

K.C.W.

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*

December 17, 2007

To: Hamilton County Drainage Board

RE: Mud Creek / Sand Creek Drain - James D. McCarty Arm  
SR 238, INDOT Road project STP-3229(005)

Attached is a petition and plans for the proposed reconstruction of the James D. McCarty Drain. The reconstruction is being proposed by the Indiana Department of Transportation. The proposal is to reconstruct the James D. McCarty under State Road 238 in place. This portion of the James D McCarty drain will tie into the reconstruction done by Olio Partners 238, LLC as approved on August 13<sup>th</sup>, 2007; (Drainage Board Book 10, pages 362 & 363). This tie in will occur at existing structure 567 of the Olio Partner's reconstruction.

The reconstruction of the James D. McCarty drain shall consist of the removal of 108' of 8" RCP pipe. The new drain will consist of 95.8' of 24" RCP and will tie into structure 567 as shown on the plans. This will occur between Sta. 0+57 to Sta. 1+65 of the original report that is described by the original viewers in their report dated July 15, 1915. This is reflected in the plan on sheet 22, prepared by USI Consulting, Inc., dated December 20, 2006.

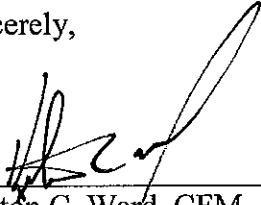
No additional new footage will be added to the James D. McCarty, as the drain is being reconstructed in place, therefore the drain's length remains unchanged.

The cost of the relocation is to be paid for by the Indiana Department of Transportation and is within the boundaries of the State Right of Way, who petitioned for the reconstruction. The project falls under the requirements as set out in IC 36-9-27-52.5, therefore, a hearing is not required for the petition.

The petitioner was not required to provide a performance bond since this is an Indiana Department of Transportation project. There is no new easement required for this drain as it is being reconstructed in existing easement and right of way.

I recommend approval by the Board at this time.

Sincerely,

A handwritten signature in black ink, appearing to read 'K. Ward', written over a horizontal line.

Kenton C. Ward, CFM  
Hamilton County Surveyor

KCW/mlg

**Gasb 34 Asset Price &  
Drain Length Log**

**Drain-Improvement:** Mud Creek - Sand Creek Drain: SR 238 Reconstruction of the James McCarty Drain

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
RCP	24	70	70	0	\$18.00 lf	\$1,260.00
<b>Sum:</b>		<u>114</u>	<u>114</u>	<u>0</u>		<u>\$1,260.00</u>

Final Report: n/a

Comments:

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HAMILTON COUNTY DRAINAGE BOARD  
NOBLESVILLE, INDIANA

IN RE: C-2007-00025 )  
Hamilton County, Indiana )

PETITION FOR RELOCATION AND RECONSTRUCTION

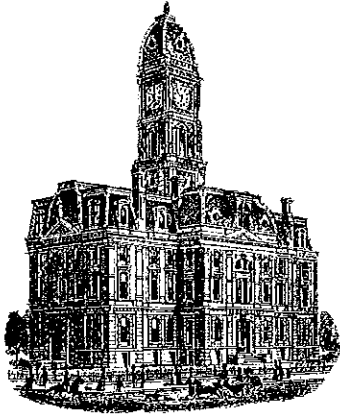
Indiana Department of Transportation (hereinafter "Petitioner"),  
hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a  
section of the James D. McCarty Regulated Drain, and in support of  
said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the James D. McCarty Regulated 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 James D. McCarty Regulated 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 James D. McCarty Regulated Drain, without cost to other property owners on the watershed of the James D. McCarty Regulated Drain.
5. Proposed relocation and reconstruction will not adversely affect other land owners within the drainage shed.
6. Petitioner requests approval of the proposed relocation and reconstruction under IC 36-9-27-52.5.

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

Michelle Allen  
Signed

Michelle Allen  
Printed



*Kenton C. Ward, CFM*  
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*Noblesville, Indiana 46060-2230*

**To: Hamilton County Drainage Board**

**February 4, 2011**

**Re: Mud Creek Sand Creek: SR 238 Reconstruction of James D. McCarty**

Attached are the plans and other information for SR 238 relocation of the James D. McCarty. 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 December 17, 2007. The report was approved by the Board at the hearing held February 11, 2008. (See Drainage Board Minutes Book 11, Pages 41-42)

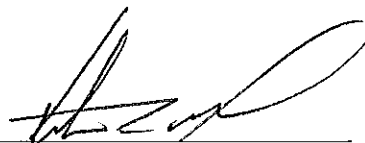
The changes are as follows:

The original tile was removed from Sta. 0+57 to Sta. 1+27. The existing 8" was replaced with 24" RCP. The length of the drain due to the changes described above is now **70 feet**. This project did not add any additional footage to the overall watershed length.

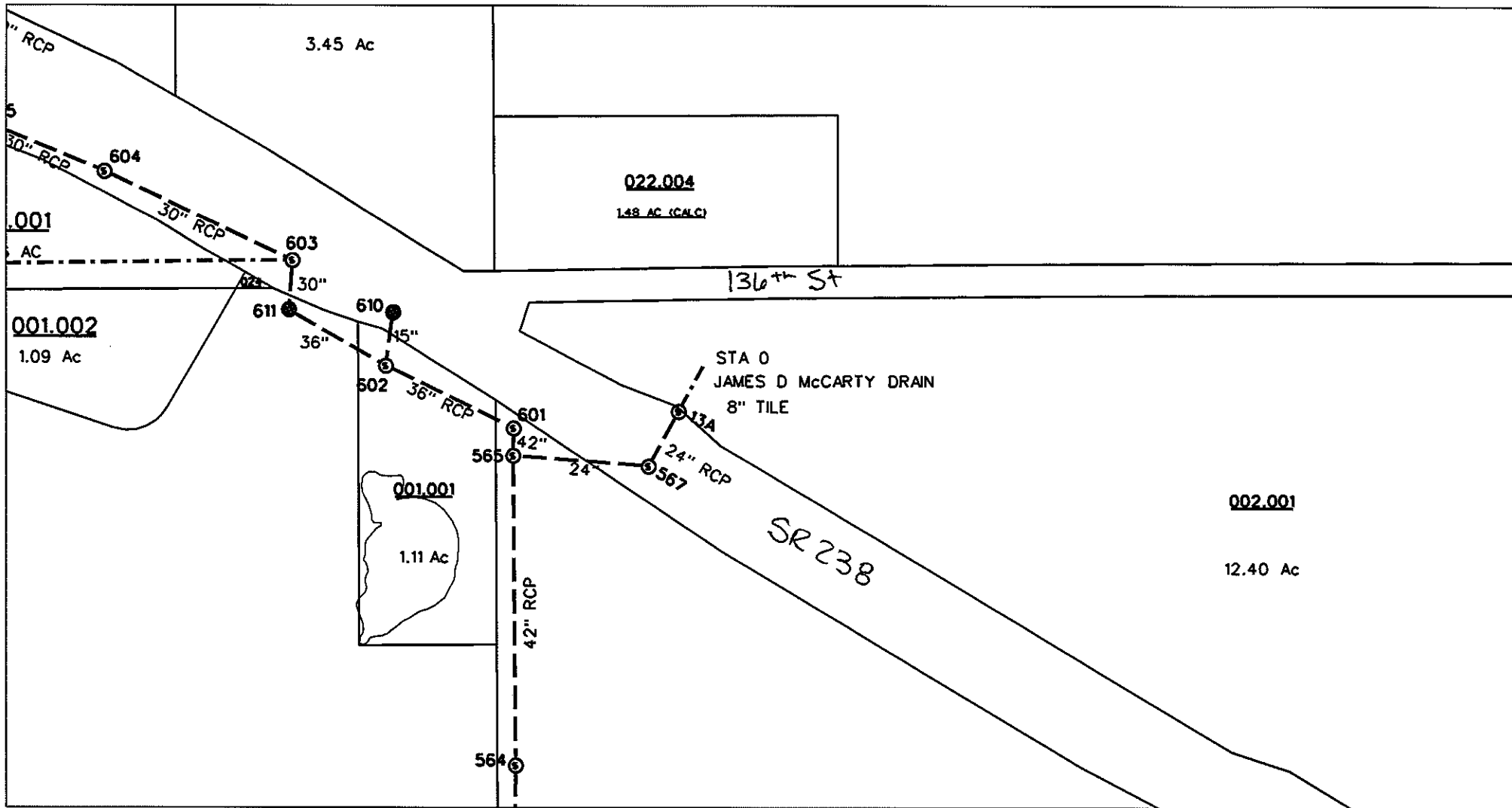
A non-enforcement was not required as all work was done within existing right of way. Sureties were not posted as the project was paid for by the State of Indiana.

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

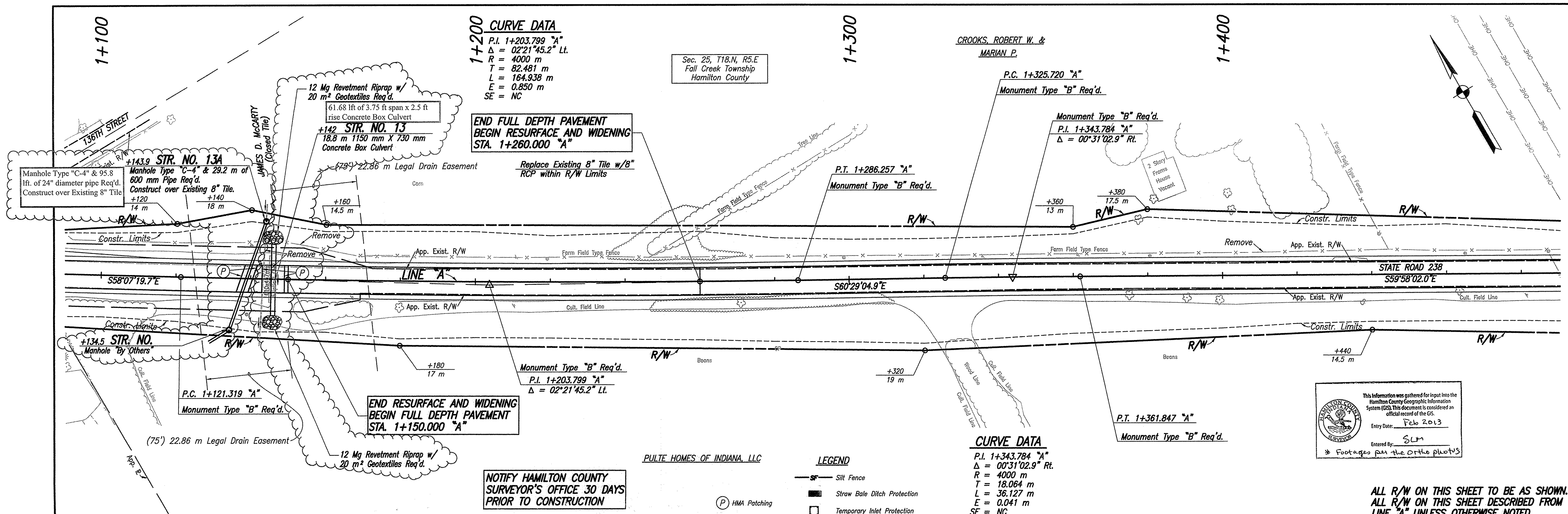
Sincerely,

  
\_\_\_\_\_  
Kenton C. Ward, CFM  
Hamilton County Surveyor

KCW/slm



reg\_drain\_hc.dgn 2/4/2013 2:39:33 PM



**1+200 CURVE DATA**  
 P.I. 1+203.799 "A"  
 $\Delta = 02^{\circ}21'45.2''$  Lt.  
 R = 4000 m  
 T = 82.481 m  
 L = 164.938 m  
 E = 0.850 m  
 SE = NC

**1+300 CURVE DATA**  
 P.I. 1+343.784 "A"  
 $\Delta = 00^{\circ}31'02.9''$  Rt.  
 R = 4000 m  
 T = 18.064 m  
 L = 36.127 m  
 E = 0.041 m  
 SE = NC

**1+400 CURVE DATA**  
 P.I. 1+361.847 "A"  
 $\Delta = 00^{\circ}31'02.9''$  Rt.  
 R = 4000 m  
 T = 18.064 m  
 L = 36.127 m  
 E = 0.041 m  
 SE = NC

**END FULL DEPTH PAVEMENT  
 BEGIN RESURFACE AND WIDENING  
 STA. 1+260.000 "A"**

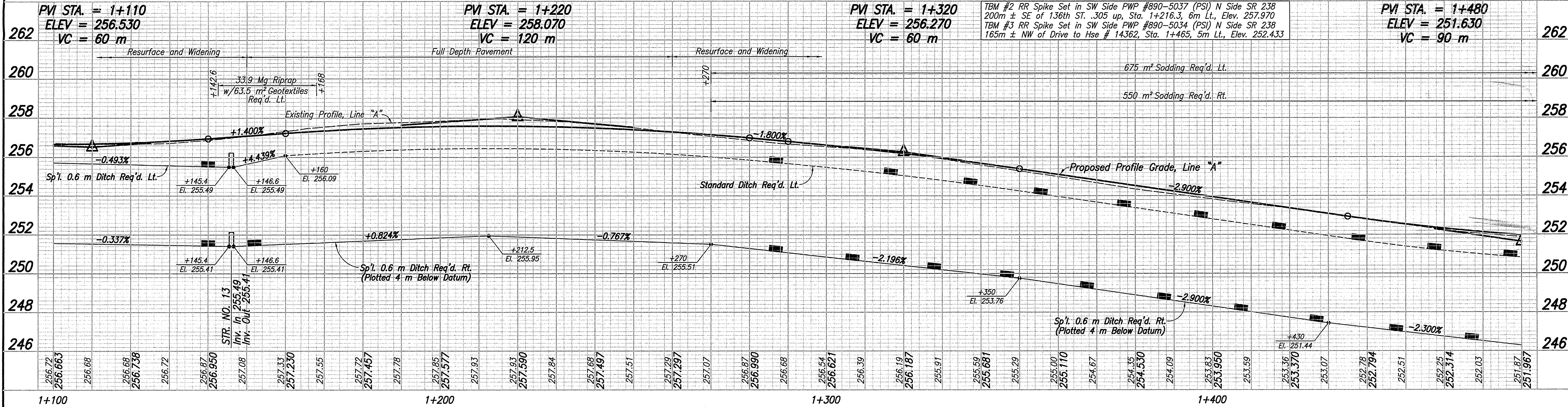
**END RESURFACE AND WIDENING  
 BEGIN FULL DEPTH PAVEMENT  
 STA. 1+150.000 "A"**

**NOTIFY HAMILTON COUNTY  
 SURVEYOR'S OFFICE 30 DAYS  
 PRIOR TO CONSTRUCTION**

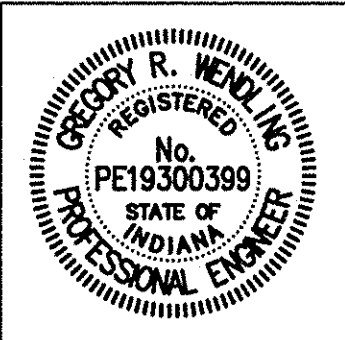
This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.  
 Entry Date: Feb 2013  
 Entered By: SLN  
 \* Footages per the Ortho photos

**LEGEND**  
 -sf- Silt Fence  
 [Symbol] Straw Bale Ditch Protection  
 [Symbol] Temporary Inlet Protection  
 (P) HMA Patching

**ALL R/W ON THIS SHEET TO BE AS SHOWN.  
 ALL R/W ON THIS SHEET DESCRIBED FROM  
 LINE "A" UNLESS OTHERWISE NOTED.**



FOR REFERENCES, SEE SHEET NO. 18 & 19



CERTIFIED BY: *G.R. Wendling* 12-20-06 DATE  
 DESIGNED: GRW DRAWN: CNC  
 CHECKED: DPF CHECKED: GRW

**INDIANA DEPARTMENT OF TRANSPORTATION**  
 STATE ROAD 238  
 STA. 1+100 TO STA. 1+480 "A"

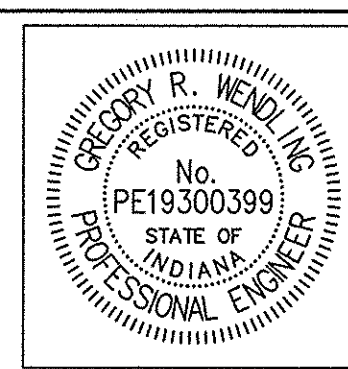
HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9706600
SURVEY BOOK	SHEETS 22 of 233
CONTRACT R-28939	PROJECT STP-3229(005)

This copy is from the Digital Archive of the Hamilton County Surveyor's Office, Noblesville, IN 46060

STRUCTURE DATA TABLE

STRUCTURE NUMBER	LOCATION			SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	SKEW	COVER	FLOW LINE		SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURAL BACKFILL	REVEIMENT RIPRAP	CONCRETE, CLASS A, FOR STRUCTURES	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION		CONNECT TO STR. NO.	REMARKS			
	STATION	LEFT	RIGHT							CROSS	ELEV.									ELEV.	YR.	EA.	TYPE	SLOPE			EA.	SLOPE	EA.
11	LINE "A" 1+067.0				375	3	Drive Pipe	12	0.5	255.70	255.65	50	N	7	2	1.3				2									
12	1+072.0				375	2	Pipe	3	0.3	255.85	255.85	50	N	7	2	0.1				1						Extend Existing Pipe 3 m			
13	1+146.0				375	1	Concrete Box Culvert	61.68	0.6	838.22'	837.96'	50	N	7	1	29.4													
13A	1+143.9				600	1	Manhole Type "C-4"	29.2	2.1	253.97	253.90	50	N	7	1	67.2										Construct over Existing 8" Tile. Remove remaining tile within R/W limits.			
					24"			95.80 ft	7 ft	833.24'	833.00'																		
15	1+526.0				15"		Pipe Catch Basin	36.8	0.5	249.82	249.54	50	N	7	2	4.0											Replace Existing 15" Tile w/15" RCP within R/W Limits		
15A	1+863.2				375	2	Pipe Catch Basin	41.1	1.0	252.94	252.08	50	N	7	2	3.2				1									
16	1+949.2				375	2	Pipe Catch Basin	29.5	1.0	252.94	252.08	50	N	7	2	3.2				1									
17	2+021.0				375	2	Pipe Catch Basin	71.5	0.5	255.05	252.95	50	N	7	2	7.9										16			
18	2+044.0				375	2	Pipe	22.0	0.3	255.71	255.06	50	N	7	2	2.4				1						17			
19	2+072.0				375	2	Inlet Type "E-7"	69.0	2.3	254.39	254.09	50	N	7	2	7.6				1									
19A	2+077.4				375	2	Pipe	9.5	0.3	255.88	254.70	50	N	7	2	1.0				1						19			
20	2+145.0				375	2	Pipe Catch Basin	74.0	1.3	256.61	254.39	50	N	7	2	8.1										19			
21	2+224.0				375	2	Pipe Catch Basin	79.0	1.3	256.74	256.61	50	N	7	2	8.7										20			
22	2+276.0				375	2	Pipe Catch Basin	52.0	1.3	256.90	256.74	50	N	7	1	5.7										21			
23	2+298.2				375	3	Drive Pipe	15.5	1.6	257.49	257.44	50	N	7	2	1.7				2									
24	2+354.8				375	2	Pipe Catch Basin	78.5	1.6	257.13	256.90	50	N	7	2	8.6										22			
25	2+400.0				375	2	Pipe	45.5	1.5	257.27	257.13	50	N	7	2	5.0				1						24			
26	2+410.0				375	2	Pipe Catch Basin	50.0	0.7	257.86	257.65	50	N	7	2	5.5				1									
27	2+440.0				375	2	Pipe	31.0	1.0	257.89	257.86	50	N	7	2	5.4				1						26			
28	2+498.6				375	3	Drive Pipe	22.3	1.1	257.60	257.53	50	N	7	2	2.5				2									
29	2+584.5				375	1	Pipe	30.5	1.5	258.36	258.27	50	N	7	1	64.7				2									
30	2+886.1				375	3	Drive Pipe	13.0	1.0	258.17	258.13	50	N	7	2	1.2				2									
31	2+894.3				375	3	Drive Pipe	13.0	0.6	258.38	258.35	50	N	7	2	1.4				2						32			
32	2+902.0				375	2	Pipe Catch Basin	17.7	0.3	258.38	258.29	50	N	7	2	1.9				1						33			
33	2+920.0				375	2	Pipe Catch Basin	60.0	0.6	258.18	257.81	50	N	7	2	6.6				2									
34	3+020.5				375	3	Drive Pipe	10.0	0.6	257.46	257.36	50	N	7	2	1.1				2									
35	3+245.4				375	3	Drive Pipe	9.0	0.4	254.91	254.82	50	N	7	2	1.0				2									
36	3+273.5				375	3	Drive Pipe	10.0	0.6	254.95	254.91	50	N	7	2	1.1				2									
37	3+410.0				375	2	Pipe	32.2	1.1	253.46	253.21	50	N	7	2	3.5				1						38			
38	3+440.0				375	2	Pipe Catch Basin	40.2	0.6	253.21	252.88	50	N	7	2	4.4				1									
39	3+456.7				375	1	Pipe	25.0	1.0	253.20	252.97	50	N	7	1	24.9				2									
40	3+500.3				375	3	Drive Pipe	8.0	0.5	252.71	252.64	50	N	7	2	0.9				2									
41	3+580.0				375	2	Pipe	40.0	1.5	253.46	253.03	50	N	7	2	4.4				1						42			
42	3+620.0				375	2	Pipe Catch Basin	80.0	1.5	253.03	252.88	50	N	7	2	8.8				1									
43	3+775.6				375	3	Drive Pipe	13.0	1.3	247.83	247.77	50	N	7	2	1.4				2									
44	3+838.2				375	3	Drive Pipe	18.0	0.9	249.93	249.09	50	N	7	2	2.0				2									
45	3+842.3				375	1	Pipe	23.5	1.0	249.54	248.54	50	N	7	1	15.3				2									
46	3+975.0				375	3	Drive Pipe	21.0	1.6	253.87	253.27	50	N	7	2	2.3				2									
47	3+980.0				375	2	Pipe	120.0	1.5	243.84	250.51	50	N	7	2	13.2				2									
48	4+140.0				375	3	Drive Pipe	22.5	1.8	253.79	253.72	50	N	7	2	2.5				2									
49	4+196.0				3600 X 1500	1	Concrete Box Culvert	31.0	0.5	252.60	252.30	50	N	7	1	48.5													

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: Feb 2013  
 Entered By: SEM  
 \*Footings Per Drone photos



CERTIFIED BY: *G.R. Wendling* 12-20-06 DATE  
 DESIGNED: GRW DRAWN: CNC  
 CHECKED: DPF CHECKED: GRW

INDIANA DEPARTMENT OF TRANSPORTATION  
 STATE ROAD 238  
 STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	9706600
SURVEY BOOK	SHEETS
	81 of 233
CONTRACT	PROJECT
R-28939	STP-3229(005)