

**Drain:** JR COVINS #1      **Drain #:** 88  
**Improvement/Arm:** MERIDIAN CORNERS BLVD RELOCATION  
**Operator:** J. LIVINGSTON      **Date:** 11-19-03  
**Drain Classification:** Urban/Rural      **Year Installed:** 1999

### GIS Drain Input Checklist

- Pull Source Documents for Scanning JLF
- Digitize & Attribute Tile Drains n/a
- Digitize & Attribute Storm Drains JLF
- Digitize & Attribute SSD n/a
- Digitize & Attribute Open Ditch n/a
- Stamp Plans JLF
- Sum drain lengths & Validate JLF
- Enter Improvements into Posse SLM
- Enter Drain Age into Posse n/a
- Sum drain length for Watershed in Posse n/a
- Check Database entries for errors JLF

**Gasb 34 Footages for Historical Cost  
Drain Length Log**

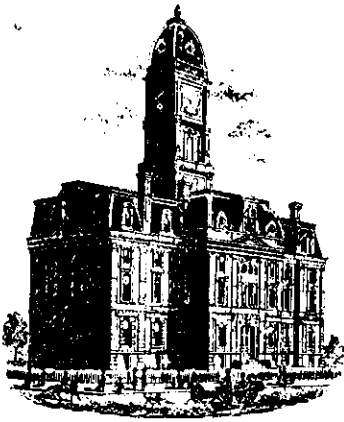
Drain-Improvement: JR COLLINS #1 - MERIDIAN CORNERS BLVD RELOCATION

Drain Type:	Size:	Length ( )	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
RCP	12"	105'	105'			
	15"	16'	16"			
	21"	24'	24'			
	24"	168'	168'			

Sum: 313'     313'     \$34702.00

Final Report: 313'

Comments:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



SURVEYOR'S OFFICE

# Hamilton County

Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

Suite 146

One Hamilton County Square

Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

November 18, 1999

Re: J. R. Collins #1 Drain

Attached is a petition and plans for the proposed relocation of the J. R. Collins #1 Drain. The relocation is being proposed by Duke-Weeks. The proposal is to extend the original reconstruction which was set out in my report dated September 12, 1988. The extension will involve four lateral locations along Meridian Corners Blvd.

This line will consist of the following:

105 feet of 12" RCP located at or near Sta. 13+45. This is a Structure added since 1988 and will become part of the regulated drain at this time.

- 6 ft 15" RCP between Str. 12 and 14 ✓
- 10 ft 15" RCP between Str. 10 and 11 ✓
- 24 ft 21" RCP between Str. 10 and 13 ✓
- 60 ft 24" RCP between Str. 15 and 15A ✓
- 16 ft 24" RCP between Str. 15 and 16 ✓
- 8 ft 24" RCP between Str. 16 and 17 ✓
- 60 ft 24" RCP between Str. 18 and 18A ✓
- 16 ft 24" RCP between Str. 18 and 19 ✓
- 8 ft 24" RCP between Str. 19 and 20 ✓

The total length of new tile shall be 313 feet. This proposal will add an additional 313 feet to the drains total length.

The cost of the relocation is to be paid by Duke-Weeks. Because the project is to be paid by the petitioner and is within the boundaries of the petitioner's property, the project falls under the requirements as set out in IC 36-9-27-52.5. Therefore, a hearing is not required for the petition.

The petitioner has provided the Performance Bond as follows:

Name of Bonding Co.: Reliance Insurance Co.

Bond #: B-2962999

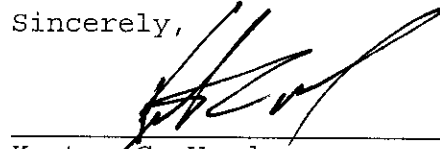
Bond Date: November 18, 1999

Bond Amount: \$34,702.00

Bond Term (1Year Max): November 18, 2000

I recommend approval by the Board at this time.

Sincerely,



---

Kenton C. Ward  
Hamilton County Surveyor

KCW/kkw

# THE AMERICAN INSTITUTE OF ARCHITECTS



HCDB -B99032

Bond Number: B2 96 29 99

AIA Document A312

## Performance Bond

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

**CONTRACTOR (Name and Address):**  
Duke Construction  
8888 Keystone Crossing, Suite 1100  
Indianapolis, IN 46240

**SURETY (Name and Principal Place of Business):**  
Reliance Insurance Company  
9100 Shelbyville Road, Suite 270  
Louisville, KY 40222

**OWNER (Name and Address):**  
Hamilton County Surveyor  
One Hamilton County Square, Suite 146  
Noblesville, IN 46060

### CONSTRUCTION CONTRACT

Date: November 1, 1999

Amount: \$34,702.00

Description (Name and Location):

Channel in Indiana. Work includes repair, replacement and installation of 18" diameter pipe and pipe for the road project. System connects to the J.R. Collins Legal Drain.

### BOND

Date (Not earlier than Construction Contract Date): November 18, 1999

Amount: [REDACTED]

Modifications to this Bond:

None

See Page 3

### CONTRACTOR AS PRINCIPAL

Company: DUKE CONSTRUCTION (Corporate Seal)

Signature: [Signature]  
Name and Title: Blair D. Carmosino,  
Development Services

### SURETY

Company: RELIANCE INSURANCE COMPANY (Corporate Seal)

Signature: [Signature]  
Name and Title: John C. Plate, Attorney-in-Fact

(Any additional signatures appear on page 3)

(FOR INFORMATION ONLY—Name, Address and Telephone)

**AGENT or BROKER:**  
Patterson//Smith Associates  
2755 Hartland Road  
Falls Church, VA 22043  
(703) 205-8775

**OWNER'S REPRESENTATIVE (Architect, Engineer or other party):**

**Reliance Insurance Company  
SURETY BOND ENDORSEMENT**

HCDB-B99032A

Bond Number: B2 96 29 99

To be attached to and form a part of Performance Bond, issued by the undersigned company, as Surety on behalf of Duke Construction as Principal, in favor of Hamilton County Surveyor, as Owner,

Effective 11/18/99, the Principal and the Surety hereby agree to amend the attached bond as follows:

The Owner name is amended From "Hamilton County Surveyor" To "Hamilton County Board of Commissioners".

All else remains the same.

Provided that the liability under this endorsement shall be part of, and not in addition to, the liability under the attached Bond, and in no event shall be cumulative.

Nothing herein contained shall vary, alter or extend any of the provisions, conditions, or other terms of this bond except as above stated.

SIGNED, SEALED, DATED: November 23, 1999

DUKE CONSTRUCTION  
(Principal)

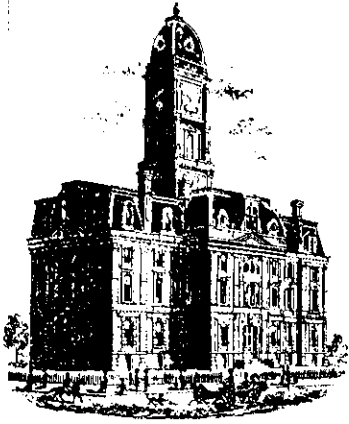
RELIANCE INSURANCE COMPANY  
(Surety)

By: \_\_\_\_\_  
Blair D. Carosino  
Development Services

By:  \_\_\_\_\_  
John C. Plate  
Attorney-In-Fact

Hamilton County Board of Commissioners  
(Owner)

Accepted by: \_\_\_\_\_



SURVEYOR'S OFFICE  
**Hamilton County**

*Kenton C. Ward, Surveyor*

*Phone (317) 776-8495*

*Fax (317) 776-9628*

*Suite 188*

*One Hamilton County Square  
Noblesville, Indiana 46060-2230*

To: Hamilton County Drainage Board

August 14, 2003

Re: JR Collins Drain: Meridian Corners Blvd.  
Relocation

Attached are as-builts, certificate of completion & compliance, and other information for Meridian Corners Blvd. Relocation. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction, changes there were no significant changes made to the drainage plans submitted with my report for this drain dated November 18, 1999. The report was approved by the Board at the hearing held November 22, 1999. (See Drainage Board Minutes Book 5, Page 282 ). Therefore, the length of the drain remains at **313 feet**.

The bond or letter of credit from Reliance Insurance Co., number B2962999; dated November 18, 1999; in the amount of \$34,702; was released November 25, 2002.


I recommend the Board approve the drain's construction as complete and acceptable.

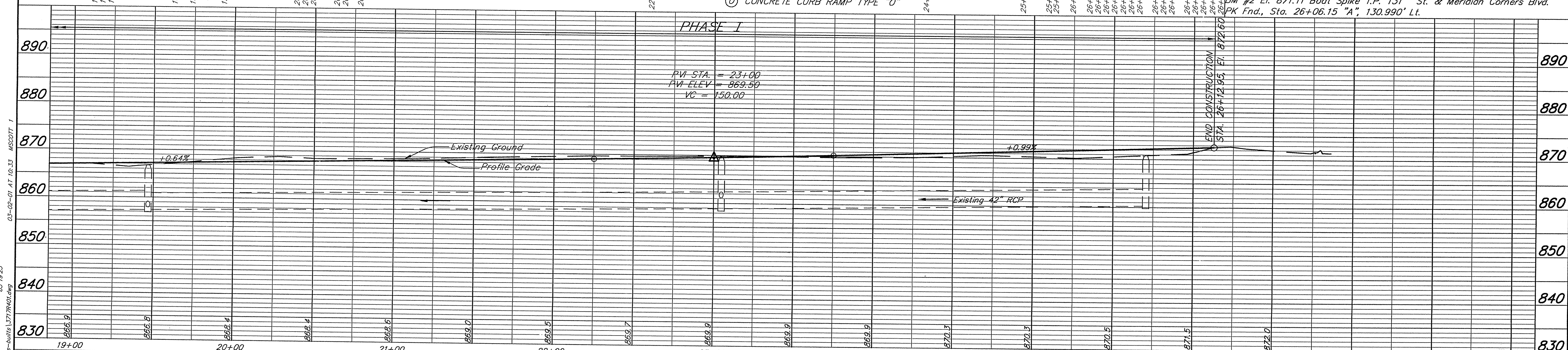
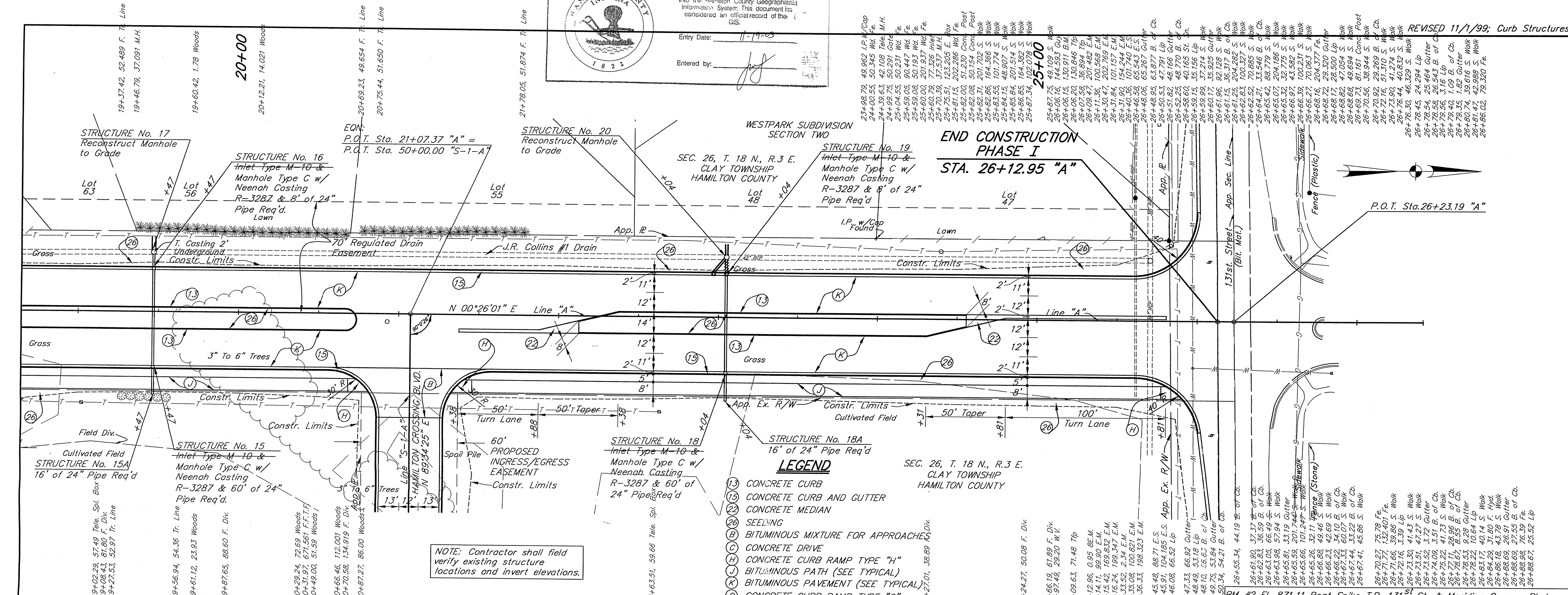
Sincerely,

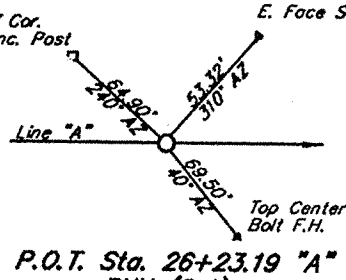

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Kenton C. Ward,  
Hamilton County Surveyor

KCW/slm


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 Entry Date: 11-17-03  
 Entered by: *[Signature]*

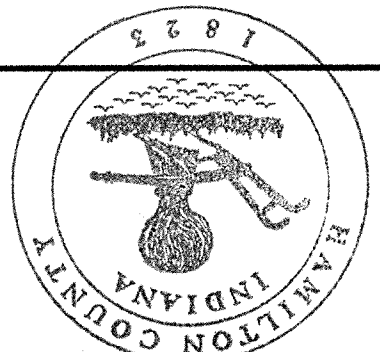


<p>RECORD DRAWINGS OF CONSTRUCTED PROJECT PER INFORMATION BY CONTRACTOR. DATED: 3-2-01</p>	 P.O.T. Sta. 26+23.19 "A" PKN (Sat)		<p>RECOMMENDED FOR APPROVAL <i>[Signature]</i></p> <p>DESIGNED: B.Z.      DRAWN: D.B.</p> <p>CHECKED: A.H.      CHECKED: B.Z.</p>	<p><b>Duke</b>          Realty Investments          8888 Keystone Crossing          Suite 1200          Indianapolis, IN 46240          Phone: (317) 846-4700          Fax: (317) 574-3693</p>	<p><b>MERIDIAN CORNERS BLVD. LINE "A"</b></p> <p>CARMEL INDIANA</p> <p><b>Butler, Fairman and Seufert Inc.</b>          ENGINEERS          INDIANAPOLIS INDIANA</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE</td> <td>FILE</td> </tr> <tr> <td>1"=30'</td> <td>3717</td> </tr> <tr> <td>VERTICAL SCALE</td> <td>DESIGNATION</td> </tr> <tr> <td>1"=10'</td> <td></td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEET</td> </tr> <tr> <td></td> <td>5 OF 29</td> </tr> <tr> <td>CONTRACT</td> <td>PROJECT</td> </tr> <tr> <td></td> <td></td> </tr> </table>	HORIZONTAL SCALE	FILE	1"=30'	3717	VERTICAL SCALE	DESIGNATION	1"=10'		SURVEY BOOK	SHEET		5 OF 29	CONTRACT	PROJECT		
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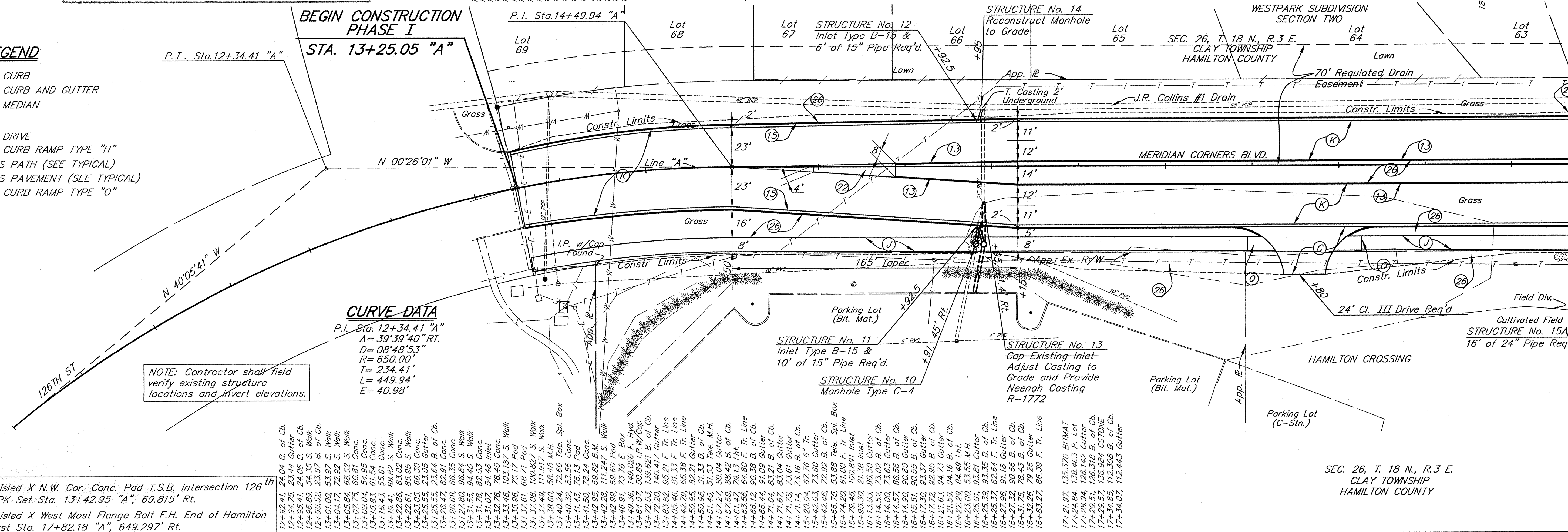
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 OCT 28 2002  
 OFFICE OF RECORDS AND MAPS



Entered by: JML  
Empty Date: 11-19-03  
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- LEGEND**
- (13) CONCRETE CURB
  - (13) CONCRETE CURB AND GUTTER
  - (22) CONCRETE MEDIAN
  - (26) SEEDING
  - (C) CONCRETE DRIVE
  - (H) CONCRETE CURB RAMP TYPE "H"
  - (J) BITUMINOUS PATH (SEE TYPICAL)
  - (K) BITUMINOUS PAVEMENT (SEE TYPICAL)
  - (O) CONCRETE CURB RAMP TYPE "O"

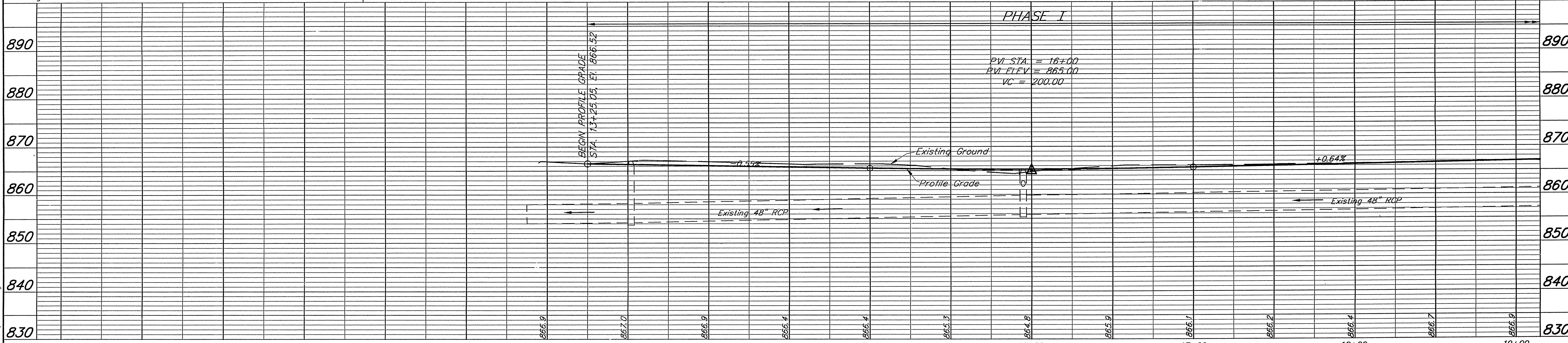


NOTE: Contractor shall field verify existing structure locations and invert elevations.

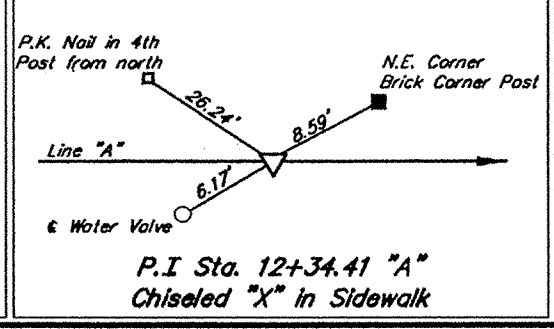
**CURVE DATA**  
P.I. Sta. 12+34.41 "A"  
Δ = 39°39'40" RT.  
D = 08°48'53"  
R = 650.00'  
T = 234.41'  
L = 449.94'  
E = 40.98'

BM #1 El. 866.95 Chisled X N.W. Cor. Conc. Pad T.S.B. Intersection 126<sup>th</sup> St. & Dorsett Blvd. PK Set Sta. 13+42.95 "A", 69.815' Rt.  
BM #3 El. 867.60 Chisled X West Most Flange Bolt F.H. End of Hamilton Crossing Blvd. 25' East Sta. 17+82.18 "A", 649.297' Rt.

12+92.41	24.04 B. of Ch.
12+94.75	23.44 Gutter
12+95.41	24.06 B. of Ch.
12+96.89	54.35 S. Walk
12+98.52	23.97 B. of Ch.
13+01.00	53.97 S. Walk
13+04.17	72.92 S. Walk
13+05.84	68.52 S. Walk
13+07.75	68.81 Conc.
13+09.04	54.95 Conc.
13+10.33	55.81 Conc.
13+11.63	55.81 Conc.
13+13.91	88.82 S. Walk
13+15.26	63.02 Conc.
13+16.61	85.95 S. Walk
13+18.05	66.30 Conc.
13+19.49	23.05 Gutter
13+20.93	23.64 B. of Ch.
13+22.37	62.91 Conc.
13+23.81	96.32 Conc.
13+25.25	94.40 S. Walk
13+26.69	82.03 Conc.
13+28.13	54.48 Inlet
13+29.57	103.19 S. Walk
13+31.01	68.71 Pad
13+32.45	100.87 S. Walk
13+33.89	58.48 M.H. Spl. Box
13+35.33	72.60 Tele. Spl. Box
13+36.77	83.56 Conc.
13+38.21	76.13 Pad
13+39.65	78.24 Conc.
13+41.09	69.82 B.M.
13+42.53	111.247 S. Walk
13+43.97	69.60 Pad
13+45.41	13.76 E. Box
13+46.85	13.76 E. Box
13+48.29	50.89 I.P. w/ Cap
13+49.73	139.621 B. of Ch.
13+51.17	140.417 Gutter
13+52.61	83.82 95.21 F. Tr. Line
13+54.05	81.33 F. Tr. Line
13+55.49	65.38 F. Tr. Line
13+56.93	92.21 Gutter
13+58.37	51.53 B. of Ch.
13+59.81	89.04 Gutter
14+01.25	88.42 B. of Ch.
14+02.69	79.13 Lht.
14+04.13	64.80 F. Tr. Line
14+05.57	90.38 B. of Ch.
14+07.01	91.09 Gutter
14+08.45	83.21 B. of Ch.
14+09.89	73.61 Gutter
14+11.33	73.16 B. of Ch.
14+12.77	67.76 6" Tr.
14+14.21	73.60 Gutter
14+15.65	72.92 B. of Ch.
14+17.09	53.88 Tele. Spl. Box
14+18.53	61.00 F. Tr. Line
14+19.97	100.891 Inlet
14+21.41	21.38 Inlet
14+22.85	75.09 Gutter
14+24.29	73.63 Gutter
14+25.73	86.56 B. of Ch.
14+27.17	90.80 Gutter
14+28.61	90.55 B. of Ch.
14+30.05	93.37 Gutter
14+31.49	92.95 B. of Ch.
14+32.93	94.73 Gutter
14+34.37	94.16 B. of Ch.
14+35.81	53.55 M.H.
14+37.25	53.81 Gutter
14+38.69	93.35 B. of Ch.
14+40.13	62.64 F. Tr. Line
14+41.57	90.66 B. of Ch.
14+43.01	78.43 B. of Ch.
14+44.45	72.26 Gutter
14+45.89	86.39 F. Tr. Line
14+47.33	135.370 BITMAT
14+48.77	138.463 P. Lot
14+50.21	126.142 Gutter
14+51.65	126.318 B. of Ch.
14+53.09	136.984 C/STONE
14+54.53	112.308 B. of Ch.
14+55.97	112.443 Gutter



RECORD DRAWINGS OF CONSTRUCTED PROJECT PER INFORMATION BY CONTRACTOR. DATED: 3-2-01



RECOMMENDED FOR APPROVAL: *MJD* 10/1/03  
DESIGN ENGINEER DATE


DESIGNED: B.Z. DRAWN: D.B.  
CHECKED: A.H. CHECKED: B.Z.

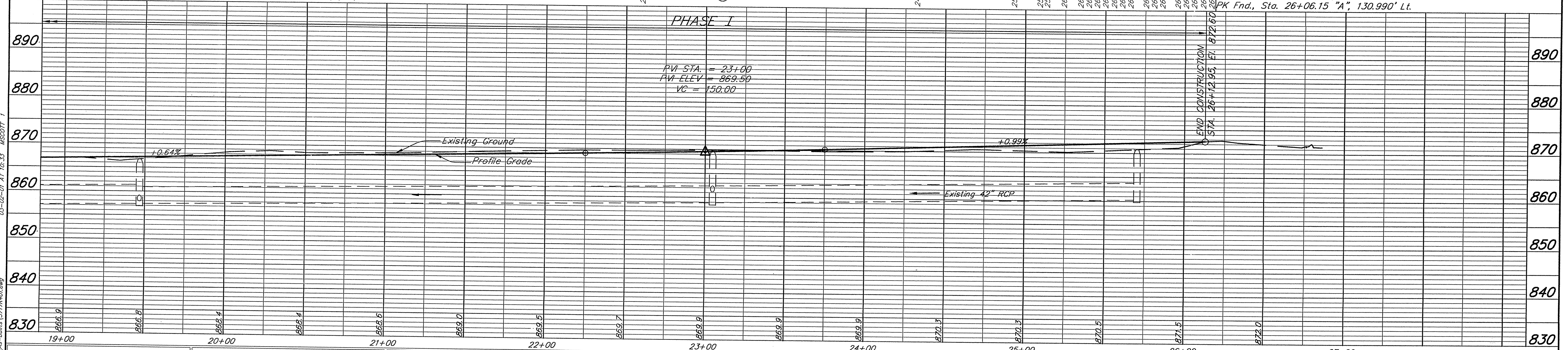
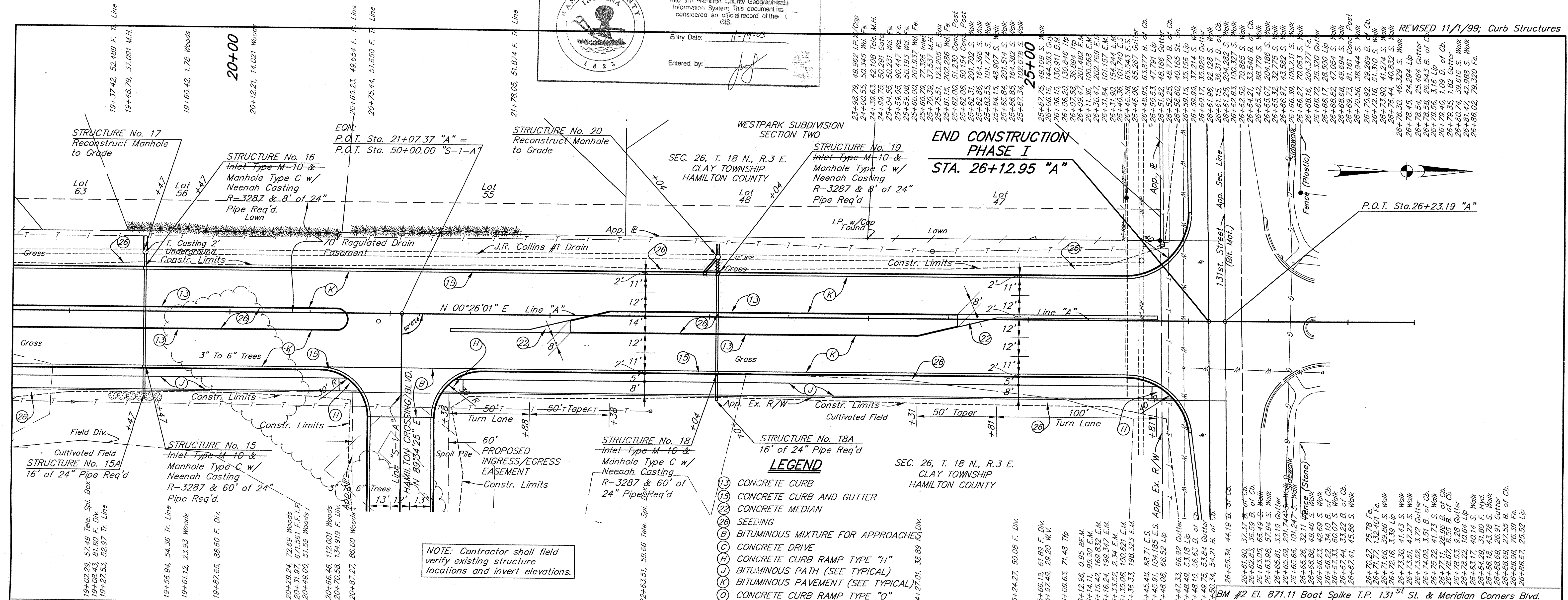
**Duke**  
Realty Investments  
8888 Keystone Crossing  
Suite 1200  
Indianapolis, IN 46240  
Phone: (317) 846-4700  
Fax: (317) 574-3693


**MERIDIAN CORNERS BLVD. LINE "A"**  
CARMEL INDIANA  
**Butler, Fairman and Seufert Inc.**  
ENGINEERS INDIANA

HORIZONTAL SCALE	FILE
1"=30'	3717
VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	SHEET
	4 OF 29
CONTRACT	PROJECT

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OCT 28 2002


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 Entered by: *[Signature]*

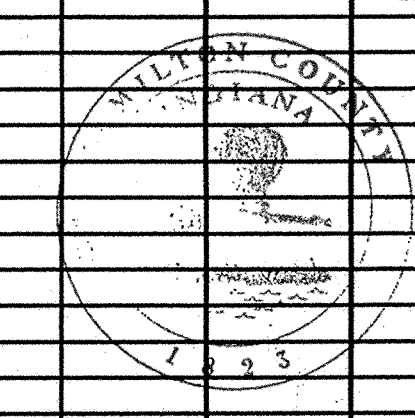


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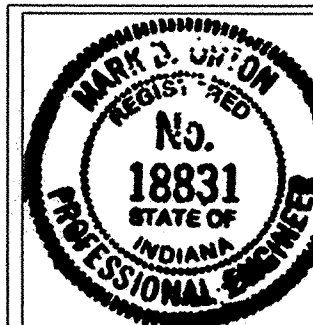
# STRUCTURE DATA

STRUCTURE NUMBER	LOCATION			SIZE	RCP CLASS	MANHOLE, INLET CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	SKEW	FLOW LINE				SERVICE LIFE	SITE DESIGNATION	PH	BACKFILL METHOD	"B" BORROW FOR STR. BACKFILL	REVETMENT RIPRAP	CONCRETE CLASS "A" FOR STRUCTURES	PIPE END SECTION	GEOTEXTILE	GRATED BOX END SECTION		SAFETY METAL END SECTION		CONNECT TO STRUCTURE	TOP OF CASTING ELEV.	REMARKS
	STATION	LEFT	RIGHT						CROSS	IN	FEET	FEET										UP STREAM ELEV.	DOWN STREAM ELEV.	YEAR	TYPE			
PHASE I LINE "A"																												
10	15+91		✓			Manhole Type C-4					Exist.	Exist.													Exist.	866.03		
11	15+92.5		✓		15	III	Inlet Type B-15	10			861.60	861.43		A	4										10	864.77		
12	15+92.5		✓		15	III	Inlet Type B-15	6			861.75	861.65		A	2												864.79	
13	15+93		✓			w/ Neenah Casting R-1772												0.12									865.66	Adjust Casting to Grade
14	15+95		✓																								866.66	Reconstruct Manhole to Grade
15	19+47		✓		24	III	Manhole Type C	60			858.49	858.27		A	50												866.65	
15A	19+47		✓		24	III	w/ Neenah Casting R-3287	16			858.30	858.65		A	20												-	Cap End of Pipe
16	19+47		✓		24	III	Manhole Type C	8			858.45	858.30		A	10												866.77	
17	19+47		✓			w/ Neenah Casting R-3287					858.27	858.32															867.27	Reconstruct Manhole to Grade
18	23+04		✓		24	III	Manhole Type C	60			861.12	860.15		A	50												869.08	
18A	23+04		✓		24	III	w/ Neenah Casting R-3287	16			861.25	861.20		A	20												-	Cap End of Pipe
19	23+04		✓		24	III	Manhole Type C	8			861.65	861.55		A	10												868.98	
20	23+04		✓			w/ Neenah Casting R-3287					866.10	865.40		A	10												870.25	Reconstruct Manhole to Grade
PHASE II LINE "S-1-A"																												
21	52+50		✓		15	III	Inlet Type J-10	32			862.94	862.74		A	8												22	
22	52+50		✓		15	III	Inlet Type M-10	2			862.74	862.64		A	1												23	
23	52+50		✓		15	III	Manhole Type C-4	250			863.01	862.21		A	110												25	
24	55+00		✓		15	III	Inlet Type J-10	2			862.60	862.50		A	1												25	
25	55+00		✓		18	III	Manhole Type C-4	100			862.21	861.89		A	36												26	
26	56+15		✓		18	III	Manhole Type C-4	100			861.89	861.57		A	36												28	
27	57+30		✓		15	III	Inlet Type J-10	2			861.80	861.70		A	1												28	
28	57+30		✓		18	III	Manhole Type C-4	135			861.57	861.14		A	70												30	
29	58+65		✓		18	III	Inlet Type F-7	8			861.24	861.14		A	3												30	
30	58+65		✓			Manhole Type H-4					861.14	EXIST															Exist.	
31	58+65		✓		35x24	III	Manhole Type H-4	74			861.26	861.14		A	30												30	
32	58+65		✓		30	III		8			861.27	861.26		A	10												31	


 This information was prepared for input into the Hamilton County Geographical Information System. If this document is incorporated or used for any other purpose, the user assumes all liability for the accuracy of the information.

Entry Date: 11-19-05  
 Entered by: *[Signature]*

RECORD DRAWINGS OF CONSTRUCTED PROJECT PER INFORMATION BY CONTRACTOR. DATED: 3-2-01



RECOMMENDED FOR APPROVAL *[Signature]* DATE *[Date]*  
 DESIGN ENGINEER  
 DESIGNED: B.Z. DRAWN: D.B.  
 CHECKED: M.O. CHECKED: B.Z.

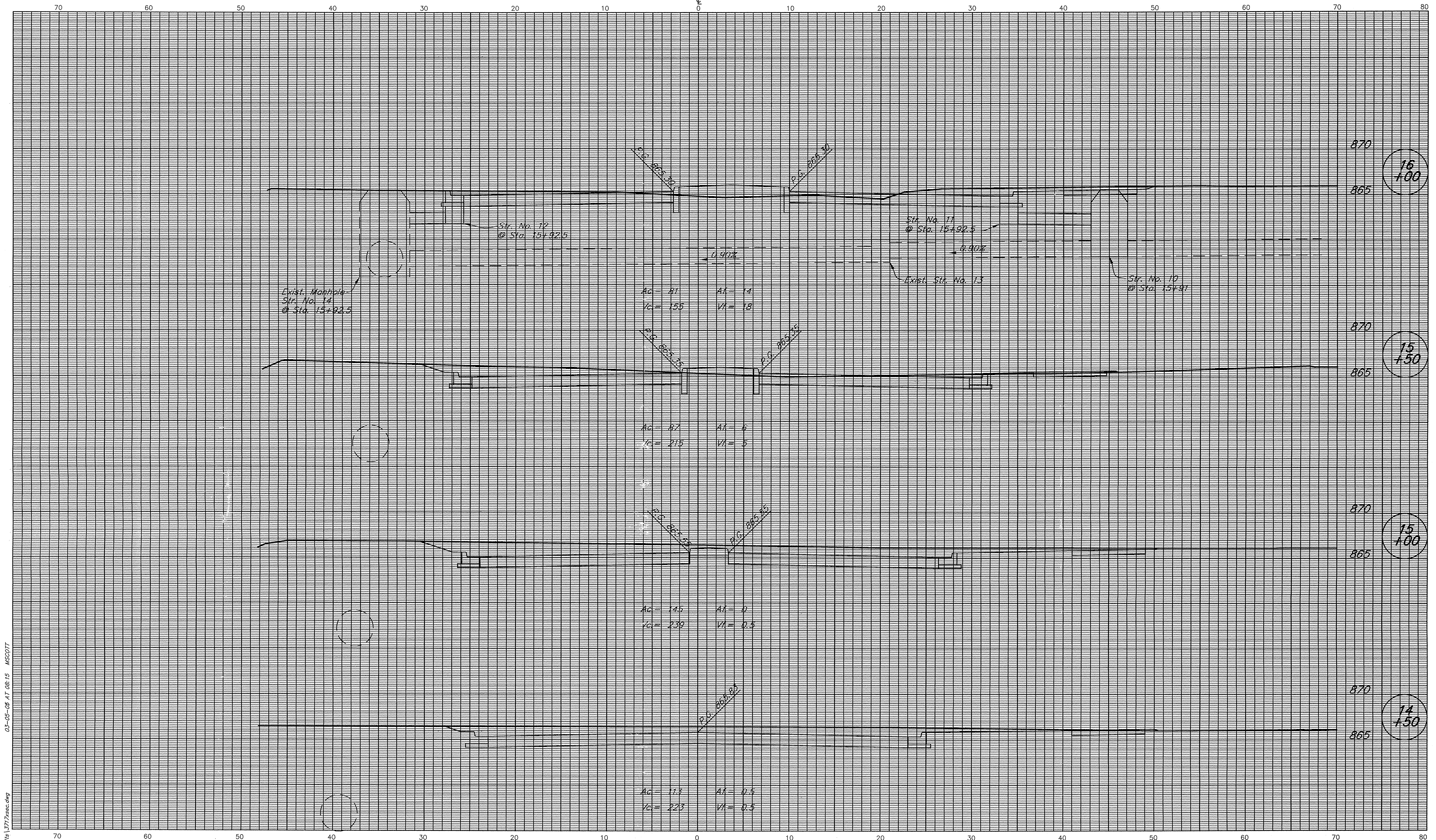


MERIDIAN CORNERS  
 HAMILTON CROSSING BLVD.  
 STRUCTURE DATA SHEET  
 Butler, Fairman and Seufert Inc.  
 ENGINEERS  
 INDIANAPOLIS INDIANA

HORIZONTAL SCALE: NONE  
 VERTICAL SCALE: NONE  
 SURVEY BOOK: 266  
 CONTRACT: 14 OF 29 SHEET PROJECT

FILED  
 OCT 28 2002

CUT CROSS SECTIONS FILL  
SCALE: 1"=5'



03-05-08 AT 08:15 MSCOTT

R:\L3717\AUTOCAD\ROAD\14s-burbs L3717.dwg

<p><b>CROSS SECTIONS LINE "A"</b></p> <p>DESIGNED: B.Z.      DRAWN: D.B. CHECKED: M.O.      CHECKED: B.Z.</p>		<p><b>MERIDIAN CORNERS BLVD. CARMEL INDIANA</b></p> <p><i>Butler, Fairman and Seufert Inc.</i> ENGINEERS INDIANA</p>		HORIZONTAL SCALE	FILE
				1"=5'	3717
				VERTICAL SCALE	DESIGNATION
				1"=5'	
				SURVEY BOOK	SHEET
				286	16 of 29
				CONTRACT	PROJECT

FILED  
OCT 28 2002