

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

June 9, 2006

To: Hamilton County Drainage Board

Re: T J Patterson Drain and Thomas Bennett Arm

Attached is a petition and plans for the proposed relocation of the T J Patterson Drain and Thomas Bennett Arm. The relocation is being proposed by The City of Noblesville. The proposal is to relocate the drain within the right-of-way of 136th Street and parcel 13-11-23-00-00-011.000 owned by Interstate Holdings, LLC, as part of the 136th Street project in conjunction with the Hamilton Town Center project per plans by American Consulting, Inc., project IN20050585 and dated 6/7/2006. This portion of new drain will be from Str. #177 to the proposed open ditch as shown on Sheets 6 and 3 respectively on the above referenced plan.

This line will consist of the following:

777' of 15' RCP

1036' of 18" RCP

965' of 24" RCP

The total length of the new drain shall be 2778 feet. The 1366 feet of original drain between Sta. 29+28 and 42+30 (Thomas Bennett Arm) and 45+00 and 45+64 (TJ Patterson Drain) shall be vacated. This proposal will add an additional 1412 feet to the drain's total length. The existing tile between Sta. 45+64 and 59+53 located on parcel 13-11-23-00-00-011.000 owned by Interstate Holdings, LLC., may be vacated in the future as this site develops.

Because the petitioner is the City of Noblesville, the requirement for posting surety, in the form of a performance bond or letter of credit, has been waived.

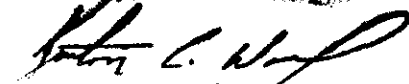
Attached are exhibits and legal descriptions for the existing easements to be vacated. The parcels affected are: 13-11-23-00-00-022.000 owned by William O. Irvine, Adaline M. Cornett Instrument no. 8803379) and Eugene P. Cornett Living Trust (Instrument no. 9553793); and parcel 13-11-23-00-00-023.000 owned by Tom Sylvester (Instrument no. 200200023633) and Garrick M. Mallery (D.R. 253, Page 89).

Attached is a Non-enforcement Request. The easement for the new drain will be 15' per half and will be located within the 136th Street right-of-way, with the exception of the drain located on the Interstate Holdings' parcel, which will be located within existing Regulated Drain easement. I recommend approval of the Non-enforcement by the Board.

I recommend this drain be classified as an urban drain.

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 a hearing date for July 24, 2006.

Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/stc

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN RE: _____)
Hamilton County, Indiana)

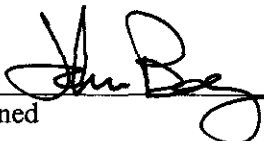
PETITION FOR RELOCATION AND RECONSTRUCTION

_____ The City of Noblesville _____ (hereinafter Petitioner”),

hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a section of the _____ TJ Patterson _____ Drain, and in support of said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the _____ TJ Patterson _____ Drain runs.
2. Petitioner plans to develop its real estate with roads, buildings, utilities, storm drains, sanitary sewers and other structures.
3. Petitioner’s proposed development of its real estate will require relocation and reconstruction of a portion of the _____ TJ Patterson _____ Drain, as specifically shown on engineering plans and specifications filed with the Hamilton County Surveyor.
4. The work necessary for the proposed relocation and reconstruction will be undertaken at the sole expense of the Petitioner and such work will result in substantial improvement to the _____ TJ Patterson _____ Drain, without cost to other property owners on the watershed of the _____ TJ Patterson _____ Drain.

WHEREFORE, Petitioner requests that an Order issued from the Hamilton County Drainage Board authorizing relocation and reconstruction of the _____ TJ Patterson _____ Drain, in conformance with applicable law and plans and specifications on file with the Hamilton County Surveyor.



Signed
John Beery - City Engineer

Printed

CITY OF NOBLESVILLE

T.J. Patterson Legal Drain Relocation

ENGINEER'S ESTIMATE

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
1	CONSTRUCTION ENGINEERING	LS	1	\$ 8,000.00	\$ 8,000.00
2	MOBILIZATION AND DEMOBILIZATION	LS	1	\$ 3,200.00	\$ 3,200.00
3	CLEARING RIGHT OF WAY	LS	1	\$ 1,000.00	\$ 1,000.00
4	TEMPORARY SILT FENCE	LF	3,000	\$ 3.00	\$ 9,000.00
5	STRUCTURE BACKFILL	CYS	1,418	\$ 15.00	\$ 21,270.00
6	SEED MIXTURE, U	LBS	210	\$ 5.00	\$ 1,050.00
7	SEED MIXTURE, T	LBS	105	\$ 5.00	\$ 525.00
8	RIPRAP	TON	5	\$ 100.00	\$ 500.00
9	GEOTEXTILES	SYS	6	\$ 10.00	\$ 60.00
10	PIPE, CLASS III, 15 IN.	LF	147	\$ 35.00	\$ 5,145.00
11	PIPE, CLASS IV, 15 IN.	LF	630	\$ 40.00	\$ 25,200.00
12	PIPE, CLASS III, 18 IN.	LF	740	\$ 40.00	\$ 29,600.00
13	PIPE, CLASS IV, 18 IN.	LF	789	\$ 45.00	\$ 35,505.00
14	PIPE, CLASS III, 24 IN.	LF	472	\$ 50.00	\$ 23,600.00
15	PIPE END SECTION, 24"	EACH	1	\$ 475.00	\$ 475.00
16	MANHOLE, TYPE C	EA	16	\$ 2,200.00	\$ 35,200.00

TOTAL BASE BID: \$ 199,330.00

From: "Butz, Bill" <BButz@amercons.com>
To: <stc@co.hamilton.in.us>
Date: 6/6/2006 9:40:03 AM
Subject: TJ Patterson Construction Cost Estimate

Steve,

The construction estimate as promised is attached.

We are working on your comments and should have the revised plans to you by end of day tomorrow at the latest.

Let me know if you have any questions.

Thank you,

Bill Butz, P.E.
American Consulting, Inc.
7260 Shadeland Station
Indianapolis, IN 46256-3957
Phone: (317) 547 - 5580
Fax: (317) 543 - 0270
bbutz@amercons.com
www.amercons.com

DISCLAIMER:

This message contains confidential information and is intended only for the individual named. If you are not the named addressee, you should not disseminate, distribute, or copy this e-mail. Please notify the sender immediately by e-mail if you have received this e-mail by mistake, and delete this e-mail from your system. E-mail transmission cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete, or contain viruses. The sender therefore does not accept liability for any errors or omissions in the contents of this message which arise as a result of e-mail transmission. If verification is required, please request a hard-copy version. American Consulting, Inc., 7260 Shadeland Station, Indianapolis, IN 46256, USA, <http://www.amercons.com/>

<http://www.emaildisclaimers.com/>

CC: "Balog, Sam" <SBalog@amercons.com>, "Fetahagic, Alen" <Afetahagic@amercons.com>

FINDINGS AND ORDER

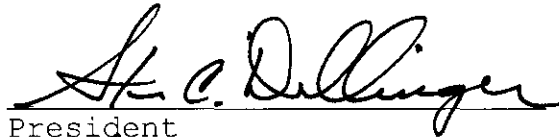
CONCERNING THE PARTIAL VACATION OF THE

T. J. Patterson Drain, Sta. 45+00 to Sta. 45+64

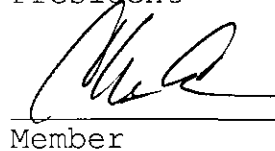
On this **24th day of July 2006**, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **T. J. Patterson Drain, Sta. 45+00 to Sta. 45+64**.

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 **T. J. Patterson Drain**.

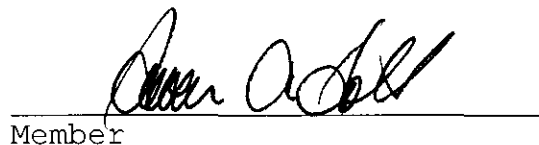
HAMILTON COUNTY DRAINAGE BOARD



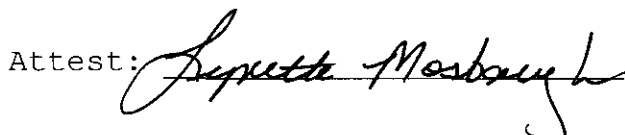
President



Member



Member

Attest: 

FINDINGS AND ORDER

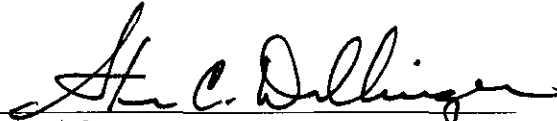
CONCERNING THE PARTIAL VACATION OF THE

Thomas Bennett Arm, Sta. 29+28 to Sta. 42+30

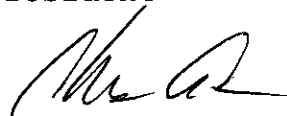
On this **24th day of July 2006**, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **Thomas Bennett Arm, Sta. 29+28 to Sta. 42+30**.

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 **Thomas Bennett Arm**.


HAMILTON COUNTY DRAINAGE BOARD




President



Member



Member

Attest: 

STATE OF INDIANA)
) ss:
COUNTY OF HAMILTON)

BEFORE THE HAMILTON COUNTY
DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN THE MATTER OF THE
RECONSTRUCTION OF THE
T. J. Patterson Drain, Thomas Bennett Arm, 136th Street Reconstruction

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the **T. J. Patterson Drain, Thomas Bennett Arm, 136th Street Reconstruction** came before the Hamilton County Drainage Board for hearing **on July 24, 2006**, 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 **T. J. Patterson Drain, Thomas Bennett Arm, 136th Street 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:

HAMILTON COUNTY DRAINAGE BOARD

PRESIDENT


Member


Member

ATTEST: 
Executive Secretary

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: TJ Patterson Legal Drain improvements

I hereby certify that:

1. I am a Registered Land Surveyor or Engineer in the State of Indiana.
2. I am familiar with the plans and specifications for the above referenced ^{project} ~~subdivision~~.
3. I have personally observed and supervised the completion of the drainage facilities for the above referenced ~~subdivision~~.
4. The drainage facilities within the above referenced ^{project} ~~subdivision~~ to the best of my knowledge, information and belief have been installed and completed in conformity with all plans and specifications.
5. The drainage facilities within the above referenced ^{project} ~~subdivision~~ to the best of my knowledge, information and belief have been correctly represented on the Record Drawings, Digital Record Drawings and the Structure Data Spreadsheet.

Signature: *Clinton L. Sparks* Date: 1/19/08

Type or Print Name: Clinton L. Sparks

Business Address: 7260 Shadeland Station

Indianapolis, IN 46256

Telephone Number: 317-547-5580

SEAL

INDIANA REGISTRATION NUMBER

16531





SURVEYOR'S OFFICE

Hamilton County

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

October 1, 2008

Re: Mud Creek – Sand Creek: 136th St. Relocation of the TJ Patterson Drain

Attached are as-builts, certificate of completion & compliance, and other information for 136th Street Relocation of the TJ Patterson. 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 June 9, 2006. The report was approved by the Board at the hearing held July 24, 2006. (See Drainage Board Minutes Book 9, Pages 350-352)

The changes are as follows:

Structure:	Length:	Size	Material:	Up Invert:	Dn Invert
162A-162	88	12	RCP	820.76	820.51
162-161	330	15	RCP	820.51	819.41
161-159	207	15	RCP	819.4	819.17
159-157	100	15	RCP	819.12	818.83
157-155	72	15	RCP	818.87	818.72
155-152	118	18	RCP	818.48	818.48
152-150	340	18	RCP	818.66	818.18
150-148	160	18	RCP	818.19	917.9
148-146	150	24	RCP	817.91	817.39
146-144	175	24	RCP	817.49	817.07
144-142	175	24	RCP	817.04	816.75
142-140	175	24	RCP	816.78	816.52
140-138	175	24	RCP	816.56	816.08
138-136	150	24	RCP	816.15	815.96
136-134	125	24	RCP	815.99	815.71
134-132	100	24	RCP	815.79	815.53
132-129	129	24	RCP	815.79	815.53
129-127	121	24	RCP	816.46	815.25
127-127A	20	24	RCP	815.27	815.4
160-159	7	12	RCP	827.86	827.18
158-157	7	12	RCP	827.42	827.01

154-156	3	12	RCP	827.07	827.02
156-155	8	12	RCP	827.42	827.01
153-152	6	12	RCP	827.46	826.89
151-150	6	12	RCP	827.6	826.37
149-148	8	12	RCP	826.92	825.85
147-146	6	12	RCP	826.08	825.81
145-144	7	12	RCP	825.58	824.93
143-142	7	12	RCP	827.08	823.78
141-140	6	12	RCP	821.96	821.59
139-138	5	12	RCP	820.46	818.99
137-136	6	12	RCP	819.09	817.67
135-134	6	12	RCP	818.29	817.7
131-132	5	12	RCP	817.61	817.08
131-130	3	12	RCP	816.89	816.9
130-129	5	12	RCP	816.97	816.46
127-127A	5	12	RCP	817.47	816.78

RCP Pipe Totals:

12	194
15	709
18	618
24	1495

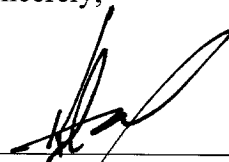
Total: 3016

The length of the drain due to the changes described above is now **3016 feet**. The Thomas Bennett portion of original tile was removed from Sta. 29+09 to 42+30. The TJ Patterson tile was removed from Sta. 45 to Sta. 45+64. Thus, 1304 feet of original tile was removed. Overall, 1712 feet of drain was added to the drain's length.

The non-enforcement was approved by the Board at its meeting on July 24, 2006 and recorded under instrument # 200600046803. Sureties for this project were waived as the project was funded by the City of Noblesville.

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

Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/slm

BOARD OF PUBLIC WORKS AND SAFETY

CITY OF NOBLESVILLE

CORPORATE CAMPUS-EAST GROUP II

BOARD OF PUBLIC WORKS AND SAFETY

APPROVED : _____ DATE _____

John Ditslear
JOHN DITSLER MAYOR

Lawrence J. Stork
LAWRENCE J. STORK MEMBER

Jack Martin
JACK MARTIN MEMBER

ATTEST :
Janet S. Jaros
JANET S. JAROS CLERK/TREASURER

NOBLESVILLE CITY ATTORNEY

MICHAEL A. HOWARD CITY ATTORNEY

NOBLESVILLE CITY ENGINEER

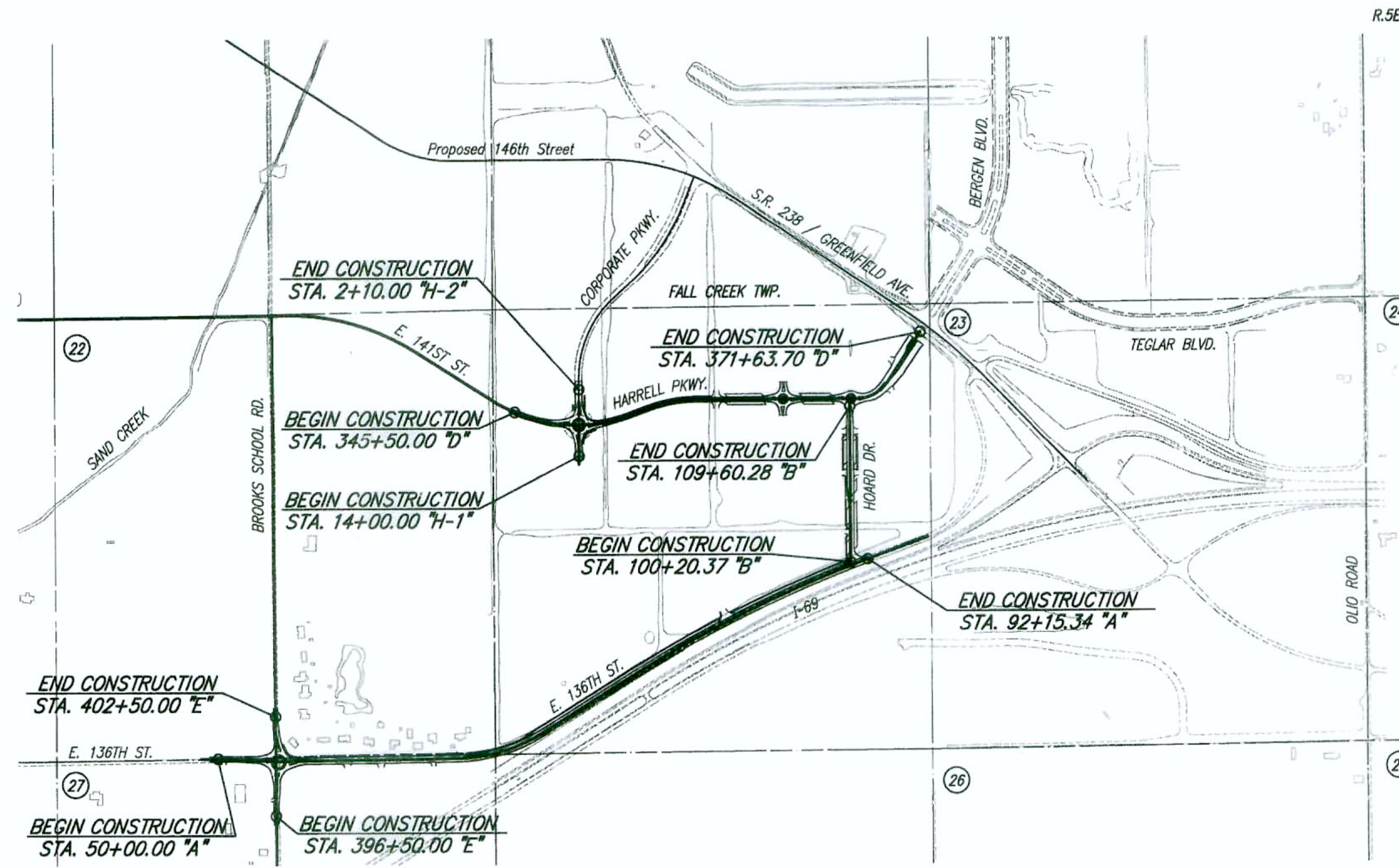
John Beery
JOHN BEERY CITY ENGINEER

NOTE:

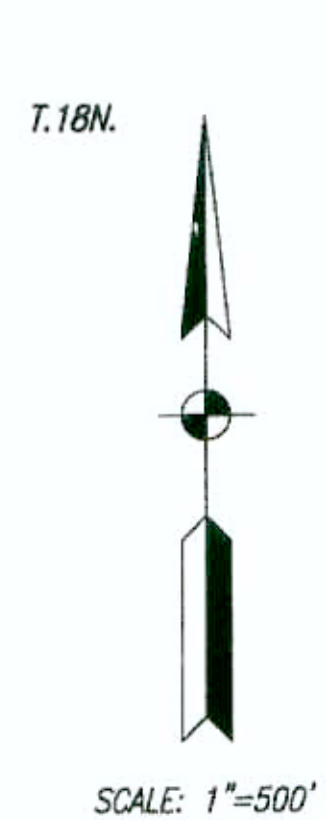
THE CITY OF NOBLESVILLE STANDARDS FOR PUBLIC INFRASTRUCTURE CONSTRUCTION SHALL BE INCORPORATED BY REFERENCE INTO THESE PLANS. IF CONFLICTING STANDARDS OCCUR; THE FOLLOW ORDER OF PRECEDENCE SHALL GOVERN:

1. PROJECT SPECIAL PROVISIONS
2. CITY OF NOBLESVILLE STANDARDS
3. INDIANA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS, DATED 2006
4. ANY OTHER APPLICABLE STANDARDS AND SPECIFICATIONS.

NO ALTERNATE SPECIFICATIONS OR MATERIALS OR NEW MATERIALS MAY BE USED WITHOUT EXPRESS WRITTEN APPROVAL FROM THE CITY OF NOBLESVILLE PRIOR TO THE COMPLETION OF WORK.



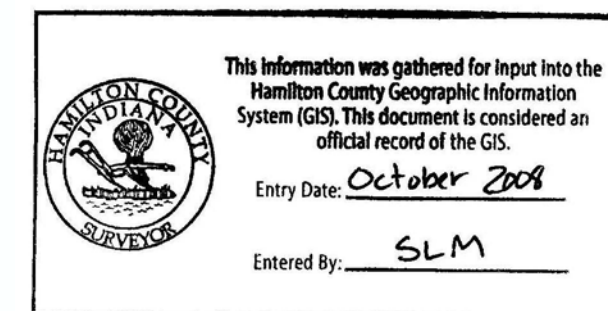
LOCATION MAP
HAMILTON COUNTY



RECORD DRAWINGS



Burdell 12-18-07



PREPARED BY:



AMERICAN CONSULTING, INC.
Architects
Consultants
Engineers
7260 SHADELAND STATION
INDIANAPOLIS, IN 46256-3937
(317) 547-5580 FAX: (317) 543-0270

PLANS PREPARED BY: American Consulting, Inc. (317) 547-5580
PHONE NUMBER
CERTIFIED BY: *Clara Lopez* 2/22/09 DATE

	BRIDGE FILE
	DESIGNATION NO.
	SHEETS
1	of 128
CONTRACT	PROJECT NO.

SEC. 22 T. 18N. R. 5E.
FALL CREEK TWP.
HAMILTON CO.

CURVE DATA
P.I. STA. 50+50.02 "A"
 $\Delta = 3^{\circ}27'36"$ RT.
R = 1000.00'
T = 30.20'
L = 60.39'
E = 0.46'
S_e = N.C.

Marilyn Bubenzer

P.I. STA. 50+50.02 "A"

P.C. STA. 50+19.81 "A"

P.T. STA. 50+80.20 "A"

P.I. STA. 400+00.00 "E"
 $\Delta = 00^{\circ}02'31"$ RT. (No Curve Run)

P.O.C. STA. 53+50.45 "A"
=P.O.T. STA. 399+81.53 "E"

P.C. STA. 53+18.40 "A"

BEGIN PAVING EXCEPTION
STA. 53+01.21 "A"

BEGIN INCIDENTAL CONSTRUCTION
P.O.T. STA. 49+50.00 "A" (Match Existing)

BEGIN LINE "A"
P.O.T. STA. 49+00.00 "A"

BEGIN CONSTRUCTION
P.O.T. STA. 50+00.00 "A"

This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
Entry Date: October 2004
Entered By: SLM

Wayne Olson

CURVE DATA
P.I. STA. 53+50.88 "A"
 $\Delta = 3^{\circ}43'13"$ LT.
R = 1000.00'
T = 32.48'
L = 64.93'
E = 0.53'
S_e = N.C.

55+00

Darrell M. Hammer & Patricia S. Hammer

Peter Watson & Jeff Thies

Ronal S. Muir & Sharon H. Muir

Curtis L. Hamm

STR. NO. 114
Inlet Type B & 4.5" of 12" Pipe
Class I Drive Req'd. Lt.
Sta. 55+23 "A" (W=18.5')

STR. NO. 112
Inlet Type B & 3.5" of 12" Pipe
Sta. 54+66.61 "A", 26.10' LL

Class I Drive Req'd. Lt.
Sta. 56+06 "A" (W=16.2')

Class I Drive Req'd. Lt.
Sta. 57+81 "A" (W=16.9')

Class I Drive Req'd. Lt.
Sta. 59+25 "A" (W=18.3')

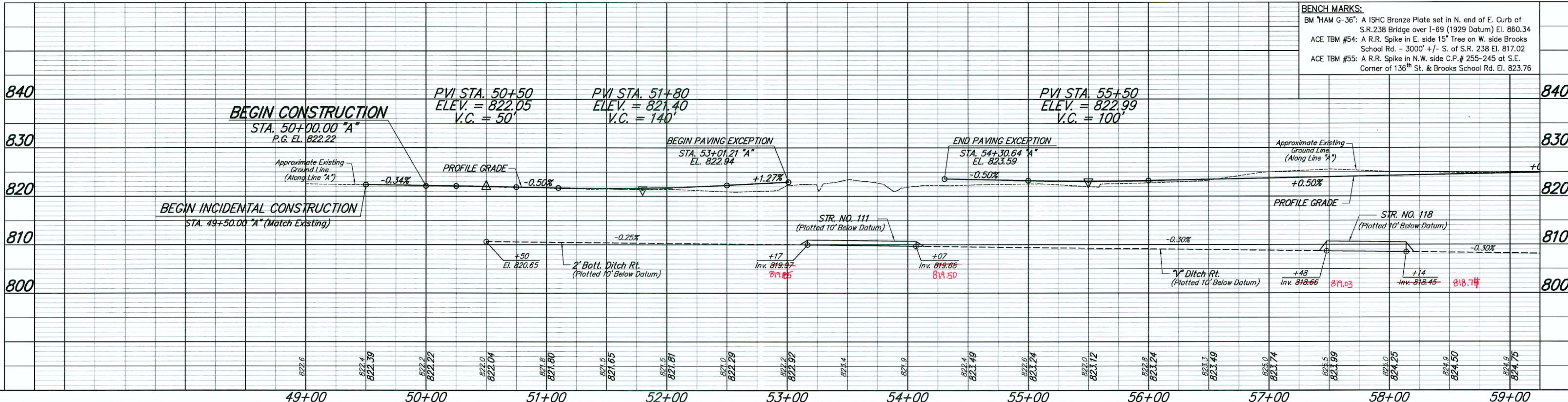
STR. NO. 116
Inlet Type B & 3.5" of 12" Pipe

STR. NO. 117
Catch Basin Type B & 1.5" of 12" Pipe
W/ 1 End Section

SEC. 27 T. 18N. R. 5E.
FALL CREEK TWP.
HAMILTON CO.

NOTES:
For Roundabout Layout, See Sheet No. 31.

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



BENCH MARKS:
BM "HAM G-36": A ISHC Bronze Plate set in N. end of E. Curb of S.R. 238 Bridge over I-69 (1929 Datum) El. 860.34
ACE TBM #54: A R.R. Spike in E. side 15' Tree on W. side Brooks School Rd. - 3000' +/- S. of S.R. 238 El. 817.02
ACE TBM #55: A R.R. Spike in N.W. side C.P. # 255-245 at S.E. Corner of 136th St. & Brooks School Rd. El. 823.76

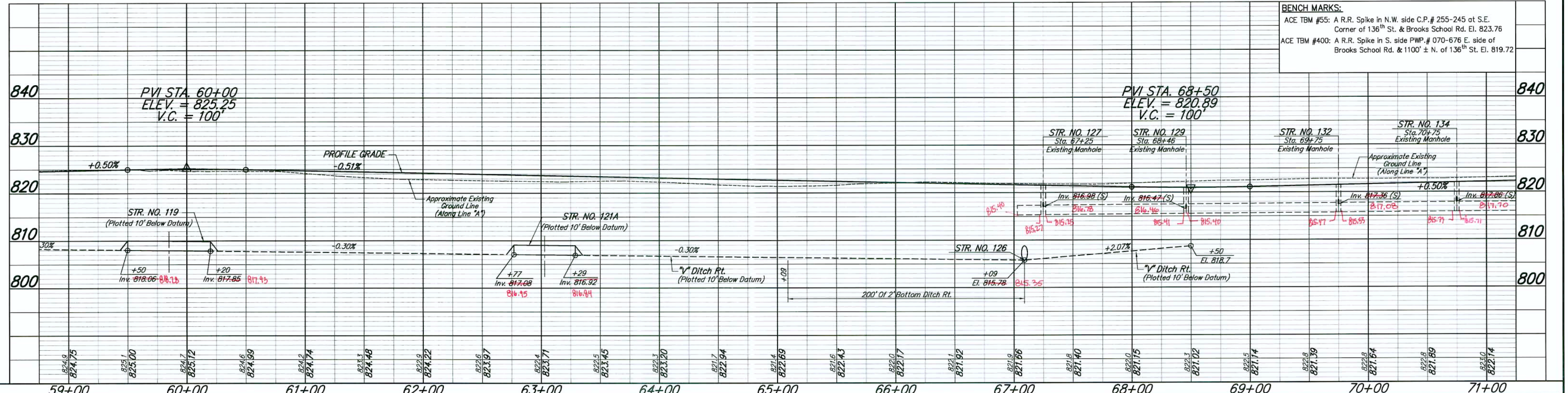
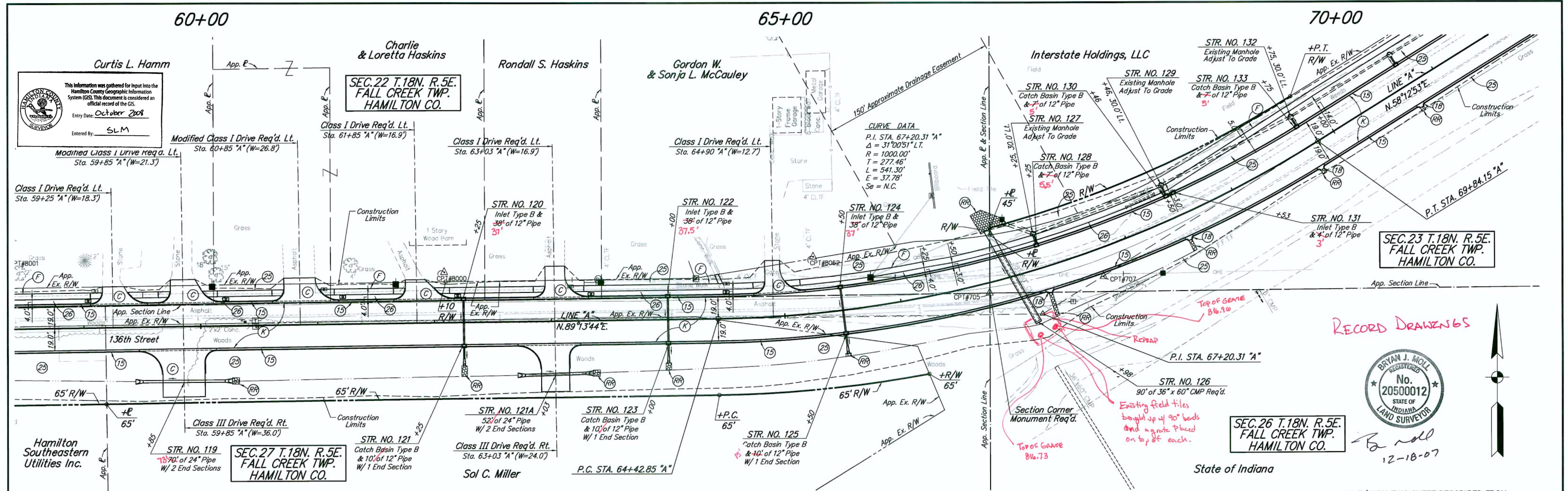
<p>LEGEND</p> <ul style="list-style-type: none"> (13) Concrete Curb (15) Concrete Curb & Gutter (16) Inverted Concrete Roll Curb (17) Concrete Gutter (18) Combined Concrete Curb & Gutter Turnout (25) Seeding (26) Sodding (C) 6" PCCP For Driveways, On 6" Compacted Aggregate (D) HMA For Approaches (F) Concrete Sidewalk (H) See Sheet No. 35 For Hardscape Details (J) HMA For Shoulder (K) Full Depth HMA Pavement (K1) Full Depth HMA For Parking (RR) 18" Revetment Riprap Over Geotextiles (For Quantities, See Sheet No. 49) (R) 16.5#/Svd HMA Surface, On Variable Depth HMA Intermediate, Type A, Wedge & Level, On Existing Pavement (CR) Concrete Curb Ramp (Type As Indicated) 	<p>RECOMMENDED FOR APPROVAL: <i>Clifton L. Spawr</i> 02/22/07 DESIGN ENGINEER DATE</p> <p>DESIGNED: JMK DRAWN: RJC CHECKED: JSB CHECKED: JSB</p>	<p>CITY OF NOBLESVILLE</p> <p>PLAN & PROFILE LINE "A"</p>	<p>HORIZONTAL SCALE: 1" = 40' VERTICAL SCALE: 1" = 10'</p> <p>SURVEY BOOK: 21 of 128 CONTRACT: PROJECT NO.</p>
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RECORD DRAWINGS

BRYAN J. MOLL
REGISTERED
No. 20500012
STATE OF INDIANA
LAND SURVEYOR

12-18-07

PLOT SCALE: 1" = 40.00'
 PLOT DATE: 02/22/07 11:18:04
 EDITED BY: BJC - 9408 DWG FILE: P:\IND2005\02050012.DWG
 DRAWN BY: VANDERKAM\02050012.DWG



LEGEND

(13) Concrete Curb	(17) Concrete Gutter	(C) 6" PCOP For Driveways, On 6" Compacted Aggregate	(J) HMA For Shoulder	(RR) 18" Revetment Riprap Over Geotextiles (For Quantities, See Sheet No. 49)
(15) Concrete Curb & Gutter	(18) Combined Concrete Curb & Gutter Turnout	(D) HMA For Approaches	(K) Full Depth HMA Pavement	
(16) Inverted Concrete Roll Curb	(25) Seeding	(F) Concrete Sidewalk	(K1) Full Depth HMA For Parking	(CR) Concrete Curb Ramp (Type As Indicated)
	(26) Sodding			

RECOMMENDED FOR APPROVAL
Clara Lopez 02/22/07
 DESIGN ENGINEER DATE

DESIGNED: JMK DRAWN: RJC
 CHECKED: JSB CHECKED: JSB

CITY OF NOBLESVILLE
PLAN & PROFILE LINE "A"

HORIZONTAL SCALE 1" = 40'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION NO.
SURVEY BOOK	SHEETS
CONTRACT	22 of 128
	PROJECT NO.

PLOT SCALE: 1"=40.00' DATE: 02/22/07 11:16:26 EDITED BY: JLC - 5008 DWG FILE: P:\INDOCS\05050.D - 05008.DWG (ROAD\INDOCS0505.D) PLOT DATE: 02/22/07 11:16:26

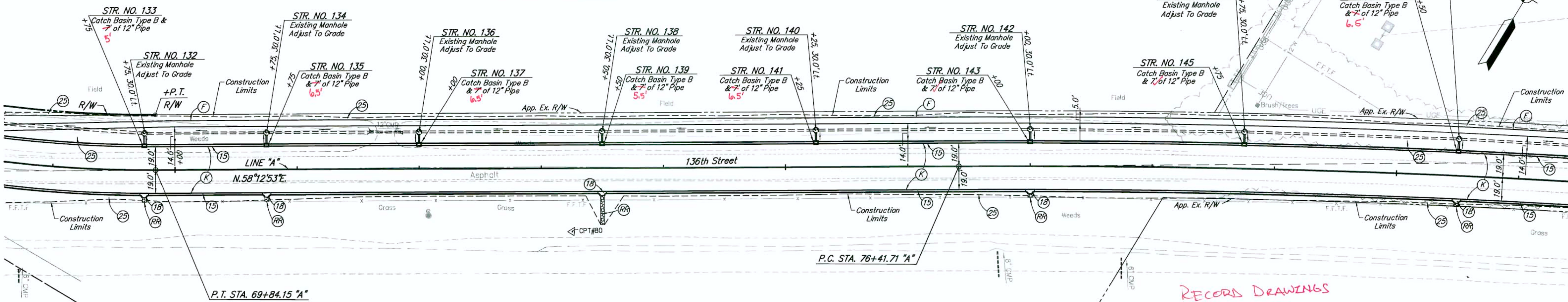
70+00

75+00

80+00

Interstate Holdings, LLC

SEC. 23 T. 18N. R. 5E. FALL CREEK TWP. HAMILTON CO.



SEC. 26 T. 18N. R. 5E. FALL CREEK TWP. HAMILTON CO.

This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
 Entry Date: October 2008
 Entered by: SLM

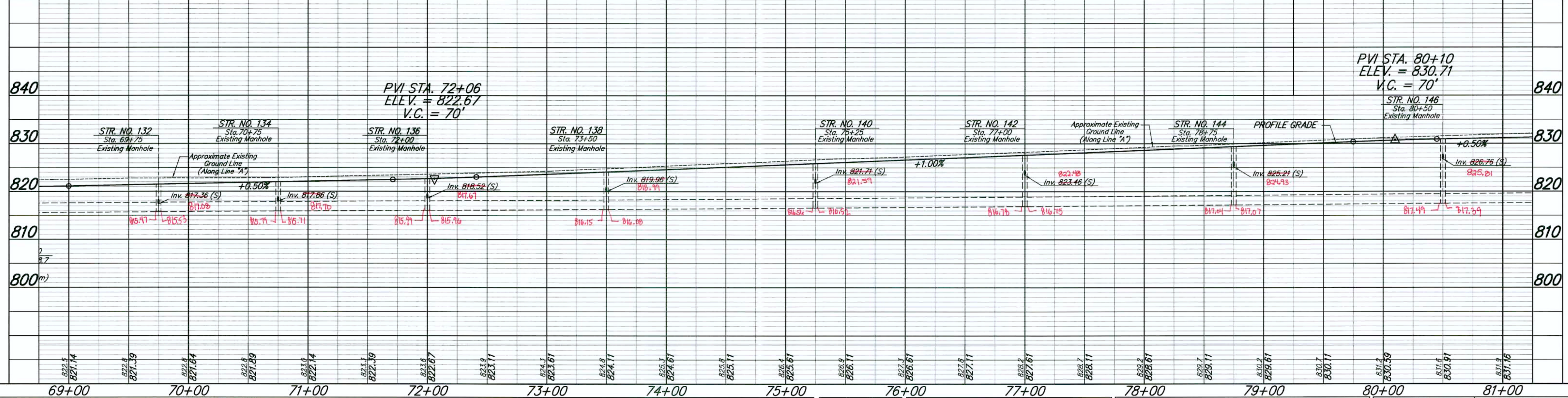
State of Indiana

RECORDS DRAWINGS



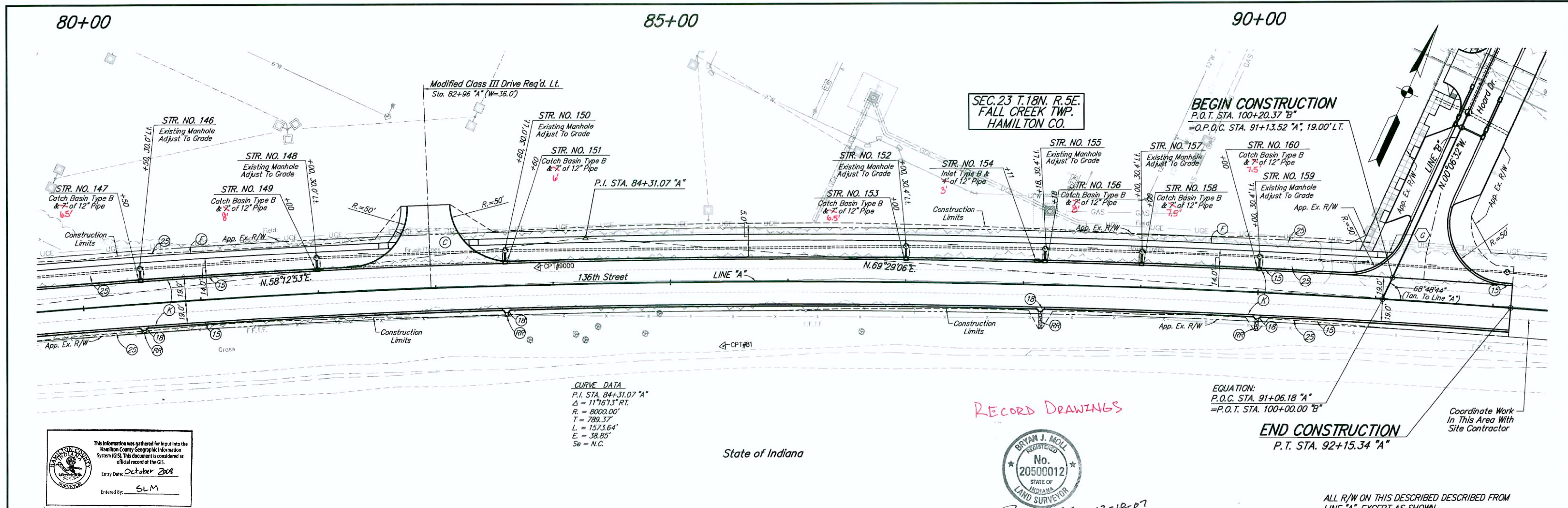
B. Moll 12-18-07

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



<p>LEGEND</p> <ul style="list-style-type: none"> (13) Concrete Curb (15) Concrete Curb & Gutter (16) Inverted Concrete Roll Curb (17) Concrete Gutter (18) Combined Concrete Curb & Gutter Turnout (25) Seeding (26) Sodding (C) 6" PCCP For Driveways, On 6" Compacted Aggregate (D) HMA For Approaches (F) Concrete Sidewalk (J) HMA For Shoulder (K) Full Depth HMA Pavement (K1) Full Depth HMA For Parking (RR) 18" Retention Riprap Over Geotextiles (For Quantities, See Sheet No. 49) (CR) Concrete Curb Ramp (Type As Indicated) 		<p>RECOMMENDED FOR APPROVAL: <i>Clinton L. Sparks</i> 02/22/07 DESIGN ENGINEER DATE</p> <p>DESIGNED: JMK DRAWN: RJC CHECKED: JSB CHECKED: JSB</p>	<p>CITY OF NOBLESVILLE</p> <p>PLAN & PROFILE LINE 'A'</p>	<p>HORIZONTAL SCALE: 1" = 40' VERTICAL SCALE: 1" = 10'</p> <p>SURVEY BOOK: _____ SHEETS: 23 of 128 CONTRACT: _____ PROJECT NO.: _____</p>
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PLOT SCALE: 1"=40.00' DATE: 02/23/07 11:18:46 EDITED BY: JAC - 5408 DWG FILE: P:\WORK\0208\0208.DWG DRAWN BY: VJ0208\0208.DWG



CURVE DATA
 P.I. STA. 84+31.07 "A"
 $\Delta = 111^{\circ}16'13"$ RT.
 $R = 8000.00'$
 $T = 789.37'$
 $L = 1573.64'$
 $E = 38.85'$
 $Se = N.C.$

SEC. 23 T. 18N. R. 5E.
 FALL CREEK TWP.
 HAMILTON CO.

BEGIN CONSTRUCTION
 P.O.T. STA. 100+20.37 "B"
 = O.P.O.C. STA. 91+13.52 "A"; 19.00' LT.

EQUATION:
 P.O.C. STA. 91+06.18 "A"
 = P.O.T. STA. 100+00.00 "B"

END CONSTRUCTION
 P.T. STA. 92+15.34 "A"

Coordinate Work
 In This Area With
 Site Contractor

RECORD DRAWINGS

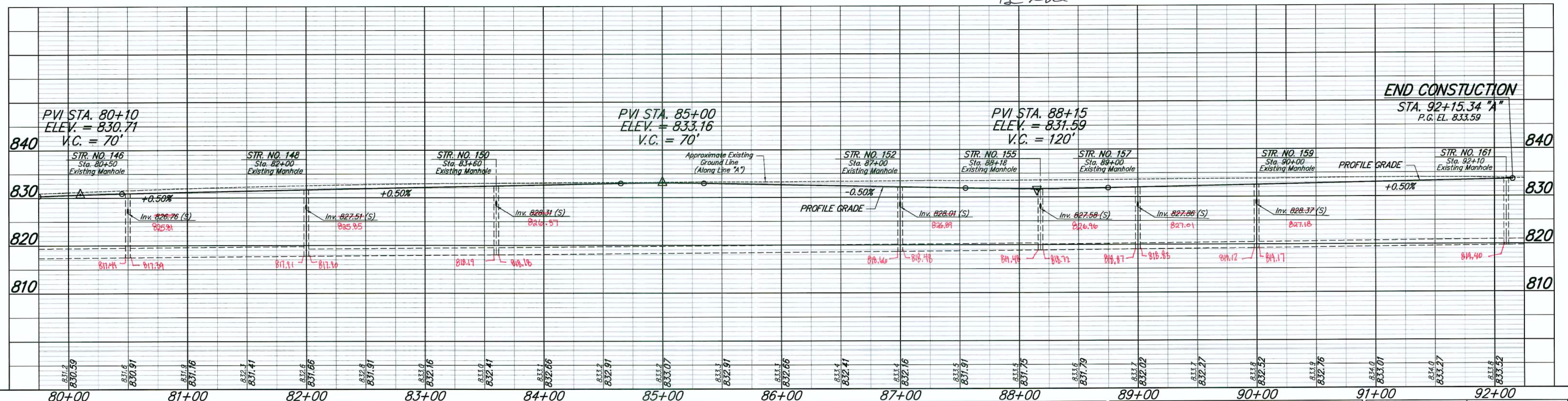


Roll 12-18-07

State of Indiana

This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
 Entry Date: October 2008
 Entered By: SLM

ALL R/W ON THIS DESCRIBED DESCRIBED FROM
 LINE "A", EXCEPT AS SHOWN.



<p>LEGEND</p> <p>(13) Concrete Curb (17) Concrete Gutter (C) 6" PCCP For Driveways, On 6" Compacted Aggregate (J) HMA For Shoulder (RR) 18" Revetment Riprap Over Geotextiles (For Quantities, See Sheet No. 49)</p> <p>(15) Concrete Curb & Gutter (25) Seeding (D) HMA For Approaches (K) Full Depth HMA Pavement (K1) Full Depth HMA For Parking</p> <p>(16) Inverted Concrete Roll Curb (26) Sodding (F) Concrete Sidewalk (K1) Full Depth HMA For Parking (CR) Concrete Curb Ramp (Type As Indicated)</p>		<p>RECOMMENDED FOR APPROVAL: <i>Clifton Sparks</i> 02/22/07 DESIGN ENGINEER DATE</p> <p>DESIGNED: JMK DRAWN: RJC</p> <p>CHECKED: JSB CHECKED: JSB</p>	<p>CITY OF NOBLESVILLE</p> <p>PLAN & PROFILE LINE "A"</p>	<p>HORIZONTAL SCALE: 1" = 40'</p> <p>VERTICAL SCALE: 1" = 10'</p> <p>SURVEY BOOK: _____ SHEETS: 24 of 128</p> <p>CONTRACT: _____ PROJECT NO. _____</p>
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PLOT SCALE: 1"=40.00' EDIT DATE: 02/23/07 11:18:28 EDITED BY: RJC - 5498 DWG FILE: P:\PROJECTS\020801\Drawings\020801\020801.dwg PLOT DATE: 02/23/07 11:18:28

90+00

95+00

SEC. 23 T. 18N. R. 5E.
FALL CREEK TWP.
HAMILTON CO.

BEGIN CONSTRUCTION
P.O.T. STA. 101+60.00 "B"

STR. NO. 159
Manhole Type C &
97' of 15" Pipe
+50 "B"
30'
R/W
+75
R/W

Marvin & Jean Sylvester

+95 "B"
39'
R/W
+95
R/W

STR. NO. 161
Manhole Type C &
207' of 15" Pipe

William O. Irvine (90%)
Adaline M. Cornett &
Eugene P. Cornett sole
trustee (10%)

STR. NO. 162
Manhole Type C &
330' of 15" Pipe

Note:
Contractor to field verify invert
elevation of existing 10" VCP
Str. 162A
Manhole Type C &
66' of 15" Pipe

Intercept Existing
10 in. VCP

Remove existing 12" VCP to R/W
Plug pipe to be abandoned

T/R = 828.76
Inv. (W) = 821.11
Inv. (SE) = 821.26
Inv. (NE) = 821.21

EQUATION:
P.O.C. STA. 91+06.18 "A"
= P.O.T. STA. 100+00.00 "B"

END CONSTRUCTION
P.O.T. STA. 95+42.70 "A"

P.T. STA. 92+15.34 "A"

State of Indiana

This information was gathered for input into the
Hamilton County Geographic Information
System (GIS). This document is considered an
official record of the GIS.
Entry Date: October 2008
Entered By: SLM

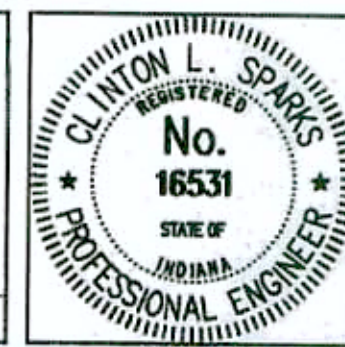
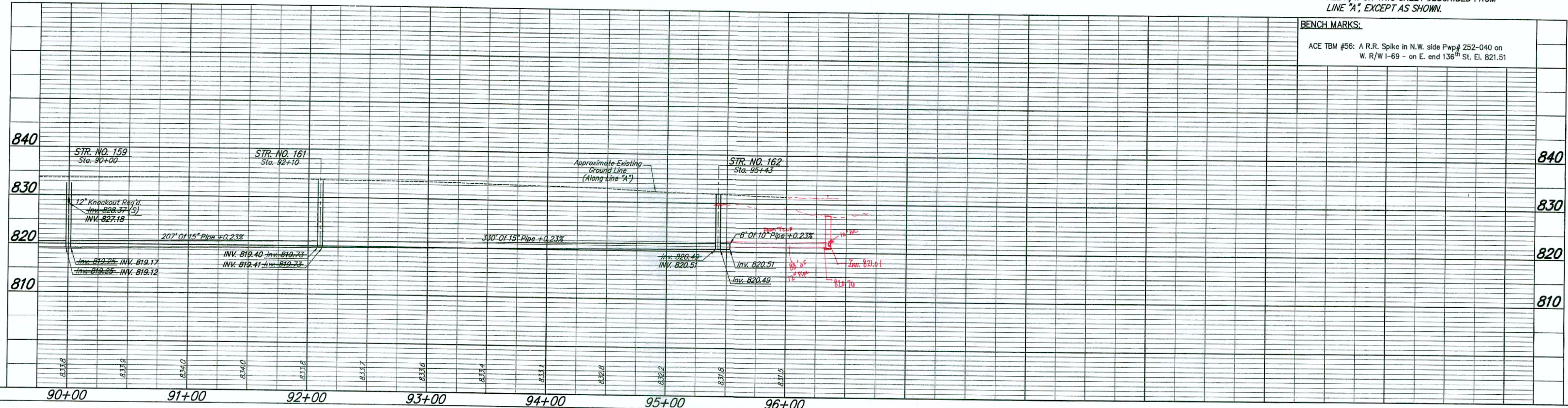
RECORD DRAWINGS



B. Moll

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

BENCH MARKS:
ACE TBM #56: A R.R. Spike in N.W. side Pwp# 252-040 on
W. R/W I-69 - on E. end 136th St. El. 821.51



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JMK	DRAWN: RJC	
CHECKED: CLS	CHECKED: CLS	

CITY OF NOBLESVILLE
PLAN & PROFILE
LINE "A"

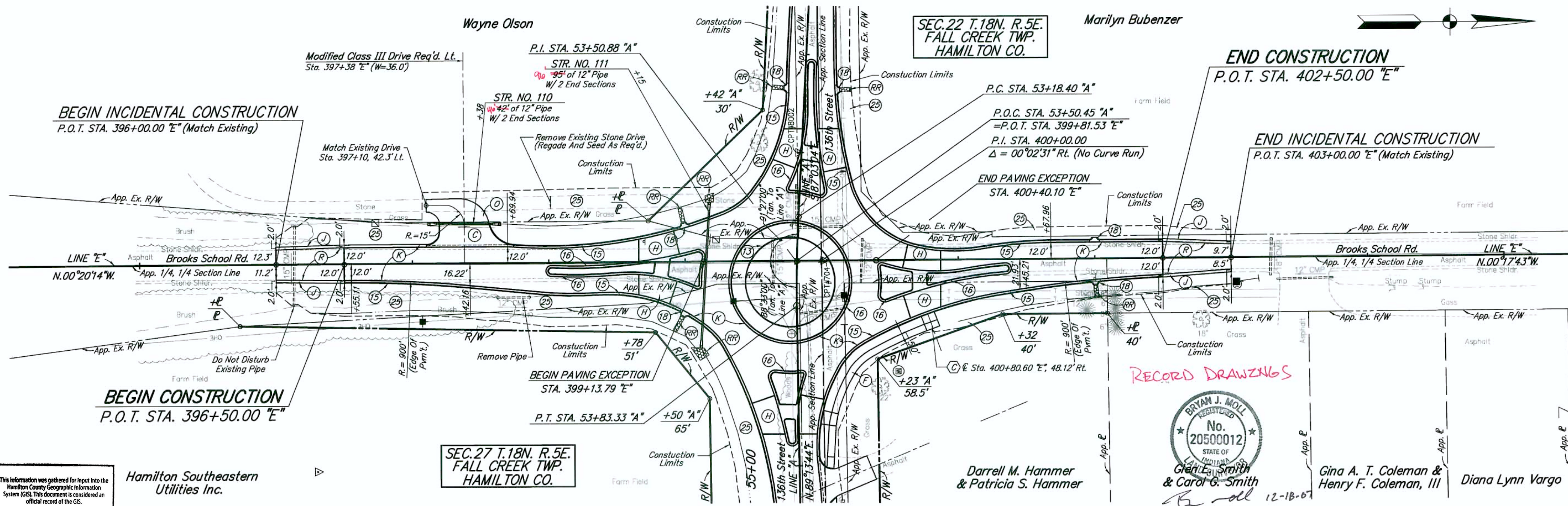
HORIZONTAL SCALE 1" = 40'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION NO.
SURVEY BOOK	SHEETS
CONTRACT	PROJECT NO.

Plot Scale: 1"=40'00" EDIT DATE: 09/26/07 14:48:05 EDITED BY: jh - 2392 DWG FILE: P:\V\2008\0805\0 - Drawings\A-Build Survey\20080505_SVP_P\A_02.DWG

395+00

400+00

405+00



This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
 Entry Date: October 2008
 Entered By: SLM

Hamilton Southeastern Utilities Inc.

SEC. 27 T. 18N. R. 5E. FALL CREEK TWP. HAMILTON CO.



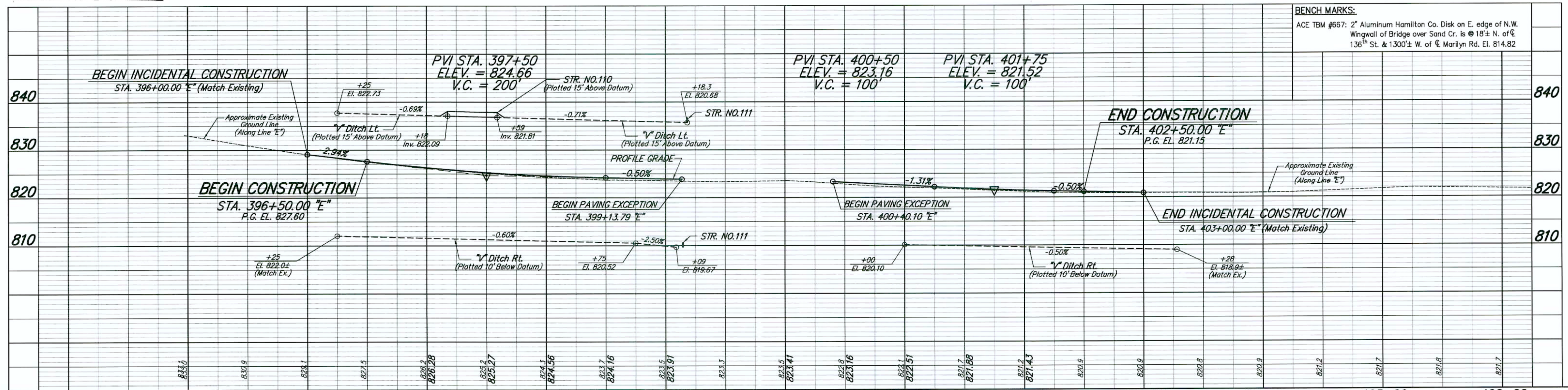
Darrell M. Hammer & Patricia S. Hammer

Gina A. T. Coleman & Henry F. Coleman, III

Diana Lynn Vargo

NOTES:
 For Roundabout Layout, See Sheet No. 31.
 All Radii Are Along Front Face Of Curb, Except As Noted.

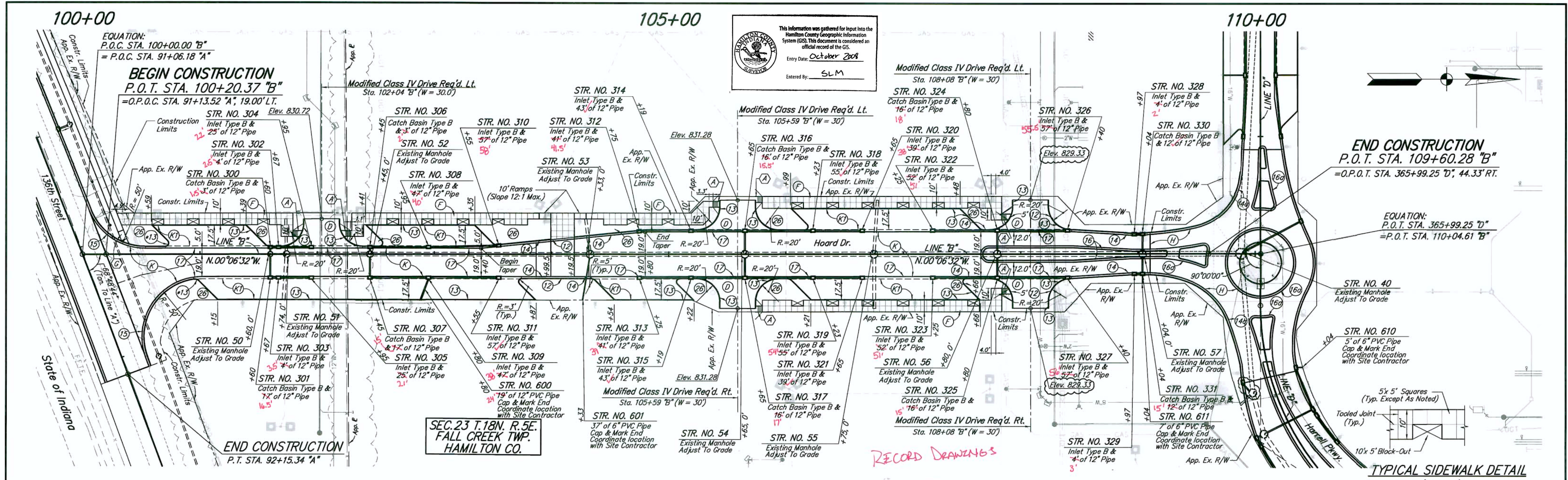
ALL R/W ON THIS SHEET DESCRIBED FROM LINE "E", EXCEPT AS SHOWN.



BENCH MARKS:
 ACE TBM #667: 2" Aluminum Hamilton Co. Disk on E. edge of N.W. Wingwall of Bridge over Sand Cr. is @ 18'± N. of C/L 136th St. & 1300'± W. of C/L Marilyn Rd. El. 814.82

<p>LEGEND</p> <ul style="list-style-type: none"> 13 Concrete Curb 15 Concrete Curb & Gutter 16 Inverted Concrete Roll Curb 17 Concrete Gutter 18 Combined Concrete Curb & Gutter Turnout 25 Seeding 26 Sodding C 6" PCCP For Driveways, On 6" Compacted Aggregate D HMA For Approaches F Concrete Sidewalk H See Sheet No. 35 For Hardscape Details J HMA For Shoulder K Full Depth HMA Pavement K1 Full Depth HMA For Parking O Compacted Aggregate Base RR 18" Revetment Riprap Over Geotextiles (For Quantities, See Sheet No. 49) R 155#/Syd HMA Surface, Type A, On Variable Depth HMA Intermediate, Type A, Wedge & Level, On Existing Pavement Concrete Curb Ramp (Type As Indicated) 	<p>RECOMMENDED FOR APPROVAL</p> <p><i>Clifton Sparks</i> 02/22/07 DESIGN ENGINEER DATE</p> <p>DESIGNED: JMK DRAWN: RJC CHECKED: JSB CHECKED: JSB</p>	<p>CITY OF NOBLESVILLE</p> <p>PLAN & PROFILE LINE "E"</p>	<p>HORIZONTAL SCALE 1" = 40'</p> <p>VERTICAL SCALE 1" = 10'</p> <p>SURVEY BOOK SHEETS 25 of 128</p> <p>CONTRACT PROJECT NO.</p>
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PLOT SCALE: 1"=40.00
 EDIT DATE: 02/23/07 11:16:29
 EDITED BY: R.A.C. - 5408 DWG FILE: P:\Vistas\GSR\A\J\Drawing\ROAD\120205008.RD.DWG.L1



This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
Entry Date: October 2008
Entered By: SLM

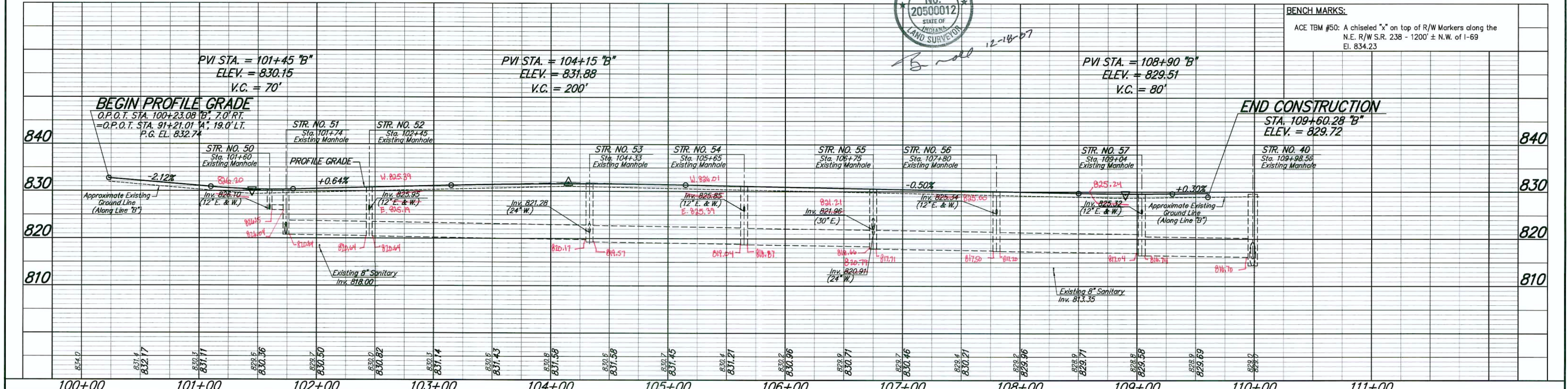
END CONSTRUCTION
P.O.T. STA. 109+60.28 "B"
= O.P.O.T. STA. 365+99.25 "D", 44.33' RT.

EQUATION:
P.O.T. STA. 365+99.25 "D"
= P.O.T. STA. 110+04.61 "B"

TYPICAL SIDEWALK DETAIL
(NO SCALE)

NOTES:
For Roundabout Layout, See Sheet No. 34.

ALL R/W ON THIS SHEET DESCRIBED FROM LINE "B", EXCEPT AS SHOWN.



LEGEND		LEGEND		LEGEND	
(12) Depressed Curb	(15) Concrete Curb & Gutter	(18) Combined Concrete Curb & Gutter Turnout	(C) 6" PCCP For Driveways, On 6" Compacted Aggregate	(H) See Sheet No. 36 for Hardscape Details	(K) Full Depth HMA For Parking
(13) Concrete Curb	(16) Inverted Concrete Roll Curb	(25) Seeding	(D) HMA For Approaches	(J) HMA For Shoulder	(K1) Full Depth HMA For Parking
(14) 6" Concrete Curb & Gutter	(16a) Modified Inverted Concrete Roll Curb	(26) Sodding	(F) Concrete Sidewalk	(*) Indicates Taper Curb Height From 8" to 6" in 1'-6"	(-)
(14a) Modified 6" Concrete Curb & Gutter	(17) Concrete Gutter			(-) Concrete Curb Ramp (Type As Indicated)	

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER: *Clifton L. Sparks* 02/22/07
DATE

DESIGNED: JMK DRAWN: RJC
CHECKED: JSB CHECKED: JSB

PROFESSIONAL ENGINEER
No. 16531
STATE OF INDIANA

CITY OF NOBLESVILLE

PLAN & PROFILE LINE "B"

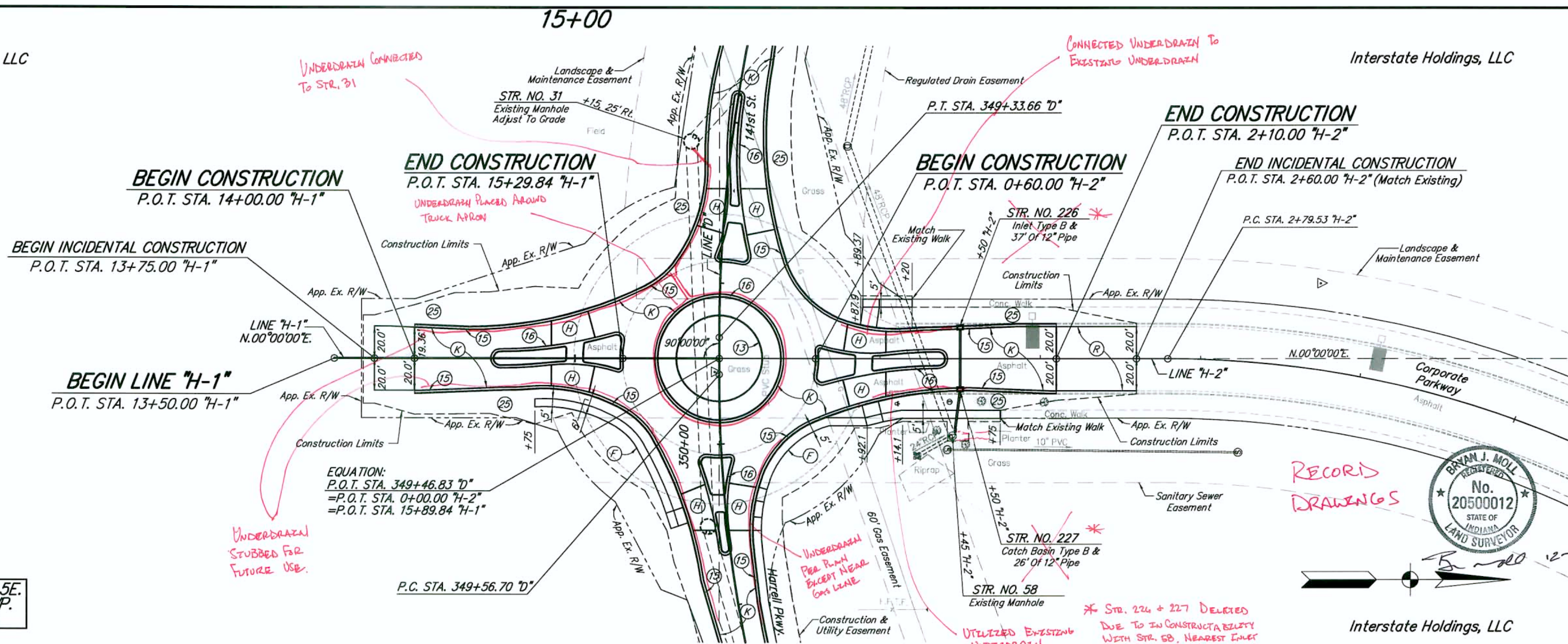
HORIZONTAL SCALE 1" = 40'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION NO.
SURVEY BOOK	SHEETS
CONTRACT	26 of 128
	PROJECT NO.

3 REVISED 3/29/07 - UPDATES FOR STORM STRUCTURES AND DRIVE ELEVATIONS

PLOT SCALE: 1"=40.00' DATE: 03/27/07 10:50:04 EDT BY: JAC - 3408 DWG FILE: P:\2007\03\27\10500012\10500012.dwg

Interstate Holdings, LLC

Interstate Holdings, LLC

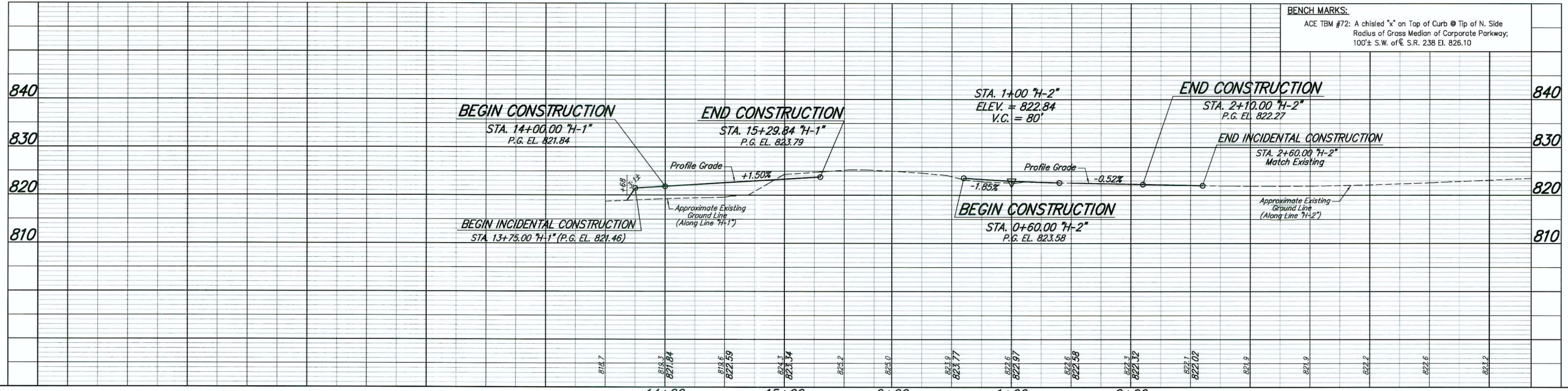


This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
 Entry Date: October 2008
 Entered By: SLM

SEC. 23 T. 18N. R. 5E.
 FALL CREEK TWP.
 HAMILTON CO.

NOTES:
 For Roundabout Layout, See Sheet No. 32.
 * STR. 224 + 227 DELETED DUE TO IN CONSTRUCTION BEING WITH STR. 58. NEAREST INLET NORTH CAN HANDLE ADDITIONAL WATER SINCE IT WAS ORIGINALLY DESIGNED TO HANDLE TRAFFIC (SEE FLOW).

ALL R/W ON THIS SHEET DESCRIBED FROM LINE 'D', EXCEPT AS SHOWN.



LEGEND

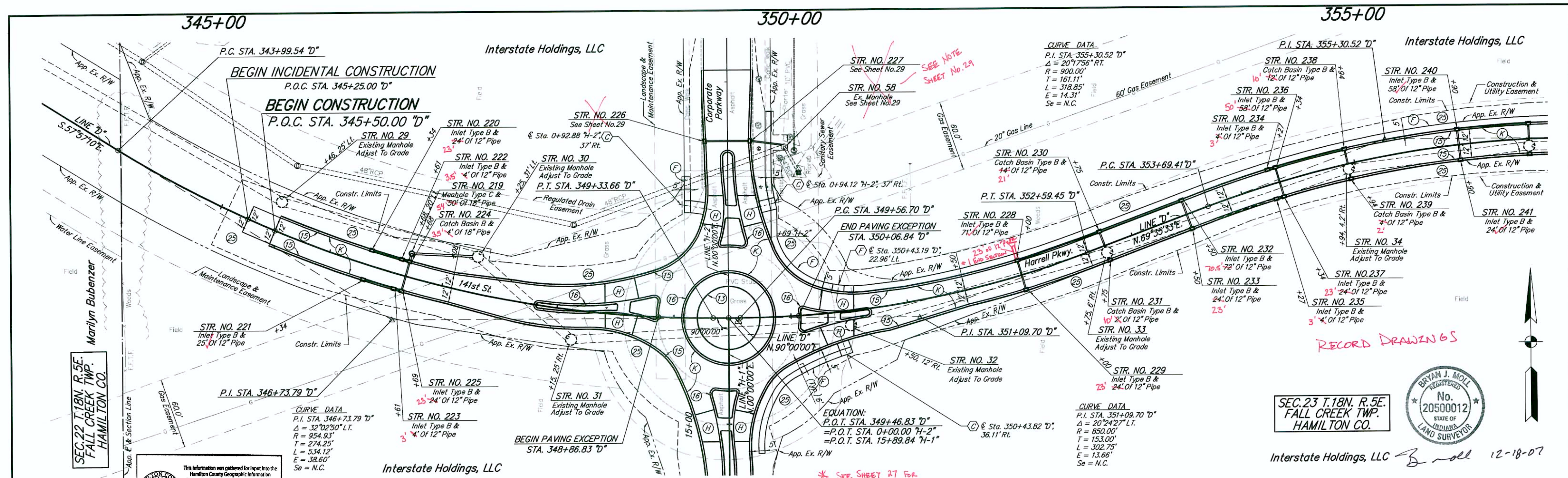
(13) Concrete Curb	(17) Concrete Gutter	(H) See Sheet No. 35 for Hardscape Details
(14) 6" Concrete Curb & Gutter	(18) Combined Concrete Curb & Gutter Turnout	(J) HMA For Shoulder
(15) Concrete Curb & Gutter	(25) Seeding	(K) Full Depth HMA Pavement
(16) Inverted Concrete Roll Curb	(26) Sodding	(K1) Full Depth HMA For Parking
(C) 6" PCOP For Driveways, On 6" Compacted Aggregate	(D) HMA For Approaches	(F) Concrete Sidewalk
(R) 165#/Syd HMA Surface, On Variable Depth HMA Intermediate, Type A, Wedge & Level, On Existing Pavement	(R) Concrete Curb Ramp (Type As Indicated)	

RECOMMENDED FOR APPROVAL: Clinton L. Spahr 02/22/07
 DESIGN ENGINEER DATE
 DESIGNED: JMK DRAWN: RJC
 CHECKED: JSB CHECKED: JSB

CITY OF NOBLESVILLE
PLAN & PROFILE
LINE "H-1" & "H-2"

HORIZONTAL SCALE 1" = 40'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION NO.
SURVEY BOOK	SHEETS
CONTRACT	27 of 128
	PROJECT NO.

PLOT SCALE: 1" = 40.00' EDIT DATE: 02/23/07 11:20:11 EDITED BY: B.C. - 5408 DWG FILE: P:\2005\08\05\Drawings\Road\IND050805.RD.PLA.GIF



SEC. 22 T. 18N. R. 5E.
FALL CREEK TWP.
HAMILTON CO.

This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
Entry Date: October 2004
Entered By: SLM

CURVE DATA
P.I. STA. 346+73.79 "D"
Δ = 32°02'50" LT.
R = 954.93'
T = 274.25'
L = 534.12'
E = 38.60'
Se = N.C.

BEGIN PAVING EXCEPTION
STA. 348+86.83 "D"

EQUATION:
P.O.T. STA. 349+46.83 "D"
= P.O.T. STA. 0+00.00 "H-2"
= P.O.T. STA. 15+89.84 "H-1"

CURVE DATA
P.I. STA. 351+09.70 "D"
Δ = 20°24'27" LT.
R = 850.00'
T = 153.00'
L = 302.75'
E = 13.66'
Se = N.C.

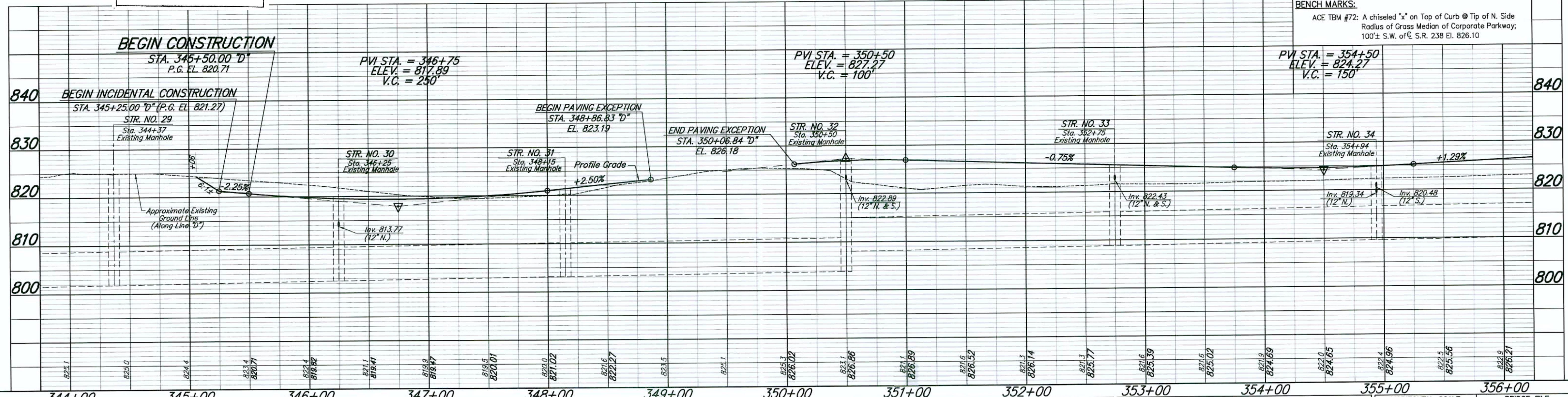
SEC. 23 T. 18N. R. 5E.
FALL CREEK TWP.
HAMILTON CO.



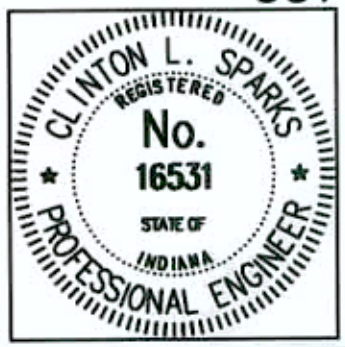
Interstate Holdings, LLC *B. Moll* 12-18-07

NOTES:
For Roundabout Layout, See Sheet No. 33.
All Radii Are Along Front Face Of Curb, Except As Noted.

ALL R/W ON THIS SHEET DESCRIBED FROM LINE "D", EXCEPT AS SHOWN.



13 Concrete Curb	17 Concrete Gutter	(H) See Sheet No. 35 for Hardscape Details
14 6" Concrete Curb & Gutter	18 Combined Concrete Curb & Gutter Turnout	(J) HMA For Shoulder
15 Concrete Curb & Gutter	25 Seeding	(K) Full Depth HMA Pavement
16 Inverted Concrete Roll Curb	26 Sodding	(K1) Full Depth HMA For Parking
(C) 6" PCCP For Driveways, On 6" Compacted Aggregate	(D) HMA For Approaches	(CR) Concrete Curb Ramp (Type As Indicated)
(F) Concrete Sidewalk		

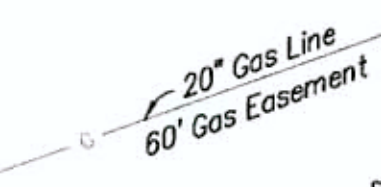


RECOMMENDED FOR APPROVAL: *Clinton L. Sparks* 02/22/07
DESIGN ENGINEER DATE
DESIGNED: JMK DRAWN: RJC
CHECKED: JSB CHECKED: JSB

CITY OF NOBLESVILLE
PLAN & PROFILE LINE "D"

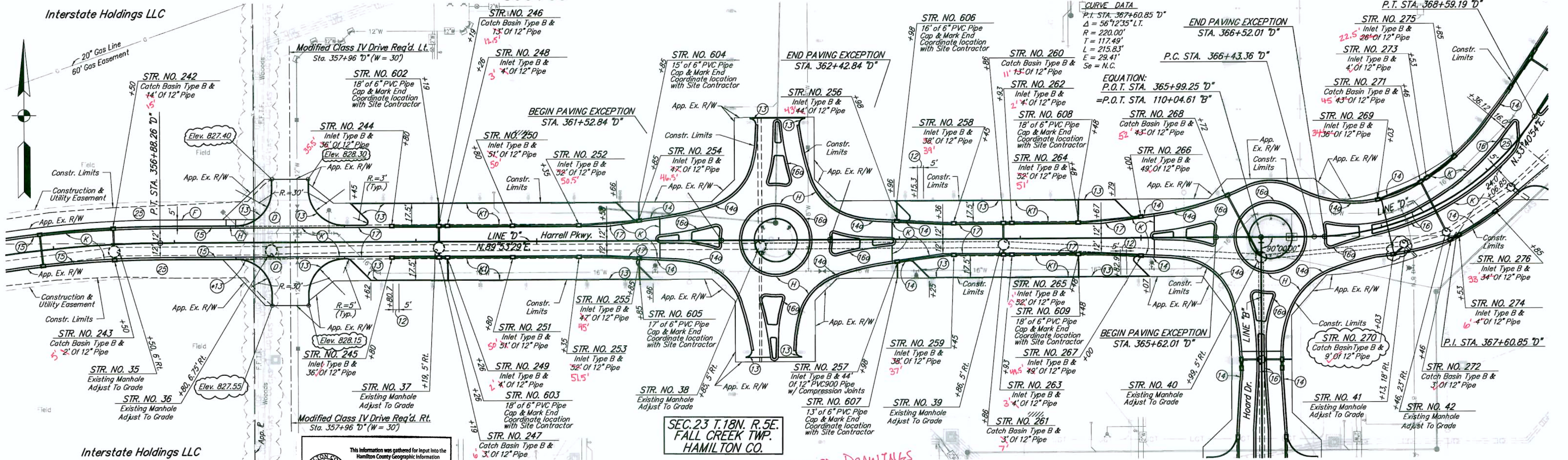
HORIZONTAL SCALE 1" = 40'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION NO.
SURVEY BOOK	SHEETS
CONTRACT	28 of 128
	PROJECT NO.

Interstate Holdings LLC



360+00

365+00



This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
Entry Date: October 2008
Entered By: SLM

SEC. 23 T. 18N. R. 5E. FALL CREEK TWP. HAMILTON CO.

RECORD DRAWINGS

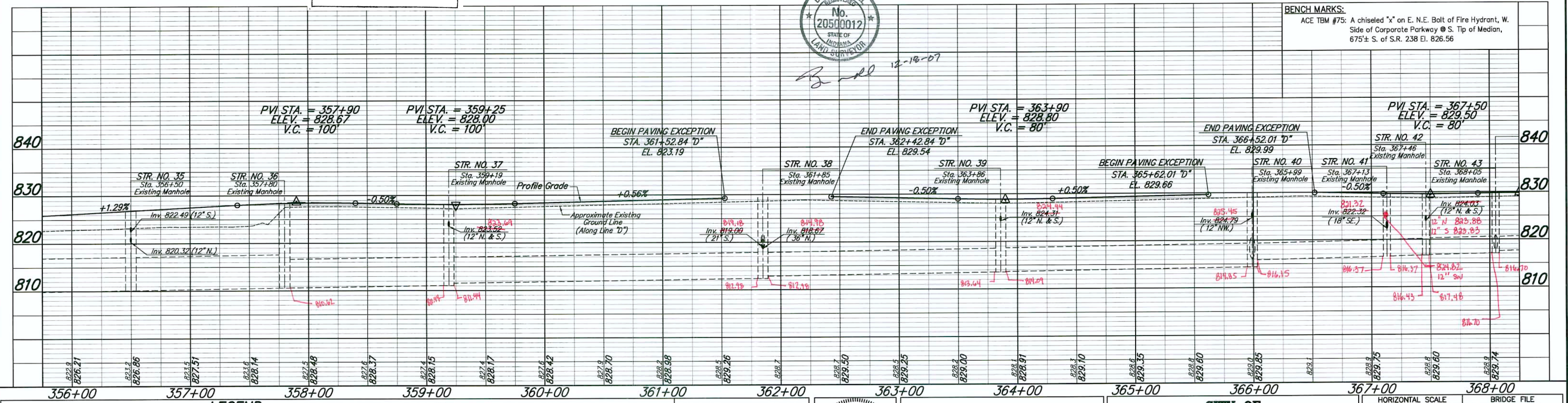
NOTES:
For Roundabout Layout, See Sheet No. 33 And No. 34.

ALL R/W ON THIS SHEET DESCRIBED FROM LINE 'D', EXCEPT AS SHOWN.

BENCH MARKS:
ACE TBM #75: A chiseled 'x' on E. N.E. Bolt of Fire Hydrant, W. Side of Corporate Parkway @ S. Tip of Median, 675± S. of S.R. 238 El. 826.56



12-18-07



LEGEND

(12) Depressed Curb	(15) Concrete Curb & Gutter	(18) Combined Concrete Curb & Gutter Turnout	(C) 6" PCCP For Driveways, On 6" Compacted Aggregate	(H) See Sheet No. 36 For Hardscape Details
(13) Concrete Curb	(16) Inverted Concrete Roll Curb	(25) Seeding	(D) HMA For Approaches	(J) HMA For Shoulder
(14) 6" Concrete Curb & Gutter	(17) Modified Inverted Concrete Roll Curb	(26) Sodding	(F) Concrete Sidewalk	(K) Full Depth HMA Pavement
(14a) Modified 6" Concrete Curb & Gutter	(17) Concrete Gutter		(K1) Full Depth HMA For Parking	(*) Indicates Taper Curb Height From 8" To 6" In 1'-6"

(H) See Sheet No. 36 For Hardscape Details	(J) HMA For Shoulder	(*) Indicates Taper Curb Height From 8" To 6" In 1'-6"
(K) Full Depth HMA Pavement	(K1) Full Depth HMA For Parking	(-) Concrete Curb Ramp (Type As Indicated)

RECOMMENDED FOR APPROVAL: *Chaitan L. Jha* 02/22/07
DESIGN ENGINEER DATE

DESIGNED: JMK DRAWN: RJC
CHECKED: JSB CHECKED: JSB

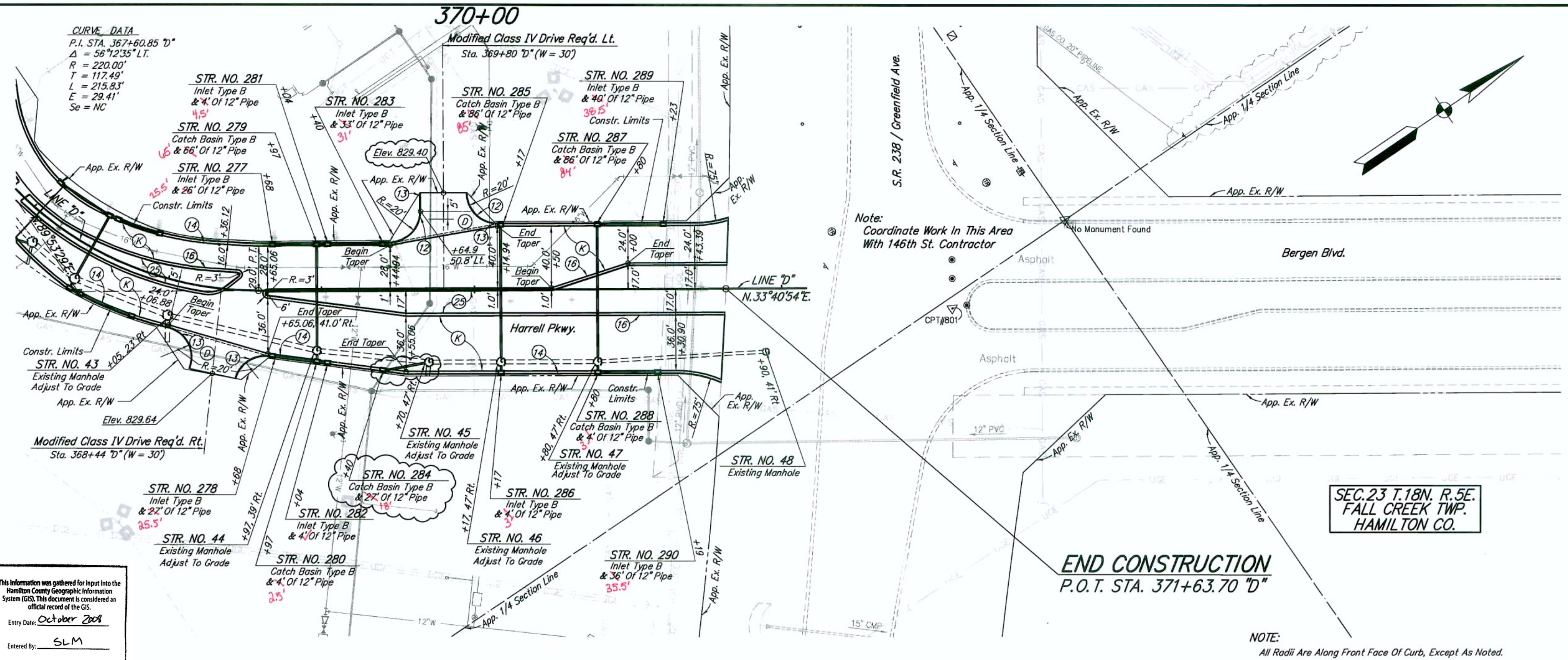
CITY OF NOBLESVILLE

PLAN & PROFILE LINE "D"

HORIZONTAL SCALE 1" = 40'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION NO.
SURVEY BOOK	SHEETS
CONTRACT	29 of 128
	PROJECT NO.

REVISED 3/29/07 - UPDATES FOR STORM STRUCTURES AND DRIVE ELEVATIONS

PLOT SCALE: 1:40,000 02/14/08 10:27:17 AM - 3408 user: f.l.s. / n:\projects\0208\02 - drawings\0208\0208.dwg - 02-29-07 14:02:08 02/14/08



CURVE DATA
 P.I. STA. 367+60.85 "D"
 $\Delta = 56^{\circ}12'35"$ L.T.
 $R = 220.00'$
 $T = 117.43'$
 $L = 215.83'$
 $E = 29.41'$
 $Se = NC$

Note:
 Coordinate Work In This Area
 With 146th St. Contractor

SEC. 23 T. 18N. R. 5E.
 FALL CREEK TWP.
 HAMILTON CO.

RECORD DRAWINGS



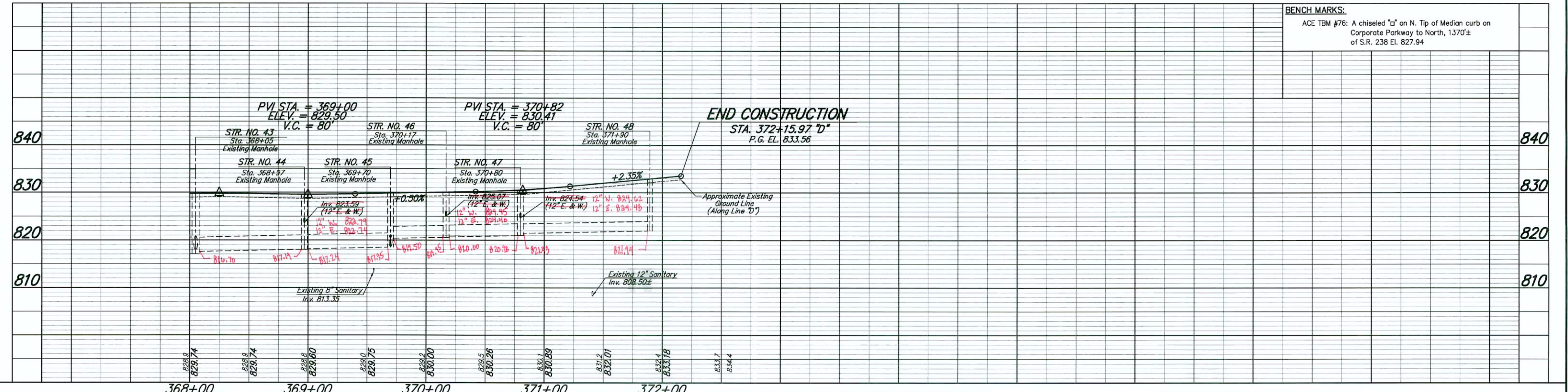
B. Moll 12-18-07

END CONSTRUCTION
 P.O.T. STA. 371+63.70 "D"

NOTE:
 All Radii Are Along Front Face Of Curb, Except As Noted.

This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
 Entry Date: October 2008
 Entered by: SLM

BENCH MARKS:
 ACE TBM #76: A chiseled "C" on N. Tip of Median curb on Corporate Parkway to North, 1370'± of S.R. 238 El. 827.94



LEGEND

(12) Depressed Curb	(16) Inverted Concrete Roll Curb	(26) Sodding	(F) Concrete Sidewalk
(13) Concrete Curb	(17) Concrete Gutter	(C) 6" PCP For Driveways, On 6" Compacted Aggregate	(J) HMA For Shoulder
(14) 6" Concrete Curb & Gutter	(18) Combined Concrete Curb & Gutter Turnout	(D) HMA For Approaches	(K) Full Depth HMA Pavement
(15) Concrete Curb & Gutter	(25) Seeding	(K1) Full Depth HMA For Parking	(R) Concrete Curb Ramp (Type As Indicated)

RECOMMENDED FOR APPROVAL
 DESIGN ENGINEER: *Clifton L. Sparks* 02/22/07
 DATE: 02/22/07

DESIGNED: JMK DRAWN: RJC
 CHECKED: JSB CHECKED: JSB

CLIFTON L. SPARKS
 No. 16531
 STATE OF INDIANA
 PROFESSIONAL ENGINEER

CITY OF NOBLESVILLE
PLAN & PROFILE LINE "D"

HORIZONTAL SCALE 1" = 40'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION NO.
SURVEY BOOK	SHEETS
CONTRACT	30 of 128
	PROJECT NO.

3 REVISED 3/29/07 - UPDATES FOR STORM STRUCTURES AND DRIVE ELEVATIONS