	<u>for Historical Cost</u> ength Log
Drain-Improvement: Hazel Dell Road	Reconstruction : AJ BROXK Drain

			<u> </u>		lf App	licable
Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile		Cost:
RLP	[2"	318			#735 F	# 2305 50
	15"	15			#q5° [f	#14250
	18 "	14			\$1050 /f	#16800
	36"	1315			\$ 32=5 lf	
	42"	2372			*52 65 (F	#124,885
	48 "	87				
ERCP	60" × 38"	146			#6655F #12375ff	\$18,067
······································						
		<u> </u>				
	Sum:	4269	<u> </u>	L	<u> </u>	\$ 193,76
						<u> </u>
Final Report:						
Comments:	1 n 1 n 1		unt cl			
* Includes 90		ect under	169 ST.			· · · · · ·

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Kenton C. Ward, CFM Surveyor of Hamilton County Phone (317) 776-8495 Fax (317) 776-9628

Suite 188 One Hamilton County Square Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

April 12, 2007

Re: A J Brock Drain - Hazel Dell Road Reconstruction

Attached is a petition and plans for the proposed relocation and reconstruction of the A J Brock Drain. The relocation and reconstruction is being proposed by the City of Noblesville. The proposal is to reconstruct the A J Brock legal drain within the Hazel Dell Road right of way.

This reconstruction is being done as part of the Hazel Dell Road project per plans submitted by American Consulting, Inc., dated February 6, 2007, job number IN20050304. Per the plans, a portion of the drainage from the Russell Shuggart and Emily Vestal Sheds is being directed towards the A J Brock Legal Drain. This is reflected on the plans by American Consulting from Station 277 + 85 to 302+50. The project will also remove the existing A J Brock from Sta 0 to Sta 1+94. The project will also include removing 90' of 12" tile of the main A J Brock tile under 169th Street. This will occur at Sta. 12+10 to Sta.13+00. It will be replaced with 90' of 12" RCP tile between Structures 515 to 517 as noted on the plans.

This project will also remove and replace the existing A J Brock Arm 1 from Sta. 0+00 to Sta. 11+95. Sta. 11+95 was the beginning station referred to in my reconstruction report for The Essex of Noblesville dated August 9, 2006 and approved by the Board at hearing on August 14, 2006, (Drainage Board Minutes Book 9, pages 359 - 360.) The above mentioned plans outline the new Arm 1 between station 278+74 and 290+20.

The new main drain consists of the pipe lengths between the following structures: 261, 262, 263, 264, 255, 245, 239A, 231, 223, 208, 197, 186, 182, and 175. Also those pipe lengths between structure 245 and 246, 208 and 209, 231 and 231A. The new Arm 1 will consist of the pipe lengths between the following structures: 216, 211A, 202A, 194A, 191A, 183A, 182, 175, where it will terminate in the new main drain. Also those pipe lengths between structure 511 and 216, 211 and 211A, 202 and 202A, 194 and 191A, 183 and 183A.

Main Drain

12" RCP	180'	
15" RCP	15'	
36" RCP	900'	
42" RCP	1575'	
48" RCP	87'	
The length	of new drain	for the main line will be 2757 feet.

Arm 1

12" RCP	48'	
18" RCP	16'	
36" RCP	415'	
42" RCP	797'	
60" by 38"	RC Elliptical pipe	146'
The length	of new drain for Arn	n 1 will be 1422 feet.

Total Length of New Drain will be 4179 feet.

The distance between centerlines of the existing Arm 1 and the new drain between structures 211A and 183 A varies between 0 and 7 feet. Therefore, I recommend that the easement remain as it exists. This will be an average distance of 58 feet west of the new right of way line. The easement for the new main drain between structure 175 and 264 shall be held within the new right of way for Hazel Dell Road.

The cost of the relocation is to be paid and constructed by the City of Noblesville. Therefore, a performance bond is not required. The project falls under the requirements as set out in IC 36-9-27-52.0. Therefore, a hearing is required for the petition. I recommend that the board set the hearing for May 29, 2007.

Sincerely,

Kenton C. Ward, CFM Hamilton County Surveyor

KCW/mlg

HAMILTON COUNTY DRAINAGE BOARD NOBLESVILLE, INDIANA

IN RE: A.J. Brock Reconstruction at Hazel Dell Road) Hamilton County, Indiana)

PETITION FOR RELOCATION AND RECONSTRUCTION

	The City of Noblesville, Indiana	(hereinafter Petitioner"),
hereby	petitions the Hamilton County Drainage Board for authorit	ty to relocate and improve a
section	of the A.J. Brock	Drain, and in support of
said pet	ition advises the Board that:	
1.	Petitioner owns real estate through which a portion of the _	A.J. Brock
	Drain runs.	
2.	Petitioner plans to develop its real estate with roads, buildi	ngs, utilities, storm drains,
\$	sanitary sewers and other structures.	
3.	Petitioner's proposed development of its real estate will rea	quire relocation and
1	reconstruction of a portion of the A.J. Brock	Drain, as
\$	specifically shown on engineering plans and specifications	filed with the Hamilton
(County Surveyor.	
4.	The work necessary for the proposed relocation and recons	truction will be undertaken at
t	he sole expense of the Petitioner and such work will result	in substantial improvement to
t	he A.J. Brock Drain, without c	cost to other property owners
C	on the watershed of the A.J. Brock	Drain.
W	HEREFORE, Petitioner requests that an Order issued from	the Hamilton County
Drainag	e Board authorizing relocation and reconstruction of the	A.J. Brock

Drain, in conformance with applicable law and plans and specifications on file with the Hamilton County Surveyor.

eer Signed

John Beery, PE Noblesville City Engineer Printed STATE OF INDIANA

COUNTY OF HAMILTON

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD NOBLESVILLE, INDIANA

IN THE MATTER OF THE RECONSTRUCTION OF THE A.J. BROCK DRAIN, HAZEL DELL ROAD RECONSTRUCTION

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FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the A.J. Brock Drain, Hazel Dell Road Reconstruction came before the Hamilton County Drainage Board for hearing on May 29, 2007, on the Reconstruction Report consisting of the report and the Schedule of Damages and Assessments. The Board also received and considered the written objection of an owner of certain lands affected by the proposed Reconstruction, said owner being:

Evidence was heard on the Reconstruction Report and on the aforementioned objections.

The Board, having considered the evidence and objections, and, upon motion duly made, seconded and unanimously carried, did find and determine that the costs, damages and expenses of the proposed Reconstruction will be less than the benefits accruing to the owners of all land benefited by the Reconstruction.

The Board having considered the evidence and objections, upon motion duly made, seconded and unanimously carried, did adopt the Schedule of Assessments as proposed, subject to amendment after inspection of the subject drain as it relates to the lands of any owners which may have been erroneously included or omitted from the Schedule of Assessments.

The Board further finds that it has jurisdiction of these proceedings and that all required notices have been duly given or published as required by law.

Wherefore, it is ORDERED, that the proposed Reconstruction of the A.J. Brock Drain, Hazel Dell Road Reconstruction be and is hereby declared established.

Thereafter, the Board made inspection for the purpose of determining whether or not the lands of any owners had been erroneously included or excluded from the Schedule of Assessments. The Board finds on the basis of the reports and findings at this hearing as follows:

COUNTY DRAINAGE BOARD

Membe

Member

ATTEST:

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FINDINGS AND ORDER

CONCERNING THE MAINTENANCE OF THE

A.J. BROCK DRAIN, HAZEL DELL ROAD RECONSTRUCTION

On this 29tH day of May 2007, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the A.J. Brock Drain.

Evidence has been heard. Objections were presented and considered. The Board then adopted the original/amended Schedule of Assessments. The Board now finds that the annual maintenance assessment will be less than the benefits to the landowners and issues this order declaring that this Maintenance Fund be established.

> HAMILTON COUNTY_DRAINAGE BOARD

President

Que a Sold

Member

Member

Attest: Pan Doul

FINDINGS AND ORDER

CONCERNING THE PARTIAL VACATION OF THE

A.J. BROCK DRAIN, HAZEL DELL ROAD RECONSTRUCTION

STA. 0 TO STA. 1+94

On this **29th day of May 2007**, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **A.J. Brock Drain**, **Hazel Dell Road Reconstruction Sta.0 to Sta. 1+94**.

Evidence has been heard. Objections were presented and considered. The Board then adopted an order of action. The Board now finds that the costs of continued maintenance to the portion of the above drain exceed the benefits to the real estate benefited by the portion of the drain to be abandoned and issues this order vacating the above section of the **A.J. Brock Drain**.

HAMILTON COUNTY/DRAINAGE BOARD

Présiden

Member

CERTIFICATE OF ASSESSMENTS FOR ANNUAL MAINTENANCE

THE DRAINAGE BOARD OF: HAMILTON COUNTY, INDIANA

IN THE MATTER OF: ASSESSMENTS FOR ANNUAL A.J. BROCK DRAIN, HAZEL DELL ROAD RECONSTRUCTION in Hamilton County, Indiana

TO THE AUDITOR OF HAMILTON COUNTY

WE CERTIFY THAT THE SCHEDULE OF ASSESSMENTS ATTACHED, HERETO HAS BEEN ADOPTED PURSUANT TO Indiana Code, recodified 1982, to provide funds for annual maintenance of the above named drain; that due notice thereof has been published; that the period of time within which a judicial review could be requested has expired; and that the order of the Drainage Board fixing the assessment on each tract of land is now conclusive.

The assessments stated in the attached schedule are annual assessments and shall be collected year after year until such assessments are terminated or changed by order of the Drainage Board. Each annual assessment shall be due and payable in May and in November in each year. The first installment shall be due and payable in May 2008.

All such installments may be paid without interest, but if not paid when due shall be subject to the same rate of penalty applicable to delinquent taxes.

The County Auditor is directed to enter the assessment according to this certification to the Ditch Duplicate of the county for collection by the County Treasurer.

IN WITNESS WHEREOF, we have hereto set our hands, this 29th day of May, 2007.

President

Member

Member

This schedule of assessments totals \$+4,208.06

A.J. Brock #35 Hearing=May 29, 2007 Hazel Dell Road Reconstruction

*Cost to be paid by City of Noblesville. No change in Mnt. Asmt. Remove Sta. 0 to 1+94 & Sta. 12+10 to 13+00 on A.J. Brock Remove Sta. 0 to 11+95 of arm 1. Total length of new drain will be 4179.

rotariongar of new c						Acres	Mnt	% of	Rec
Parcel	Owner	Address	City	Description1	Rate	Benefited	Assmt.	Cost	Assmt.
10-10-03-00-00-033.00	0 Adams, Danny J & Jennifer L	5802 169th St E	Noblesville, IN 46062	S3 T18 R4 1.00 AC	Residential/Ag	1.00	25.00	0.59%	*
10-10-10-00-00-001.00	0 Anderson, Robert E & Maurine K Trust	5737 156th St E	Noblesville, IN 46062	S10 T18 R4 12.0 AC	Residential/Ag	12.00	36.00	0.86%	*
10-10-04-00-00-020.00	2 Atwell, Debra J Living Trust	5450 169th St E	Noblesville, IN 46062	S4 T18 R4 3.00 AC	Residential/Ag	3.00	25.00	0.59%	*
10-10-10-00-00-024.00	4 Вагтеtt, Michael J	16282 Hazel Dell Rd	Noblesville, IN 46062	S10 T18 R4 6.81 AC	Residential/Ag	6.81	25.00	0.59%	*
10-10-03-00-00-029.00	0 Beck, William E	16575 Seminole Rd	Noblesville, IN 46062	S3 T18 R4 13.10 AC	Residential/Ag	5,80	25.00	0.59%	*
10-10-09-00-00-010.00	1 Boomerang Development LLC	11911 Lakeside DR	Fishers, IN 46038	S9 T18 R4 75.00 AC	Residential/Ag	26.00	78.00	1.85%	*
10-10-10-00-00-009.00	0 Branum, Thomas A Sr & Linda L	16230 Seminole Rd	Noblesville, IN 46062	S10 T18 R4 7.00 AC	Residential/Ag	7.00	25.00	0.59%	*
10-10-04-00-00-018.10	1 Brown, Kevin & Jennifer	5565 169th St E	Noblesville, IN 46062	S4 T18 R4 2.53 AC	Residential/Ag	2.53	25.00	0.59%	*
10-10-03-00-00-034.00	0 Cecil, Rex & Pamela	16954 Hazel Dell Rd	Noblesville, IN 46062	S3 T18 R4 0.55 AC	Residential/Ag	0.55	25.00	0.59%	*
10-10-03-00-00-035.00	0 Cheung, Karen	9505 International Dr	Indianapolis, IN 46268	S3 T18 R4 1.00 AC	Residential/Ag	1.00	25.00	0.59%	*
99 - 99-99-99-99-999.00	8 City Of Noblesville Public Safety Building	16 Tenth St S	Noblesville, IN 46060	Hazel Dell Rd=0.41for 2006 & 0.45 + .41 for 2007	169th = 0.11+0.31+1.42 + .07		19.00	0.45%	*
10-10-10-00-00-024.00	3 Coyne, Patrick F & Linda M	5950 161st St E	Noblesville, IN 46062	S10 T18 R4 5.00 AC	Residential/Ag	3.44	25.00	0.59%	*
10-10-03-00-00-029.00	1 Craig, David W & Marilyn A	16601 Seminole RD	Noblesville, IN 46062	S3 T18 R4 6.90 AC	Residential/Ag	1.20	25.00	0.59%	*
10-10-03-00-01-001.00	D Daughtery, Norman J	5858 169th St E	Noblesville, IN 46060	Independence Way Lot 1 3.85 Ac	Residential Rate per 2001 hearing.	3.85	25.00	0.59%	*
10-10-03-00-01-002.00	D Daughtery, Norman J	5858 169th St E	Noblesville, IN 46060	Independence Way Lot 2 1.00 Ac	Residential Rate per 2001 hearing.	1.00	25.00	0.59%	*
10-10-03-00-01-003.00	D Daughtery, Norman J	5858 169th St E	Noblesville, IN 46060	Independence Way Lot 3 1.00 Ac	Residential Rate per 2001 hearing.	1.00	25.00	0.59%	*
10-10-03-00-00-036.00	Dean, Lawrence D & Betty S	17032 Hazel Dell RD	Noblesville, IN 46062	S3 T18 R4 1.00 AC	Residential/Ag	1.00	25.00	0.59%	*
10-10-03-00-00-030.00	D Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	S3 T18 R4 13.05 AC	Residential/Ag	13.05	39.16	0.93%	*
10-10-03-00-00-031.00	D Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	S3 T18 R4 9.50 AC	Residential/Ag	6.08	25.00	0.59%	*
10-10-03-00-00-031.00	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	S3 T18 R4 2.00 AC	Residential/Ag	2.00	25.00	0.59%	*
10-10-03-00-00-031.00	2 Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	S3 T18 R4 3.59 AC	Residential/Ag	3.59	25.00	0.59%	*
10-10-03-00-02-001.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Pt CA C. 3.25 Ac	Un-regulated Subd.	3.25	35.00	0.83%	*
10-10-03-00-02-002.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Pt CA E, 1.83 Ac	Un-regulated Subd.	1.83	35.00	0.83%	*
10-10-10-00-00-001.002	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	S10 T18 R4 2.19 AC	Residential/Ag	2.19	25.00	0.59%	*
10-10-10-00-03-001.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville Sec. 1A Lot 1	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-03-002.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville Sec. 1A Lot 2	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-03-003.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville Sec. 1A Lot 3	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-03-004.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville Sec. 1A Lot 9	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-03-007.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville Sec. 1A Lot CA B, 0.36Ac	Un-regulated Subd.	0.36	35.00	0.83%	*
10-10-10-00-03-008.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville Sec. 1A Lot CA C, 0.44Ac	Un-regulated Subd.	0.44	35.00	0.83%	*
10-10-10-00-04-001.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 4	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-002.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 5	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-003.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 6	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-004.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 7	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-005.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 8	Un-regulated Subd	One Lot	35.00	0.83%	*
10-10-10-00-04-006.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 10	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-007.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 11	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-008.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 12	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-009.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 13	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-010.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 14	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-011.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 15	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-012.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 16	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-013.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 17	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-014.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 18	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-015.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 19	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-017.000		23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 21	Un-regulated Subd.	One Lot	35.00	0.83%	*
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10-10-10-00-04-018.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, iN 46060	Essex of Noblesville 1B Lot 22	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-019.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 25	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-020.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 26	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-021.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 27	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-022.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 28	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-023.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 29	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-024.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 30	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-025.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 31	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-026.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 32	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-029.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 35	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-031.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 37	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-032.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 38	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-033.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 39	•	One Lot	35.00	0.83%	*
10-10-10-00-04-034.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 40	Un-regulated Subd.		35.00	0.83%	*
10-10-10-00-04-035.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 40	Un-regulated Subd.	One Lot			*
10-10-10-00-04-036.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060		Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-037.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 42	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-038.000	Essex on Hazel Dell LLC	23 Eighth St S		Essex of Noblesville 1B Lot 43	Un-regulated Subd.	One Lot	35.00	0.83%	
10-10-10-00-04-039.000	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Lot 44	Un-regulated Subd.	One Lot	35.00	0.83%	
10-10-10-00-04-040.000	Essex on Hazel Dell LLC		Noblesville, IN 46060	Essex of Noblesville 1B Pt CA C, 1.33 Ac	Un-regulated Subd.	1.33	35.00	0.83%	*
10-10-10-00-04-041.000		23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B CA D, 0.65 Ac	Un-regulated Subd.	0.65	35.00	0.83%	*
99-99-99-99-99-99-999.091	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville 1B Pt CA E, 2.67 Ac	Un-regulated Subd.	2.67	35.00	0.83%	*
	Essex on Hazel Dell LLC	23 Eighth St S	Noblesville, IN 46060	Essex of Noblesville Sec. 1A=2.55Ac; 1B=9.66Ac	Road	12.21	122.10	2.90%	*
10-10-10-00-01-002.000	Everson, Keith L & Kathleen S	6120 161st St E	Noblesville, IN 46062	S10 T18 R4 3.00 AC	Residential/Ag	0,30	25.00	0.59%	*
10-10-04-00-00-014.000	Fox, Stephen L & Ronda J	16781 Hazel Dell Rd	Noblesville, IN 46062	S4 T18 R4 2.27 AC	Residential/Ag	2.27	25.00	0.59%	*
10-10-03-00-00-028.000	Garard, Ruth Eilen	17043 Marashino Dr	Noblesville, IN 46062	S3 T18 R4 20.00 AC	Residential/Ag	3.00	25.00	0.59%	*
10-10-10-00-00-011.000	Garard, Ruth Ellen	17043 Marashino Dr	Noblesville, IN 46062	S10 T18 R4 20.0 AC	Residential/Ag	19.00	57.00	1.35%	*
10-10-10-00-00-013.000	Garard, Ruth Ellen	17043 Marashino Dr	Noblesville, IN 46062	S10 T18 R4 31.5 AC	Residential/Ag	14.00	42.00	1.00%	*
10-10-10-00-024.001	Gehlhausen, Dennis L & Sara H	6010 161st St E	Noblesville, IN 46062	S10 T18 R4 5.00 AC	Residential/Ag	4.00	25.00	0.59%	*
10-10-04-00-00-019.000	Gill, Howard E & Irene B	58 Uisterville RD	Pine Bush, NY 12566	S4 T18 R4 17.40 AC	Residential/Ag	17.40	52.20	1.24%	*
10-10-04-00-00-018.002	Gilliam, Gregory L & Christina K	5569 169th St E	Noblesville, IN 46062	S4 T18 R4 5.93 AC	Residential/Ag	5.93	25.00	0.59%	*
10-10-04-00-00-018.000	Gilliam, Ronald L & Wilma V	16673 Hazeldell RD	Noblesville, IN 46062	S4 T18 R4 5.93 AC	Residential/Ag	5.93	25.00	0.59%	*
10-10-04-00-00-016.000	Gilliam, Ronald Lee & Wilma	16673 Hazel Dell Rd	Noblesville, IN 46062	S4 T18 R4 5.00 AC	Residential/Ag	5.00	25.00	0.59%	*
10-10-10-00-00-010.000	Goldfinch Farms LLC	16580 Seminole Rd	Noblesville, IN 46062	S10 T18 R4 15.7 AC	Residential/Ag	15.70	47.10	1.12%	*
10-10-10-00-00-012.000	Goldfinch Farms LLC	16580 Seminole Rd	Noblesville, IN 46062	S10 T18 R4 29.0 AC	Residential/Ag	24.00	72.00	1.71%	*
10-10-10-00-003.000	Gordon, Brian & Tracy	16515 Seminole RD	Noblesville, IN 46062	S10 T18 R4 4.00 AC	Residential/Ag	4.00	25.00	0.59%	*
10-10-10-00-00-004.000	Gordon, Brian & Tracy	16515 Seminole RD	Noblesville, IN 46062	S10 T18 R4 1.90 AC	Residential/Ag	1.90	25.00	0.59%	*
10-10-03-00-00-037.003	Grant, Vicki L	5928 169th St E	Noblesville, IN 46062	S3 T18 R4 1.00 AC	Residential/Ag	1.00	25.00	0.59%	*
99-99-99-99-99-999.001	Hamilton County Highway Department	1700 S Tenth St	Noblesville, IN 46060	S3/4/9/10 T18 R4	Road	5.45	54.50	1.30%	*
10-10-03-03-03-001.000	Harber, Thomas R & Mary T	6098 169th St E	Noblesville, IN 46062	FOX CREST LOT 1	Residential Rate per 2001 hearing.	0.88	25.00	0.59%	*
10-10-04-00-00-020.003	Hoffman, Carl A & Mary H	5500 169th St E	Noblesville, IN 46062	S4 T18 R4 7.00 AC	Residential/Ag	7.00	25.00	0.59%	*
10-10-03-00-00-040.000	Holland, Wayne R & Shirley L	30196 Hawk Ave	Conrad, IA 50621	S3 T18 R4 22.50 AC	Residential/Ag	8.00	25.00	0.59%	*
10-10-10-00-00-008.000	Howard, Stanley R & Gina K	6240 161st St E	Noblesville, IN 46062	S10 T18 R4 1.85 AC	Residential/Ag	0.25	25.00	0.59%	*
10-10-10-00-00-006.002	Huff, Richard M & Tracy L	16299 Seminole Rd	Noblesville, IN 46062	S10 T18 R4 8.12 AC	Residential/Ag	8.12	25.00	0.59%	*
10-10-03-00-00-032.000	Huffman, Gary N & Mary Ann	1168 Pebble Brook DR	Noblesville, IN 46062	S3 T18 R4 0.65 AC	Residential/Ag	0.65	25.00	0.59%	*
10-10-04-00-01-003.000	Johnson, Alfred O Jr & Neida S	16659 Hazel Dell Rd	Noblesville, IN 46062	DIEHR ACRES LOT 3 & Pt 2	Residential Rate per 2001 hearing.	One Lot	25.00	0.59%	*
10-10-10-00-00-006.001	Jordan, John & Candace	16225 Seminole Rd	Noblesville, IN 46062	S10 T18 R4 8.12 AC	Residential/Ag	8.12	25.00	0.59%	*
10-10-04-00-01-002.001	Kelfer, Shelley D	16653 Hazel Dell Rd	Noblesville, IN 46062	DIEHR ACRES LOT PT 2	Residential Rate per 2001 hearing.	One Lot	25.00	0.59%	*
10-10-04-00-01-001.000	Klepfer, Shelley D	16653 Hazel Dell Rd	Noblesville, IN 46062	DIEHR ACRES LOT 1	Residential Rate per 2001 hearing.	One Lot	25.00	0.59%	*
10-10-10-00-00-008.001	Long, Thomas D & Linda Harmon	6270 161st St E	Noblesville, IN 46062	S10 T18 R4 1.00 AC	Residential/Ag		25.00 25.00	0.59%	*
11-10-10-00-00-014.000	Martin Marietta Materials Inc	4770 Duke Dr Ste 200	Mason, OH 45040	S10 T18 R4 79.36 AC	Residential/Ag	0.10 3.00	25.00 25.00	0.59%	*
10-10-04-00-00-018.001	Mendell, Michael E & Claudia A	5565 169th St E	Noblesville, IN 46062	S4 T18 R4 3.47 AC	-	3.00			*
10-10-04-00-05-001.000	Mendell, Michael E & Claudia A	5567 169th St E	Noblesville, IN 46062		Residential/Ag	3.47 One Let	25.00	0.59%	*
10-10-10-00-00-024.002	Merge Group LLC	11620 Diamond Point Ct		Mendell's Place Lot 1 2.94 Ac	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-00-024.202	Merge Group LLC	11620 Diamond Point Ct	Indianapolis, IN 46268 Indianapolis, IN 46236	S10 T18 R4 5.74 AC	Residential/Ag	0.38	25.00	0.59%	
				S10 T18 R4 5.00 AC	Residential/Ag	0.42	25.00	0.59%	
This c	Metsker, David A & Barbara opy is from the Digital Archive of the	Hamilton County Survey	or's Office; Noblesvill	le, In 46060	Residential/Ag	5.00	25.00	0.59%	-

10-10-04-00-00-012.000	Metsker, Richard A & Maxine	16955 Hazeldell RD	Noblesville, IN 46062	S4 T18 R4 10.00 AC	Residential/Ag	10.00	30.00	0.71%	*
10-10-10-00-01-001.000	Moed, Steve L & Angel L	16115 Seminole Rd	Noblesville, IN 46062	S10 T18 R4 4.00 AC	Residential/Ag	2.50	25.00	0.59%	*
10-10-04-00-00-014.001	Mosbaugh, Chad A & Brenda Kay	5797 169th St E	Noblesville, IN 46062	S4 T18 R4 2.42 AC	Residential/Ag	2.42	25.00	0.59%	*
10-10-03-00-00-037.000	Myers, William T & Peggy A	5908 169th St E	Noblesville, IN 46062	S3 T18 R4 3.30 AC	Residential/Ag	2.89	25.00	0.59%	*
10-10-03-00-00-031.003	Noblesville Building Corporation	16 10th St S	Noblesville, IN 46060	S3 T18 R4 4.14 AC	Residential/Ag	4.14	25.00	0.59%	*
10-10-04-00-00-015.000	Parks, Lavern M & Joyce L	16743 Hazel Dell Rd	Noblesville, IN 46062	S4 T18 R4 2.00 AC	Residential/Ag	2.00	25.00	0.59%	*
10-10-04-00-00-013.000	Reel, Phillip E & Sandra K	5695 169th St E	Noblesville, IN 46062	S4 T18 R4 2.86 AC	Residential/Ag	2.86		0.59%	*
10-10-10-00-00-024.000	Setters, David H	1111 Yellowwood Cir	Noblesville, IN 46062	S10 T18 R4 6.81 AC	Residential/Ag	6.81	25.00	0.59%	*
10-10-10-00-03-005.000	Silverthorne Homes LLC	6666 75th St E Ste 400	Indianapolis, IN 46250	Essex of Noblesville Sec. 1A Lot 23	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-03-006.000	Silverthorne Homes LLC	6666 75th St E Ste 400	Indianapolis, IN 46250	Essex of Noblesville Sec. 1A Lot 24	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-016.000	Silverthome Homes LLC	6666 75th St E Ste 400	Indianapolis, IN 46250	Essex of Noblesville 1B Lot 20	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-027.000	Silverthome Homes LLC	6666 75th St E Ste 400	Indianapolis, IN 46250	Essex of Noblesville 1B Lot 33	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-028.000	Silverthome Homes LLC	6666 75th St E Ste 400	Indianapolis, IN 46250	Essex of Noblesville 1B Lot 34	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-10-00-04-030.000	Silverthorne Homes LLC	6666 75th St E Ste 400	Indianapolis, IN 46250	Essex of Noblesville 1B Lot 36	Un-regulated Subd.	One Lot	35.00	0.83%	*
10-10-03-00-00-037.002	Small, Jerry M & Nelda J	5944 169th St E	Noblesville, IN 46062	S3 T18 R4 5.19 AC	Residential/Ag	4.00	25.00	0.59%	*
10-10-03-03-01-002.000	Small, Jerry M & Nelda J	5944 169th St E	Noblesville, IN 46062	S3 T18 R4 0.50 AC	Residential/Ag	0.50	25.00	0.59%	*
10-10-03-03-01-001.000	Small, Jerry M & Nelda Jean	5944 169th St E	Noblesville, IN 46062	S3 T18 R4 0.71 AC	Residential/Ag	0.71	25.00	0.59%	*
10-10-10-00-00-002.000	Smith, Jason R & Kara E Jt/Rs	16555 Seminole Rd	Noblesville, IN 46062	S10 T18 R4 4.00 AC	Residential/Ag	4.00	25.00	0.59%	*
10-10-10-00-00-005.000	Stitt, Lawrence D & Cheryl C	16415 Seminole RD	Noblesville, IN 46062	S10 T18 R4 10.0 AC	Residential/Ag	10.00	30.00	0.71%	*
10-10-10-00-01-003.000	Strong, Philip E & Sharon G	6050 161st St E	Noblesville, IN 46062	Hacks Minor Add. Lot 2 1.42Ac	Residential Rate per 2001 hearing.	0.50		0.59%	*
10-10-10-00-01-003.001	Strong, Philip E & Sharon G	6050 161st St E	Noblesville, IN 46062	Hacks Minor Add. Lot 1 1.42Ac	Residential Rate per 2001 hearing.	0.75	25.00	0.59%	*
10-10-10-00-00-006.000	Thifault, Christopher & Carrie	7310 108th St E	Fishers, IN 46038	S10 T18 R4 8.26 AC	Residential/Ag	8.26	25.00	0.59%	*
10-10-03-00-00-031.102	Volk, William G & Rita A	5909 169th St E	Noblesville, IN 46062	S3 T18 R4 0.93 AC	Residential/Ag	0.93	25.00	0.59%	*
10-10-10-00-00-024.102	Weaver, Ralph J & Audrey M	5585 Castor Way	Noblesville, IN 46062	S10 T18 R4 3.85 AC	Residential/Ag	1.06	25.00	0.59%	*
10-10-10-00-00-024.112	Weaver, Raiph J & Audrey M	7402 Somerset Bay #213	Indianapolis, IN 46240	S10 T18 R4 1.00 AC	Residential/Ag	0.44	25.00	0.59%	*
10-10-04-00-00-021.000	Wehmeier, Mary Ann	520 Peach St	Venice, FL 34285	S4 T18 R4 10.00 AC	Residential/Ag	6.00	25.00	0.59%	*
10-10-09-00-00-009.000	Woodworth, Lois Patricia Trust	16393 Hazel Dell Rd	Noblesville, IN 46062	S9 T18 R4 80.00 AC	Residential/Ag	53.00	159.00	3.78%	*
					5		4,208.06		

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD IN THE MATTER OF

A.J. BROCK, HAZEL DELL ROAD RECONSTRUCTION

NOTICE

To Whom It May Concern and:_____

Notice is hereby given of the hearing of the Hamilton County Drainage Board concerning the reconstruction of the A.J. Brock Drain, Hazel Dell Road Reconstruction on May 29, 2007, at 9:15 A.M. in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana. Construction and maintenance reports of the Surveyor and the Schedule of Assessments proposed by the Drainage Board have been filed and are available for public inspection in the office of the Hamilton County Surveyor.

Hamilton County Drainage Board

Attest: Pamela Louks

ONE TIME ONLY

STATE OF INDIANA)	
) SS	BEFORE THE HAMILTON
)	
COUNTY OF HAMILTON)	DRAINAGE BOARD

IN THE MATTER OF A J BROCK DRAIN, HAZEL DELL ROAD RECONSTRUCTION

NOTICE

Notice is hereby given that the Hamilton County Drainage Board at its regular meeting **MAY 29, 2007** adopted the reconstruction report of the Surveyor and the Amended Schedule of damages and assessments including annual assessment for periodic maintenance, finding that the costs, damages and expense of the proposed improvement would be less than the benefits which will result to the owner of lands benefited thereby.

The Board issued an order declaring the proposed improvement established. Such findings and order were marked filed and are available for inspection in the Office of the Hamilton County Surveyor.

If judicial review of the findings and order of the Board is not requested pursuant to Article VIII of the 1965 Indiana Drainage Code as amended within twenty (20) days from the date of publication of this notice, the findings and order shall become conclusive.

HAMILTON COUNTY DRAINAGE BOARD

BY: Christine Altman PRESIDENT

ATTEST: Pamela louks ACTING SECRETARY



Kenton C. Ward, CFM Surveyor of Hamilton County Phone (317) 776-8495 Fax (317) 776-9628

Suite 188 One Hamilton County Square Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

May 3, 2010

Re: AJ Brock Drain: Hazel Dell Road Reconstruction

Attached are as-builts, certificate of completion & compliance, and other information for Hazel Dell Road Reconstruction. 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 were made to the drain, which will alter the plans submitted with my report for this drain-dated April 12, 2007. The report was approved by the Board at the hearing held May 29, 2007. (See Drainage Board Minutes Book 10, Pages 270-273) The changes are as follows: The 12" RCP reported at 228 feet (180', 48') is now 221 feet.

The 36" RCP reported at 1315 feet (900', 415') is now 1300 feet.

The 42" RCP reported at 2372 feet (1575', 797) is now 2335 feet.

The 48" RCP reported at 87 feet is now 91 feet.

The length of the drain due to the changes described above is now 4124 feet.

It should be noted that the original tile was removed in three places with this project. The first portion removed was with Arm 1. Arm 1 was removed between Sta. 0 to 10+75 (10" tile) and from Sta. 10+75 to 11+95 (18" tile). The second portion removed was the main tile from Sta. 0 to Sta. 7+05 (10" tile). This was more footage than originally reported but the location of the tile in the field was much closer to the road than originally thought. Therefore, the tile was destroyed between those two points to make room for the road. The third portion removed was the main tile as it crossed 169th Street. This tile was replaced between Sta. 11+63 to Sta. 12+64 with 93 feet of 12" RCP. So, after the removal of 1908 feet of original tile, the project added 2224 feet to the watersheds overall length.

A non-enforcement was not needed for this project. The project was not bonded as the improvements were paid for by the City of Noblesville.

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

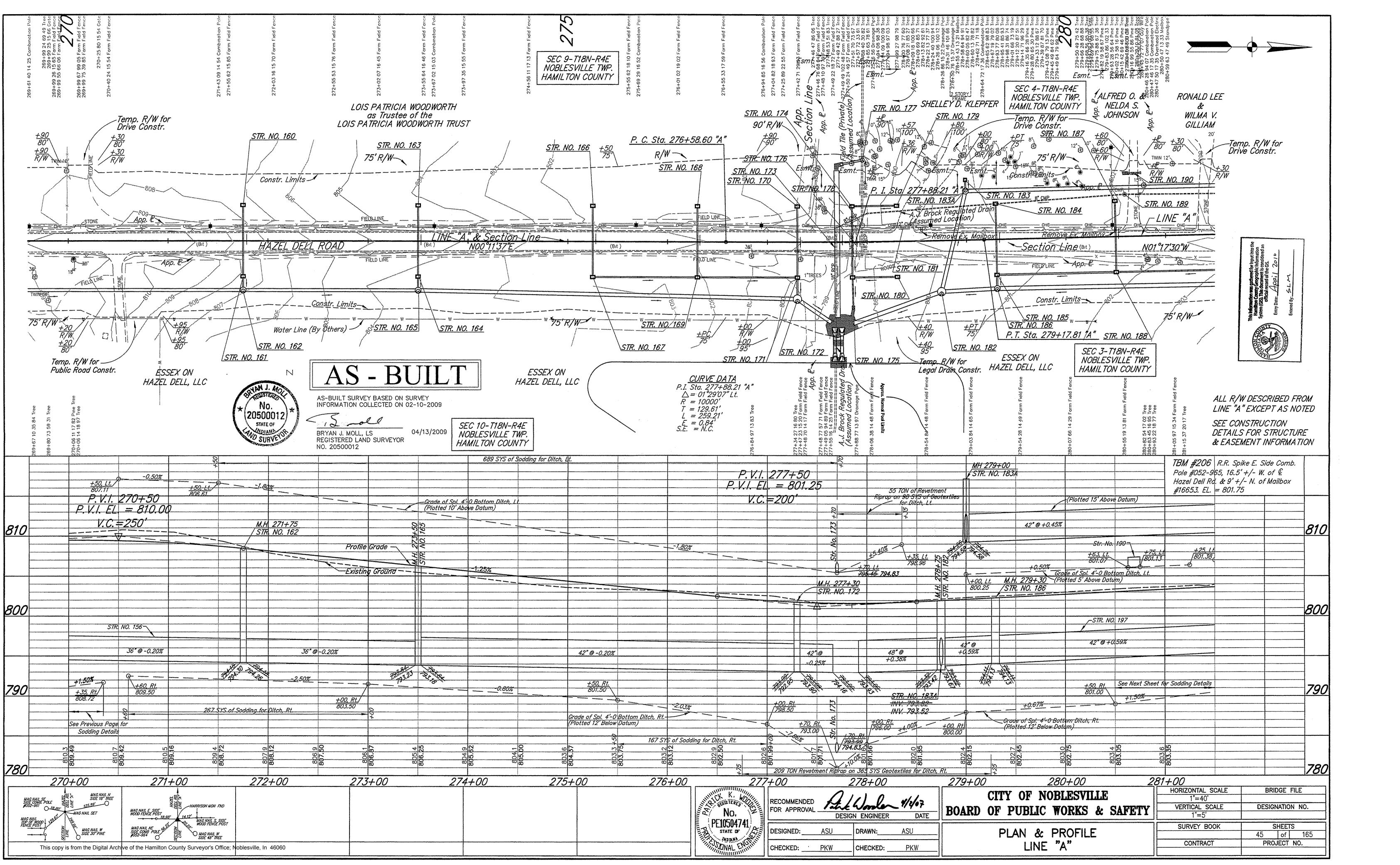
Sincerely,

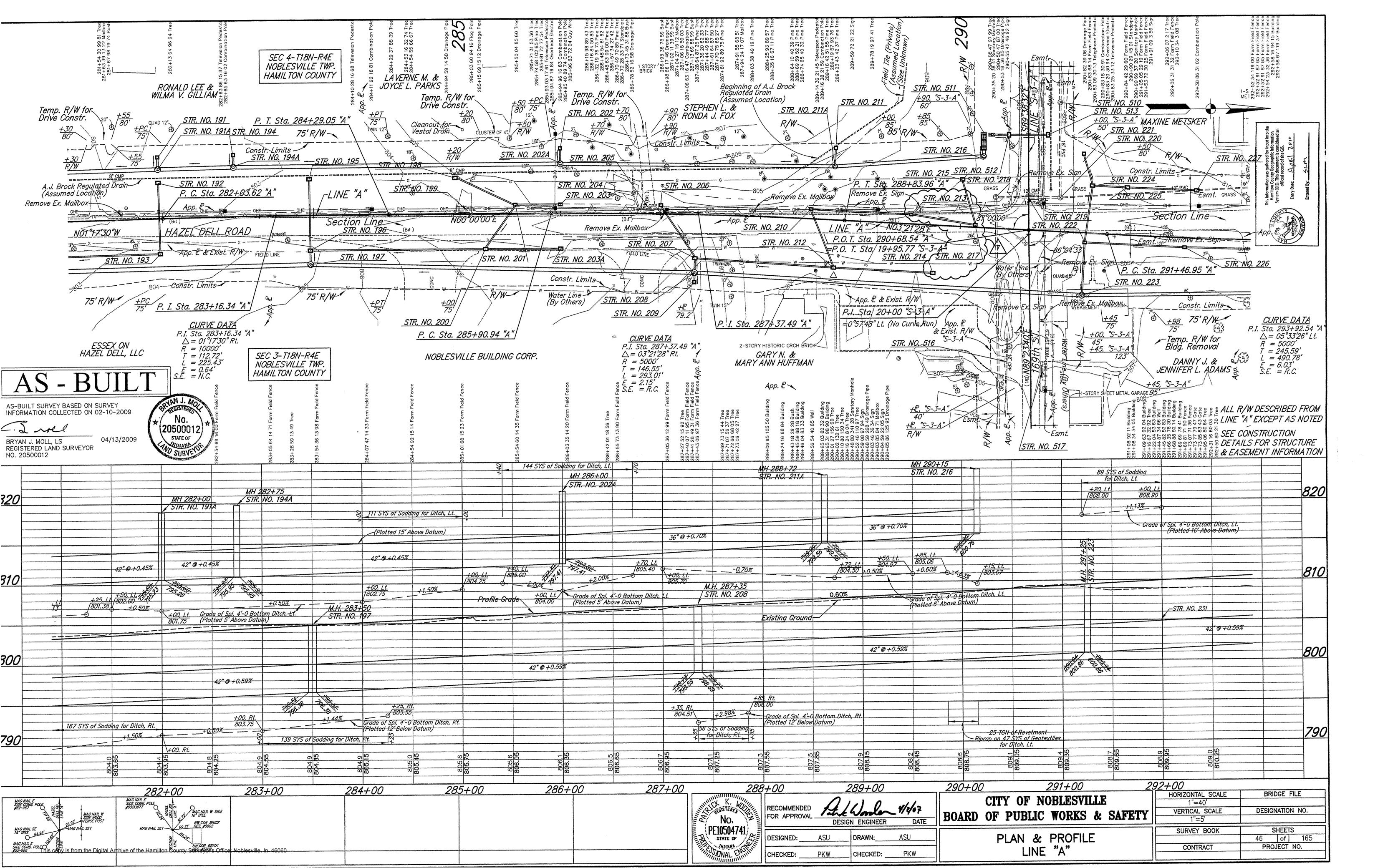
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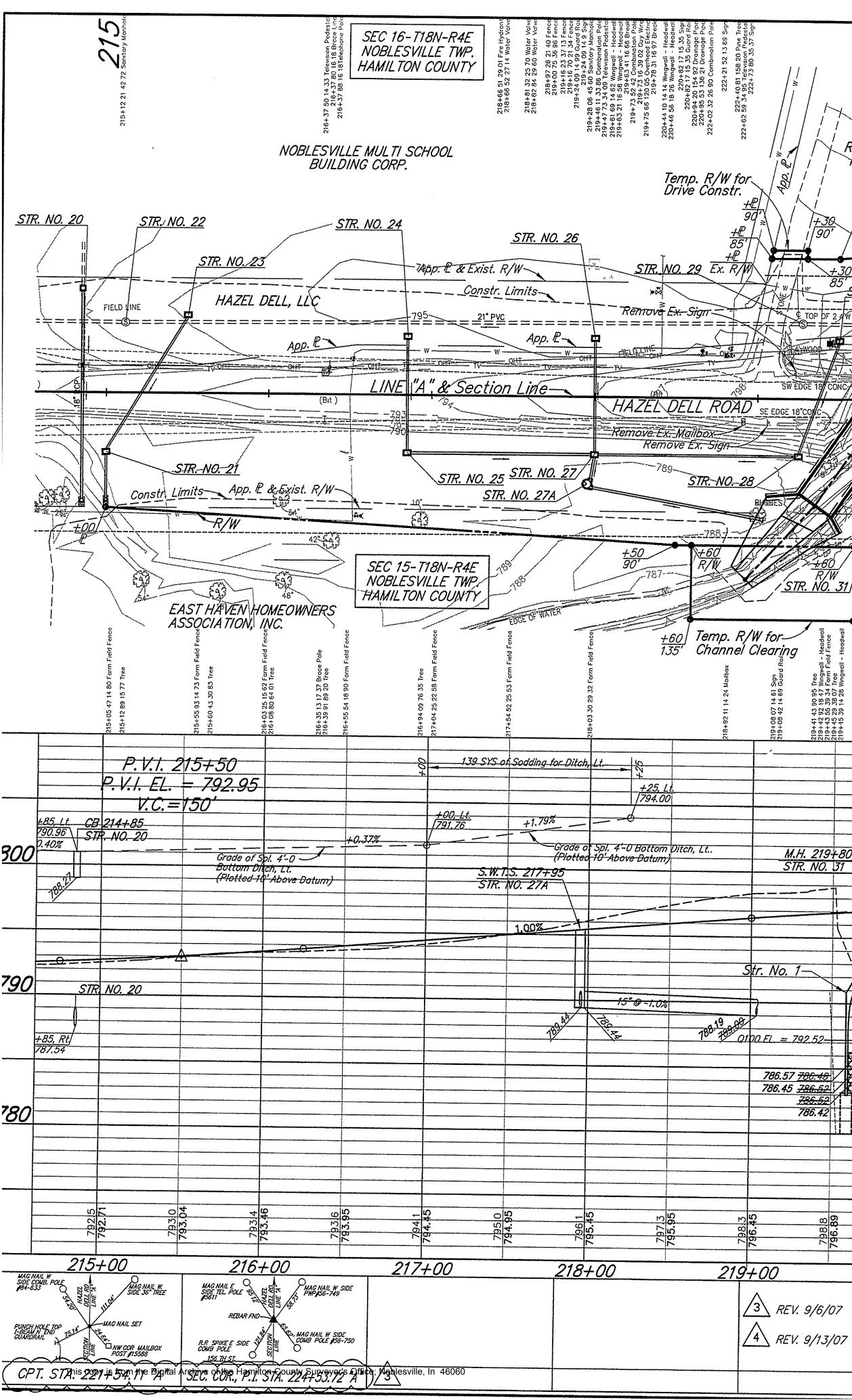
Kenton C. Ward, CFM Hamilton County Surveyor

KCW/slm

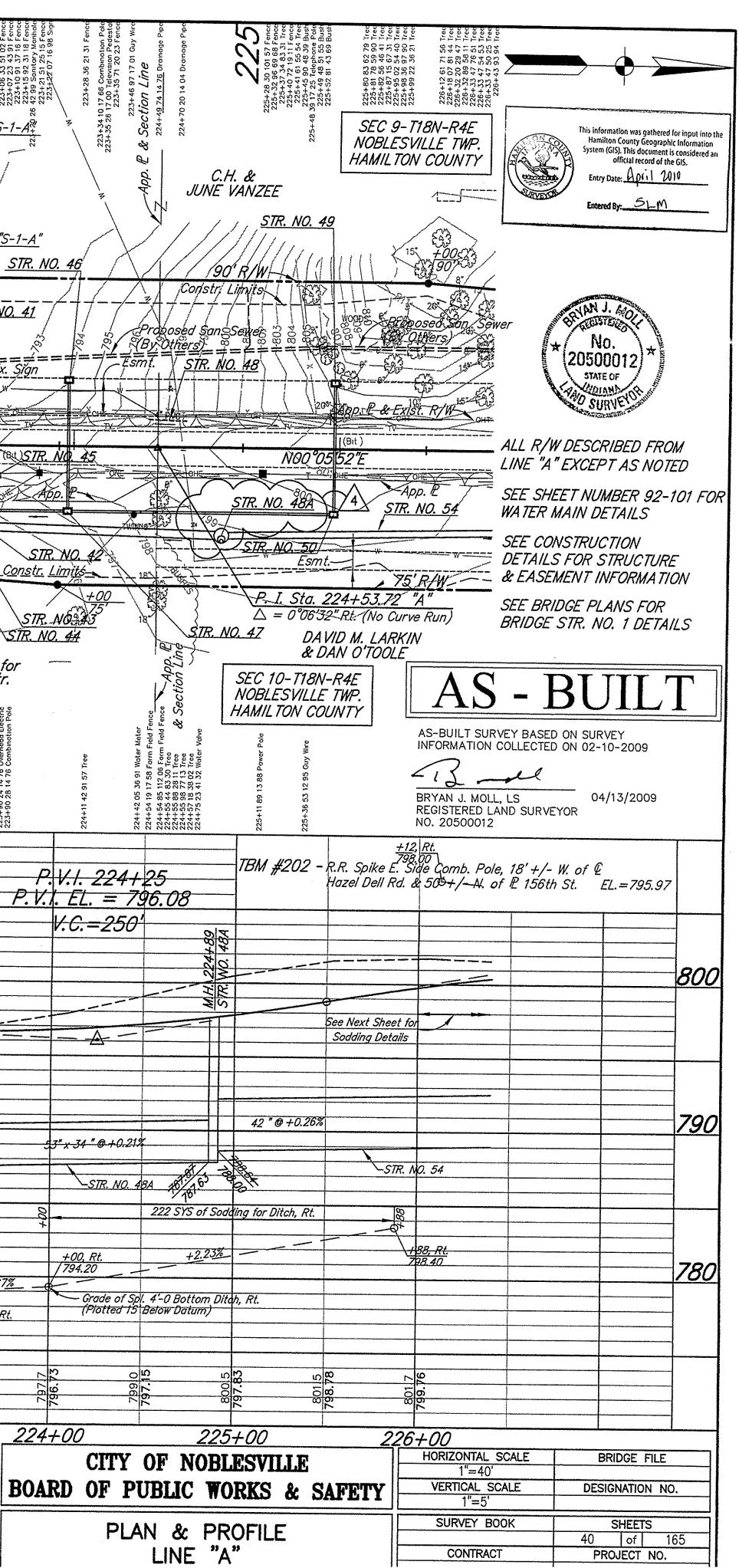
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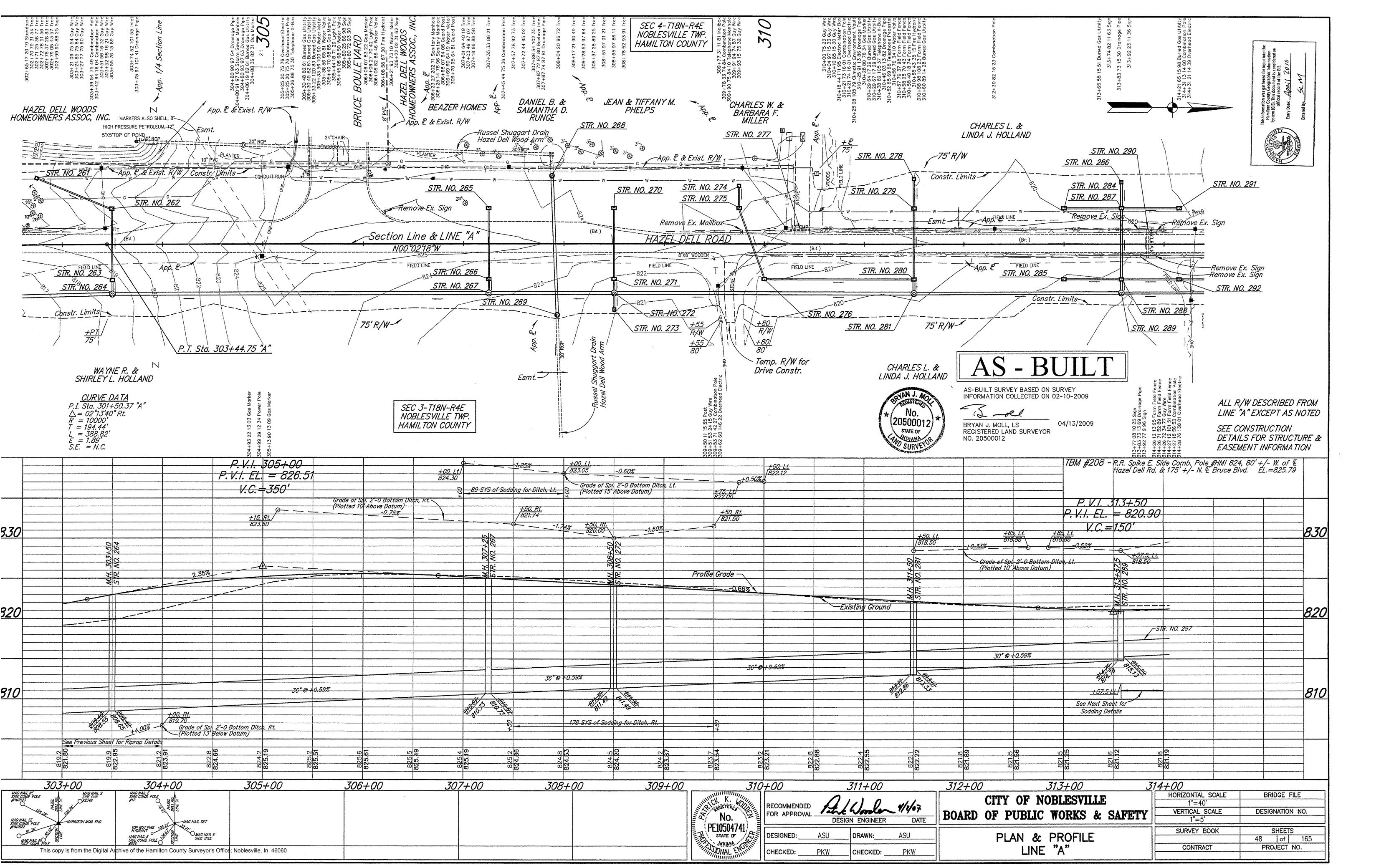


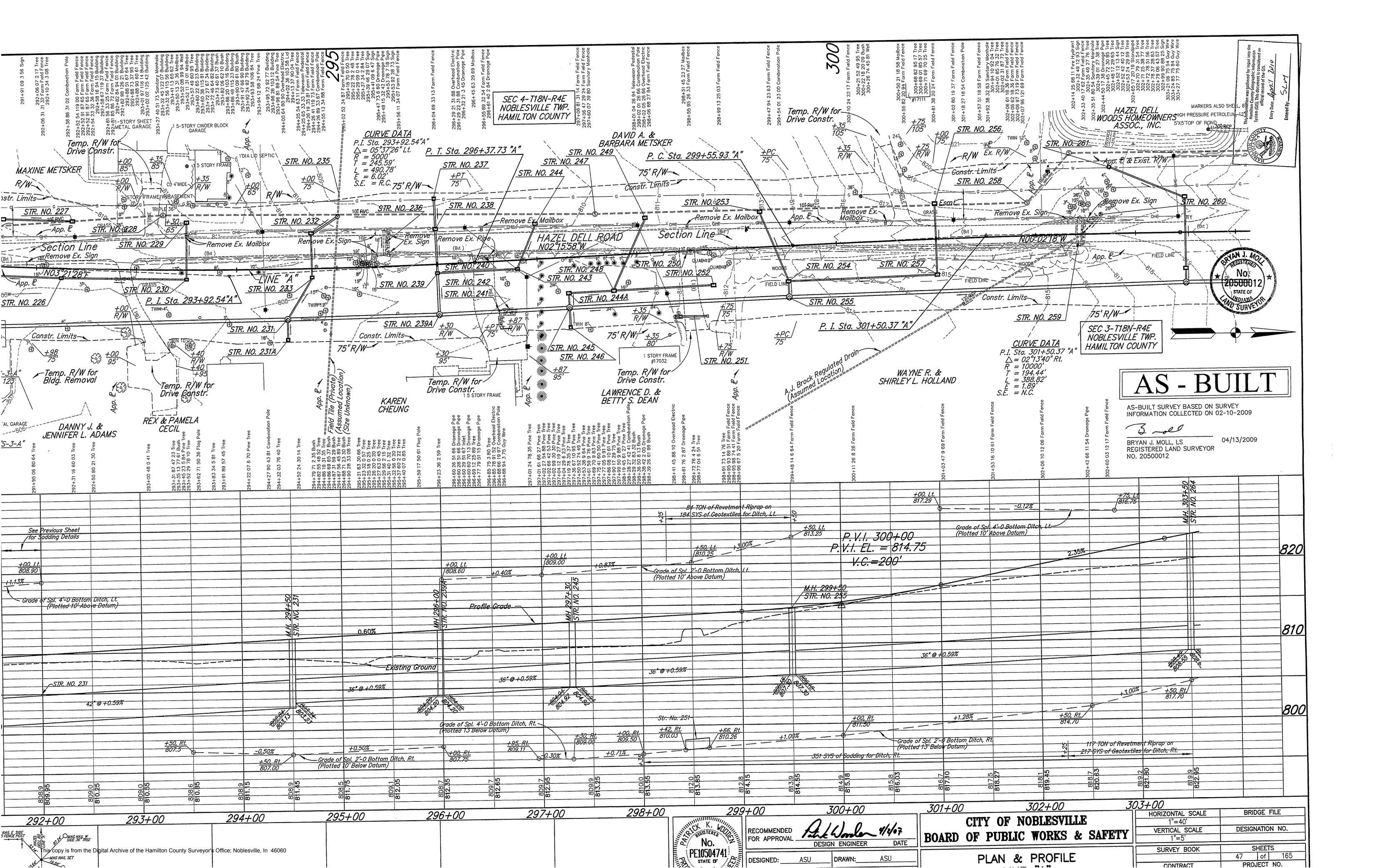




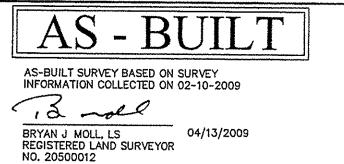
MICHAEL E. & JUDITH A. DYE 8888× 28 d d d d d d d 223+06 53 223+06 53 223+10 23 223+10 91 223+15 92 223+15 92 223+21 51 51 223+21 51 51 223+21 51 51 17.66 7.00 2234 Temp R/W for Channel Relocation 223+34 10 223+35 26 1 OWIDE CONC BOX ₩50 "S-1-A¥ RODNEY C. DENNIS & KRISTI R. HAWKINS +R/W "S-1-A" +R/W ' 90' R/W-50' <u>STR. NO. 46</u> Constr. Limits <u>STR.WO.40</u>___ <u>STR. NO. 35</u> STR. NO. 31 <u> STR. NO. 41</u> TOP OF 2 W CONC FIER (Remove Ex. Sign Remove Ex. Sign App. R-1 0 =Remove Ex=Sig NW EDGE 18"CONC * 18"CONC (Bit) NO0°00'40"W USTR. NO 45 Remove Ex., _<u>____</u>_/ STR. NO. 42 <u>-50.</u> <u>Constr. Limits</u> STR. NO. 38 STR. NOSA STR. NO. 1 <u>/+15</u> _____80' - 90' R/W <u>+85</u> 80' STR. NO. 37 STR. NO. 34 <u>STR. NO. 32</u> £33-24" STR. NO. 44 WILFONG DEVELOPMENT STR. NO. 32A COMPANY, LLP 2 STORY FRM W/BASEMN Temp. R/W for Drive Constr. <u>STR. NO. 39</u> P.O.T. Sta. 222+90.16 "A" =P.O.T. Sta. 20+00.00 "S-1-A +34 94 31 83 Inlet +35 02 31 81 Dramage +35 03 31 81 Dramage +35 41 16 71 Malbox +56 44 41 98 Pine Tree 219+93 60 39 72 Form F 220+00 54 26 14 Break 220+07 58 23 10 Break 220+26 21 16 95 Wingwa 220+27 53 14 07 Wingwa 221+72 83 105 56 Tree 221+74 42 72 40 Tree 221+78 70 96 98 Woter 221+85 25 52 35 Tree 221+89 12 73 25 Butdin 221+89 73 88 15 Butdin 221+93 47 35 22 Pine T Form Prom Tree 16 Build
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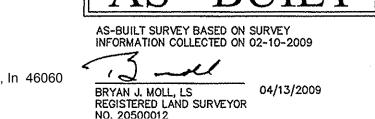


STRUCTURE DATA																							
LOCATION								FLOW							RIPRAP				<u> </u>			r	
STRUCTURE NUMBER LEFT	CROSS RIGHT	SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	t LENGTH	SKEW	t COVER	UP STREAM PLAN AS-BUILT ELEV. ELEV.		6 BUILT ELEV.	DESIGNATION	PH BACKFILL METHOD	STRUCTURE BACKFILL	REVETMENT CLASS 1	CLASS 2	ŭ	CONCF CLASS / STRUCT		CONCRETE ANCHOR	GRATED BOX END SECTION	SAFETY METAL END SECTION	AS-BUILT TOP OF CASTING CASTING	REMARKS
LIME "S-1-A" (CONTD.) 342 $14 + 50$ X 343 $16 + 03$ X 344 $20 + 38$ X 344 $20 + 38$ X 346 $22 + 91$ X 346 $22 + 91$ X 346 $22 + 91$ X 346 $27 + 55$ X 347 $26 + 54.4$ X 349 $27 + 25$ X 350 $28 + 22$ X 400 $16 + 49$ X 400 $16 + 49$ X 401 $17 + 96.8$ X 402 $18 + 11.2$ X 403 $18 + 43.9$ X 404 $18 + 54.5$ X 404 $18 + 57.5$ X 406 $21 + 07.5$ X 406 $21 + 71.5$ X 406 $21 + 77.5$ X 500 $13 + 60$ X 500		15 15 15 12 12		PIPE PIPE PIPE PIPE PIPE PIPE PIPE PIPE PIPE PIPE PIPE PIPE PIPE PIPE PIPE PIPE PIPE PIPE PIPE MAP PIPE(EXTENDING FROM 8"PIPE) CATCH BASIN TYPE E-7 BRIDGE (HAMILTON CO. NO 149) EXISTING BRIDGE (HAMILTON CO. NO. 149) PIPE INLET TYPE B - 15 INLET TYPE B - 15 INLET TYPE C - 15 INLET TYPE B - 15 INLET TYPE CATCH BASIN EXISTING SANITARY MANHOLE EXISTING SANITARY MANHOLE 24" PIPE CATCH BASIN EXISTING SANITARY MANHOLE 24" PIPE CATCH BASIN EXISTING SANITARY MANHOLE INLET TYPE B - 15 INLET TYPE C - 15 INLET TYPE	40 (2) 45 (14) 34 (15) 93 (3) 67 (18) 89 (15) 48 (25) 13 50 (15) 33 (3) 50 (15) 37 (6) 13 (7) 50 (15) 37 (6) 20 (7) 13 (7) 58 (7) 13 (7) 58 (7) 13 (7) 58 (7) 13 (7) 58 (7) 13 (7) 13 (7) 58 (7) 13 (7) 13 (7) 126 (7) 50 (7) 126 (7) 126 (7) 15 (7) 5 (7) 37 (7) 15	3. Lt. 9. Rt. 9. Rt. 9. Rt. 9. Rt. 9. Lt. 3. Rt. 3. Rt. 4. Lt. 4. Lt.	0.14 0.0 0.18 0.0 1.0 1.7 1.0 1.7 1.0 3.45 0.10 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 7 3.3 7 3.6 7 3.7 3.7 3.7 7	B23.12 B23.12 B21.14 B21.84 B15.91 B16.24 B12.38 B12.34 B07.98 B07.39 Ex. (TBD) 796.74 796.74 796.56 795.83	822.87 8 820.87 8 815.03 8 815.03 8 807.38 8 795.83 7 795.78 7 794.21 7 793.83 7 793.83 7 793.83 7 799.92 7 799.92 7 799.92 7 799.92 7 799.92 7 799.92 7 799.92 7 799.92 7 799.92 7 799.95 7 799.95 7 798.95 7 798.95 7 799.59 7 799.59 7 799.59 7 799.59 7 799.59 7 799.59 7 799.59 7 803.94 80 803.94 80 803.94 80 803.68 80 803.68 80 802.95 80 802.95 80 804.09 80	822.82 7 822.82 7 814.88 7 811.56 7 807.07 7 795.46 7 799.46 7 799.89 7 799.89 7 799.89 7 799.89 7 799.89 7 799.89 7 799.89 7 799.89 7 799.89 7 799.89 7 799.89 7 799.89 7 799.89 7 799.89 7 799.80 7 799.80 7 799.80 7 799.80 7 799.80 7 799.80 7 799.80 7 799.80 7 799.80 7 799.80 7 799.81 7 703.74 7 703.74 7 7 7	75 A 7 75 NA 7	7.0 1 7.0 1 7	2 2 3 2 2 17 8 6 1 15 2 13 11 14 10 45 30 52 19 21 10 14 10 1 10 1 1 10 1 1 10 1 1 10 1 1 10 1 1 10 1 1 10 1 1 10 1 1 10 1 10 1 10 1 10 1 1 10 1 1 10 1 1 1 1 1 1 1 1		1. 1. 1. 1. 1. 1.	.2 4.5 .2 4.5 .2 4.5 .2 4.5 .2 4.5 .2 4.5 .2 7.5 .2 .2 .2 .2 .2 4.5 .2 .2 .2 4.5 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .3 .2 .3 .2 .3 .2 .3 .2 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3		EACH E 2 2 2 2 2 2 2 2 2 2 2 2 2		SLOPE EACH I I I			
SUBTOTAL SHEET 154 SUBTOTAL SHEET 155 SUBTOTAL SHEET 156 SUBTOTAL SHEET 157 SUBTOTAL SHEET 158 TOTAL													0,176 0 7,346 1 6,295 1 5,746 1 6,585 2 1,547 1 31,080 1	2 2 2 0	2.7 5.7 47.7 20.1 98.1 15.3	94.7 5.7 7.5 1 15	6						
NOTE: LINE "S-1-A" STRUCTURES 341, 342				AS-BUILT SURVEY BASED ON SUI INFORMATION COLLECTED ON 02-		•	* 205	No. 00012 *	Ibis Information was Hamilton County G System (GIS). This do official rec Entry Date: Entered By:	Pril 2010	-	No. PE10504		RECOMMENI FOR APPRO	<u> </u>	DESIGN E	ENGINEER	DATE	BOAH	RD OF PU		KS & SAFE	
This copy is from the Digital Archive of the Hamilton Cou	unty Surveyor's	Office; Noblesvi	ille, In 460	100	04/13/2009		AAVD S	ATE OF PLANA SURVEYOR MAN				STATE C		DESIGNED:	ASU PKW			PKW		STRUCTU	URE DATA	TABLE	SURVEY BOOKSHEETS159of165CONTRACTPROJECT NO.

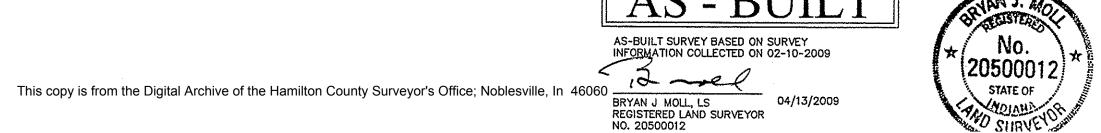


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	LOCATI	ON		1		1	I					FLOW							RIF	PRAP								ĺ			
STRUCTURE NUMBER	STATION	LEFT LEFT	CROSS	RIGHT	SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	SKEW	COVER	UF STRE PLAN ELEV.	5	DO STR	WN EAM AS-BUILT ELEV.	DESIGNATION	PH BACKFILL	MEIHOU STRUCTURE BACKFILL	REVETMENT	ASS 1	CLASS 2 UNIFORM	GEOTEXTILES	CONCRETE, CLASS A, FOR STRUCTURES	PIPE END SECTION	CONCRETE ANCHOR	GRATED BOX END SECTION		SAFET META END SECTIO	TY AL ON	AS-BUILT TOP OF CASTING	CONNECT TO STR. NO.	REMARKS
······································					in.			ft.		ft.					YR.		CYS.	TON	TON T	ON TOP	N SYS.	CYS.	EACH	EACH TYP	PE SLOPE	EACH	SLOPE	EACH	ELEV.]	
' <u>E "A" (CON</u>	נע ו																														
284	313 + 00	X			12	2	INLET TYPE B - 15	54		1.6	817.02	816.79	816.65	816.62			17												820.61	287	
	<u> </u>			_X	<u>12</u> 24	$\frac{2}{2}$	INLET TYPE B - 15 CATCH BASIN TYPE E - 7	54 23		1.8 0.8	816.77 815.75	816.87 815.70		816.43 815.77	75 NA 75 A	7.0 1	19 17	_				i.							820.78 818.40	288 287	
287	313 + 57.5	X			24	2	MOD. INLET TYPE C - 15	69		1.8	815.65	815.77	815.34	815.43	75 A	7.0 1	47												820.62	288	
288	313 + 57.5			<u>x</u>	<u> </u>	2	MOD. CATCH BASIN TYPE C – 15 MANHOLE TYPE K – 4	10 202		2.1 4.0	815.34 814.79	815.40 814.78		815.18 813.33	75 A 75 A	7.0 1	10 292												820.53 821.58	289 281	
289 290	<u> </u>		$-\frac{1}{x}$	<u> </u>			EXISTING 24" X 18" PIPE	202		1.0	0/4.70	0,4.70	010.01	0,0.00		,,													021.00	201	REMOVE EXISTING PIPE
291	314 + 15	X			12	2	INLET TYPE B - 15	54		1.7	817.02	816.96	816.65	816.42			17												820.61	287	
<u>292</u> 293	<u> </u>	Y		<u>_X</u>	12	2	INLET TYPE C - 15 INLET TYPE B - 15	54 69		1.8 1.5	816.77 817.56	816.92 817.32	816.34 817.23	· · · · · · · · · · · · · · · · · · ·	75 NA 75 NA		19 26												820.80 821.22	288 294	
295	315 + 15			X	12	2	INLET TYPE C - 15	97		1.8	817.23	817.10	816.77	816.95	75 NA	7.0 1	32												821.25		
295	316 + 40	X			12	2	INLET TYPE B - 15	69	ļ	1.8	818.24	818.29	817.97	817.76	75 NA	7.0 1	27												821.99	<i>296</i>	
<u>296</u> 297	<u> </u>			$\frac{X}{X}$	<u>18</u> 24		CATCH BASIN TYPE C – 15 MANHOLE TYPE K – 4	11 278		1.7	817.47 816.91	817.51 816.84	817.41 815.29		75 NA	7.0 1	239									 			821.87 822.89	289 289	
298	317 + 38		X				EXISTING 12" PIPE																								REMOVE EXISTING PIPE
298A	317 + 60	X			15 15		CATCH BASIN TYPE E – 7 INLET TYPE C – 15	20 69		1.2 1 4	819.00 818.83	818.98 818.75		·	75 A	7.0 1	10 29									<u> </u>			821.40 822.51	299 300	
<u>299</u> 300	<u> </u>			X		52	INLET TYPE C - 15	69 117		1.9	818.83 817.98	818.75 817.85			75 A	7.0 1	53												822.51 822.58	296	
301	318 + 65		X				EXISTING 12" PIPE			:																			007.07	707	REMOVE EXISTING PIPE
<u> </u>	318 + 80 318 + 80	X			<u>12</u> 12		INLET TYPE B - 15 INLET TYPE C - 15	69 117	[2.0 3.0	819.28 818.98	819.68 818.85			75 NA 75 NA	7.0 1 7.0 1	30 43												823.23 823.21	303 300	
304	320 + 00	X			12		CATCH BASIN TYPE E - 7	20	1	1.0	821.00	820.79		820.62	75 A	7.0 1	9					· · · · · · · · · · · · · · · · · · ·							822.97	305	
305	320 + 00	X			15		INLET TYPE C - 15	69		1.0	820.55	820.32	819.85			7.0 1	26												824.50	306	
<u> </u>	<u> </u>			$\frac{X}{X}$	15 24		CATCH BASIN TYPE C – 15 MANHOLE TYPE H – 4			1.8 3.3	819.85 818.99	819.77 818.75	819.74 816.91	819.35 816.84		7.0 1 7.0 1													823.87 825.15	307 297	
308	320 + 71			$\frac{x}{X}$	<u> </u>		EXISITING 12" PIPE			0.0																					REMOVE EXISTING PIPE
309	321 + 25	X			18		CATCH BASIN TYPE E - 7	21		1.0	821.00	821.11	820.84				11												823.48	310	
<u> </u>	<u> </u>			X			CATCH BASIN TYPE C – 15 MANHOLE TYPE H – 4	82 121		1.0 2.7	820.84 819.70	820.83 819.71	820.20 818.99	1			34 101												824.50 825.61	307	
312	321 + 52			$\frac{x}{x}$			EXISTING INLET																								REMOVE TEMP. CAP ON PIPE
313	321 + 54			<u></u>	12		EXISTING MANHOLE INLET TYPE C - 15	<u>25</u> 117			EX. (821.09) 821.58	EX. (821.46)		······································	75 NA	7.0 1	13 29												825.32	311	REMOVE TEMP. CAP ON PIPE
<u> </u>	<u> </u>			X	15		EXISTING INLET		<u> </u>	/./	021.30	821.48	821.09	020.90	7 <u>5</u> NA	7.0 7													020.02	510	STRUCTURE TO REMAIN IN PLACE
316	323 + 01			X			EXISTING MANHOLE																								STRUCTURE TO REMAIN IN PLACE
317	<u> </u>	X		V	12	2	INLET TYPE C – 15 EXISTING INLET	122	1	1.3	822.34	822.22	821.83	821.81	75 NA	7.0 1	33												825.94	314	STRUCTURE TO REMAIN IN PLACE
319	<u> </u>			$\frac{x}{x}$			EXISTING MANHOLE																								STRUCTURE TO REMAIN IN PLACE
320	324 + 95	X			12	2	INLET TYPE C - 15	122		1.5	822.85	822.80	822.34	822.31	75 NA	7.0 1	36												826.70		
<u> </u>	<u> </u>			$\frac{X}{X}$			EXISTING INLET EXISTING MANHOLE																								STRUCTURE TO REMAIN IN PLACE
323A	326 + 00	X			12	2	24"PIPE CATCH BASIN W/ TYPE 4	4 17		3.2	821.08	821.77	820.88	821.16	75 NA	7.0 1	8												825.17	325	
323	326 + 00	X				_	EXISTING 24" PIPE CATCH BASIN EXISTING MANHOLE				· · · · · · · · · · · · · · · · · · ·							_												1	REMOVE EXIST. CATCH BASIN & 7' OF PIPE STRUCTURE TO REMAIN IN PLACE
<u> </u>	<u> </u>	$\frac{x}{X}$			12	2	INLET TYPE B - 15	102		1.7	823.24	823.73	822.85	822.80	75 NA	7.0 1	1												827.26		STRUCTURE TO REMAIN IN TEACL
326	326 + 75			X			EXISTING INLET																								STRUCTURE TO REMAIN IN PLACE
<u> </u>	<u> </u>			<u></u>			EXISTING MANHOLE EXISTING MANHOLE																								STRUCTURE TO REMAIN IN PLACE
													· · · · · · · · · · · · · · · · · · ·																******		
<u>'E "S-1-A"</u>											· · · · · · · · · · · · · · · · · · ·					_											T				
341	14+26.6			X	12	.3	PIPE	36		1	822.93		822.61		75 A	7.0 1	2			6.2	75		2							<u> </u>	
342A	15+21.4	X			12	3	PIPE	20		1	822.38	-	822.08		75 A	7.0 1	2				75 75		2						······································	11	
<u>343</u> A	16+99.2	<u>X</u>			12	3	PIPE	93		1	820.41		819.39		75 A	7.0 1	2			6.7	75		2								
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·····		1			· · · · · · · · · · · ·						· · · · · · · · · · · · · · · · · · ·												· · · · · · · · · · · · · · · · · · ·							ļ	
																								 		 					
																															
	SUBTOTAL									·							1,547	,		20.	.1 15		6								
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							AS - BU	T. TI	••••••••••••••••••••••••••••••••••••••	BRYAN J	MO	AND LANGE	This Information wa Hamilton County System (GIS), This	s gathered for input into the Geographic Information document is considered an		INTER CK	K. Willing		OMMEND	ED	211	10	el.L.	,					VILLE		HORIZONTAL SCALE BRIDGE FILE
													-) official r	ecord of the GIS. April 2010			NO.				DESIGN	ENGINEER	_ 7/ 40		ARD OI	F PU	BLIC	WORK	KS & S	SAFE	VERTICAL SCALE DESIGNATION NO.
							AS-BUILT SURVEY BASED ON SUR INFORMATION COLLECTED ON 02-	10-2009		* (No 20500)012)* <u></u>	AND A	Entered By:			E PF1	10504741		IGNED:		1										SURVEY BOOK SHEETS
Th	is copy is from the Digital Ar	chive of	the Hamil	ton Cour	ty Surveyor's	Office; N	bblesville, In 46060	4/13/2009	1 ALL ALL ALL ALL ALL ALL ALL ALL ALL AL	STATE AND SUF	OF /		cintered By:			The start of	INDIANA.	S		ASU		RAWN:	ASU		STF	RUCI	JKE	DAIA	TABLE	-	158 of 165 CONTRACT PROJECT NO.
							BRYAN J. MOLL, LS 04 REGISTERED LAND SURVEYOR NO. 20500012			SUF	WE Statist					11555	NAL Entite	CHE	CKED:	PKW	Cł	HECKED:	<u> </u>								



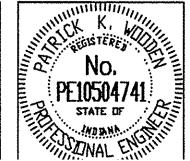
				jjjjj						†				STRUCT	URE I	DATA	\										
	STRUCTURE NUMBER		LEFT CROSS	RIGHT	SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	SKEW	COVER	PLAN	AM AS-BUILT	DO STR PLAN	AS-BUILT	SERVICE LIFE SITE DESIGNATION	pH BACKFILL	METHOD STRUCTURE BACKFILI	REVETMENT		v W	GEUTEXTILES CONCRETE, CLASS A, FOR STRUCTURES		CONCRETE ANCHOR	GRATED BOX END SECTION	SAFETY METAL END SECTION	AS-BUILT TOP OF CASTING	REMARKS
					in.			ft.		ft.					YR.	<u> </u>	CYS	S. TON	TON TO	N TON S	rs. Cys.	EACH	EACH T	YPE SLOPE EACH	SLOPE EACH	ELEV.	
285 307 1.8 x 1/2 2 MEET PPE B -15 69 1.1 400.90 200.97 200 100 100 400.90 200.97 100 100 400.90 200.97 100 100 400.90 200.97 100 100 400.90 200.97 100 100 400.90 200.97 100 400.90 200.97 100 400.90 200.97 100 400.90 200.97 100 400.90 200.97 100 400.90 200.97 100 400.90 200.97 100 400.90 200.97 100 400.90 200.97 100 400.90 200.97 100 400.90 200.97 100 400.90 200.97 100 400.90 200.97 400.90 200.97 400.90 200.97 400.90 200.97 400.90 200.97 400.90 200.97 400.90 200.97 400.90 200.97 400.90 200.97 400.90 200.97 400.90 200.97 400.90 200.97 400.90 200.97 400.90 200.97 400.97	228 229 230 231 231A 231A 232 233 234 235 236 237 238 239 239A 239 239A 240 240 241 242 243 244 244 244 244 244 245 246 247 246 247 248 249 250 251 252 253 254 255 255 256 257 257 257 257 257 257 257 257 257 257	$\begin{array}{c} 293 + 26 \\ 293 + 50 \\ 293 + 50 \\ 294 + 50 \\ 294 + 50 \\ 294 + 75 \\ 294 + 75 \\ 294 + 75 \\ 294 + 92.2 \\ 295 + 02 \\ 295 + 02 \\ 295 + 02 \\ 295 + 00 \\ 296 + 00 \\ 296 + 00 \\ 296 + 00 \\ 296 + 00 \\ 296 + 00 \\ 296 + 00 \\ 297 + 30 \\ 297 + 30 \\ 297 + 30 \\ 297 + 30 \\ 297 + 30 \\ 297 + 30 \\ 297 + 30 \\ 297 + 30 \\ 297 + 50 \\ 297 + 50 \\ 298 + 10 \\ \hline \end{array}$	X X X X <t< td=""><td></td><td>$\begin{array}{r} 12 \\ 12 \\ 42 \\ 12 \\$</td><td></td><td>INLET TYPE $B - 15$ INLET TYPE $M - 10$ MANHOLE TYPE $K - 4$ CATCH BASIN TYPE $E - 7$ INLET TYPE $B - 15$ MOD. CATCH BASIN TYPE $M - 10$ 24" PIPE CATCH BASIN TYPE $M - 10$ 24" PIPE CATCH BASIN TYPE 4 MANHOLE TYPE $C - 4$ EXISTING 24" X 18" PIPE CATCH BASIN TYPE $E - 7$ MOD. INLET TYPE $C - 15$ MOD. CATCH BASIN TYPE $M - 10$ MANHOLE TYPE $K - 4$ EXISTING STRUCTURE INLET TYPE $B - 15$ CATCH BASIN TYPE $C - 15$ MANHOLE TYPE $K - 4$ CATCH BASIN TYPE $E - 7$ EXISTING SANITARY MANHOLE INLET TYPE $B - 15$ INLET $B - 15$ INLET $B -$</td><td>$\begin{array}{c} 123\\ 324\\ 17\\ 42\\ 45\\ 29\\ 28\\ 43\\ 38\\ 147\\ 11\\ 11\\ 17\\ 47\\ 11\\ 126\\ 15\\ 42\\ 77\\ 47\\ 11\\ 126\\ 15\\ 42\\ 77\\ 47\\ 11\\ 126\\ 15\\ 42\\ 77\\ 11\\ 126\\ 15\\ 42\\ 77\\ 11\\ 126\\ 15\\ 42\\ 77\\ 11\\ 11\\ 214\\ 69\\ 146\\ 78\\ 69\\ 146\\ 78\\ 69\\ 11\\ 214\\ 69\\ 11\\ 21\\ 21\\ 21\\ 21\\ 21\\ 21\\ 21\\ 21\\ 21$</td><td>32° Rt.</td><td>2.5 5.8 0.5 1.8 2.4 0.6 2.8 3.4 6.6 1.9 2.5 1.9 2.3 5.0 0.8 2.5 1.9 2.3 5.0 0.8 2.5 1.8 2.5 1.8 2.5 1.8 2.5 1.8 2.5 1.8 2.5 1.8 2.5 1.8 2.5 1.8 2.5 1.8 2.5 1.8 2.5 1.8 1.2 2.0 2.5 1.8 1.2 2.0 2.5 1.8 1.2 2.0 2.5 1.8 1.2 2.5 1.3 1.5</td><td>806.38 806.38 805.50 805.50 806.35 806.35 806.30 806.50 806.50 806.50 806.30 806.30 806.30 806.30 806.30 806.30 806.30 806.30 806.30 806.30 806.30 806.30 806.30 807.00 808.63 809.13 809.13 809.55 806.18 811.37 814.50 814.50 814.50</td><td>806.58 806.81 803.13 805.61 806.69 806.21 806.21 806.29 806.31 805.55 804.20 804.20 807.97 808.64 808.19 807.97 808.64 808.19 807.02 807.02 807.02 807.02 807.02 807.02 807.02 807.02</td><td>806.15 805.40 800.94 805.43 806.35 805.90 805.90 806.62 806.62 806.30 805.24 803.34 803.34 803.34 803.34 803.34 803.34 803.34 803.34 803.34 803.34 803.34 808.03 804.20 806.85 804.20 806.85 804.20 806.85 804.20 805.55 809.45 809.55 809.45 809.55</td><td>805.81 805.32 800.86 805.43 806.38 805.88 805.88 805.85 805.12 803.23 803.23 803.23 803.23 803.23 803.23 803.23 803.23 803.23 803.23 803.23 803.23 803.23 803.23 803.23 803.23 803.23 808.34 804.20 808.34 808.34 809.46 809.46 809.46 809.46 809.40</td><td>Image: Constraint of the sector of the se</td><td>7.0 7</td><td>21 51 797 9 20 27 9 20 27 20 27 20 27 36 43 315 36 43 315 36 43 315 36 43 37 38 251 9 18 33 251 9 18 37 65 37 65 65 65 69 73 69 73 69 73 69 73 69 73 69 73 75</td><td></td><td></td><td>N TON S I I I</td><td>/S. CYS. </td><td></td><td></td><td>YPE SLOPE EACH I I</td><td>SLOPE EACH I I I I I I I I I I I I I I I I I I I I I I</td><td>810.15 230 810.84 226 812.92 223 807.11 231 811.07 233 811.53 231 811.53 231 808.29 238 811.81 239 812.32 239 813.32 231 813.32 231 813.32 231 813.32 239 813.32 239 813.32 231 813.32 231 813.32 239 813.43 243 813.74 245 813.69 239 813.74 245 813.75 248 813.72 248 813.73 248 813.79 254 816.66 257 816.57 254 816.57 254 816.57 254 816.57 254 818.26 262 822.46 263 822.46 263</td><td>CONNECT EXISTING FIELD TILE CONNECT EXISTING FIELD TILE CONNECT EXISTING FIELD TILE REMOVE EXISTING PIPE REMOVE EXISTING STRUCTURE & FIELD TILE REMOVE EXISTING STRUCTURE & FIELD TILE REMOVE EXISTING TO GRADE REMOVE EXISTING PIPE CONNECT TO EXISTING FIELD TILE CONNECT TO EXISTING FIELD TILE CONNECT TO EXISTING FIELD TILE ADJUST CASTING TO GRADE REMOVE EXISTING PIPE</td></t<>		$ \begin{array}{r} 12 \\ 12 \\ 42 \\ 12 \\$		INLET TYPE $B - 15$ INLET TYPE $M - 10$ MANHOLE TYPE $K - 4$ CATCH BASIN TYPE $E - 7$ INLET TYPE $B - 15$ MOD. CATCH BASIN TYPE $M - 10$ 24" PIPE CATCH BASIN TYPE $M - 10$ 24" PIPE CATCH BASIN TYPE 4 MANHOLE TYPE $C - 4$ EXISTING 24" X 18" PIPE CATCH BASIN TYPE $E - 7$ MOD. INLET TYPE $C - 15$ MOD. CATCH BASIN TYPE $M - 10$ MANHOLE TYPE $K - 4$ EXISTING STRUCTURE INLET TYPE $B - 15$ CATCH BASIN TYPE $C - 15$ MANHOLE TYPE $K - 4$ CATCH BASIN TYPE $E - 7$ EXISTING SANITARY MANHOLE INLET TYPE $B - 15$ INLET $B - 15$ INLET $B - $	$ \begin{array}{c} 123\\ 324\\ 17\\ 42\\ 45\\ 29\\ 28\\ 43\\ 38\\ 147\\ 11\\ 11\\ 17\\ 47\\ 11\\ 126\\ 15\\ 42\\ 77\\ 47\\ 11\\ 126\\ 15\\ 42\\ 77\\ 47\\ 11\\ 126\\ 15\\ 42\\ 77\\ 11\\ 126\\ 15\\ 42\\ 77\\ 11\\ 126\\ 15\\ 42\\ 77\\ 11\\ 11\\ 214\\ 69\\ 146\\ 78\\ 69\\ 146\\ 78\\ 69\\ 11\\ 214\\ 69\\ 11\\ 21\\ 21\\ 21\\ 21\\ 21\\ 21\\ 21\\ 21\\ 21$	32° Rt.	2.5 5.8 0.5 1.8 2.4 0.6 2.8 3.4 6.6 1.9 2.5 1.9 2.3 5.0 0.8 2.5 1.9 2.3 5.0 0.8 2.5 1.8 2.5 1.8 2.5 1.8 2.5 1.8 2.5 1.8 2.5 1.8 2.5 1.8 2.5 1.8 2.5 1.8 2.5 1.8 2.5 1.8 1.2 2.0 2.5 1.8 1.2 2.0 2.5 1.8 1.2 2.0 2.5 1.8 1.2 2.5 1.3 1.5	806.38 806.38 805.50 805.50 806.35 806.35 806.30 806.50 806.50 806.50 806.30 806.30 806.30 806.30 806.30 806.30 806.30 806.30 806.30 806.30 806.30 806.30 806.30 807.00 808.63 809.13 809.13 809.55 806.18 811.37 814.50 814.50 814.50	806.58 806.81 803.13 805.61 806.69 806.21 806.21 806.29 806.31 805.55 804.20 804.20 807.97 808.64 808.19 807.97 808.64 808.19 807.02 807.02 807.02 807.02 807.02 807.02 807.02 807.02	806.15 805.40 800.94 805.43 806.35 805.90 805.90 806.62 806.62 806.30 805.24 803.34 803.34 803.34 803.34 803.34 803.34 803.34 803.34 803.34 803.34 803.34 808.03 804.20 806.85 804.20 806.85 804.20 806.85 804.20 805.55 809.45 809.55 809.45 809.55	805.81 805.32 800.86 805.43 806.38 805.88 805.88 805.85 805.12 803.23 803.23 803.23 803.23 803.23 803.23 803.23 803.23 803.23 803.23 803.23 803.23 803.23 803.23 803.23 803.23 803.23 808.34 804.20 808.34 808.34 809.46 809.46 809.46 809.46 809.40	Image: Constraint of the sector of the se	7.0 7	21 51 797 9 20 27 9 20 27 20 27 20 27 36 43 315 36 43 315 36 43 315 36 43 37 38 251 9 18 33 251 9 18 37 65 37 65 65 65 69 73 69 73 69 73 69 73 69 73 69 73 75			N TON S I I I	/S. CYS.			YPE SLOPE EACH I I	SLOPE EACH I I I I I I I I I I I I I I I I I I I I I I	810.15 230 810.84 226 812.92 223 807.11 231 811.07 233 811.53 231 811.53 231 808.29 238 811.81 239 812.32 239 813.32 231 813.32 231 813.32 231 813.32 239 813.32 239 813.32 231 813.32 231 813.32 239 813.43 243 813.74 245 813.69 239 813.74 245 813.75 248 813.72 248 813.73 248 813.79 254 816.66 257 816.57 254 816.57 254 816.57 254 816.57 254 818.26 262 822.46 263 822.46 263	CONNECT EXISTING FIELD TILE CONNECT EXISTING FIELD TILE CONNECT EXISTING FIELD TILE REMOVE EXISTING PIPE REMOVE EXISTING STRUCTURE & FIELD TILE REMOVE EXISTING STRUCTURE & FIELD TILE REMOVE EXISTING TO GRADE REMOVE EXISTING PIPE CONNECT TO EXISTING FIELD TILE CONNECT TO EXISTING FIELD TILE CONNECT TO EXISTING FIELD TILE ADJUST CASTING TO GRADE REMOVE EXISTING PIPE
	264 265 266 267 268 269 270 270 271 272 273 274 275 276 276 277 278 278 279 280 281 282	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$			30 12 12 36 12 12 12 12 12 12 18 18 18 24	$ \begin{array}{c} 2 \\ $	MANHOLE TYPE K - 4 INLET TYPE B - 15 CATCH BASIN TYPE C - 15 MANHOLE TYPE K - 4 MANHOLE TYPE H - 4 INLET TYPE B - 15 CATCH BASIN TYPE C - 15 MANHOLE TYPE K - 4 CATCH BASIN TYPE E - 7 INLET TYPE C - 15 INLET TYPE C - 15 EXISTING 12" PIPE CATCH BASIN TYPE E - 7 MOD. INLET TYPE C - 15 MOD. CATCH BASIN TYPE C - 15 MANHOLE TYPE K - 4 MANHOLE TYPE K - 4	392 69 10 369 134 69 10 120 12 20 73 147 26 69 10 295 10 295	2° Lt. 21 Lt. 21 Lt.	1.1 1.7 9.6 12.0 2.0 2.6 8.7 1.0 1.5 2.2 2.7 1.2 3.3 4.1 6.5	808.49 820.80 820.44 810.67 Ex.(808.60) 8 819.47 818.97 811.38 818.00 819.50 818.65 817.98 817.98 816.00 815.74 814.48	808.55 821.07 820.50 810.73 5x.(808.60) 819.44 819.20 811.49 818.01 819.30 818.74 817.98 815.68 815.72 814.67 812.86	806.18 820.44 820.34 808.49 Ex.(807.71) 818.97 818.97 818.87 810.67 817.88 819.28 817.98 817.98 815.74 815.74 814.98 814.43 814.43 811.38	807.30 820.90 820.28 808.65 Ex.(807.71) 819.25 818.94 810.73 817.84 819.29 817.88 816.47 815.78 815.78 815.42 814.13 811.49	75 A 75 NA 75 A 75	7.0 1 7.0 1	1038 28 6 1451 90 33 7 402 6 9 33 68 21 57 14 57 14 57 14 796 4 57 14 57 14 57 14 57 14 57 14 57 14 57	7 7 7 7 7 7 7 7 7 7 7 7 7 7		Ante	Wonlon					823.65 255 824.52 266 824.60 267 825.73 264 823.23 269 823.69 271 823.69 271 823.69 271 823.69 271 823.69 271 823.69 271 823.69 271 823.69 271 823.69 271 823.69 271 823.69 271 823.85 272 824.74 267 820.06 272 821.55 275 822.73 280 821.69 280 821.69 280 821.72 281 822.61 272 822.61 272 822.61 272 822.61 272 820.61 272 820.61 272 820.61 272 820.61 272 820.61 272 820.61 272	CONNECT TO EXIST. RUSSELL SHUGART DRAIN



	LOCATION LOCATION LOCATION LOCATION LOCATION																		-				-						
LRE FR	LOCAT					ΡE		ЗТН	>	ER	UP STRE	>	LINE DO' STR	WN EAM	10N			TURE FILL	-	RIPRAF	SW SIN	KETE, V, FOR URES	END	RETE HOR	GRATED	SAFETY	AS-BUILT TOP OF CASTING	0. 0.	
STRUCTU	STATION STATION		CROSS	RIGHT	SIZE	PIPE T	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENG	SKEW	COV	PLAN ELEV.	AS-BUILT ELEV.	PLAN ELEV.	AS-BUILT ELEV.	SERV LIF SITE DESIGNA	Hd	BACKFILL METHOD	STRUC BACK	REVETM	AS!	UNIFOF	CONCF CLASS / STRUCT	PIPE SECT	CONCRETE ANCHOR	GRATED BOX END SECTION	SAFETY METAL END SECTION	CASTING	CONNECT STR. NO	REMARKS
LINE "A" (CO					in.			ft.		ft.					YR.			CYS.	TON TON	TON	TON SYS	S. CYS.	EACH	EACH	TYPE SLOPE EACH	SLOPE EACH	ELEV.		
178 ·	277 + 95	X					EXISTING INLET												· · · · · · ·						······				REMOVE EXISTING INLET & PIPE
<u> </u>	<u> 278 + 30</u> 278 + 30	<u>X</u>			<u>12</u> 12		INLET TYPE B - 15 INLET TYPE B - 15	<u>41</u> 41		2.6 2.4	797.02 796.77	797.10 796.88	796.80 796.43		75 NA 75 NA	7.0	1 1	16 18									<u>801.21</u> 801.24	<u>174</u> 175	
181	278 + 38	X					EXIST. 12" PIPE																						REMOVE EXISTING PIPE
182	278 + 74			X	48	2	MANHOLE TYPE K - 4	91		3.4	793.32	793.42	793.00	793.93	75 A	7.0	1	73		*	**			1			802.56		OUTLET INTO A.J. BROCK DRAIN SEE STR. NO. 173 FOR RIPRAP DETAILS
183	279 + 00	X			12	2	CATCH BASIN TYPE E - 7	7	······	2.3	796.87		796.80	ويستبار المليا البلية المسلب فلنعا المرتب بالبرا التنسبية المتكمي المستلم سيتلم	75 A	7.0	1	4							······································		800.18	183A	SEE STR. NO. TTO FOR RIFRAF DETAILS
183A	279 + 00	<u>X</u>			42		MANHOLE TYPE K - 4		13° Rt.	}	794.26	794.58	793.82		75 A 75 NA	7.0		167 30									802.33	182	
<u> </u>	<u> 279 + 30</u> 279 + 30			X	<u>12</u> 15		INLET TYPE B - 15 CATCH BASIN TYPE C - 15	69 10		2.0 2.5	797.85 797.10	797.81 797.16	797.35 797.04	797.52 797.01	75 NA 75 NA	7.0	1	8									801.85 801.81	185	
186	279 + 30			X	42		MANHOLE TYPE K - 4	50		4.4	794.11	794.13	793.82	793.67	75 A	7.0		99									801.46	182	
187	280 + 50	<u>X</u>		~	<u>12</u>		INLET TYPE B - 15	<i>69</i>		1.8 2.1		798.84 797.93	798.07	798.12	75 NA	7.0	1	29									<i>802.54</i> <i>802.54</i>		
<u>188</u> 189	280 + 50 280 + 60	<i>x</i>		<u></u>	15		INLET TYPE C – 15 EXIST. CATCH BASIN	117		2.1	131.02	131.33	191.10	797.26												······	002.34		REMOVE EXISTING CATCH BASIN
190	280 + 68	X			12		PIPE	12		0.93	801.13	800.86	801.07		75 A	7.0	2	2			5.7	7	2						
191	282 + 00	X			18		CATCH BASIN TYPE E - 7	8 295		1.6 4.4	798.70 795.60	798.52 795.23	798.54 794.26	798.06	75 A	7.0	1	5	1.2				_				801.50 804.13		
<u> </u>	282 + 00 282 + 00	$\frac{x}{x}$			<u>42</u> 12		MANHOLE TYPE K – 4 INLET TYPE B – 15	295 69		4.4 2.3	799.22	799.49	794.20 798.87	794.58 798.73	75 NA	7.0	1	31					-				804.13 803.39		
193	282 + 00			X	12	2	INLET TYPE C - 15	147		2.3	798.87	798.73	798.07	798.01	75 NA	7.0	1	60									803.43	188	
194	<u>282 + 75</u>	X X			18		CATCH BASIN TYPE E - 7	8 71		1.4 4.2	***************	798.94 795.95	798.95	798.88 795.26	75 A	7.0	1	5									801.82 804.85		
<u> </u>	<u>282 + 75</u> 283 + 50	$\frac{x}{x}$			<u>42</u> 12		MANHOLE TYPE K – 4 INLET TYPE B – 15	69		4.2 2.6	799.93	799.52	795.60	795.26 799.07	75 A 75 NA	7.0	1	37									804.85		
196	283 + 50			X	15			10		3.1	798.86	798.69	798.79	798.53	75 NA	7.0	1	9									804.32	197	
197	283 + 50			X	42		MANHOLE TYPE K - 4	415	25° D+	5.5		796.38	794.11		75 A	7.0	1	867									807.03		
198 199	<u> 284 + 95 </u>	<u> </u>	X		12	2	INLET TYPE B - 15 EXIST. 10" PIPE	63 2	<u>20 Al.</u>		001.74	801.73		801.52				1								**************************************	805.58		REMOVE EXISTING PIPE
200	285 + 25			X	12	2	INLET TYPE $C - 15$	171		2.4		800.49	799.11	799.00	75 NA	7.0	1	80								·····	805.34	196	
201	285 + 55		X		12		INLET TYPE M - 10	52 .	36° Rt.	2.6		801.32	800.67	800.70	75 NA	7.0	1	24									806.10		
202 202A	286 + 00 286 + 00	$\frac{X}{X}$			<u>12</u> 42		CATCH BASIN TYPE E - 7 MANHOLE TYPE K - 4	11 321		5.3	801.51 797.39	797.41	795.93	799.00 800.70 801.41 795.95	75 A 75 A	7.0	1	5 739								·	803.91 807.59		
203	286 + 00			X	12	2	INLET TYPE J - 10	42		2.6	801.60	801.63	801.33	801.40	15 NA.	1.0	7	<u>19</u>									806.33	201	
203A 204	286 + 00 286 + 72	- V		<u>x</u>	12	2	INLET TYPE C - 15	72		2.6	801.12	801.27	800.67	800.49	75 NA	7.0	1	31					-				805.82		REMOVE EXISTING CATCH BASIN
204	286 + 88		X		<u>, , , , , , , , , , , , , , , , , , , </u>		EXIST. CATCH BASIN EXIST. 12" PIPE									╉╌╂													REMOVE EXISTING CATCH BASIN
206	287 + 00		X		12	2		62 .	34° Lt.	2.6		802.57	802.02	802.09	75 NA	7.0	1	25									806.97	207	
207	287 + 35 287 + 35			<u>×</u>	12		CATCH BASIN TYPE C - 15	11	2º D+	2.2		802.07	801.88	801.54	75 NA	7.0	1	7											
208 209	287 + 35 287 + 35			$\frac{x}{x}$	<u> </u>		MANHOLE TYPE K – 4 CATCH BASIN TYPE E – 7	379 5	$2 \pi l.$	4.2	802.51	798.59 802.52	796.52 802.46			7.0 7.0	1	565 3									807.54 804.52		
210	288 + 50		X		12	2	INLET TYPE M - 10	60 .	21° Lt.	1	803.16	803.84	802.86	803.15	75 NA	7.0	1	23									807.75	212	
211	288 + 72	X			12			15		1.1		802.64	802.35				1						-				804.56		CONNECT EXIST. FIELD TILE TO STRUCTURE
211A 212	288 + 72 288 + 75	<u>x</u>		X	<u> </u>			271 135	4° Rt.	6.1 2.1		799.56 803.13	797.89 802.02			7.0	1	500					-	L			809.46 807.53		
213	289 + 50		X		12	2	INLET TYPE M - 10	97	3* Rt.	2.8	803.77	803.89	803.16	803.93	75 NA	7.0	1	34									808.39	210	
214	289+ 75 200 + 00			X	12			96 15				803.74	802.86				7										808.55	212 217	
215 216	290 + 00 290 + 20	$\begin{array}{c} X \\ X \end{array}$			<u> </u>			45 . 145		<u> </u>		804.53 800.76	804.13 799.79				1										808.71 809.76		
217	290+ 15		X		12		INLET TYPE M - 10	63		2.5	804.13	 ,,,,,,,	803.77													·····	808.68	213	
218 219	290 + 34	<u> </u>	X				EXISTING SANITARY MANHOLE EXISTING 12" PIPE			-																			ADJUST CASTING TO GRADE REMOVE EXISTING PIPE
219 220	290 + 66 290 + 98	X					EXISTING TZ PIPE EXISTING SANITARY MANHOLE			<u> </u>						╂╌╌┠										······			ADJUST CASTING TO GRADE
221	291 + 20	X			12	2	CATCH BASIN TYPE E - 7	30 2	22° Lt.	↓		805.32	· · · · · · · · · · · · · · · · · · ·	804.74	· · · · · · · · · · · · · · · · · · ·	7.0	1	13									808.19		
<u>222</u> 223	<u> 291 + 25</u> 291 + 25		<u></u>		15		MOD. CATCH BASIN M – 10 MANHOLE TYPE K – 4	49 383		3.2 A A		803.94 800.86	803.57				1	33 791									809.39 810.36		
<u> </u>	291 + 25 291 + 30	- x			<u> </u>			<u> </u>	22° Lt.	4.4 2.0	and the second	<i>800.86</i> <i>804.74</i>	798.73 804.31			7.0 7.0	1										810.36 808.95		
225	291 + 65	X			12	2	INLET TYPE C - 15	31	3* Rt.	1.8	804.96	805.14	804.74	804.74	75 NA	7.0	1	11									808.99	224	
226 227	292 + 25 292 + 35	Y	<u>_X</u>		<u>12</u> 12			98 66		11		805.32 805.45	804.81 804.96	· · · · · · · · · · · · · · · · · · ·			1					· · · · · · · · · · · · · · · · · · ·	┨───┤				810.07 809.40	222	
<u> </u>			<u>-</u>		12		114661 111-6 D - 10			 			007.90	000.20	IVA	1.0	1	<u>~</u>									503.40	425	
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					<u>, , , , , , , , , , , , , , , , , , , </u>											_							-						
	SUBTOTAL																	5,746	1.2		5.7	7							
	* RIPRAP QUANTITY INCLUDED W/ STR. NO. 173 ** GEOTEXTILES QUANTITY INCLUDED W/ STR. NO. 173 Intry Date: April 2010 AS-BUILT SURVEY BASED ON SURVEY INFORMATION COLLECTED ON 02-10-2009												K K,		RECOMMEN	NDED OVAL		ENGINEER	4/2/0		CITY O OARD OF PUI	F NOBLE BLIC WOR		SAFE'					
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This copy I	is nom the Digital Archive of the		County St	ui veyör		nesville, li	46060 BRYAN J MOLL, REGISTERED LA NO 20500012		- 04/13/2 R	009		SURVEY CRANNE	,			THE A	INDANA E	NETHIN	CHECKED:	D!	(W C	HECKED:	PKW		SINCON		· · · · · · · · · · · · · · · · · · ·	*	CONTRACT PROJECT NO.
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BRYAN J MOLL, LS REGISTERED LAND SURVEYOR NO 20500012





RECOMMENDED FOR APPROVAL	DESIG	N ENGINEER	#/2/07 DATE	BOARD		Y OF N PUBLIC			
DESIGNED:	ASU	DRAWN:	ASU		STRI	JCTURE	DATA	TABL	E
CHECKED:	PKW	CHECKED:	PKW						