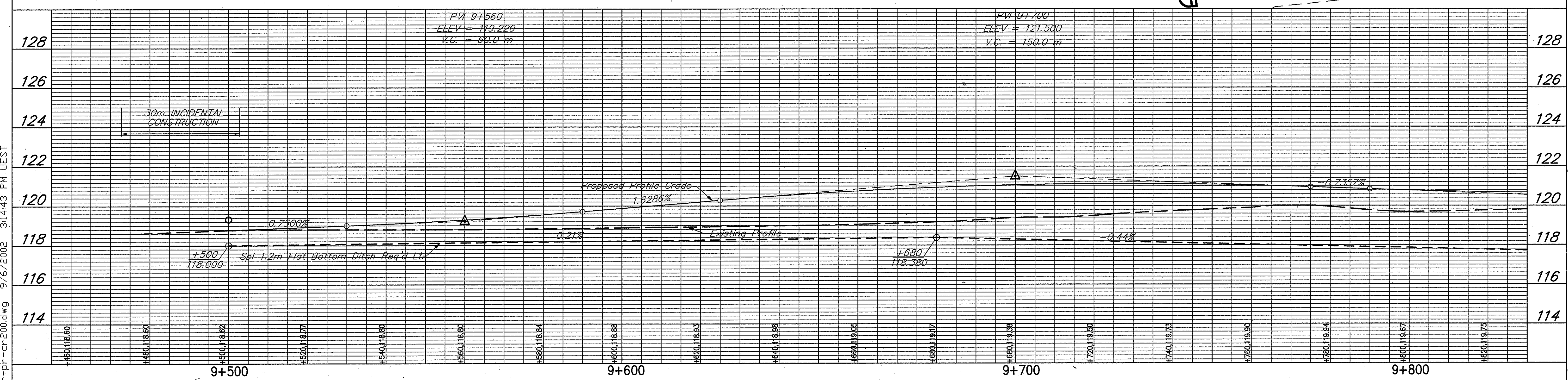
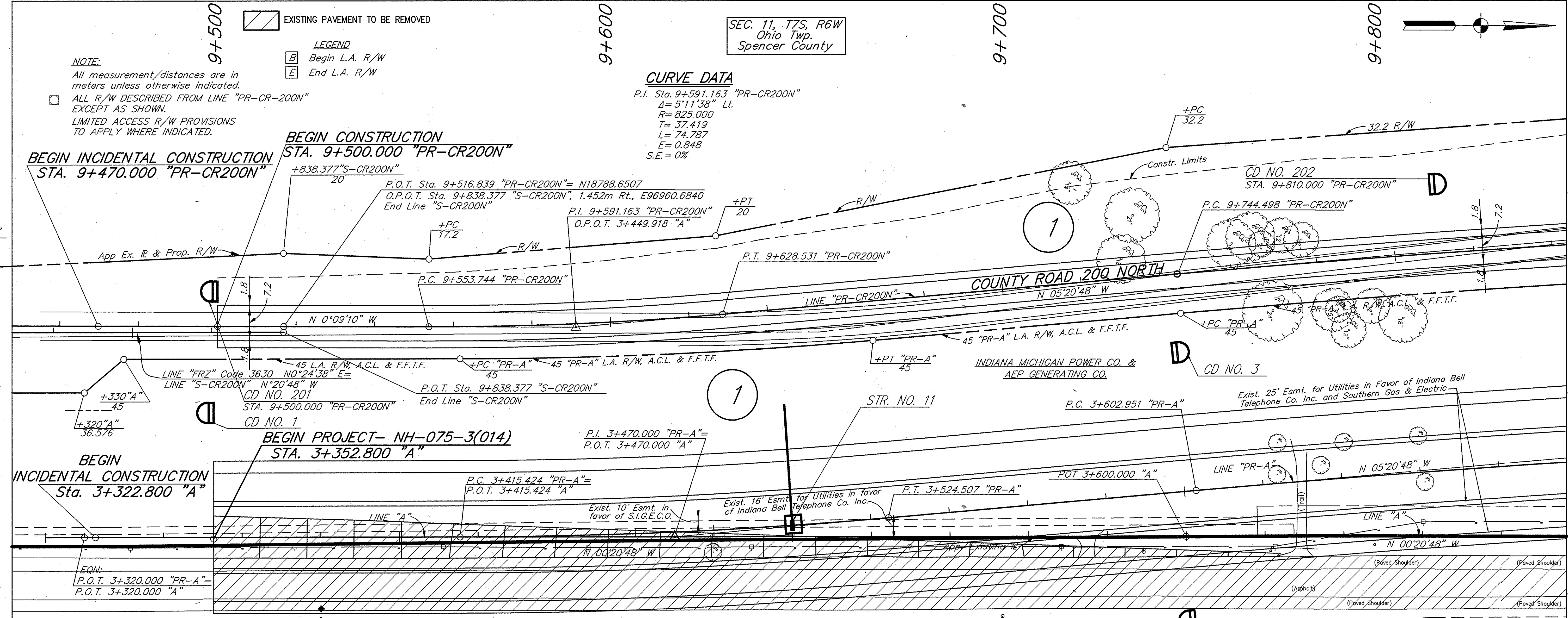
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: M.A.E.	DRAWN: R.D.S.	
CHECKED: R.D.S.	CHECKED: M.A.E.	

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN PROFILE
 LINE "A"

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 0001230
SURVEY BOOK	SHEETS 53 of 89
CONTRACT	PROJECT NH-075-3(014)

Date: 8/24/99
 Scale: 1/2" = 10'
 Drawing File: S:\A\PROJ\210_0\DWG\TEXTFRAME.dwg (S22)
 R: 1/27/99 05:40:00 14034 14453.dwg
 01-24-03 AT 14:15
 DWG



RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____

DESIGNED: KAC DRAWN: RGS

CHECKED: AJD CHECKED: KAC

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE LINE "PR-CR200N"

HORIZONTAL SCALE	FILE
1:500	3737.06
VERTICAL SCALE	DESIGNATION
1:100	8461360
SURVEY BOOK	SHEET
CONTRACT	54 of 89
	PROJECT
	NH-075-3(014)

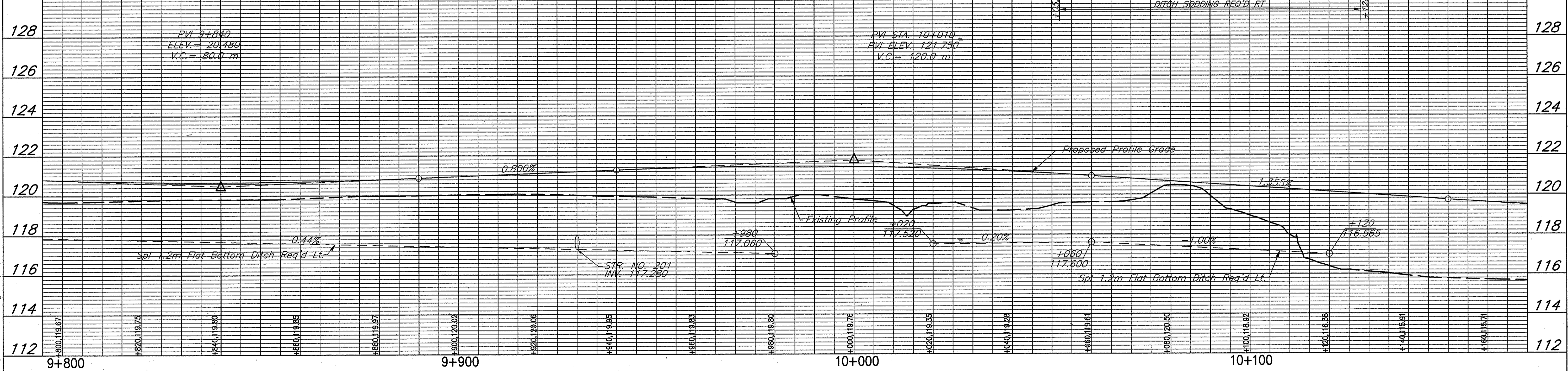
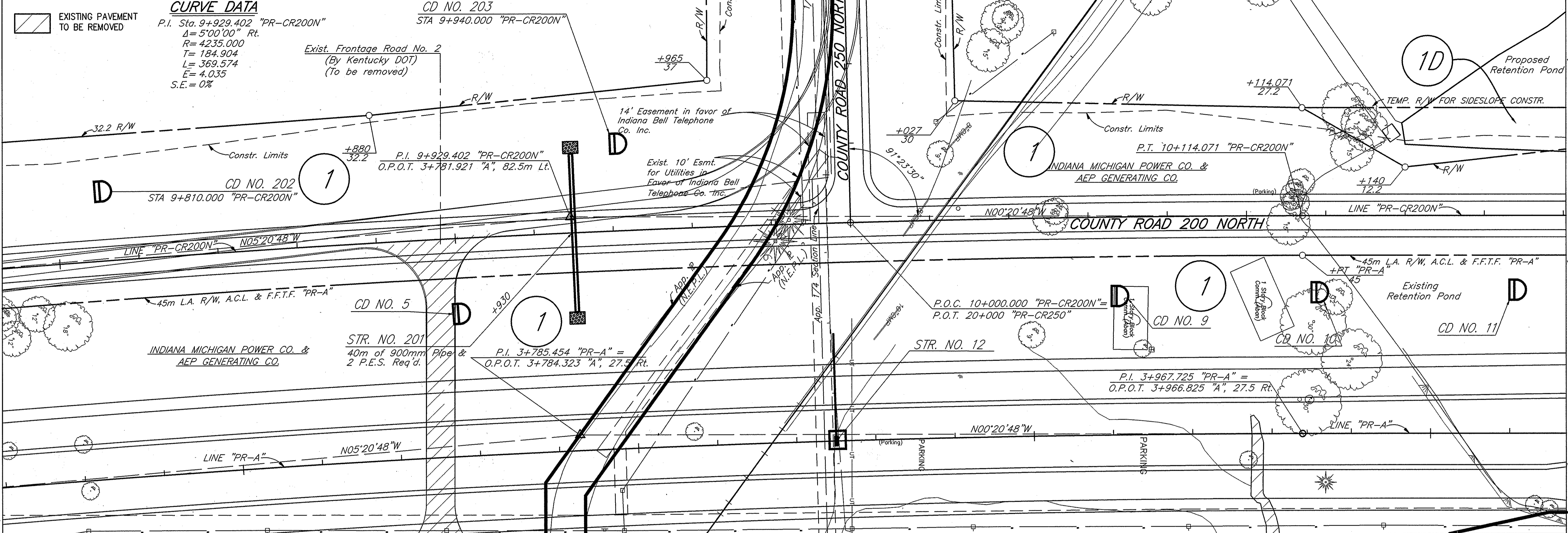
E:\98011\road\pp01r-pr-cr200.dwg - 9/16/2002 - 3:14:43

A:\3737.06\105\AU\ROAD\FROM\CEA\1454-pp01r-pr-cr200.dwg 04-23-03 AT 15:5
E:\98011\road\pp01r-pr-cr200.dwg 9/16/2002 3:14:43 PM UEST

BFS NO. 3737.0605

NOTE:
 All measurement/distances are in meters unless otherwise indicated.
 ALL R/W DESCRIBED FROM LINE "PR-CR200N"
 EXCEPT AS SHOWN.
 LIMITED ACCESS R/W PROVISIONS TO APPLY WHERE INDICATED.

SEC. 11, T7S, R6W
 Ohio Twp.
 Spencer County



R:\3237.06\105\W\0202\PR-CR200N.dwg 04-26-03 AT 07:45
 E:\98011\road\pp02-pr-cr200.dwg 9/6/2002 3:17:56 PM JEST
 D:\1

E:\98011\road\pp02-pr-cr200 - 9/6/2002 - 3:17:56

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: KAC	DRAWN: JRG	
CHECKED: AJD	CHECKED: KAC	

INDIANA DEPARTMENT OF TRANSPORTATION
PLAN & PROFILE
LINE "PR-CR200N"

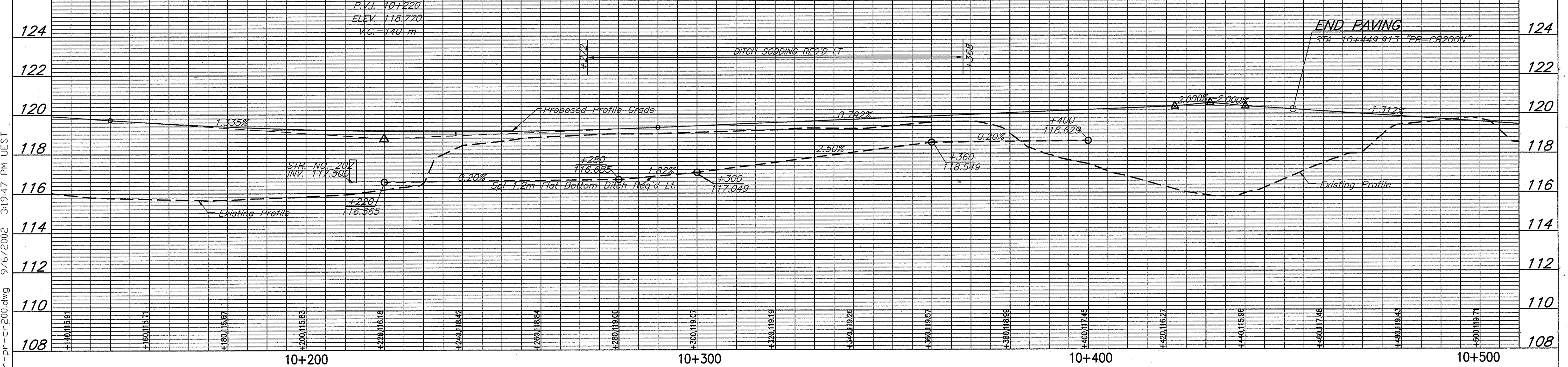
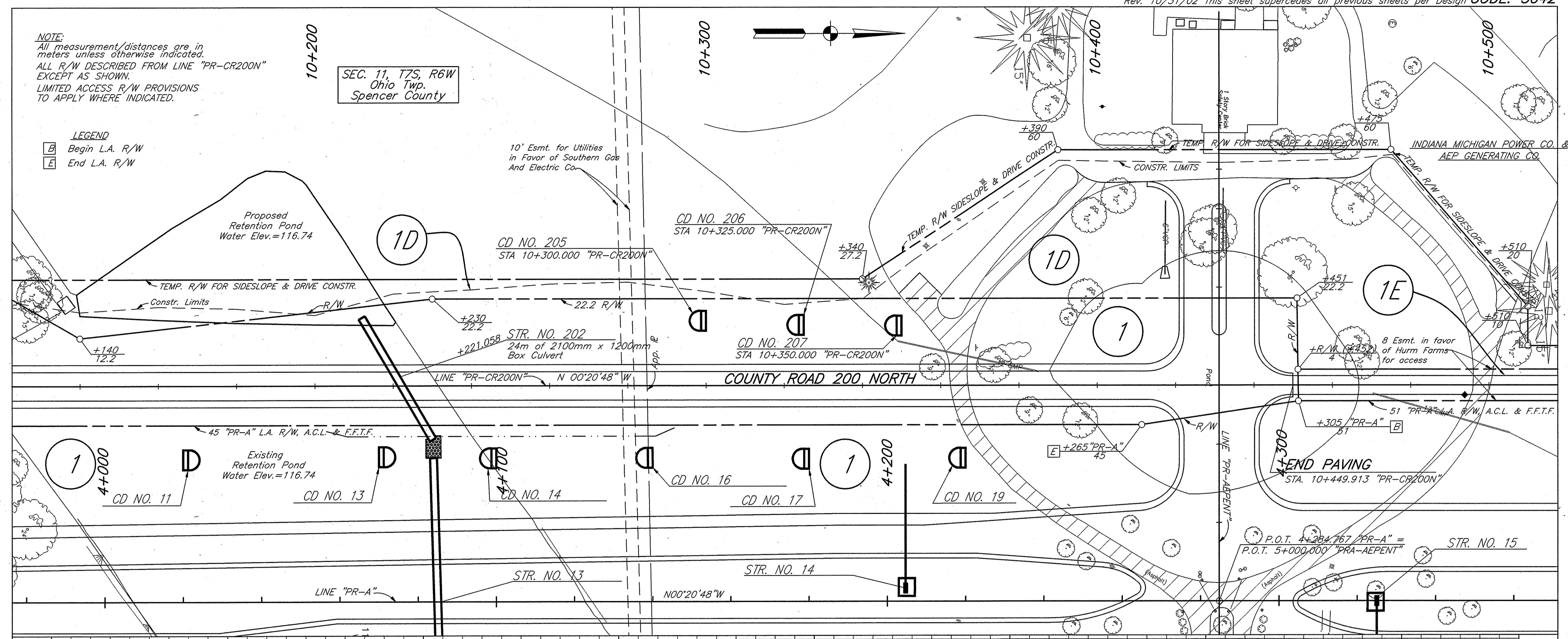
HORIZONTAL SCALE	FILE
1:500	3737.06
VERTICAL SCALE	DESIGNATION
1:100	8461380
SURVEY BOOK	SHEET
	55 of 89
CONTRACT	PROJECT
	NH-075-3(014)

B.S. NO. 3737.0605

NOTE:
 All measurement/distances are in meters unless otherwise indicated.
 ALL R/W DESCRIBED FROM LINE "PR-CR200N"
 EXCEPT AS SHOWN.
 LIMITED ACCESS R/W PROVISIONS TO APPLY WHERE INDICATED.

LEGEND
 [B] Begin L.A. R/W
 [E] End L.A. R/W

SEC. 11, T7S, R6W
 Ohio Twp.
 Spencer County



A:\3232.08\09\10\0000\ROAD\051\456-pp03-pr-cr200.dwg 04-23-03 AT 16:05 12.7 DWH
 E:\98011\road\pp03-pr-cr200.dwg 9/6/2002 3:19:47 PM UEST

E:\98011\road\pp03-pr-cr200 - 9/6/2002 - 3:19:47

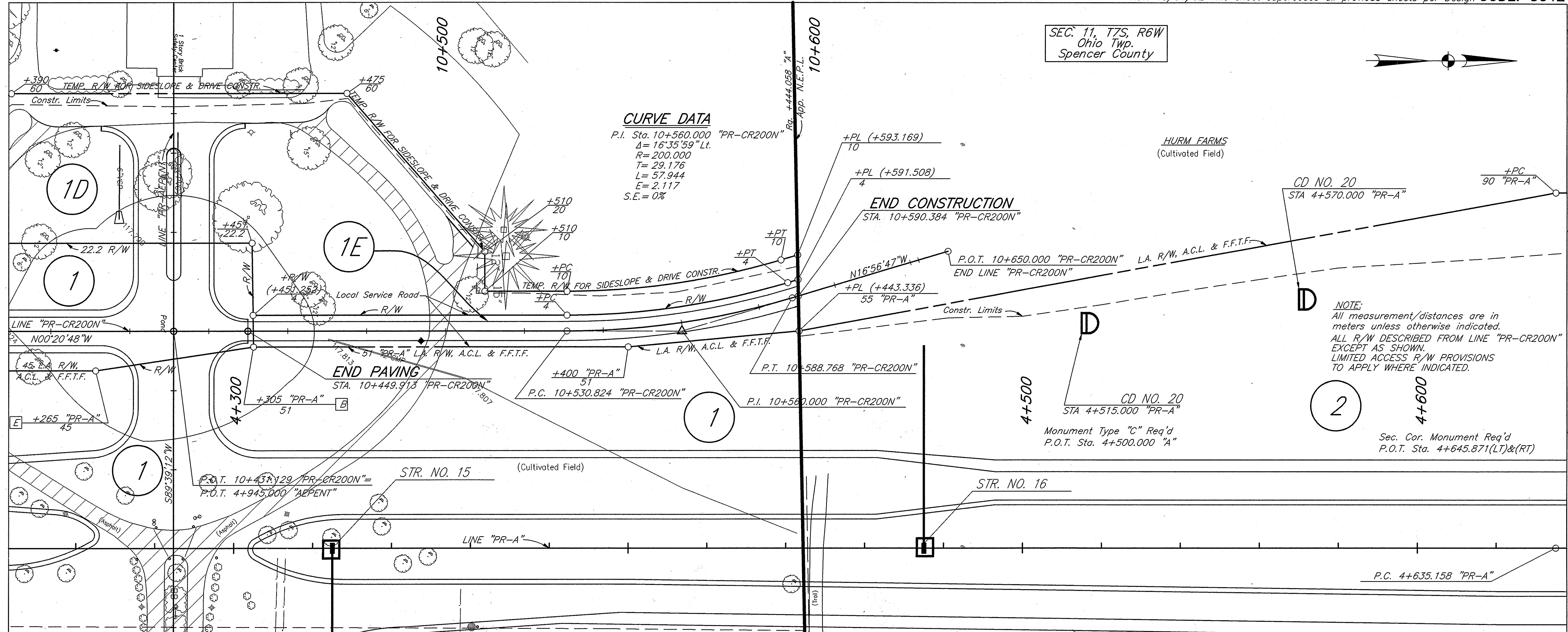
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: KAC	DRAWN: JRG	
CHECKED: AJD	CHECKED: KAC	

INDIANA DEPARTMENT OF TRANSPORTATION
PLAN & PROFILE
LINE "PR-CR200N"

HORIZONTAL SCALE	FILE
1:500	3737.06
VERTICAL SCALE	DESIGNATION
1:100	8461380
SURVEY BOOK	SHEET
	56 of 89
CONTRACT	PROJECT
	NH-075-3(014)

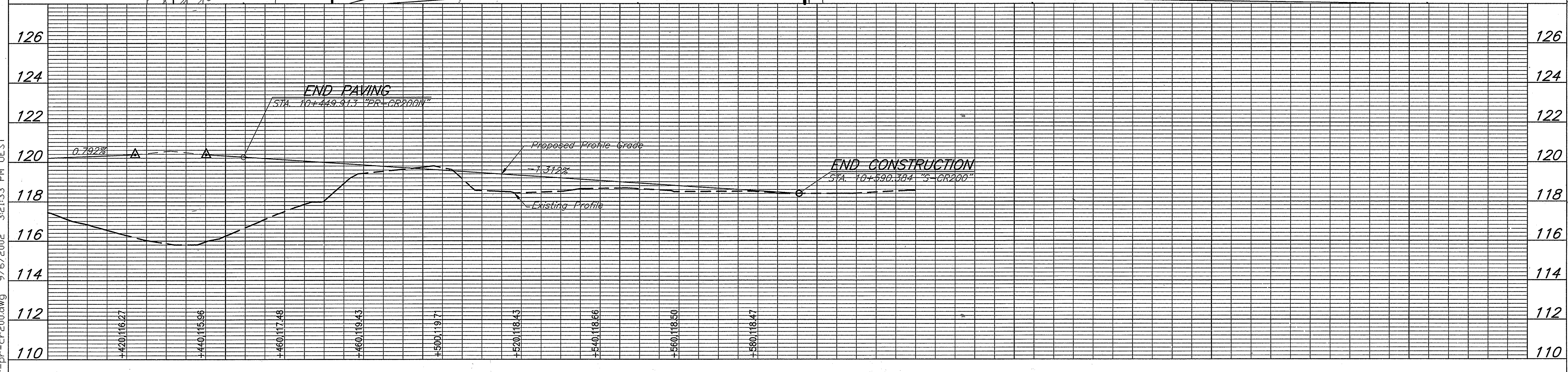
BSS NO. 3737.0630

SEC. 11, T7S, R6W
 Ohio Twp.
 Spencer County



CURVE DATA
 P.I. Sta. 10+560.000 "PR-CR200N"
 $\Delta = 16^{\circ}35'59"$ Lt.
 $R = 200.000$
 $T = 29.176$
 $L = 57.944$
 $E = 2.117$
 $S.E. = 0\%$

NOTE:
 All measurement/distances are in meters unless otherwise indicated.
 ALL R/W DESCRIBED FROM LINE "PR-CR200N"
 EXCEPT AS SHOWN.
 LIMITED ACCESS R/W PROVISIONS TO APPLY WHERE INDICATED.



12.7
 08-15-03 AT 10:25
 9/6/2002 3:21:33 PM JEST
 D:\98011\road\pp04-pr-cr200.dwg
 E:\98011\road\pp04-pr-cr200.dwg
 9/6/2002 3:21:33 PM JEST

E:\98011\road\pp04-pr-cr200 - 9/6/2002 - 3:21:33

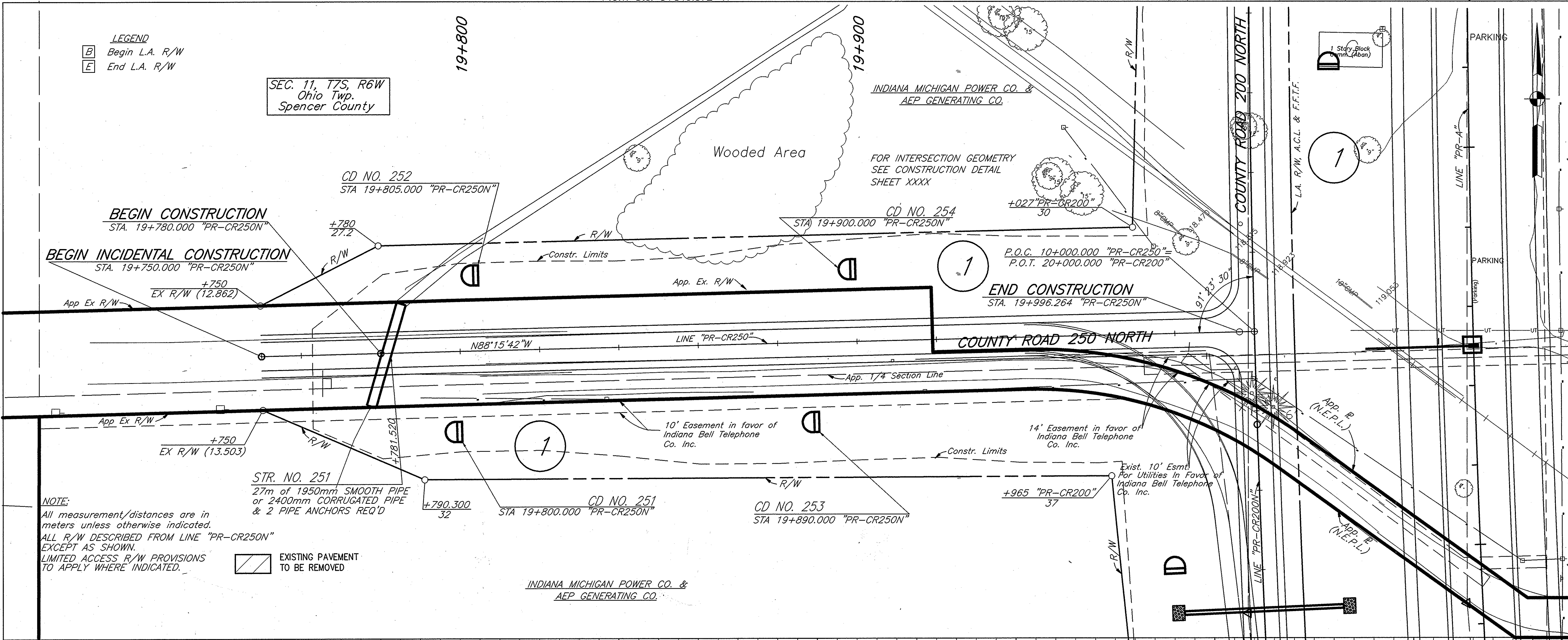
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: KAC	DRAWN: JRG	
CHECKED: AJD	CHECKED: KAC	

INDIANA
 DEPARTMENT OF TRANSPORTATION

**CONSTRUCTION DETAIL
 CLASS V DRIVE**

HORIZONTAL SCALE	FILE
1:500	3737.06
VERTICAL SCALE	DESIGNATION
1:100	8461380
SURVEY BOOK	SHEET
	57 of 89
CONTRACT	PROJECT
	NH-075-3(014)

BFS NO. 3737.0605



LEGEND
 B Begin L.A. R/W
 E End L.A. R/W

SEC. 11, T7S, R6W
Ohio Twp.
Spencer County

BEGIN CONSTRUCTION
STA. 19+780.000 "PR-CR250N"

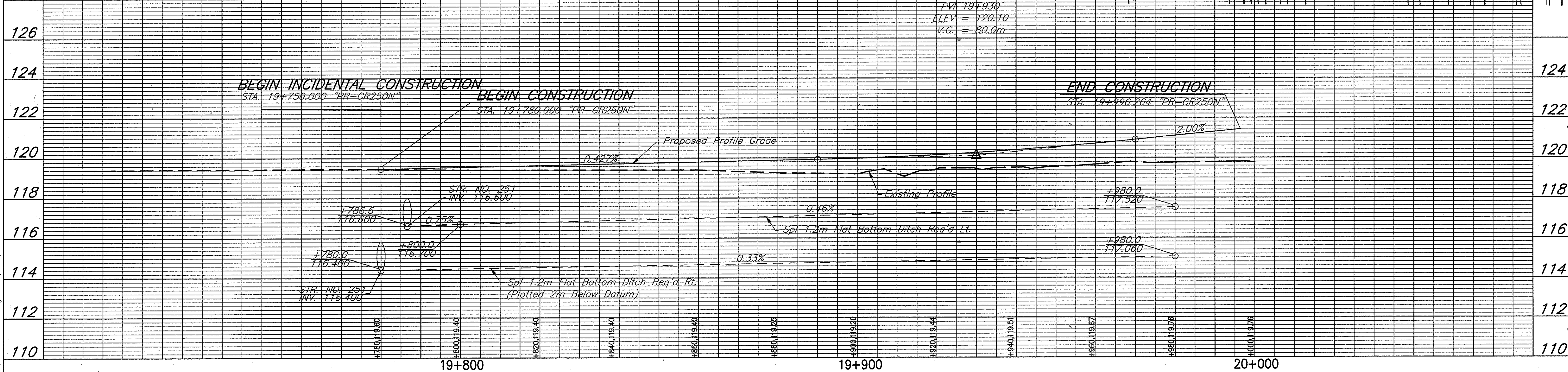
BEGIN INCIDENTAL CONSTRUCTION
STA. 19+750.000 "PR-CR250N"

END CONSTRUCTION
STA. 19+996.264 "PR-CR250N"

NOTE:
 All measurement/distances are in meters unless otherwise indicated.
 ALL R/W DESCRIBED FROM LINE "PR-CR250N" EXCEPT AS SHOWN.
 LIMITED ACCESS R/W PROVISIONS TO APPLY WHERE INDICATED.

EXISTING PAVEMENT TO BE REMOVED

INDIANA MICHIGAN POWER CO. & AEP GENERATING CO.



E:\98011\Wood\p01r-pr-cr250.dwg - SEPT 05 2002 - 11:19:31
 09/05/2002 11:21:11 AM UEST
 12.7
 104-25-03 AT 15:53
 14-25-03 AT 15:53
 E:\98011\Wood\p01r-pr-cr250.dwg
 09/05/2002 11:21:11 AM UEST

E:\98011\Wood\p01r-pr-cr250.dwg - SEPT 05 2002 - 11:19:31

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: KAC	DRAWN: JRG	
CHECKED: AJD	CHECKED: KAC	

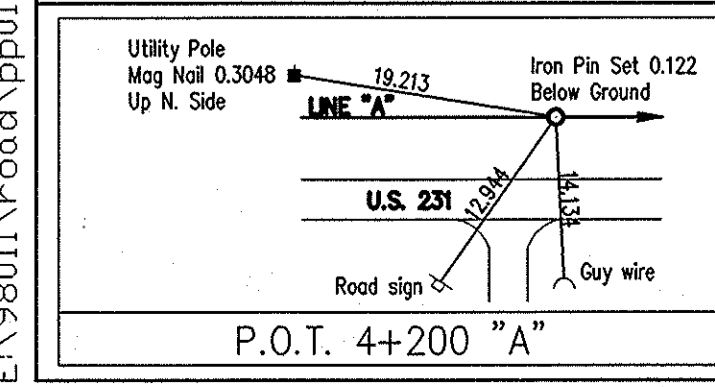
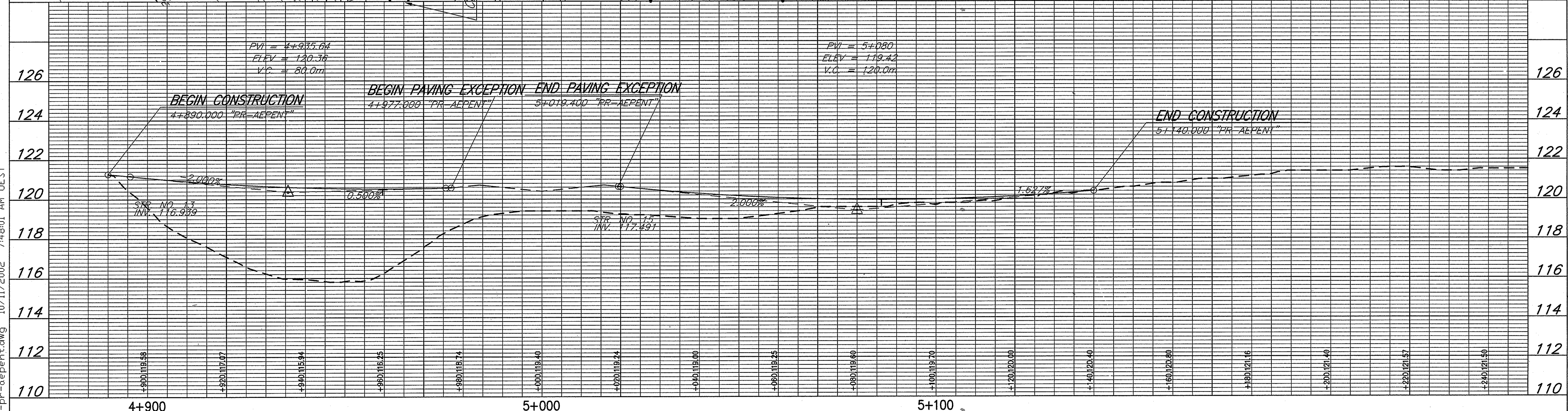
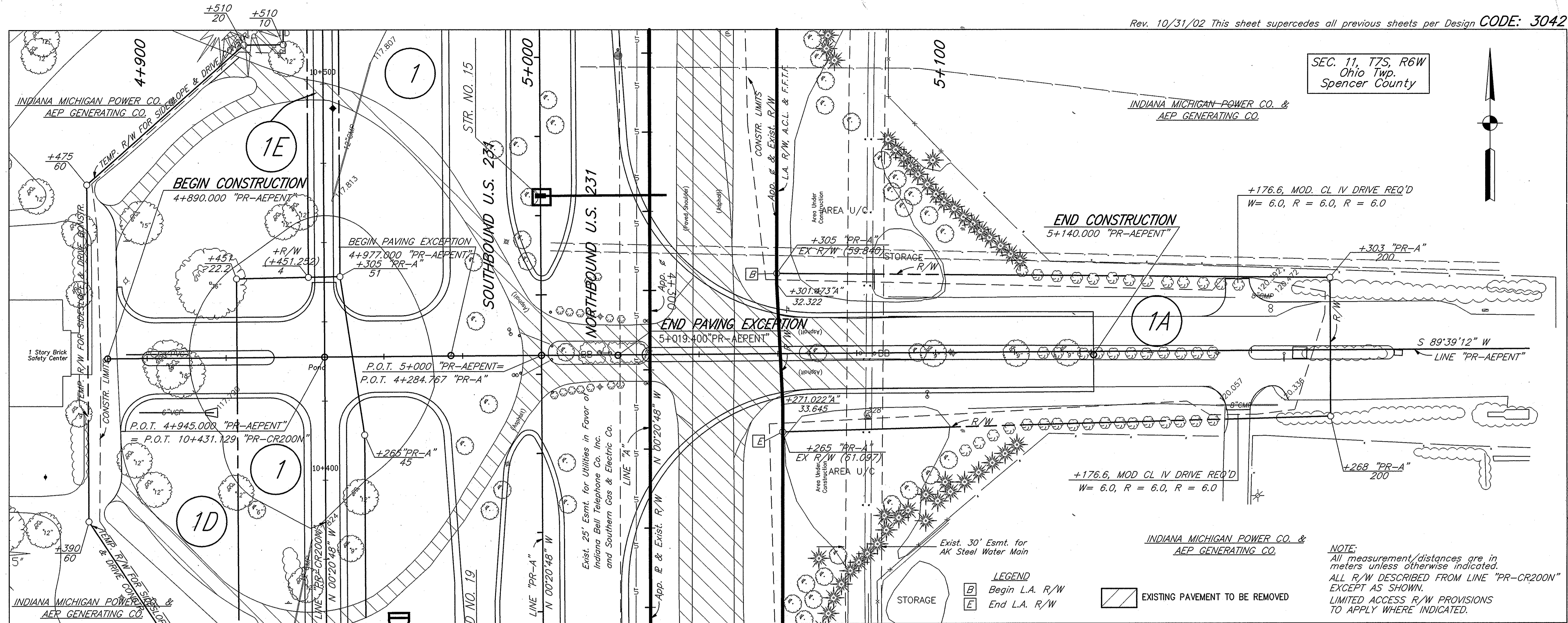
INDIANA
DEPARTMENT OF TRANSPORTATION

**PLAN & PROFILE
LINE "PR-CR250N"**

HORIZONTAL SCALE 1:500	FILE 3737.06
VERTICAL SCALE 1:100	DESIGNATION 8461360
SURVEY BOOK	SHEET 58 OF 89
CONTRACT	PROJECT NH-075-3(014)

SHEET NO. 3737-0605

SEC. 11, T7S, R6W
Ohio Twp.
Spencer County



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: KAC	DRAWN: RGS	
CHECKED: AJD	CHECKED: KAC	

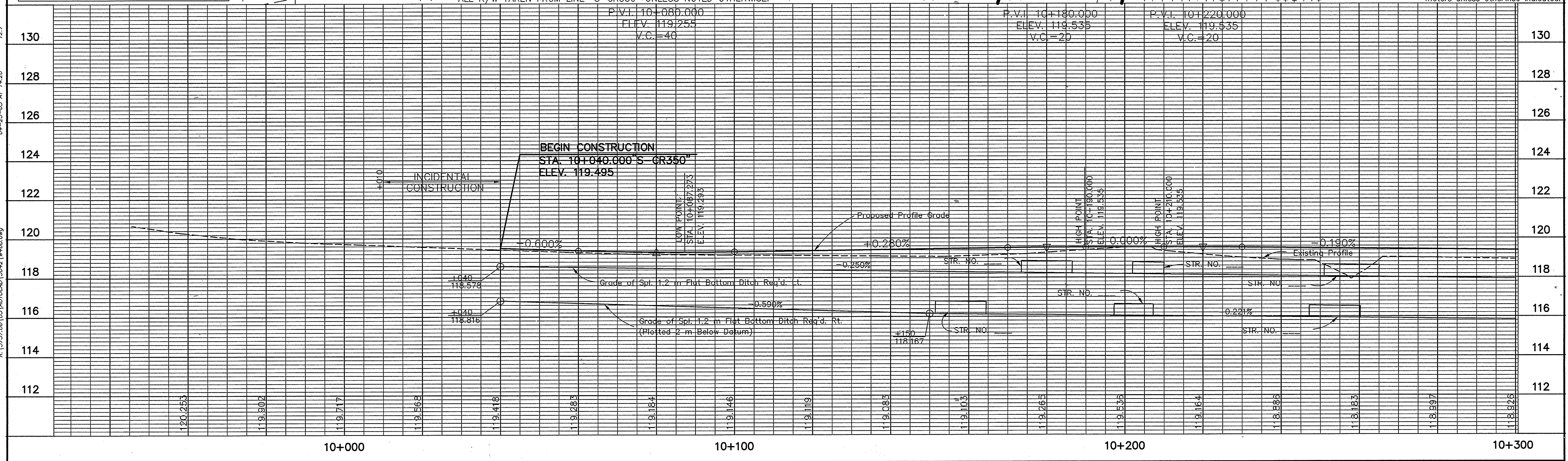
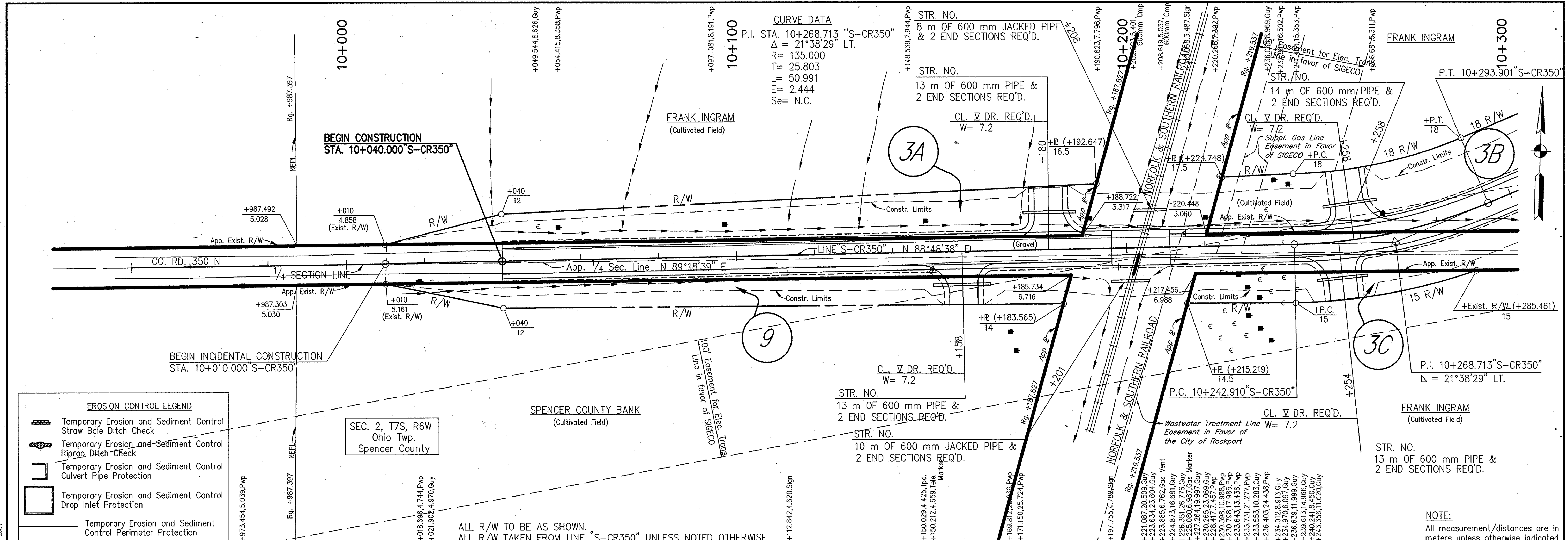
INDIANA DEPARTMENT OF TRANSPORTATION
PLAN & PROFILE
LINE "PR-AEPENT"

HORIZONTAL SCALE	FILE
1:500	3737.06
VERTICAL SCALE	DESIGNATION
1:100	8461360
SURVEY BOOK	SHEET
	59 OF 89
CONTRACT	PROJECT
	NH-075-3(014)

NOTE:
All measurement/distances are in meters unless otherwise indicated.
ALL R/W DESCRIBED FROM LINE "PR-CR200M" EXCEPT AS SHOWN.
LIMITED ACCESS R/W PROVISIONS TO APPLY WHERE INDICATED.

E:\98011\road\p03r.dwg - DEC 05, 2001 - 12:51:46
 R:\3737.06\05\AUTOCAD\ROAD\CEA\1059-p011-pr-aepent.dwg
 E:\98011\road\p03r-pr-aepent.dwg 10/11/2002 7:48:01 AM JEST

BRS NO. 3737.0605



RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: M.A.E.		DRAWN: R.D.S.			
CHECKED: R.D.S.		CHECKED: M.A.E.			

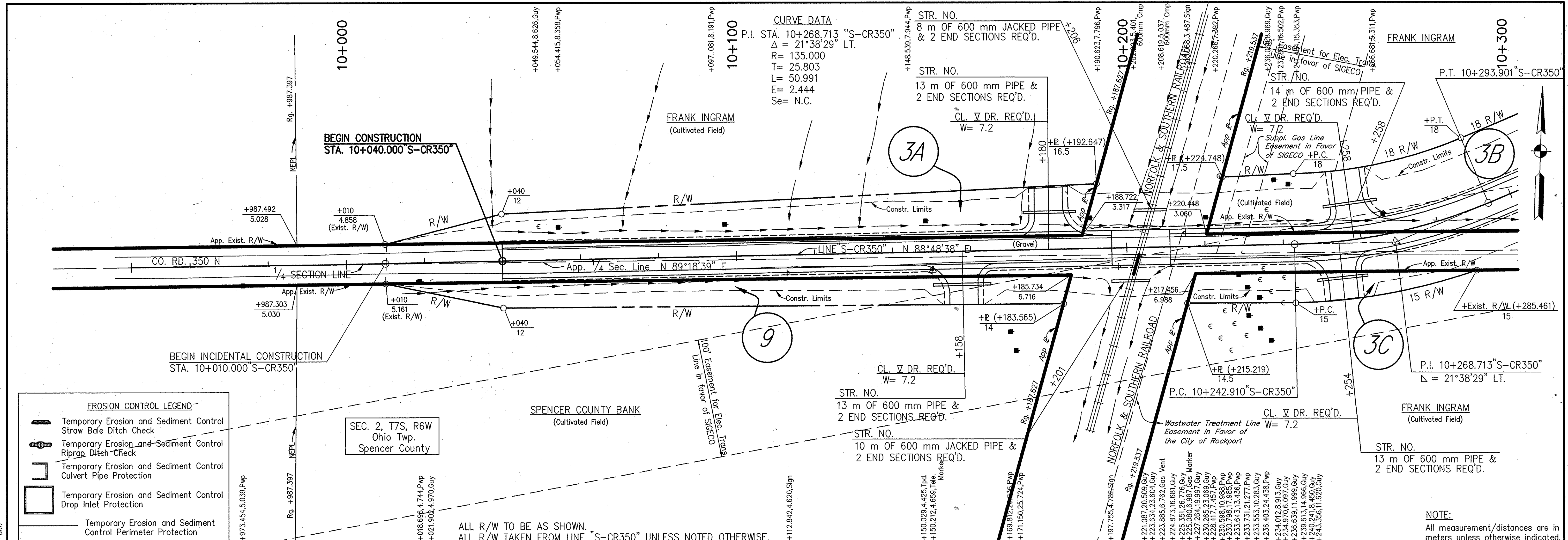
INDIANA DEPARTMENT OF TRANSPORTATION

PLAN PROFILE

LINE "S-CR350"

HORIZONTAL SCALE	BRIDGE FILE
1:500	
VERTICAL SCALE	DESIGNATION
1:100	8461360
SURVEY BOOK	SHEETS
	62 of 89
CONTRACT	PROJECT
	NH-075-3(014)

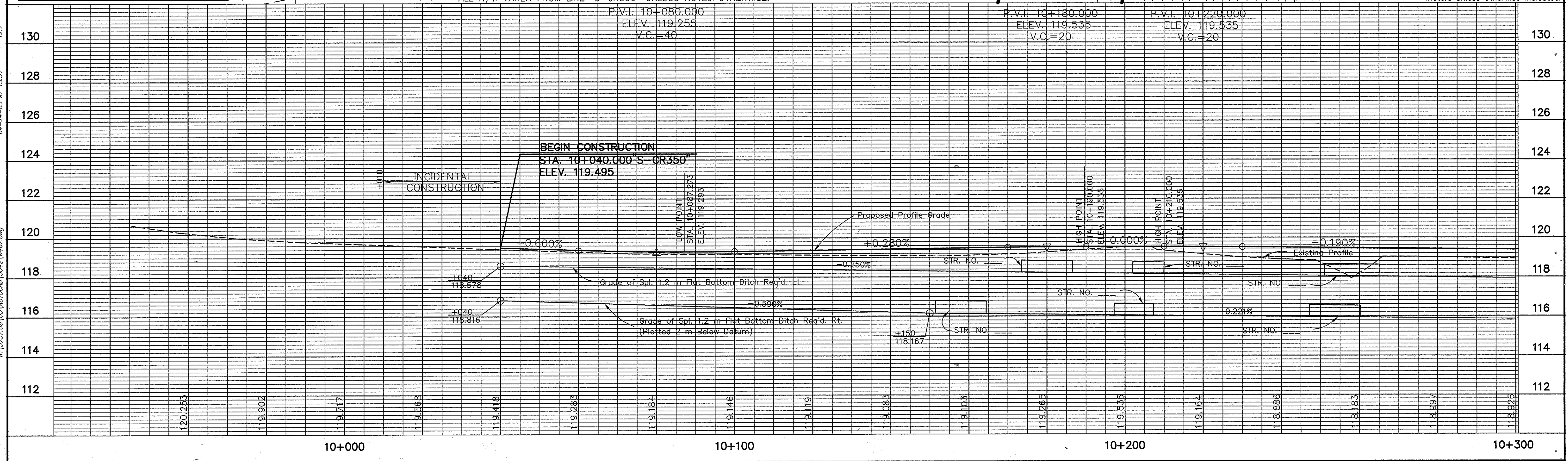
Time: 9:24:32
 Date: 4/13/2000
 Scale: 1"=100'
 Drawing File: S:\DATA\PROJ\210\DWG\TOP00RPTS1.dwg (S2)



EROSION CONTROL LEGEND

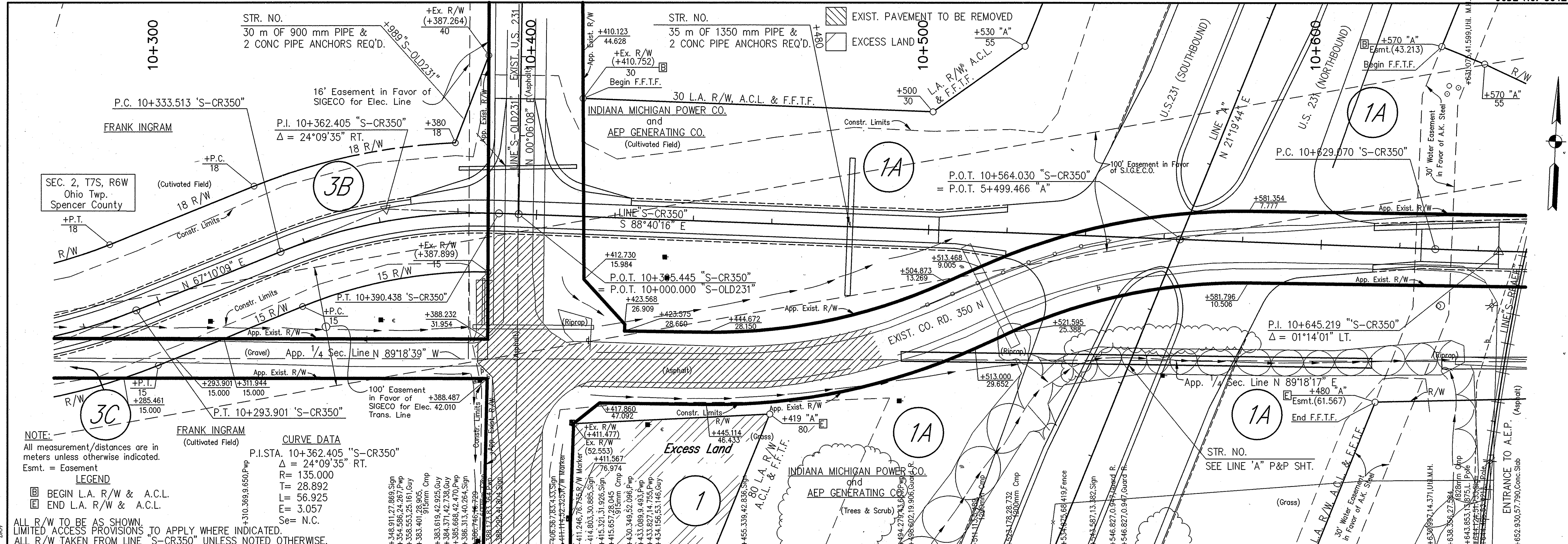
- Temporary Erosion and Sediment Control Straw Bale Ditch Check
- Temporary Erosion and Sediment Control Riprap Ditch Check
- Temporary Erosion and Sediment Control Culvert Pipe Protection
- Temporary Erosion and Sediment Control Drop Inlet Protection
- Temporary Erosion and Sediment Control Perimeter Protection

NOTE:
All measurement/distances are in meters unless otherwise indicated.



RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE
DESIGNED: M.A.E.	DRAWN: R.D.S.	CHECKED: R.D.S.	CHECKED: M.A.E.	
INDIANA DEPARTMENT OF TRANSPORTATION PLAN PROFILE LINE "S-CR350"				
HORIZONTAL SCALE 1:500	VERTICAL SCALE 1:100	SURVEY BOOK 62	BRIDGE FILE DESIGNATION 8461360	
CONTRACT		SHEETS 62 of 89 PROJECT NH-075-3(014)		

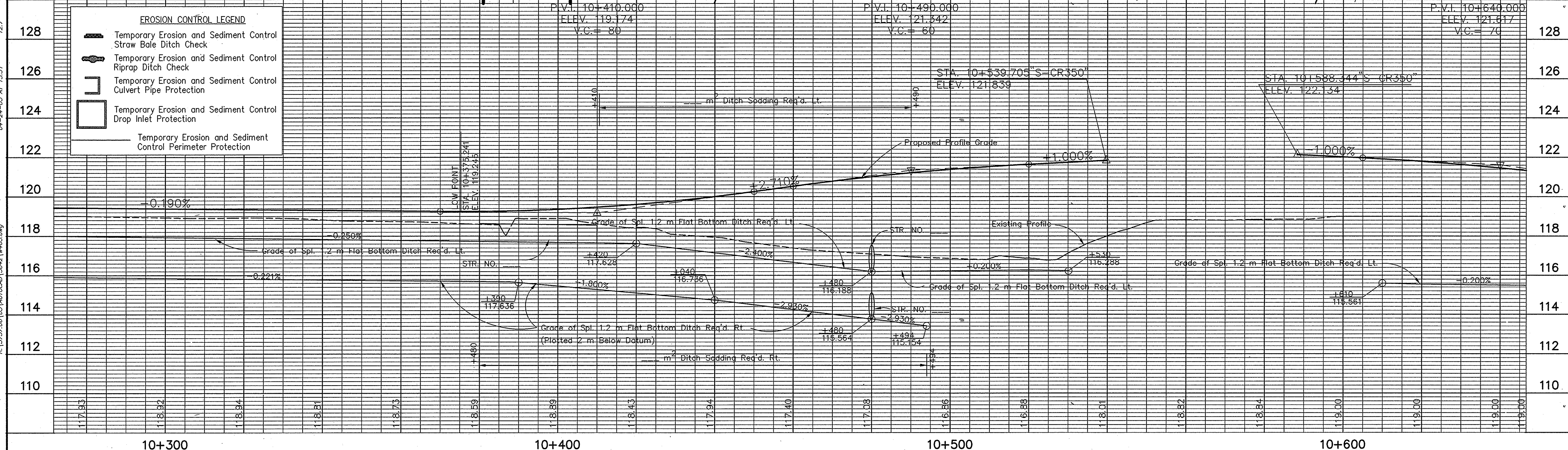
Time: 9:24:32
 Date: 4/13/2000
 Scale: 1"=100'
 Drawing File: S:\A\PROJ\210\DWG\TOP00RPTS1.dwg (S2)



NOTE:
All measurement/distances are in meters unless otherwise indicated.
Esmt. = Easement

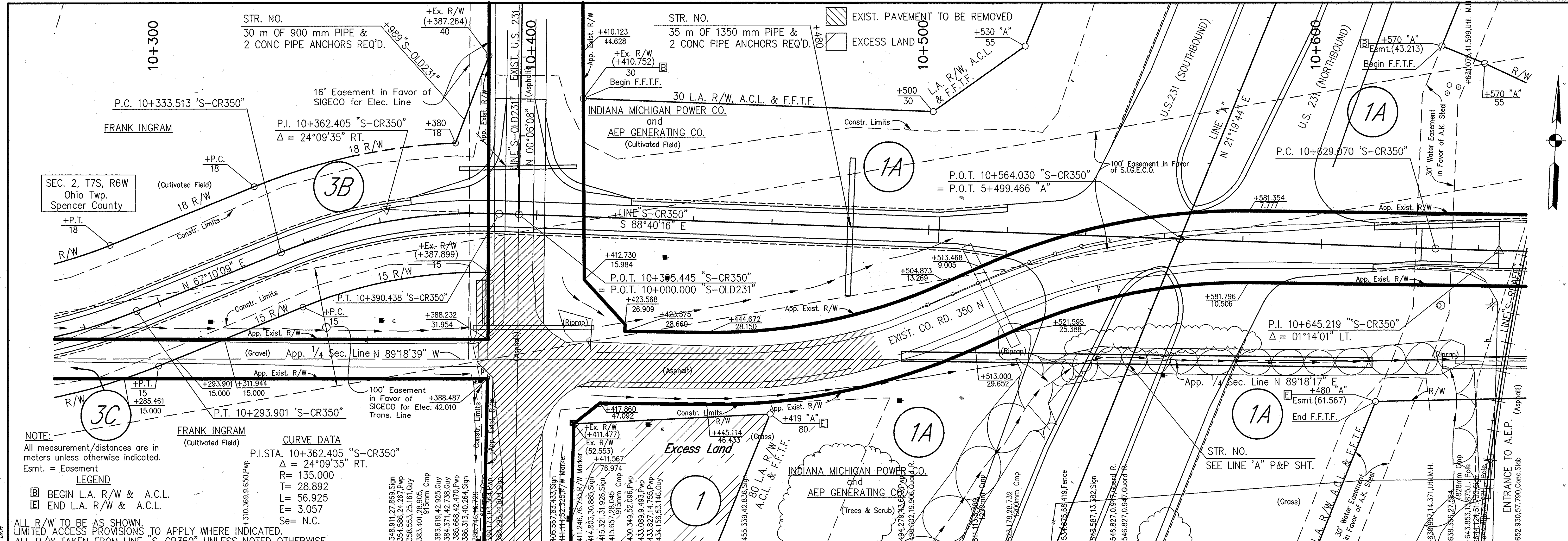
LEGEND
 [Symbol] BEGIN L.A. R/W & A.C.L.
 [Symbol] END L.A. R/W & A.C.L.

CURVE DATA
 P.I. STA. 10+362.405 "S-CR350"
 $\Delta = 24^{\circ}09'35"$ RT.
 R = 135.000
 T = 28.892
 L = 56.925
 E = 3.057
 Se = N.C.



10+300		10+400		10+500		10+600	
RECOMMENDED FOR APPROVAL DESIGN ENGINEER _____ DATE _____				INDIANA DEPARTMENT OF TRANSPORTATION PLAN PROFILE LINE "S-CR350"			
DESIGNED: M.A.E.		DRAWN: R.D.S.		SURVEY BOOK _____		SHEETS 63 of 89	
CHECKED: R.D.S.		CHECKED: M.A.E.		CONTRACT _____		PROJECT NH-075-3(014)	

File: 02937
 Date: 4/13/2000
 Scale: 1"=100'
 Drawing File: S:\02937\02937.DWG (V:\02937\02937.dwg)

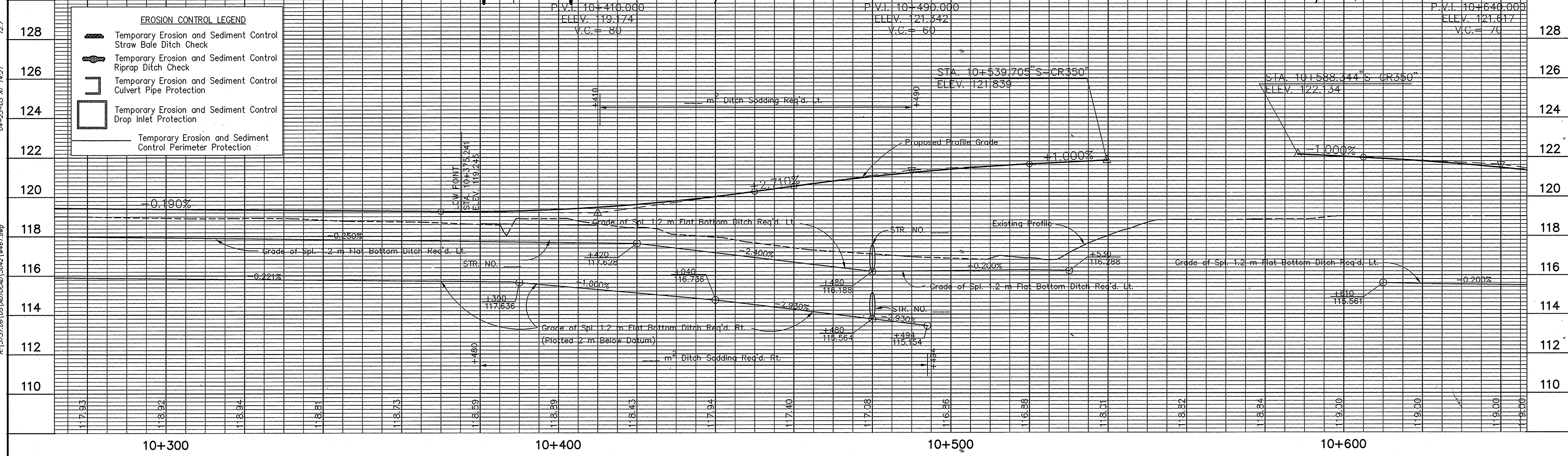


NOTE:
All measurement/distances are in meters unless otherwise indicated.
Esmt. = Easement

LEGEND
 [Symbol] BEGIN L.A. R/W & A.C.L.
 [Symbol] END L.A. R/W & A.C.L.

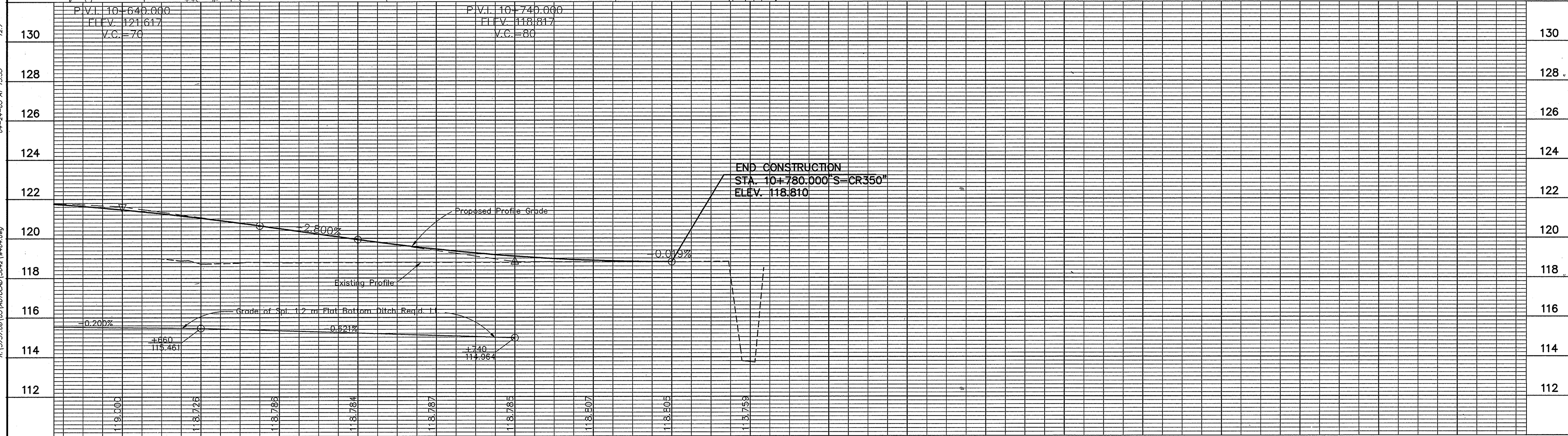
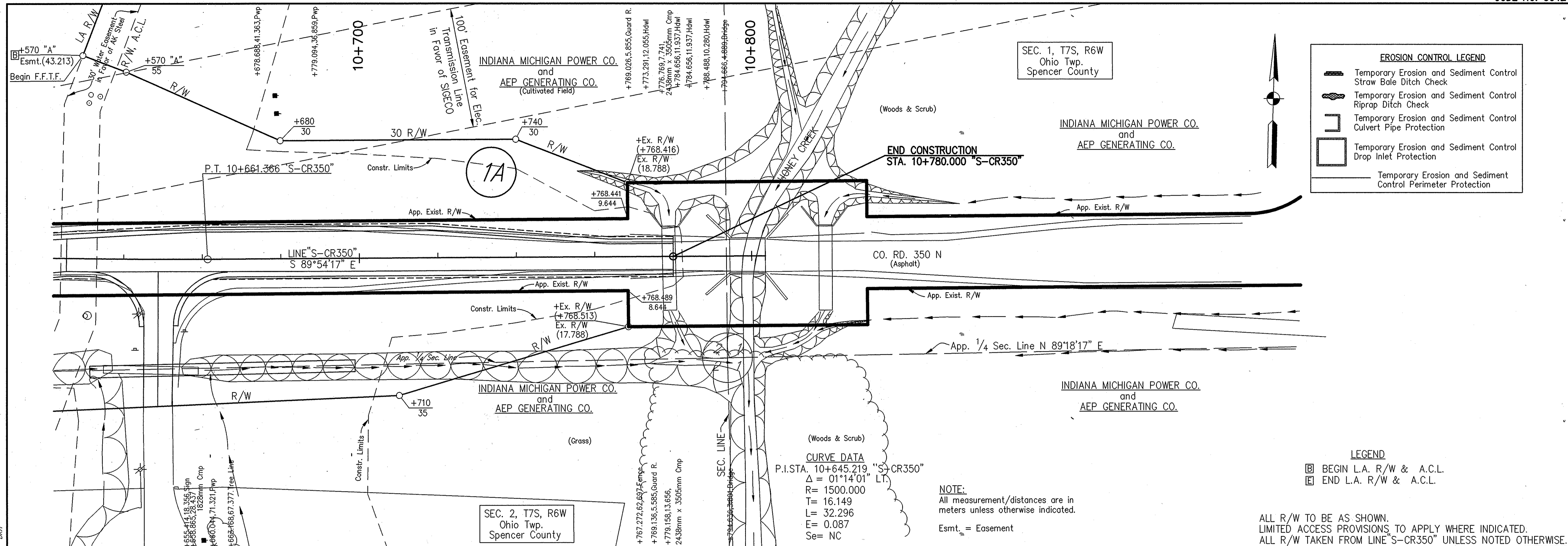
ALL R/W TO BE AS SHOWN.
 LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.
 ALL R/W TAKEN FROM LINE "S-CR350" UNLESS NOTED OTHERWISE.

CURVE DATA
 P.I. STA. 10+362.405 "S-CR350"
 $\Delta = 24^{\circ}09'35"$ RT.
 R = 135.000
 T = 28.892
 L = 56.925
 E = 3.057
 Se = N.C.



RECOMMENDED FOR APPROVAL DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION PLAN PROFILE LINE "S-CR350"	HORIZONTAL SCALE 1:500	BRIDGE FILE
DESIGNED: M.A.E.	DRAWN: R.D.S.		VERTICAL SCALE 1:100	DESIGNATION 8461360
CHECKED: R.D.S.	CHECKED: M.A.E.		SURVEY BOOK	SHEETS 63 of 89
			CONTRACT	PROJECT NH-075-3(014)

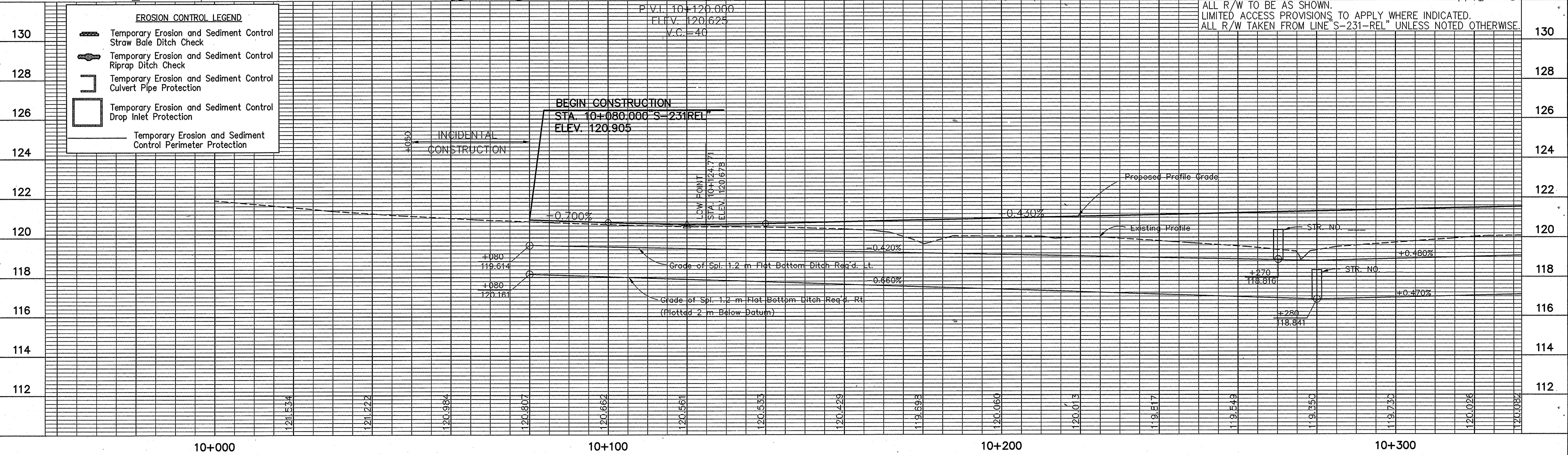
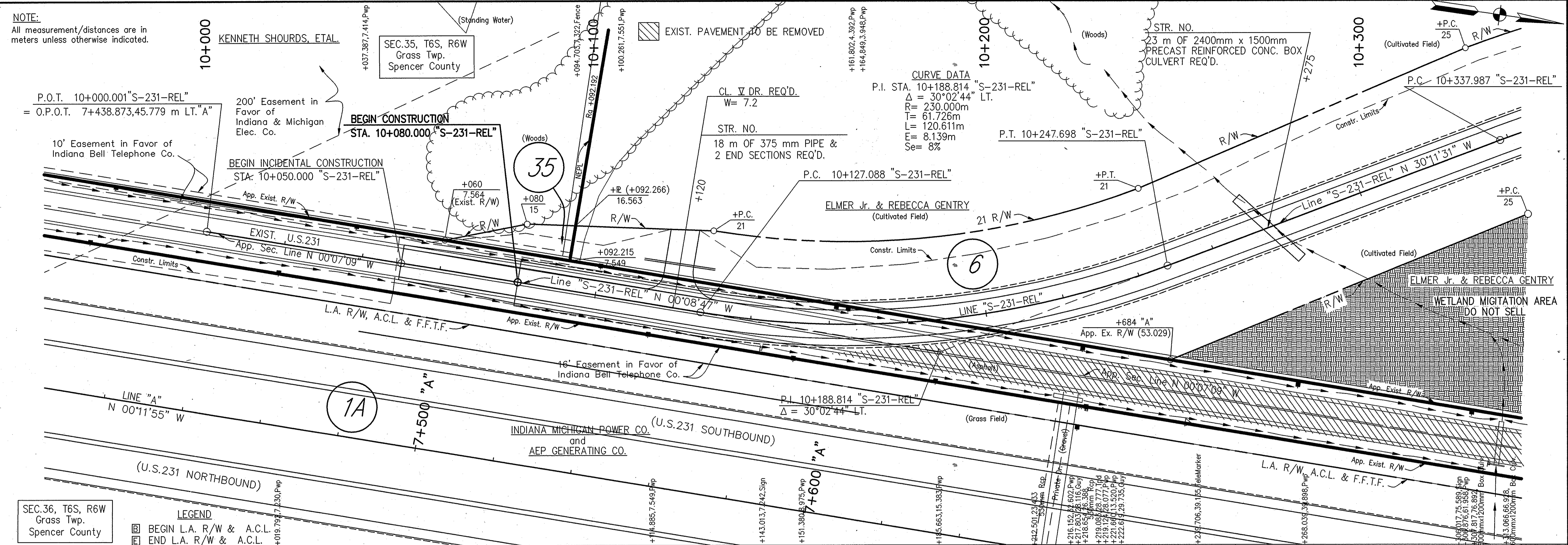
Date: 9/23/2010
 Scale: 1"=100'
 Drawing File: S:\sk\PROJ\210\DWG\TOPMKT1.dwg (S2)
 04-23-03 AT 14:21
 12.7
 10+300 10+400 10+500 10+600



Time: 9:37:11
 Date: 4/13/2000
 Scale: 1" = 10'
 Drawing File: 3dsk\PROJ\210_\DWG\TOP&PRF51.dwg (S22)

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	INDIANA DEPARTMENT OF TRANSPORTATION PLAN PROFILE LINE "S-CR350"	HORIZONTAL SCALE	BRIDGE FILE
DESIGNED: M.A.E.		DRAWN: R.D.S.				1:500	DESIGNATION
CHECKED: R.D.S.		CHECKED: M.A.E.				1:100	8461360
						SURVEY BOOK	SHEETS
						64	of 89
						CONTRACT	PROJECT
						NH-075-3(014)	

NOTE:
 All measurement/distances are in meters unless otherwise indicated.



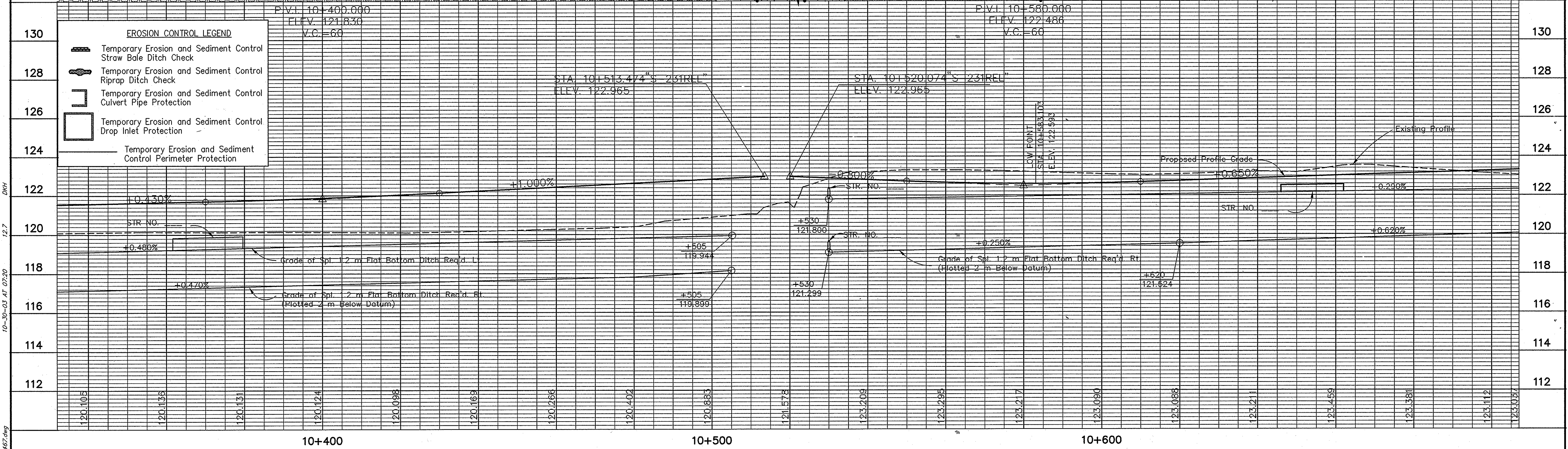
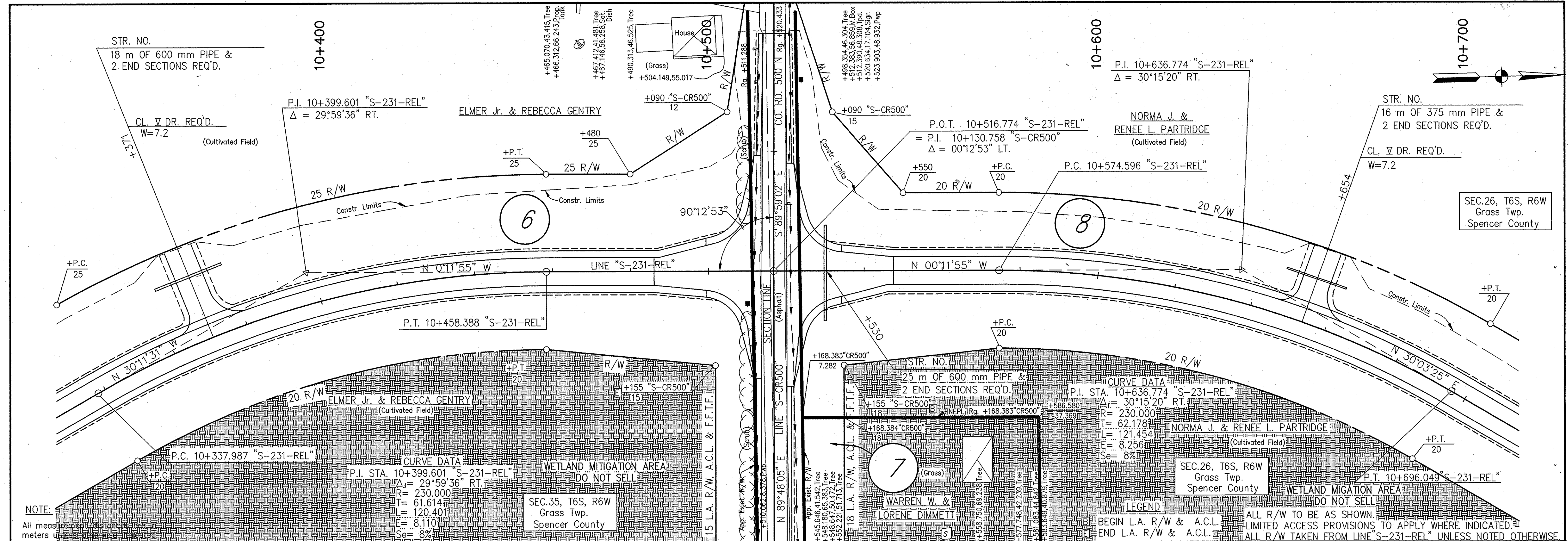
EROSION CONTROL LEGEND

	Temporary Erosion and Sediment Control Straw Bale Ditch Check
	Temporary Erosion and Sediment Control Riprap Ditch Check
	Temporary Erosion and Sediment Control Culvert Pipe Protection
	Temporary Erosion and Sediment Control Drop Inlet Protection
	Temporary Erosion and Sediment Control Perimeter Protection

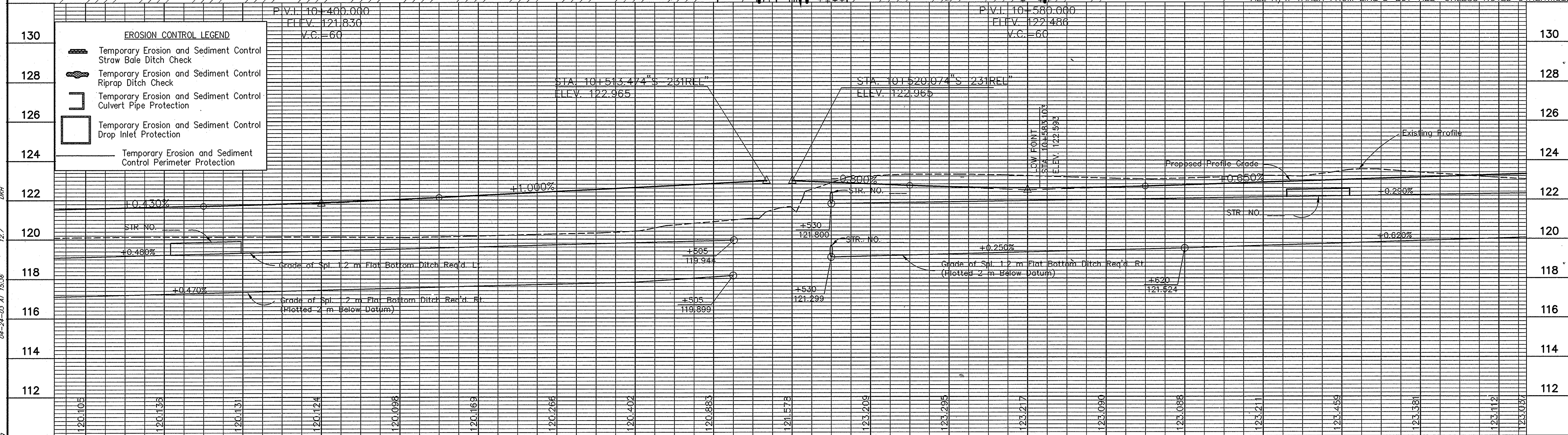
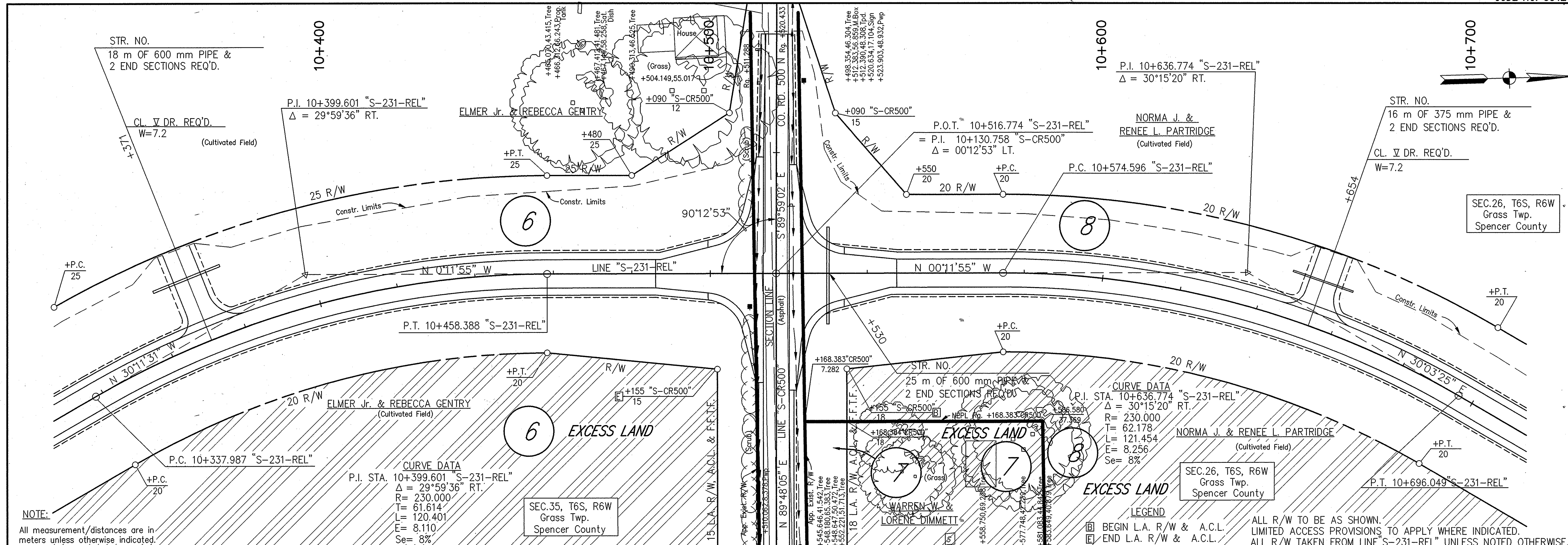
ALL R/W TO BE AS SHOWN.
 LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.
 ALL R/W TAKEN FROM LINE S-231-REL UNLESS NOTED OTHERWISE.

Project: 3737042
 10-30-03 AT 07:14
 12.7
 04/01/04
 10-30-03 AT 07:14
 12.7
 04/01/04

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE
DESIGNED: M.A.E.	DRAWN: R.D.S.			
CHECKED: R.D.S.	CHECKED: M.A.E.			
INDIANA DEPARTMENT OF TRANSPORTATION PLAN PROFILE LINE "S-231-REL"				
HORIZONTAL SCALE 1:500		BRIDGE FILE		
VERTICAL SCALE 1:100		DESIGNATION 8461360		
SURVEY BOOK		SHEETS 66 of 98		
CONTRACT		PROJECT NH-075-3(014)		



10-30-03 AT 02:20
 12.7
 DWG
 R:\2727\081\051\10702401_3042\10467.dwg



<p>130</p> <p>EROSION CONTROL LEGEND</p> <ul style="list-style-type: none"> Temporary Erosion and Sediment Control Straw Bale Ditch Check Temporary Erosion and Sediment Control Riprap Ditch Check Temporary Erosion and Sediment Control Culvert Pipe Protection Temporary Erosion and Sediment Control Drop Inlet Protection Temporary Erosion and Sediment Control Perimeter Protection 		<p>130</p>	
<p>128</p>		<p>128</p>	
<p>126</p>		<p>126</p>	
<p>124</p>		<p>124</p>	
<p>122</p>		<p>122</p>	
<p>120</p>		<p>120</p>	
<p>118</p>		<p>118</p>	
<p>116</p>		<p>116</p>	
<p>114</p>		<p>114</p>	
<p>112</p>		<p>112</p>	

<p>RECOMMENDED FOR APPROVAL</p> <p>DESIGN ENGINEER _____ DATE _____</p>		<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>PLAN PROFILE</p> <p>LINE "S-231-REL"</p>		<p>HORIZONTAL SCALE</p> <p>1:500</p>		<p>BRIDGE FILE</p>	
<p>DESIGNED: M.A.E. DRAWN: R.D.S.</p> <p>CHECKED: R.D.S. CHECKED: M.A.E.</p>				<p>VERTICAL SCALE</p> <p>1:100</p>		<p>DESIGNATION</p> <p>8461360</p>	
				<p>SURVEY BOOK</p> <p>67 of 89</p>		<p>SHEETS</p>	
				<p>CONTRACT</p>		<p>PROJECT</p> <p>NH-075-3(014)</p>	

04-24-03 AT 15:35
 12.7
 04-24-03 AT 15:35
 12.7
 04-24-03 AT 15:35
 12.7

NOTE:
All measurement/distances are in meters unless otherwise indicated.

SEC. 26, T6S, R6W
Grass Twp.
Spencer County

10+800
NORMA J. & RENEE L. PARTRIDGE
(Cultivated Field)

CURVE DATA
P.I. STA. 10+848.045 "S-231-REL"
 $\Delta = 30^{\circ}15'46''$ LT.
R = 230.000m
T = 62.194m
L = 121.483m
E = 8.260m
Se = 8%

Ingress-Egress Easement in Favor of 8 Ac. Parcel Owned by Partridge. Unspecified width, Shown as 1 Rod.

STR. NO.
10 m OF 375 mm PIPE & 2 END SECTIONS REQ'D.
CL. II DR. REQ'D.
W = 7.2

P.T. 10+907.333 "S-231-REL"

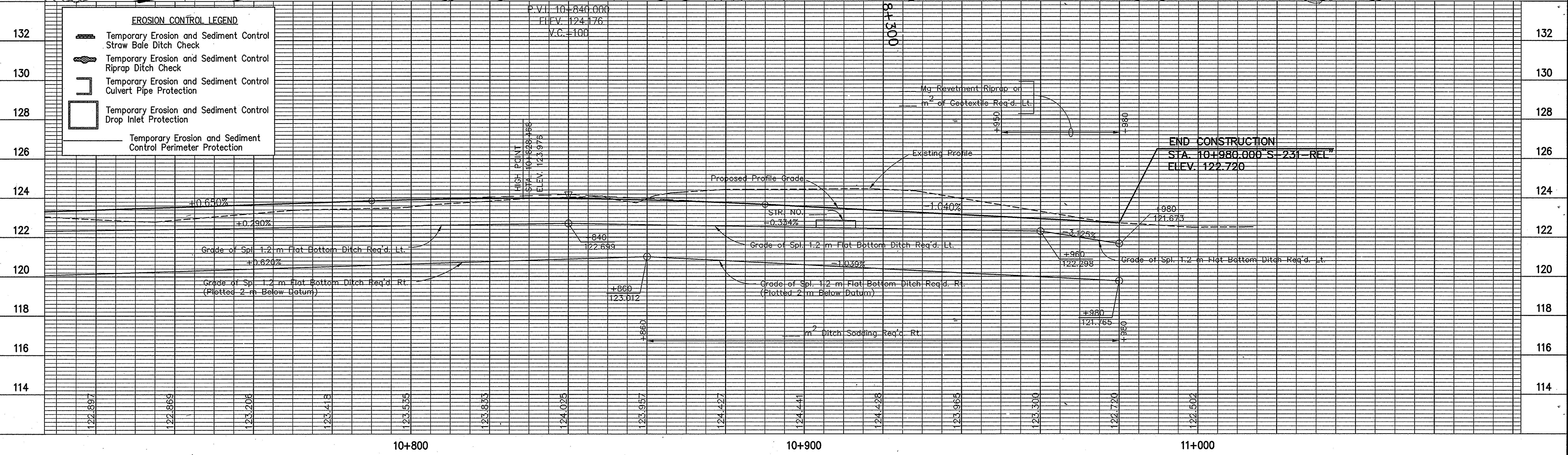
END CONSTRUCTION
STA. 10+980.000 "S-231-REL"

P.O.T. 11+013.948 "S-231-REL"
= O.P.O.T. 8+406.516, 44.509 LT. "A"

LEGEND
[Symbol] BEGIN L.A. R/W & A.C.L.
[Symbol] END L.A. R/W & A.C.L.
ALL R/W TO BE AS SHOWN.
LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.
ALL R/W TAKEN FROM LINE "S-231-REL" UNLESS NOTED OTHERWISE.

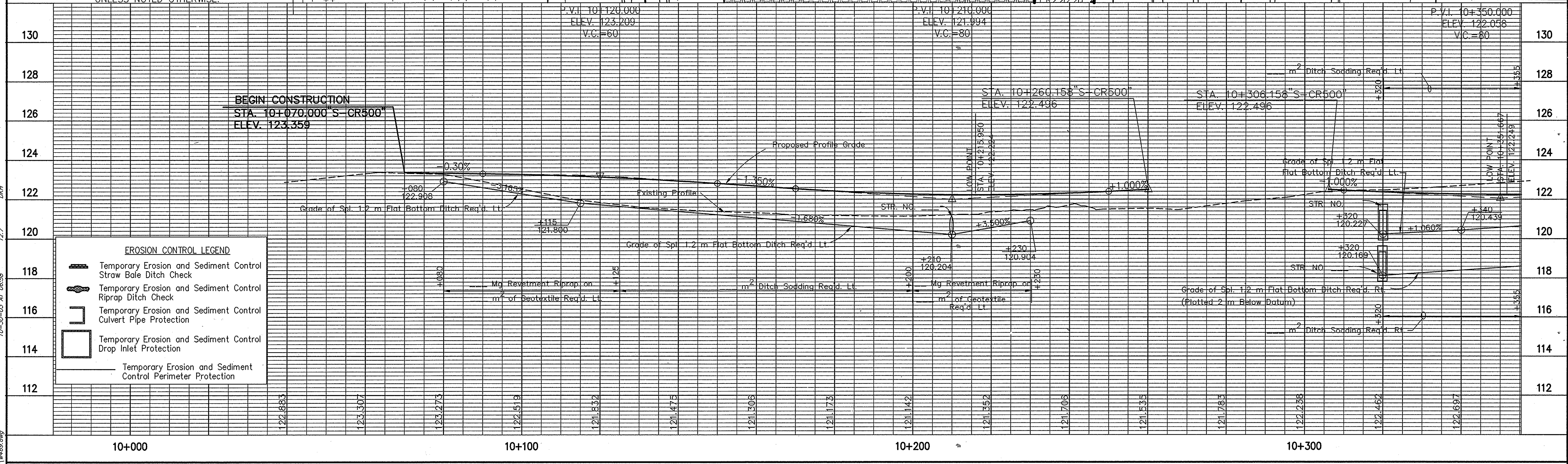
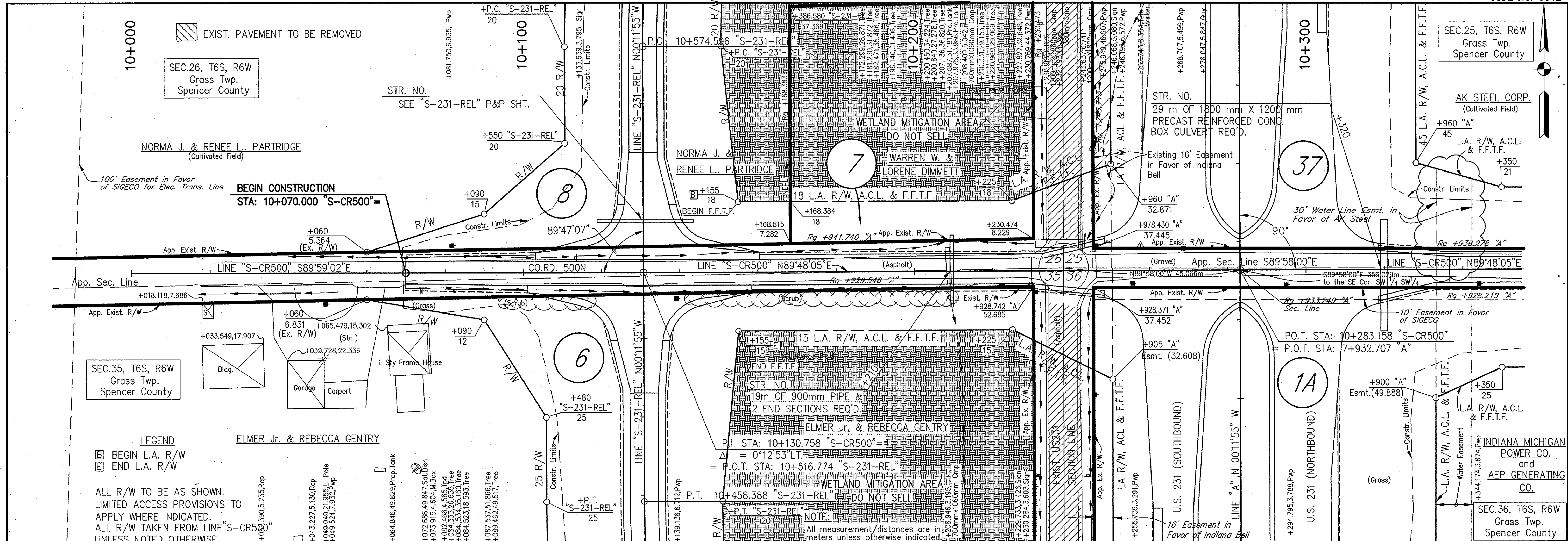
WETLAND MITIGATION AREA
DO NOT SELL

SEC. 25, T6S, R6W
Grass Twp.
Spencer County



10-29-03 AT 16:24
 12.7
 DWK
 6:13:27:051\A\070201_1043\1468.dwg

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE
DESIGNED: M.A.E.	DRAWN: R.D.S.			
CHECKED: R.D.S.	CHECKED: M.A.E.			
INDIANA DEPARTMENT OF TRANSPORTATION PLAN PROFILE LINE "S-231-REL"				
HORIZONTAL SCALE 1:500		BRIDGE FILE		
VERTICAL SCALE 1:100		DESIGNATION 8461360		
SURVEY BOOK		SHEETS		
		68 of 89		
CONTRACT		PROJECT		
		NH-075-3(014)		

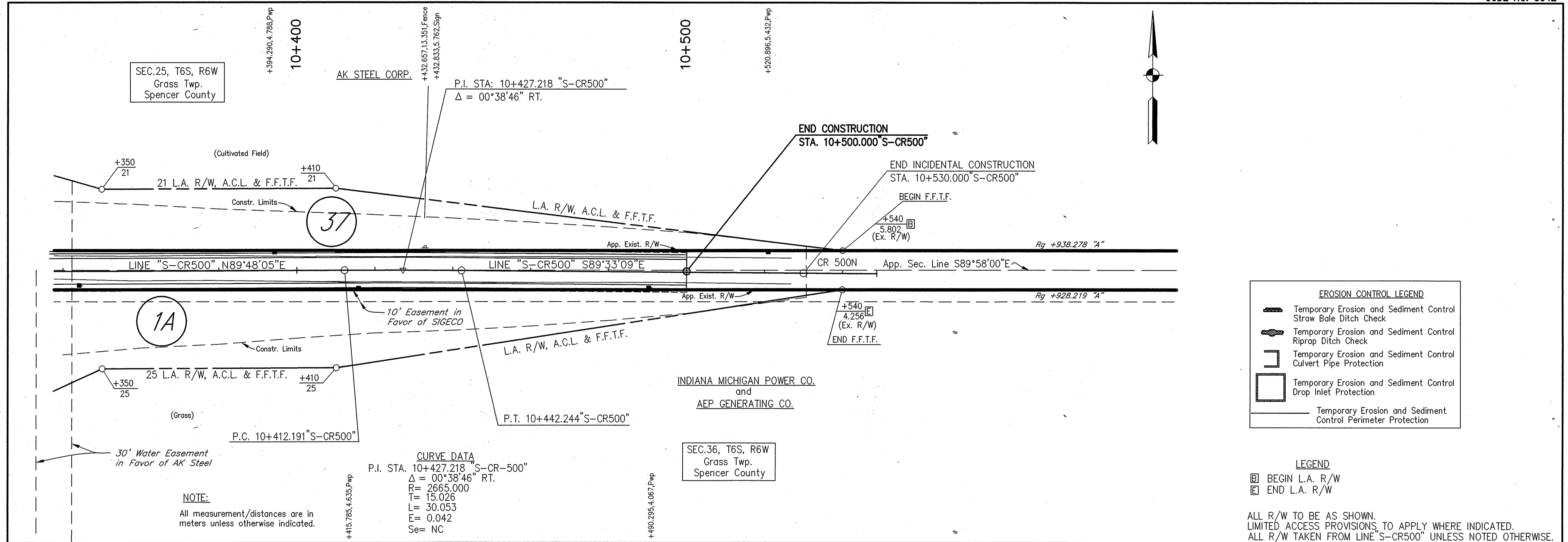


EROSION CONTROL LEGEND

	Temporary Erosion and Sediment Control Straw Bale Ditch Check
	Temporary Erosion and Sediment Control Riprap Ditch Check
	Temporary Erosion and Sediment Control Culvert Pipe Protection
	Temporary Erosion and Sediment Control Drop Inlet Protection
	Temporary Erosion and Sediment Control Perimeter Protection

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
DESIGNED: M.A.E.	DRAWN: R.D.S.	CHECKED: R.D.S.		CHECKED: M.A.E.	1:500
				1:100	8461360
				SURVEY BOOK	SHEETS
				CONTRACT	69 of 89
					PROJECT
					NH-075-3(014)

10-30-03 AT 06:58
 12.7
 DWG
 P:\2327\05\AUTOCAD\3042\1068.dwg



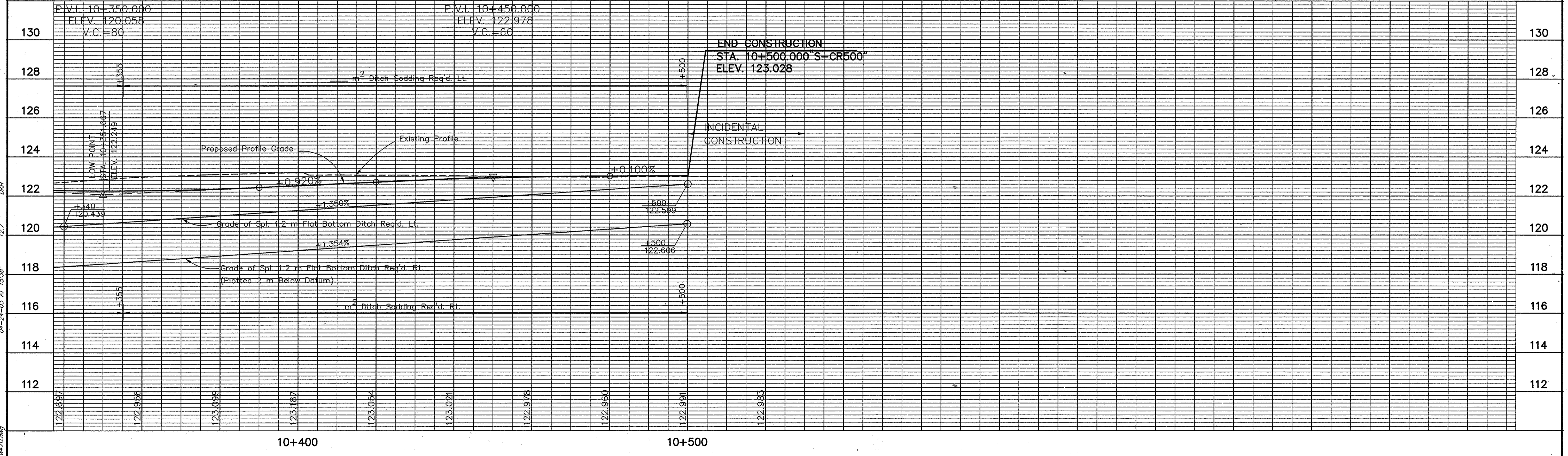
EROSION CONTROL LEGEND

- Temporary Erosion and Sediment Control Straw Bale Ditch Check
- Temporary Erosion and Sediment Control Riprap Ditch Check
- Temporary Erosion and Sediment Control Culvert Pipe Protection
- Temporary Erosion and Sediment Control Drop Inlet Protection
- Temporary Erosion and Sediment Control Perimeter Protection

LEGEND

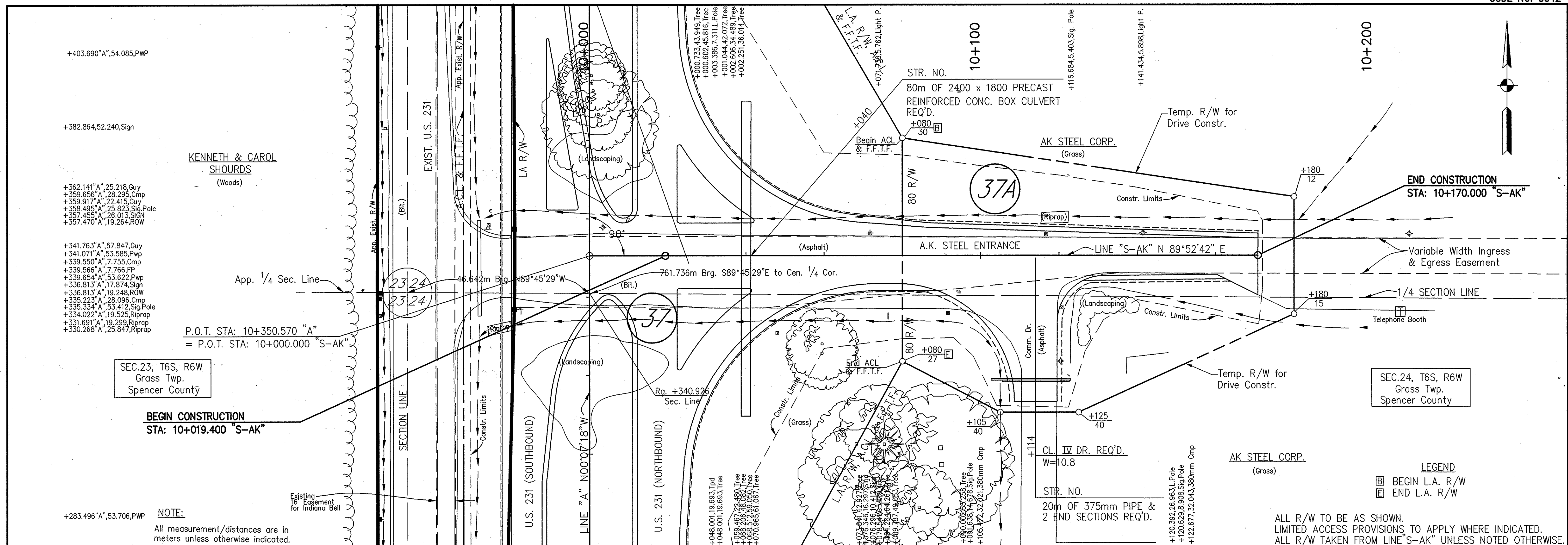
- BEGIN L.A. R/W
- END L.A. R/W

ALL R/W TO BE AS SHOWN.
LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.
ALL R/W TAKEN FROM LINE "S-CR500" UNLESS NOTED OTHERWISE.



INDIANA DEPARTMENT OF TRANSPORTATION				
PLAN PROFILE			LINE "S-CR500"	
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE	HORIZONTAL SCALE 1:500
DESIGNED: M.A.E.		DRAWN: R.D.S.		VERTICAL SCALE 1:100
CHECKED: R.D.S.		CHECKED: M.A.E.		SURVEY BOOK
				SHEETS 70 of 89
				CONTRACT
				PROJECT NH-075-3(014)

R:\1377\06\05\AUTOCAD\3042\1075.dwg
 04-24-03 AT 15:36
 12.7
 DWG



+403.690°A", 54.085, PWP
 +382.864, 52.240, Sign
 +362.141°A", 25.218, Guy
 +359.656°A", 23.295, Cmp
 +359.917°A", 22.415, Guy
 +358.495°A", 25.823, Sig. Pole
 +357.455°A", 26.013, SIGN
 +357.470°A", 19.264, ROW
 +341.763°A", 57.847, Guy
 +341.071°A", 53.585, Pwp
 +339.550°A", 7.755, Cmp
 +339.566°A", 7.766, FP
 +339.654°A", 53.622, Pwp
 +336.813°A", 17.874, Sign
 +336.813°A", 19.248, ROW
 +335.223°A", 28.096, Cmp
 +335.334°A", 53.412, Sig. Pole
 +334.022°A", 19.525, Riprap
 +331.691°A", 19.299, Riprap
 +330.268°A", 25.847, Riprap

SEC. 23, T6S, R6W
 Grass Twp.
 Spencer County

BEGIN CONSTRUCTION
 STA: 10+019.400 "S-AK"

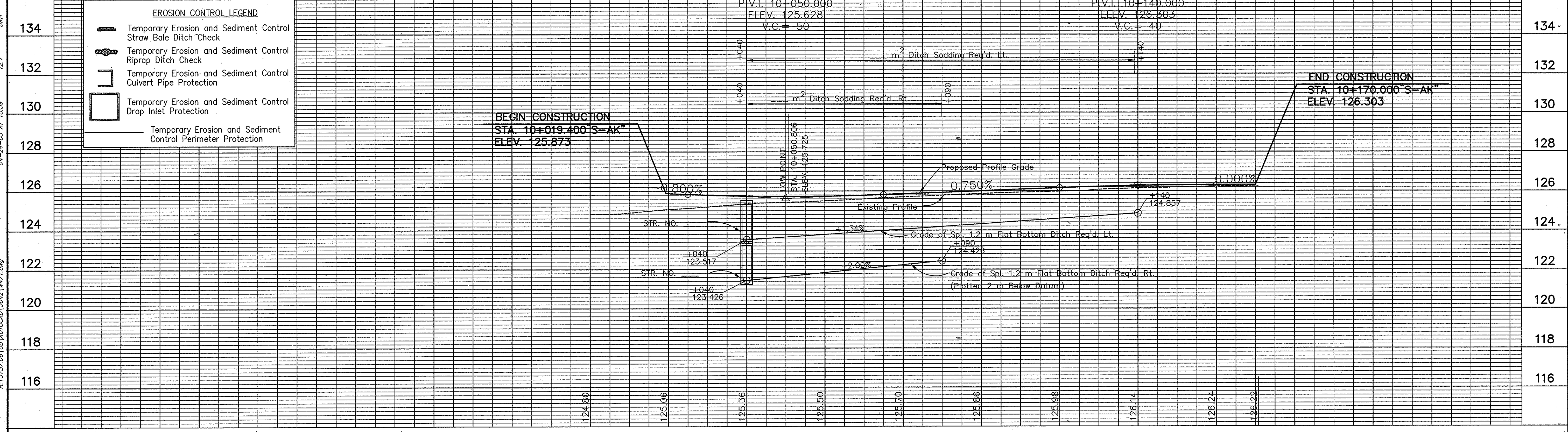
P.O.T. STA: 10+350.570 "A"
 = P.O.T. STA: 10+000.000 "S-AK"

+283.496°A", 53.706, PWP
NOTE:
 All measurement/distances are in meters unless otherwise indicated.

SEC. 24, T6S, R6W
 Grass Twp.
 Spencer County

LEGEND
 [Symbol] BEGIN L.A. R/W
 [Symbol] END L.A. R/W

ALL R/W TO BE AS SHOWN.
 LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.
 ALL R/W TAKEN FROM LINE "S-AK" UNLESS NOTED OTHERWISE.

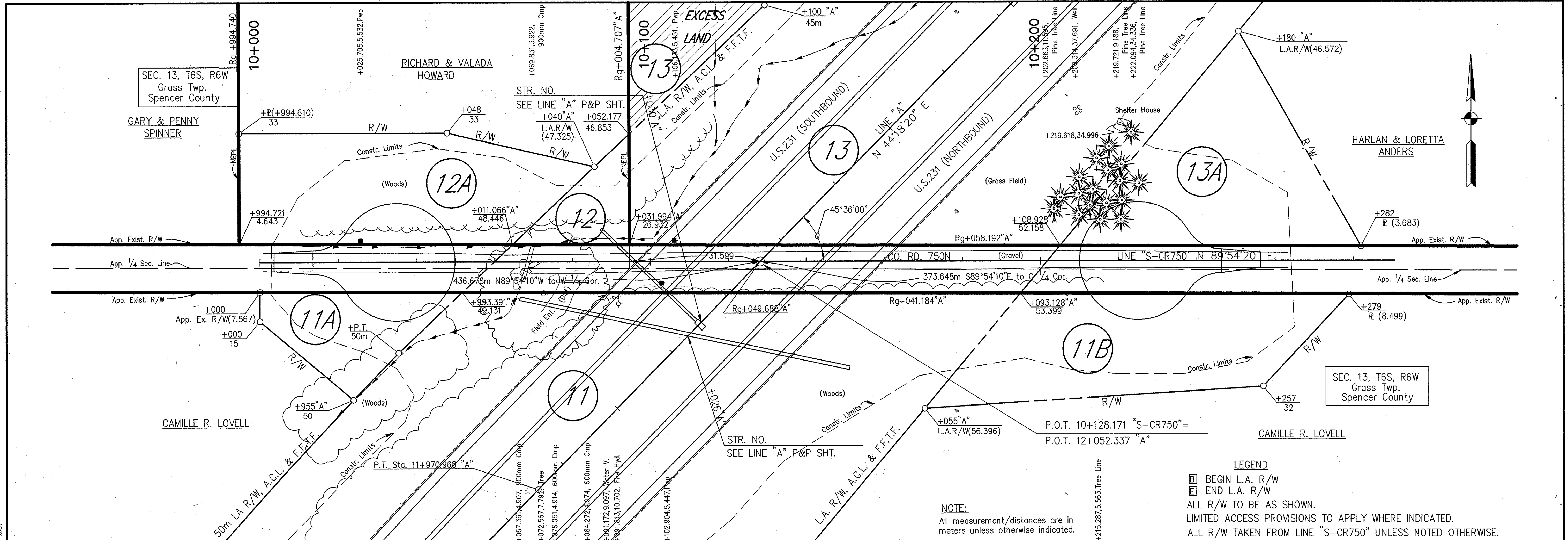


EROSION CONTROL LEGEND

[Symbol]	Temporary Erosion and Sediment Control Straw Bale Ditch Check
[Symbol]	Temporary Erosion and Sediment Control Riprap Ditch Check
[Symbol]	Temporary Erosion and Sediment Control Culvert Pipe Protection
[Symbol]	Temporary Erosion and Sediment Control Drop Inlet Protection
[Symbol]	Temporary Erosion and Sediment Control Perimeter Protection

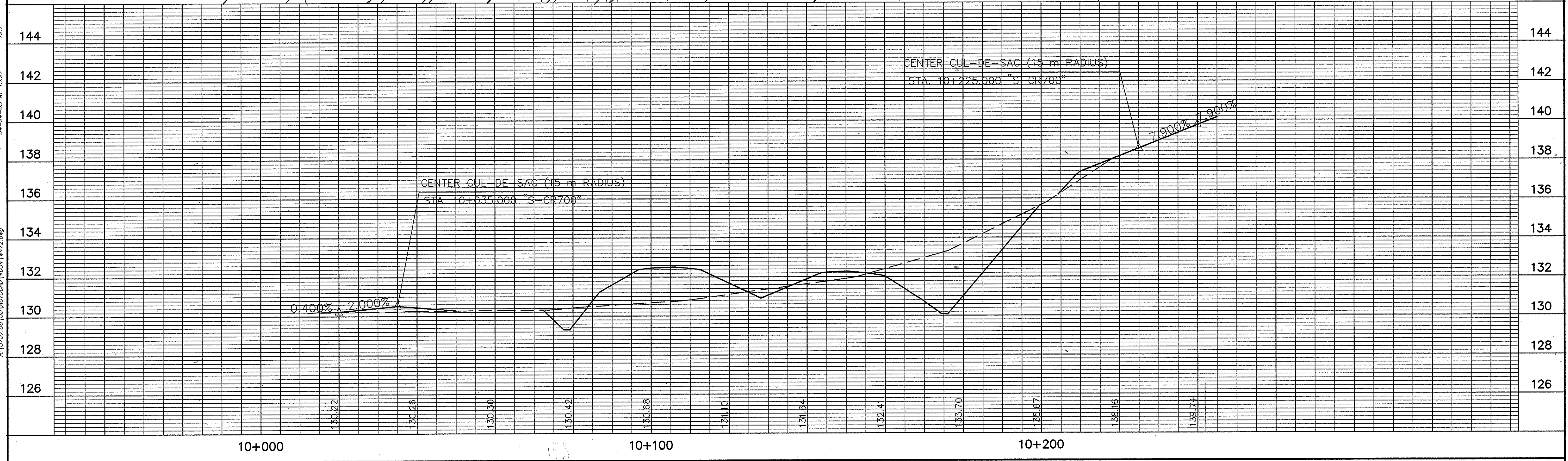
Date: 8/26/09
 Scale: 1" = 100'
 Drawing File: S-AK-PROJ\310_1\DWG\TEXTFRAME.dwg (52)
 P:\310\2009\08\10\10\310\3042\1071.dwg

	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1:500 VERTICAL SCALE 1:100	BRIDGE FILE DESIGNATION 8461360
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	PLAN PROFILE LINE "S-AK"	SURVEY BOOK SHEETS 71 of 89 CONTRACT PROJECT NH-075-3(014)	
DESIGNED: M.A.E. DRAWN: R.D.S. CHECKED: R.D.S. CHECKED: M.A.E.			



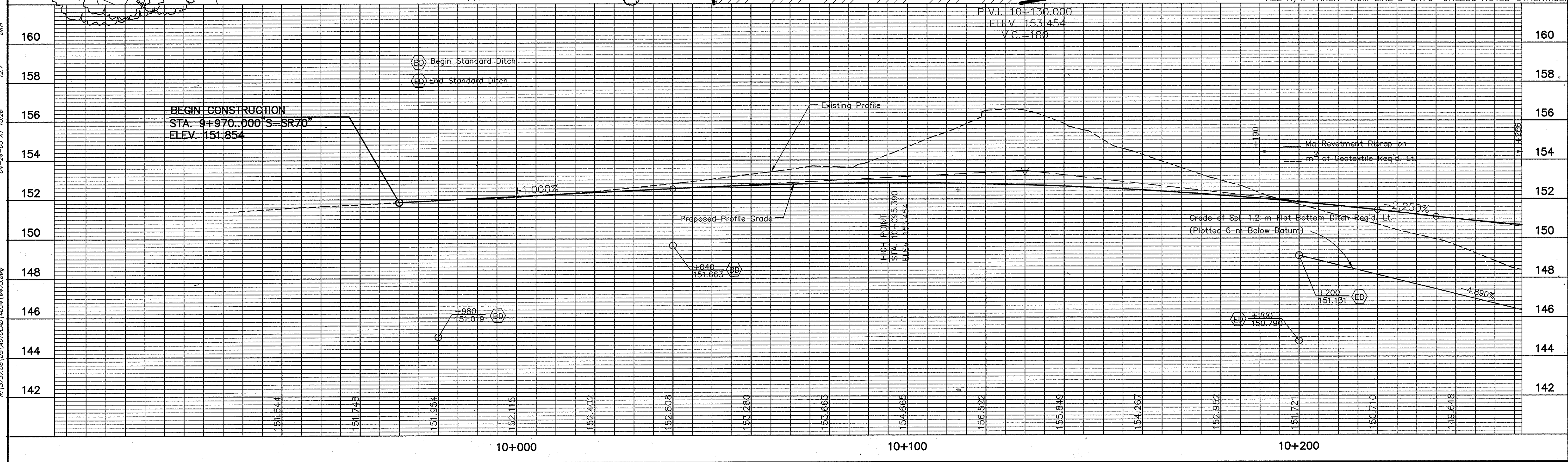
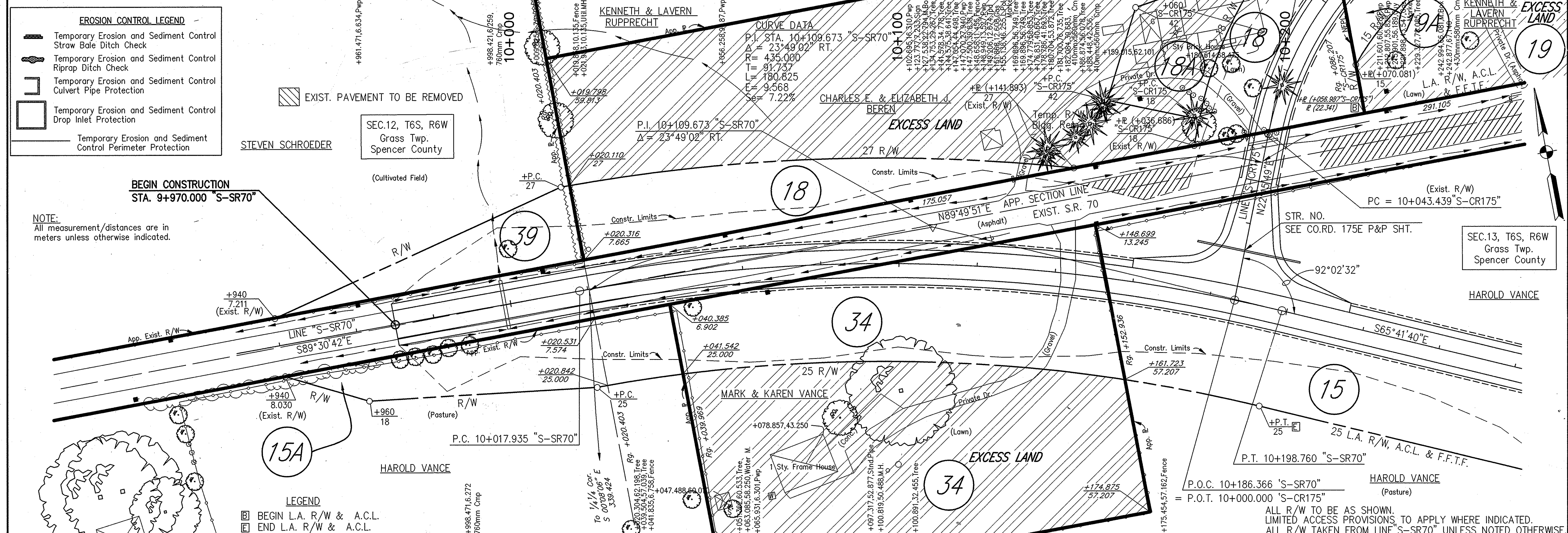
LEGEND
 [Symbol] BEGIN L.A. R/W
 [Symbol] END L.A. R/W
 ALL R/W TO BE AS SHOWN.
 LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.
 ALL R/W TAKEN FROM LINE "S-CR750" UNLESS NOTED OTHERWISE.

NOTE:
 All measurement/distances are in meters unless otherwise indicated.



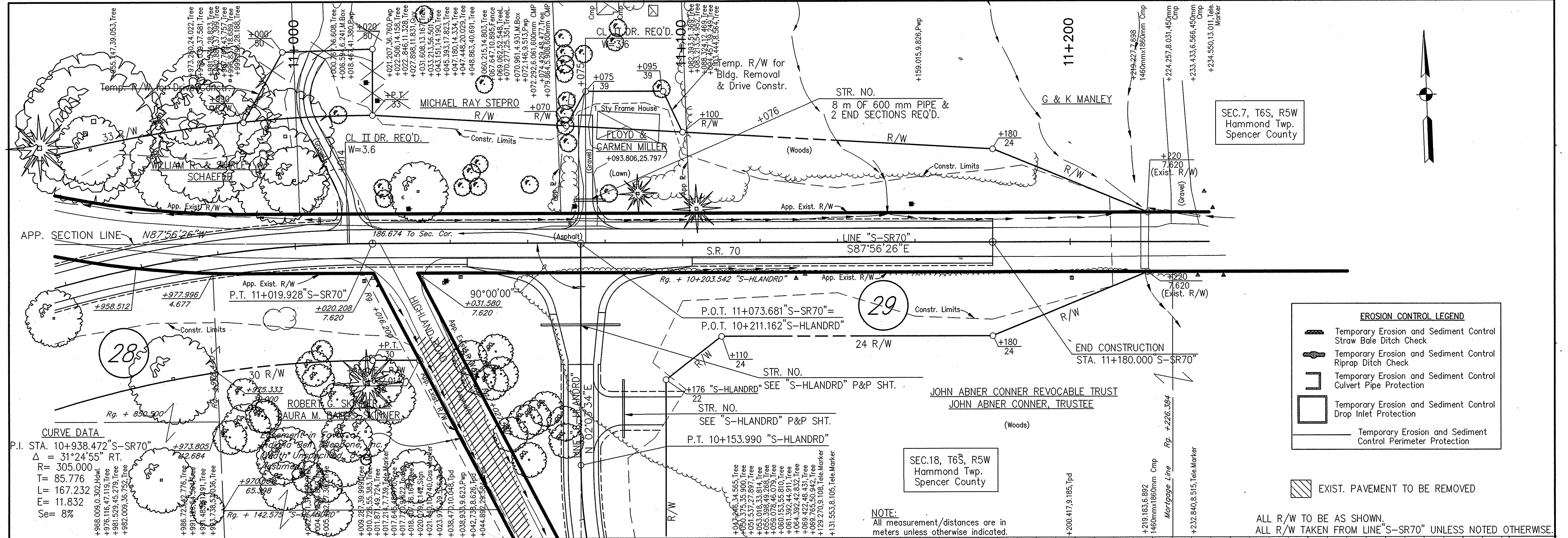
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1:500	BRIDGE FILE
DESIGNED: M.A.E.	DRAWN: R.D.S.		VERTICAL SCALE 1:100	DESIGNATION 0001230
CHECKED: R.D.S.	CHECKED: M.A.E.	PLAN PROFILE LINE "S-CR750"	SURVEY BOOK	SHEETS 72 of 89
			CONTRACT	PROJECT NH-075-3(014)

Date: 8/24/09
 Scale: 1"=100'
 Drawing File: S:\A\PROJ\210_IL\DWG\EXTFRAME.dwg (S22)
 R:\13272.06\05\AU\0200\14034\w22.dwg
 04-24-03 AT 15:27
 12.7
 DWH



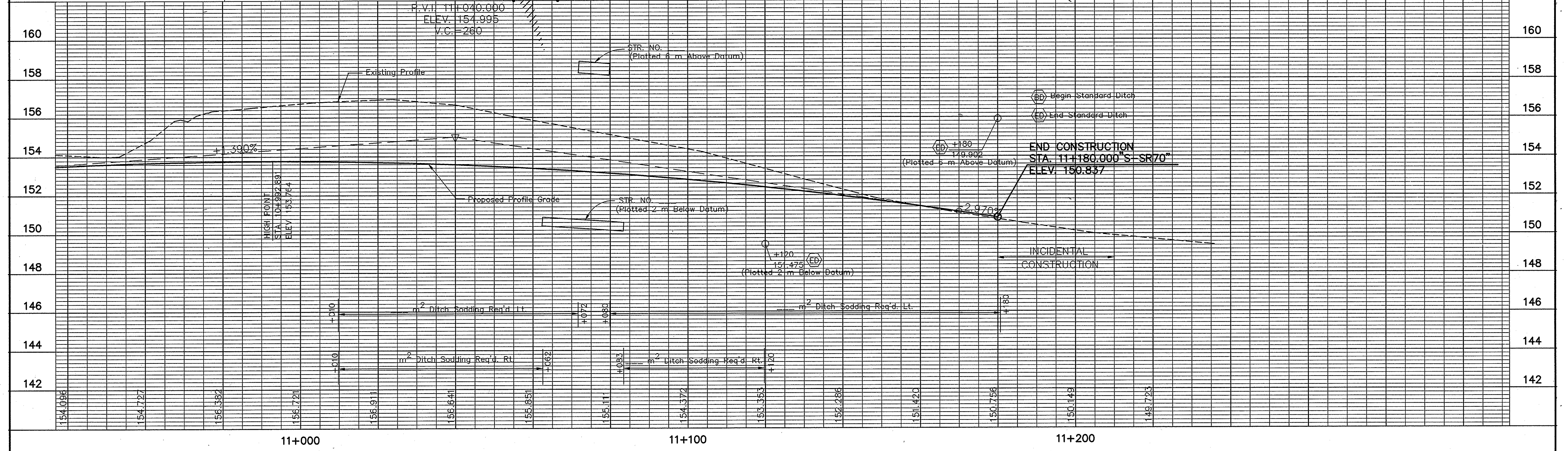
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	INDIANA DEPARTMENT OF TRANSPORTATION PLAN PROFILE LINE "S-SR70"	HORIZONTAL SCALE	BRIDGE FILE
DESIGNED: M.A.E.		DRAWN: R.D.S.				VERTICAL SCALE	DESIGNATION
CHECKED: R.D.S.		CHECKED: M.A.E.				1:500	0001230
						1:100	
						SURVEY BOOK	SHEETS
						73	of 89
						CONTRACT	PROJECT
						NH-075-3(014)	

Time: 9/24/99
 Scale: 1"=100'
 Drawing File: S:\A\PROJ\210_L\IND\EXFRAME.dwg (S22)
 Project: 373204
 Date: 04-24-03 AT 15:28
 R:\373204\05\10\2000\4034\w73.dwg



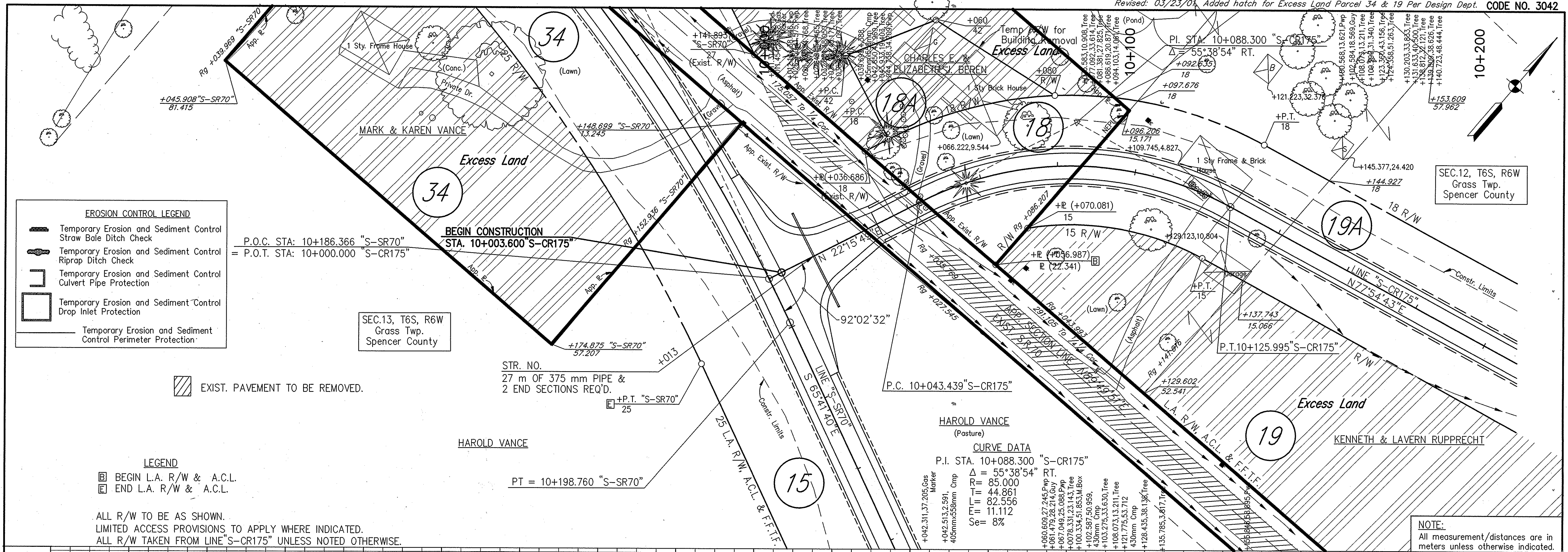
EROSION CONTROL LEGEND

- Temporary Erosion and Sediment Control Straw Bale Ditch Check
- Temporary Erosion and Sediment Control Riprap Ditch Check
- Temporary Erosion and Sediment Control Culvert Pipe Protection
- Temporary Erosion and Sediment Control Drop Inlet Protection
- Temporary Erosion and Sediment Control Perimeter Protection



RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		BRIDGE FILE	
DESIGNED: M.A.E.		DRAWN: R.D.S.		CHECKED: R.D.S.				CHECKED: M.A.E.		1:500	
PROJECT		SHEETS		CONTRACT		PLAN PROFILE		1:100		0001230	
NH-075-3(014)		76 of 89		LINE "S-SR70"		SURVEY BOOK		PROJECT		148-723	

Date: 11/17/09
 Scale: 1" = 100'
 Drawing File: S:\proj\10_10\DWG\TEXTFRAME.dwg (622)
 R: 1/27/07, 05/05/AUTOCAD/4034/wr78.dwg
 04-24-03 AT 15:25
 1
 DNH



- EROSION CONTROL LEGEND**
- Temporary Erosion and Sediment Control Straw Bale Ditch Check
 - Temporary Erosion and Sediment Control Riprap Ditch Check
 - Temporary Erosion and Sediment Control Culvert Pipe Protection
 - Temporary Erosion and Sediment Control Drop Inlet Protection
 - Temporary Erosion and Sediment Control Perimeter Protection

P.O.C. STA: 10+186.366 "S-SR70"
 = P.O.T. STA: 10+000.000 "S-CR175"

SEC.13, T6S, R6W
 Grass Twp.
 Spencer County

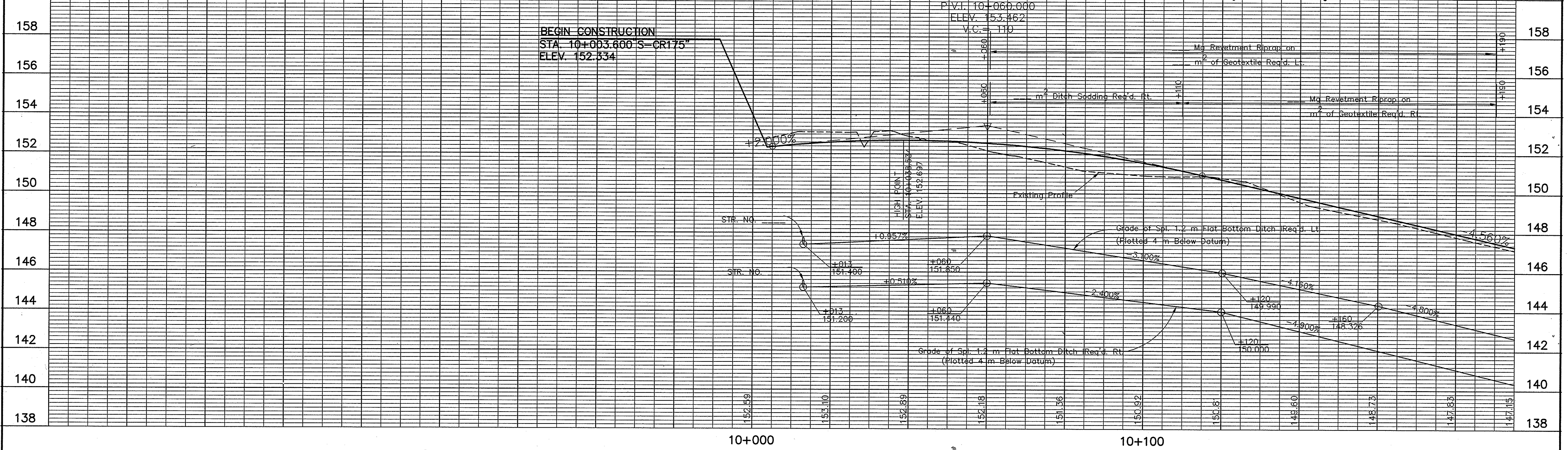
EXIST. PAVEMENT TO BE REMOVED.

- LEGEND**
- BEGIN L.A. R/W & A.C.L.
 - END L.A. R/W & A.C.L.

ALL R/W TO BE AS SHOWN.
 LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.
 ALL R/W TAKEN FROM LINE "S-CR175" UNLESS NOTED OTHERWISE.

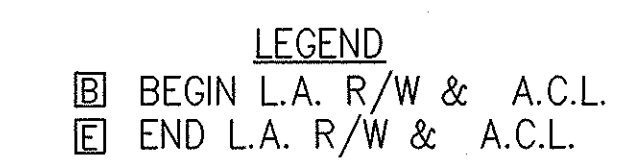
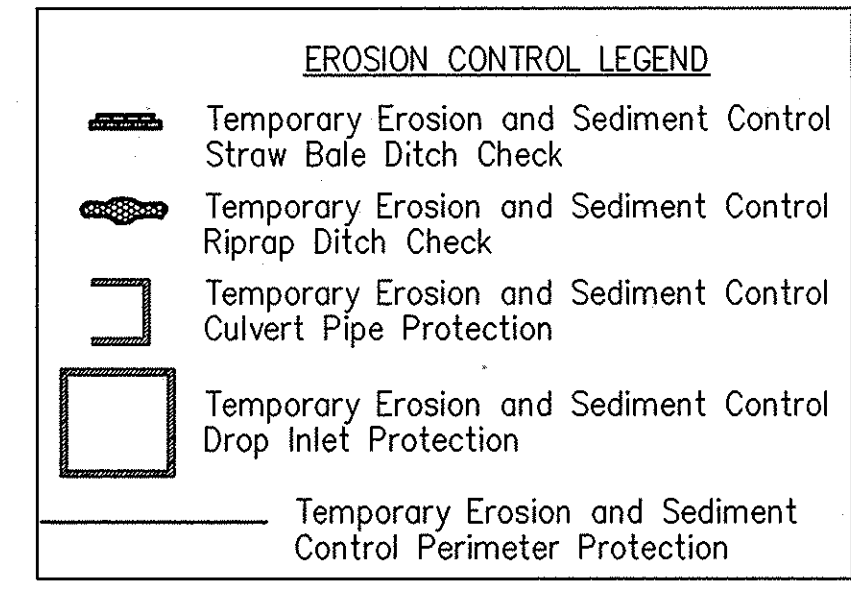
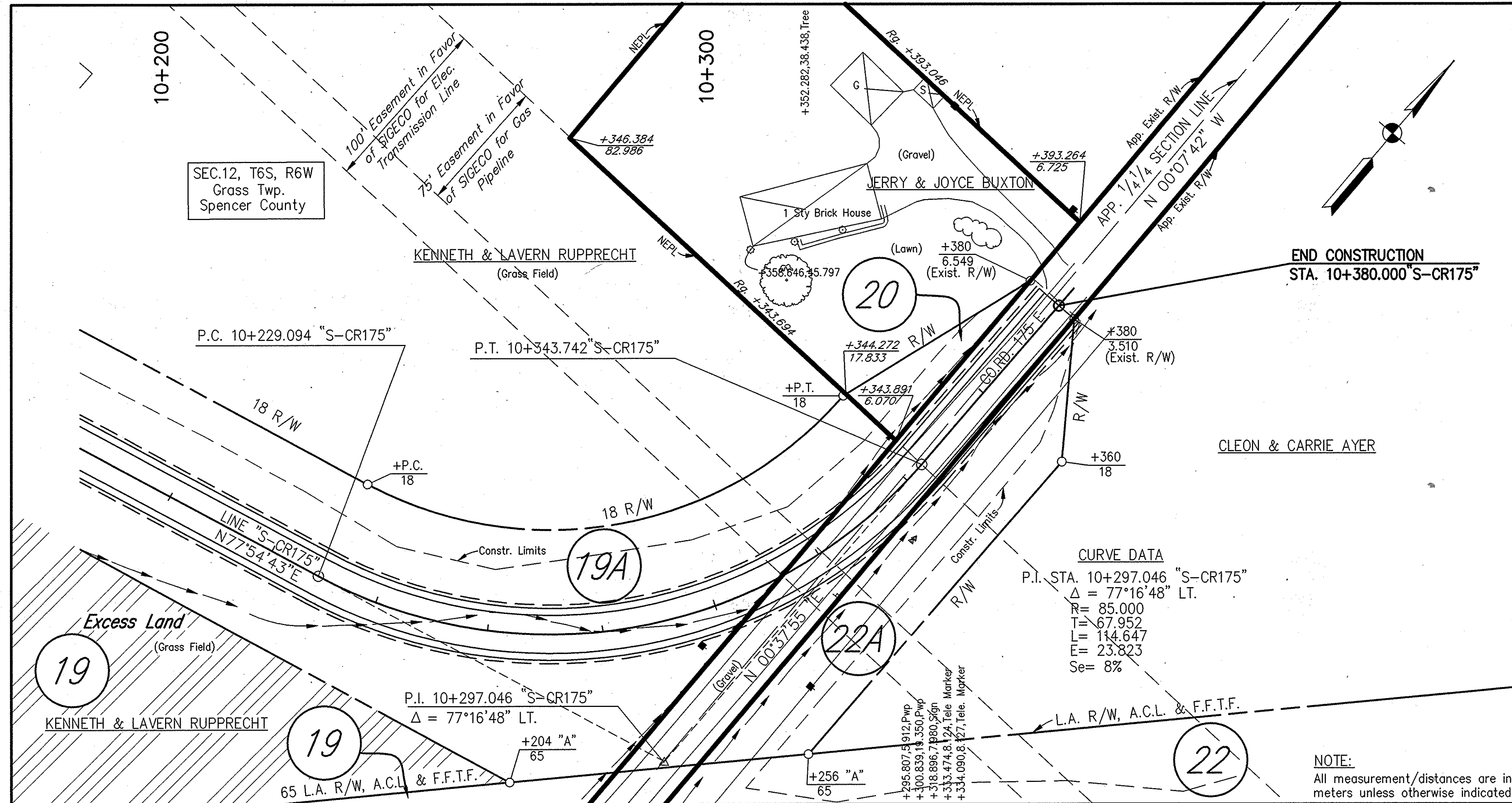
CURVE DATA
 P.I. STA. 10+088.300 "S-CR175"
 $\Delta = 55^\circ 38' 54"$ RT.
 R = 85.000
 T = 44.861
 L = 82.556
 E = 11.112
 Se = 8%

NOTE:
 All measurement/distances are in meters unless otherwise indicated.

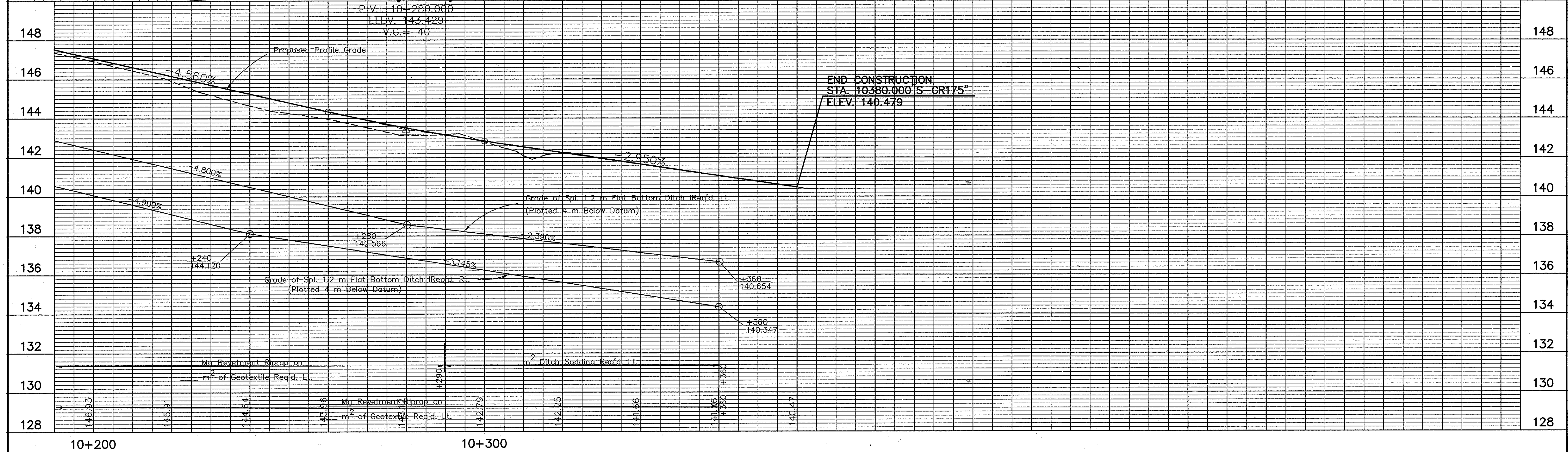


RECOMMENDED FOR APPROVAL DESIGN ENGINEER _____ DATE _____		HORIZONTAL SCALE 1:500 BRIDGE FILE	
		VERTICAL SCALE 1:100 DESIGNATION 0001230	
DESIGNED: M.A.E. CHECKED: R.D.S.		DRAWN: R.D.S. CHECKED: M.A.E.	
INDIANA DEPARTMENT OF TRANSPORTATION PLAN PROFILE LINE "S-CR175"		SURVEY BOOK 77 of 89 SHEETS CONTRACT NH-075-3(014) PROJECT	

Date: 8/24/99
 Date: 1/27/1999
 Scale: 1"=100'
 Drawing File: S:\88\PROJ\210\UNIV\TEMP\PRIME.dwg (S2)
 Project: 2727204
 04-24-03 AT 13:24
 R:\2727204\05\AUTOCAD\40341\p27.dwg
 12.7
 04



NOTE:
All measurement/distances are in meters unless otherwise indicated.
ALL R/W TO BE AS SHOWN.
LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.
ALL R/W TAKEN FROM LINE "S-CR175" UNLESS NOTED OTHERWISE.



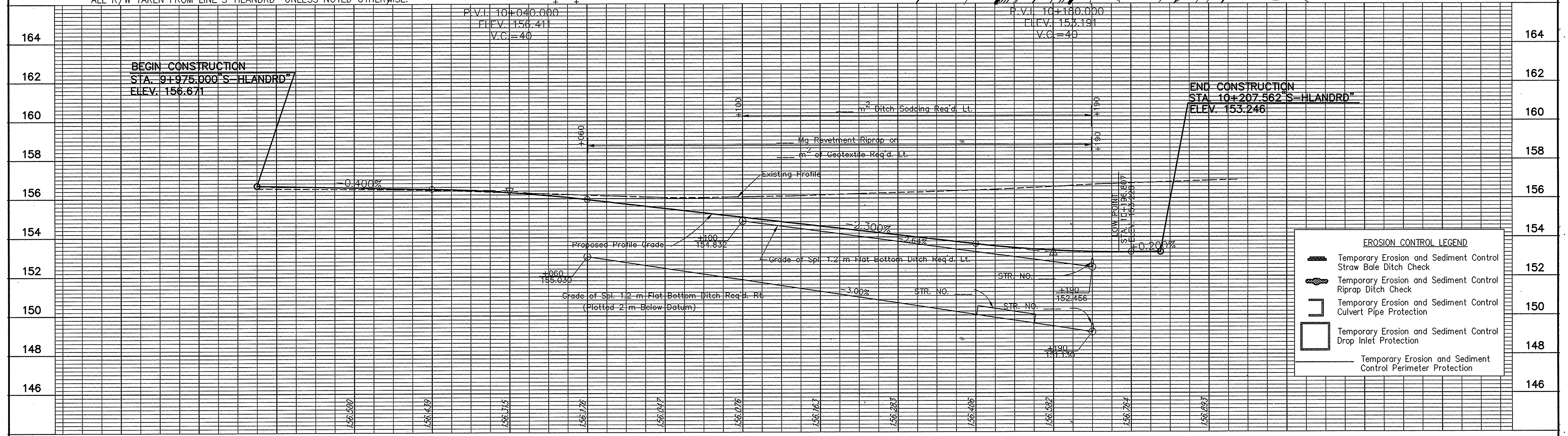
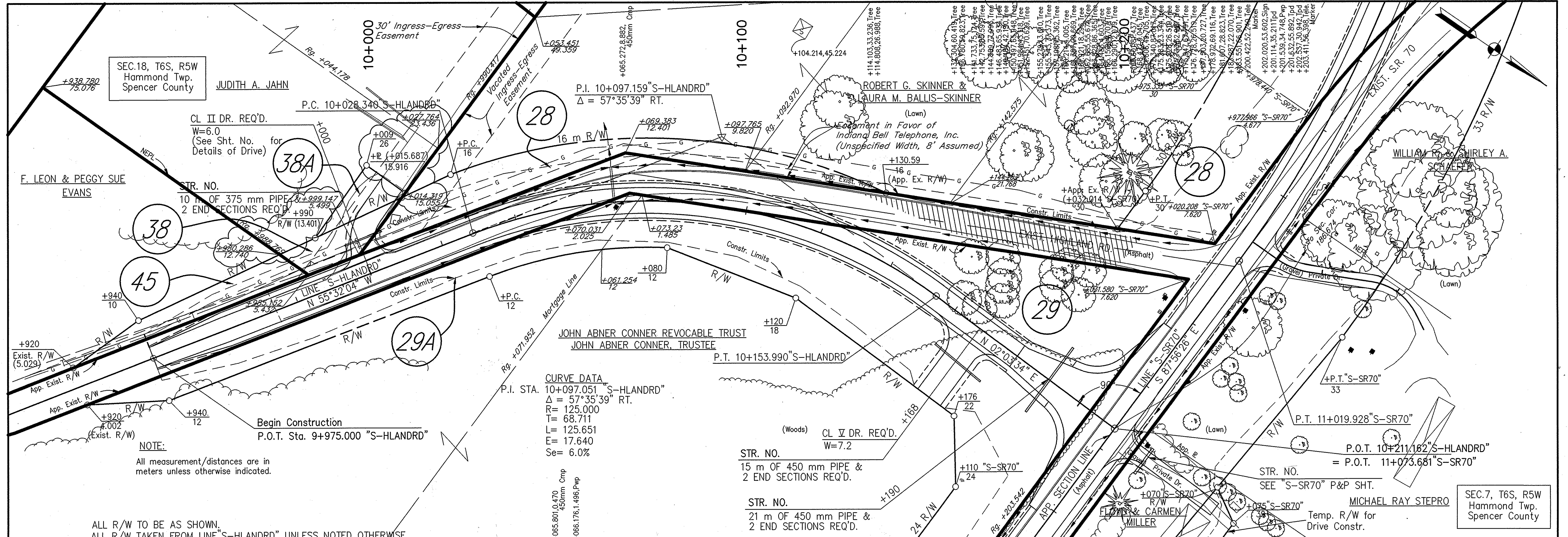
Date: 4/27/1999
 Scale: 1" = 100'
 Drawing File: S:\proj\proj\210\DWG\TEXT\TRMENG (S2) R:\222\06\05\AUTOCAD\4034\w78.dwg
 04-24-03 AT 15:23
 DWG

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: M.A.E.	DRAWN: R.D.S.	
CHECKED: R.D.S.	CHECKED: M.A.E.	

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN PROFILE
LINE "S-CR175"

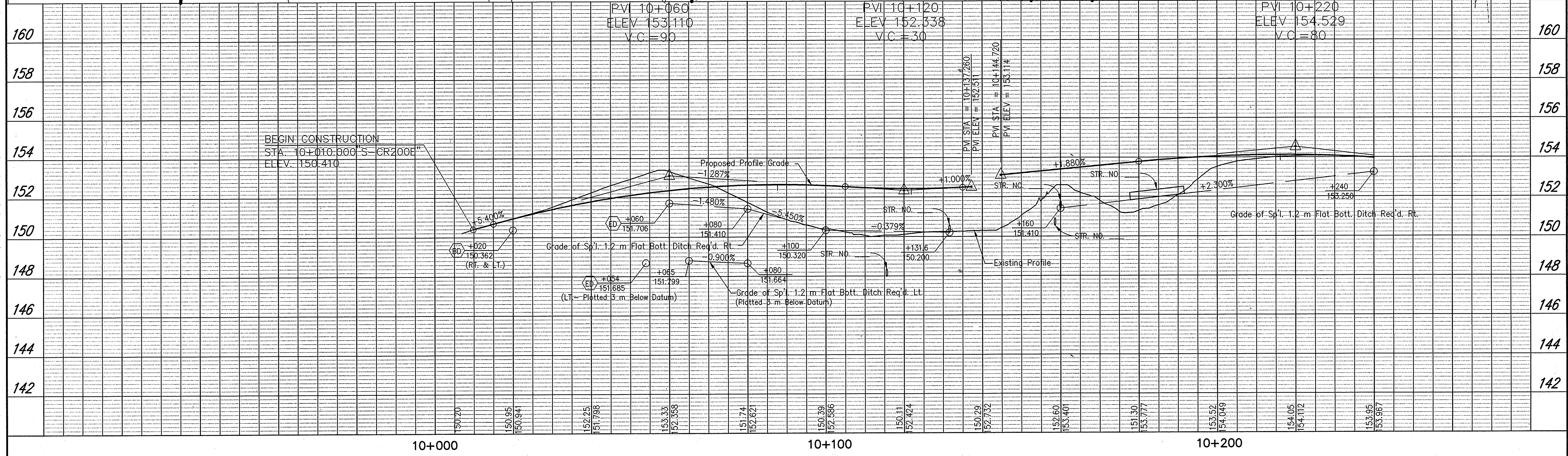
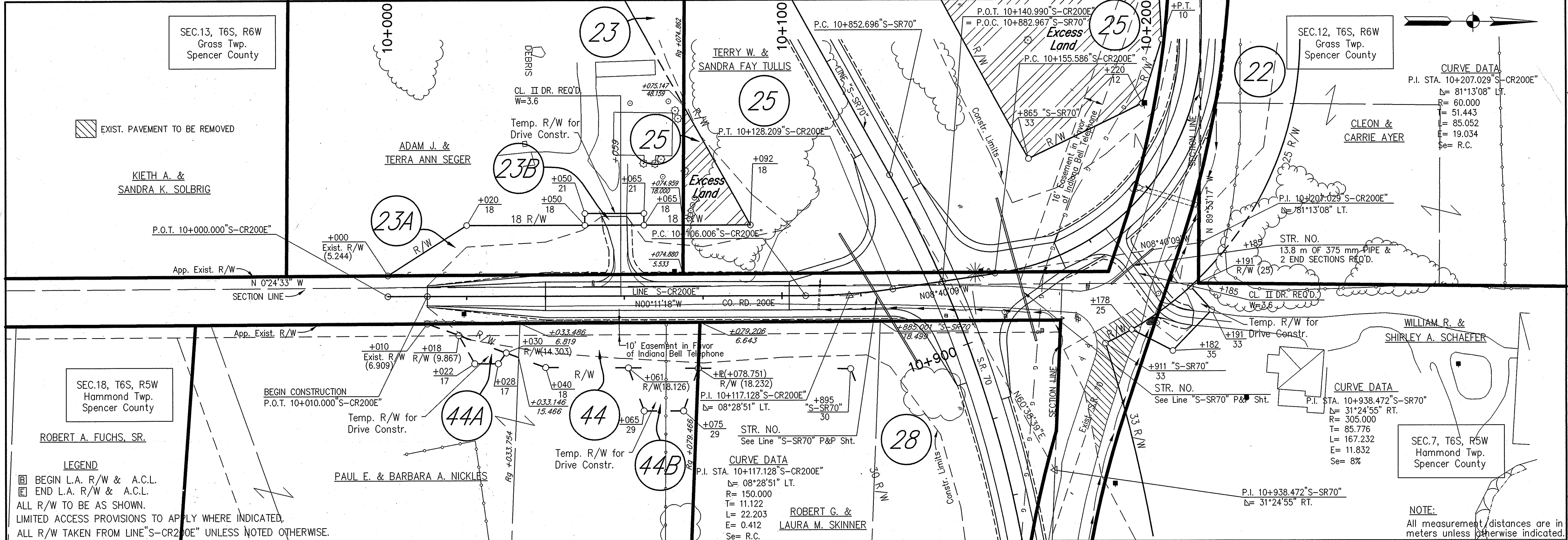
HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 0001230
SURVEY BOOK	SHEETS 78 of 89
CONTRACT	PROJECT NH-075-3(014)



	Temporary Erosion and Sediment Control Straw Bale Ditch Check
	Temporary Erosion and Sediment Control Riprap Ditch Check
	Temporary Erosion and Sediment Control Culvert Pipe Protection
	Temporary Erosion and Sediment Control Drop Inlet Protection
	Temporary Erosion and Sediment Control Perimeter Protection

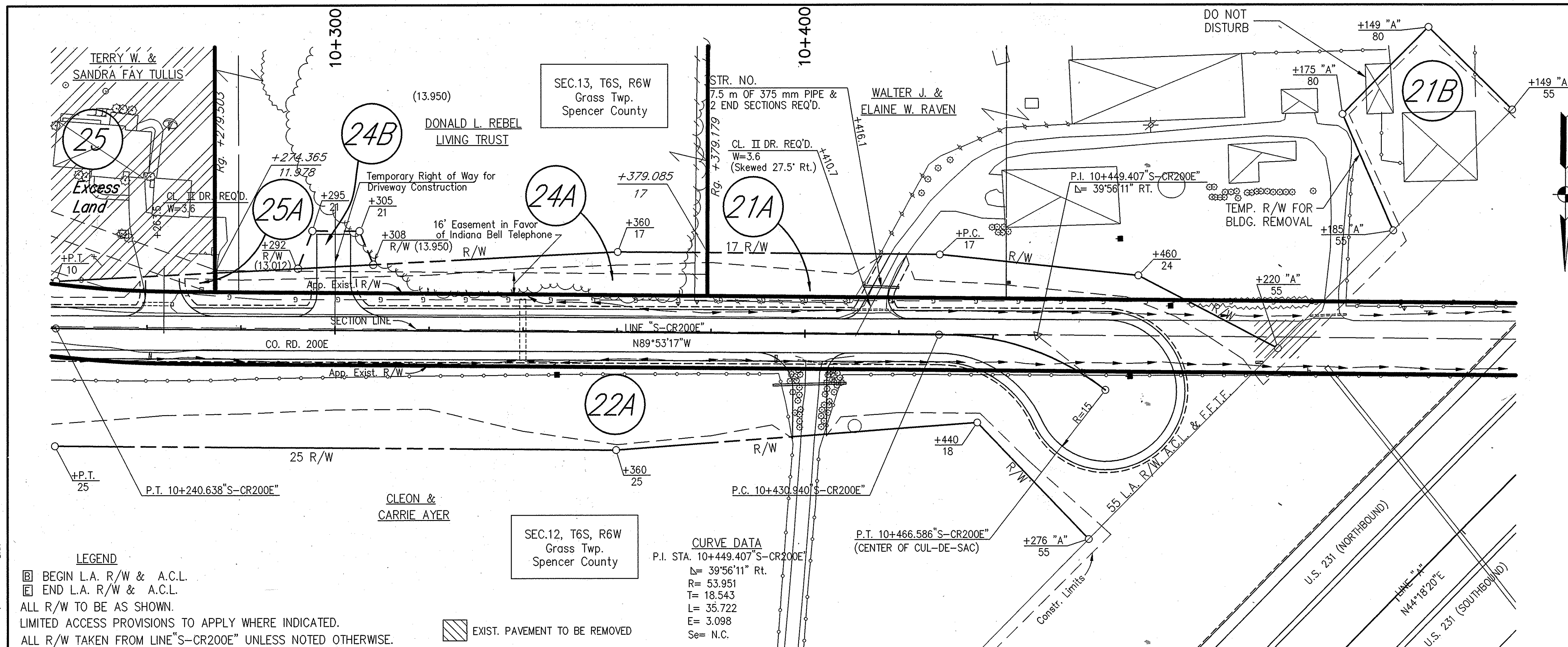
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE
DESIGNED: M.A.E.		DRAWN: R.D.S.		
CHECKED: R.D.S.		CHECKED: M.A.E.		
INDIANA DEPARTMENT OF TRANSPORTATION				
PLAN PROFILE LINE "S"-HLANDRD				
HORIZONTAL SCALE		BRIDGE FILE		
1:500				
VERTICAL SCALE		DESIGNATION		
1:100		0001230		
SURVEY BOOK		SHEETS		
		79 of 89		
CONTRACT		PROJECT		
		NH-075-3(014)		

Time: 22:26:35
 Date: 4/28/1999
 Scale: 1"=105'
 Drawing File: SdkA PROJ\210\DWG\TEXTFRAME.dwg (S22)
 R:\3737.06\05\AUTOCAD\4034\1979.dwg
 04-28-03 AT 15:21
 DMI



RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
DESIGNED: M.A.E.		DRAWN: J.W.M.			PLAN & PROFILE		1:500	DESIGNATION
CHECKED: R.D.S.		CHECKED: M.A.E.			LINE "S-CR200E"		1:100	0001230
							SURVEY BOOK	SHEETS
							80	of 98
							CONTRACT	PROJECT
								NH-075-3(014)

Date: 04/22/02
 Scale: 1"=500'
 Drawing File: Documents and Settings\jmlar\Desktop\231 revised row\lpr200a-1.dwg (Miller)
 R:\3237\05\05\AUTOCAD\4034\4480.dwg
 04-25-03 AT 02:38
 DWG

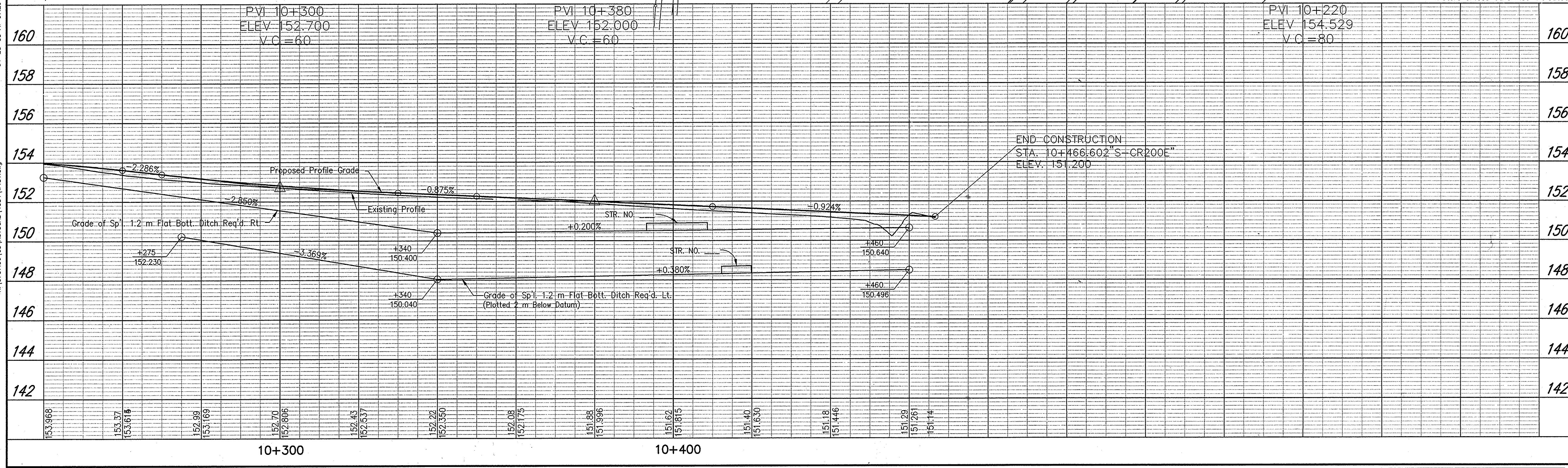


LEGEND
 [Symbol] BEGIN L.A. R/W & A.C.L.
 [Symbol] END L.A. R/W & A.C.L.
 ALL R/W TO BE AS SHOWN.
 LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.
 ALL R/W TAKEN FROM LINE "S-CR200E" UNLESS NOTED OTHERWISE.

[Symbol] EXIST. PAVEMENT TO BE REMOVED

CURVE DATA
 P.I. STA. 10+449.407 "S-CR200E"
 Δ= 39°56'11" Rt.
 R= 53.951
 T= 18.543
 L= 35.722
 E= 3.098
 Se= N.C.

NOTE:
 All measurement/distances are in meters unless otherwise indicated.



	INDIANA DEPARTMENT OF TRANSPORTATION PLAN & PROFILE LINE "S-CR200E"	HORIZONTAL SCALE 1:500 VERTICAL SCALE 1:100 SURVEY BOOK 81 of 89 CONTRACT NH-075-3(014)
	RECOMMENDED FOR APPROVAL DESIGN ENGINEER _____ DATE _____ DRAWN: J.W.M. CHECKED: M.A.E.	

Time: 16:23:50
 Date: 9/19/02
 Drawing File: Documents and Settings\Miller\Desktop\231 revised row\pccr200e-2.dwg (Miller)
 R: 13727.06 05 14/07/02 140341 w481.dwg
 04-25-03 AT 02:29

PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH m	LENGTH m	RAJOL m	DISTANCE BEYOND R/W LINE m	SURFACE BEYOND R/W LINE			GRADE	EXCAVATION		CEMENT CONC. PAVEMENT FOR DRIVEWAYS m ²	HMA FOR APPROACHES		COMPACTED AGGREGATE FOR BASE NO. 53				QC/QA HMA, MAINLINE				QC/QA HMA BASE 25.0mm SHOULDER kg/m ²	SEAL COAT TYPE 2 m ²	SEAL COAT TYPE 5 m ²	ASPHALT MATERIAL FOR		COMPACTED AGGREGATE FOR SURFACE NO. 73		PLAIN CEMENT CONCRETE PAVEMENT DEPTH m ²	REMARKS				
						CONCRETE	HMA FOR APPR.	AGGREGATE BASE		1 %	2 %		CUT m ³	FILL m ³	DEPTH (mm)		QC/QA HMA SURFACE 9.5mm kg/m ²	QC/QA HMA INTERMEDIATE 19.0mm kg/m ²	QC/QA HMA BASE 25.0mm kg/m ²	kg/m ²	180 kg/m ²	Mg				PRIME COAT m ²	TACK COAT m ²	150 Mg	Mg						
															150	200																			
													CONCRETE		DEPTH (mm)		kg/m ²				Mg					m ²		Mg							
LINE "A"																																			
MAINLINE																																			
STA. 3+849.572 LT.	MOD. RD. APP. "B"	12.0	101.3	50/50					0.960																										
STA. 3+849.572 RT.	MOD. RD. APP. "B"	18.0	90.9	50/50					0.400																										
STA. 5+499.466 LT.	RD. APP. "B"	6.6	38.1	11.9/11.9					1.000																										
STA. 5+499.466 RT.	RD. APP. "B"	8.2	38.1	11.9/11.9					1.000																										
STA. 7+932.707 LT.	RD. APP. "B"	6.6	30.5	11.9/11.9					1.000																										
STA. 7+932.707 RT.	RD. APP. "B"	6.6	30.8	11.9/11.9					1.000																										
STA. 10+350.570 RT.	MOD. RD. APP. "B"	15.8	148.9	50/50					0.800	0.750																									
STA. 13+025.000 RT.	RD. APP. "B"	7.2	36.7	10.2/10.2					1.000																										
STA. 13+025.000 LT.	RD. APP. "B"	7.2	36.7	10.2/10.2					0.000																										
LINE "S-CR200N"																																			
MAINLINE																																			
STA. 10+170.000 LT.	CL. V DRIVE	7.2	19.6	4.6/7.7					1.200																										
STA. 10+731.000 LT.	MOD. CL. IV DRIVE	6.0	33.6	12/12																															
LINE "S-CR250"																																			
MAINLINE																																			
STA. 10+122.248 RT.	RD. APP. "B"	7.2	27.4	12/12					0.801																										
STA. 10+122.248 LT.	RD. APP. "B"	6.6	27.4	12/12					0.800																										
STA. 10+426.000 RT.	CL. IV DRIVE	6.0	21.7	6/6					0.100																										
STA. 10+426.000 LT.	CL. IV DRIVE	6.0	15.9	6/6					2.800																										
STA. 10+748.000 RT.	CL. IV DRIVE	6.0	12.5	6/6					2.900																										
STA. 10+830.000 LT.	CL. IV DRIVE	6.0	-	6/6					-																										
STA. 10+891.000 RT.	CL. IV DRIVE	6.0	11.9	6/6					-																										
LINE "S-CR350"																																			
MAINLINE																																			
STA. 10+158.000 RT.	CL. V DRIVE	7.2	10.5	7.7/4.6					6.900																										
STA. 10+180.000 LT.	CL. V DRIVE	7.2	11.8	4.6/7.7					0.800																										
STA. 10+254.000 RT.	CL. V DRIVE	7.2	10.5	7.7/4.6					7.500																										
STA. 10+258.000 LT.	CL. V DRIVE	7.2	13.5	4.6/7.7					2.200																										
STA. 10+395.445 LT.	RD. APP. "B"	7.2	26.0	12/12					-																										
STA. 10+652.190 RT.	RD. APP. "B"	7.2	18.6	12/12					0.700																										
LINE "S-NAEPENT"																																			
MAINLINE																																			
STA. 10+371.000 LT.	CL. V DRIVE	7.2	19.6	4.6/7.7					9.900																										
STA. 10+654.000 LT.	CL. V DRIVE	7.2	14.6	4.6/7.7					3.400																										
STA. 10+908.000 LT.	CL. II DRIVE	7.2	16.2	4.6/7.7					10.000																										
LINE "S-CR500"																																			
MAINLINE																																			
STA. 10+130.758 LT.	RD. APP. "B"	7.2	27.4	12/12					0.800																										
STA. 10+130.758 RT.	RD. APP. "B"	7.2	27.4	12/12					1.000																										
LINE "S-AK"																																			
MAINLINE																																			
STA. 10+114.000 RT.	MOD. CL. IV DRIVE	10.8	31.6	30/12					-																										
LINE "S-SR70"																																			
MAINLINE																																			
STA. 10+042.000 RT.	MOD. CL. II DRIVE	3.6	-	7.7/4.6					-																										
STA. 10+186.366 LT.	RD. APP. "B"	6.6	27.4	12/12					2.000																										
STA. 10+449.000 RT.	CL. V DRIVE	7.2	13.8	7.7/4.6					15.000																										
STA. 10+630.539 LT.	RD. APP. "B"	7.2	27.4	12/12					-																										
STA. 10+630.539 RT.	RD. APP. "B"	7.2	27.4	12/12					-																										
STA. 11+014.000 LT.	MOD. CL. II DRIVE	3.6	32.3	4.6/7.7					-																										
STA. 11+073.681 RT.	RD. APP. "B"	6.6	27.6	12/12					0.200																										
STA. 11+076.000 LT.	CL. II DRIVE	7.2	26.3	4.6/7.7	3.0				14.600																										
LINE "S-CR175"																																			
MAINLINE																																			
LINE "S-HLANDRD"																																			
MAINLINE																																			
STA. 10+168.000 RT.	CL. V DRIVE	7.2	18.8	7.7/4.6					-																										

10/20/2000
 Date: 4/17/2000
 Printed By: Saha, PRAVIL KUMAR, 2000

RECOMMENDED FOR APPROVAL _____ DATE _____
 DESIGNER _____
 CHECKED: M.A.E. _____
 DRAWN: J.W.M. _____
 CHECKED: R.D.S. _____

INDIANA
DEPARTMENT OF TRANSPORTATION
PAVEMENT QUANTITIES & APPROACH TABLE

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	8461360
SURVEY BOOK	SHEETS
	89 of 89
CONTRACT	PROJECT
	NH-075-3(014)