

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 28, 2012

To: Hamilton County Drainage Board

Re: Elliott Creek Drain, Towne Road 131st to 146th Reconstruction

Attached are petition, plans, and other information for the proposed reconstruction of the Elliott Creek Drain, for the Towne Road from 131st to 146th Reconstruction. The reconstruction was petitioned by the City of Carmel. During the road reconstruction, the Elliott Creek Drain – Village at Towne Pointe Arm, Lakeside Park Section 1 Arm, and Lakeside Park Section 5 Arm were affected. Those changes are as follows:

Elliott Creek Drain

Elliott Creek Drain – Village at Towne Pointe Arm: The project will place a new Structure (Str. 210) approximately 22 feet east of Structure 26 per the as-built plans for Village at Towne Pointe, prepared by Janssen & Spaans Engineering, Inc., dates December 28, 2004, and having job number 602. The new structure will be an inlet structure and the existing 22 feet of pipe and end section will be removed. The project will also place a new Structure (Str. 214) approximately 26 feet east of Structure 35 per the as-built plan and remove 26 feet of pipe and the end section. From the new Str. 214, 5 feet of 12" RCP and Str. 375 will be added to the drain. This will result in a net removal of 43 feet of pipe from this arm. This is shown on Sheet 21 of the plans prepared by American Structurepoint, Inc., having City of Carmel Project Number 11-02, and dated February 10, 2011.

Elliott Creek Drain – Lakeside Park Section 1 Arm: The project will place a new Structure (Str. 620) approximately 4 feet northwest of Structure 162 per the plans for Lakeside Park Section 1, prepared by Stoeppelwerth & Associates, having Job Number 41760, and date of 10-1-02. Castings on Structures 162 and 163 will be adjusted to match the new grade of the entrance roadway. Also, the 2 runs of 6" SSD under the curbs east of Structures 162 and 163, a total length of 124 feet, will be removed. This is shown on Sheet 24 of the plans prepared by American Structurepoint, Inc., having City of Carmel Project Number 11-02, and dated February 10, 2011.

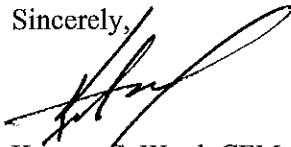
Elliott Creek Drain – Lakeside Park Section 5 Arm: The project will move Structure 602 approximately 4 feet west, which is Structure 177 per the plans for Lakeside Park Section 5, prepared by Stoepelwerth & Associates, having Job Number 41760S5, and date of 9-1-06. Also, the run of 6” SSD east of this structure, a total length of 614 feet, will be removed. This will remove a total of 618 feet from the Section 5 Arm. This is shown on Sheet 25 of the plans prepared by American Structurepoint, Inc., having City of Carmel Project Number 11-02, and dated February 10, 2011.

The road project will remove 785 feet from the total length of the Elliott Creek Drain.

The cost of the reconstruction is to be paid by the City of Carmel. Because the project is to be paid by the petitioner and is being completed within the right of way owned by the City of Carmel, the project falls under the requirements as set out in IC 36-9-27-52.5. Therefore, a hearing with 30 day notice is not required for the petition.

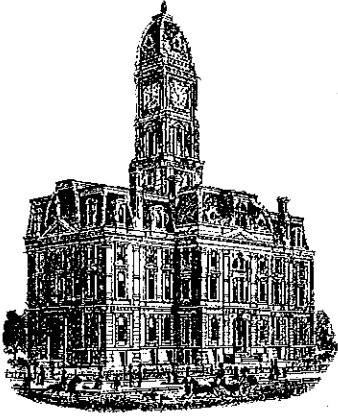
I recommend the Board approve the project at this time.

Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/pll



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

August 28, 2013

Re: Williams Creek D.A.-Elliott Creek Drain: Towne Road 131st and 146th Reconstruction

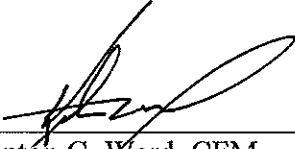
Attached are plans and other information for Towne Road 131st and 146th Reconstruction. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction, changes there were no significant changes made to the drainage plans submitted with my report for this drain dated December 28, 2012. The report was approved by the Board at the hearing held July 8, 2013. Therefore, the length of the drain remains at **5 feet**. The project removed **786** feet of existing drain. Therefore, **781** feet of drain was removed from the overall length of the watershed.

The project was completed within road right of way or existing drainage easement. Therefore, no additional drainage easement was required. The project was paid for by the City of Carmel. Therefore, no sureties were required.

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

Sincerely,

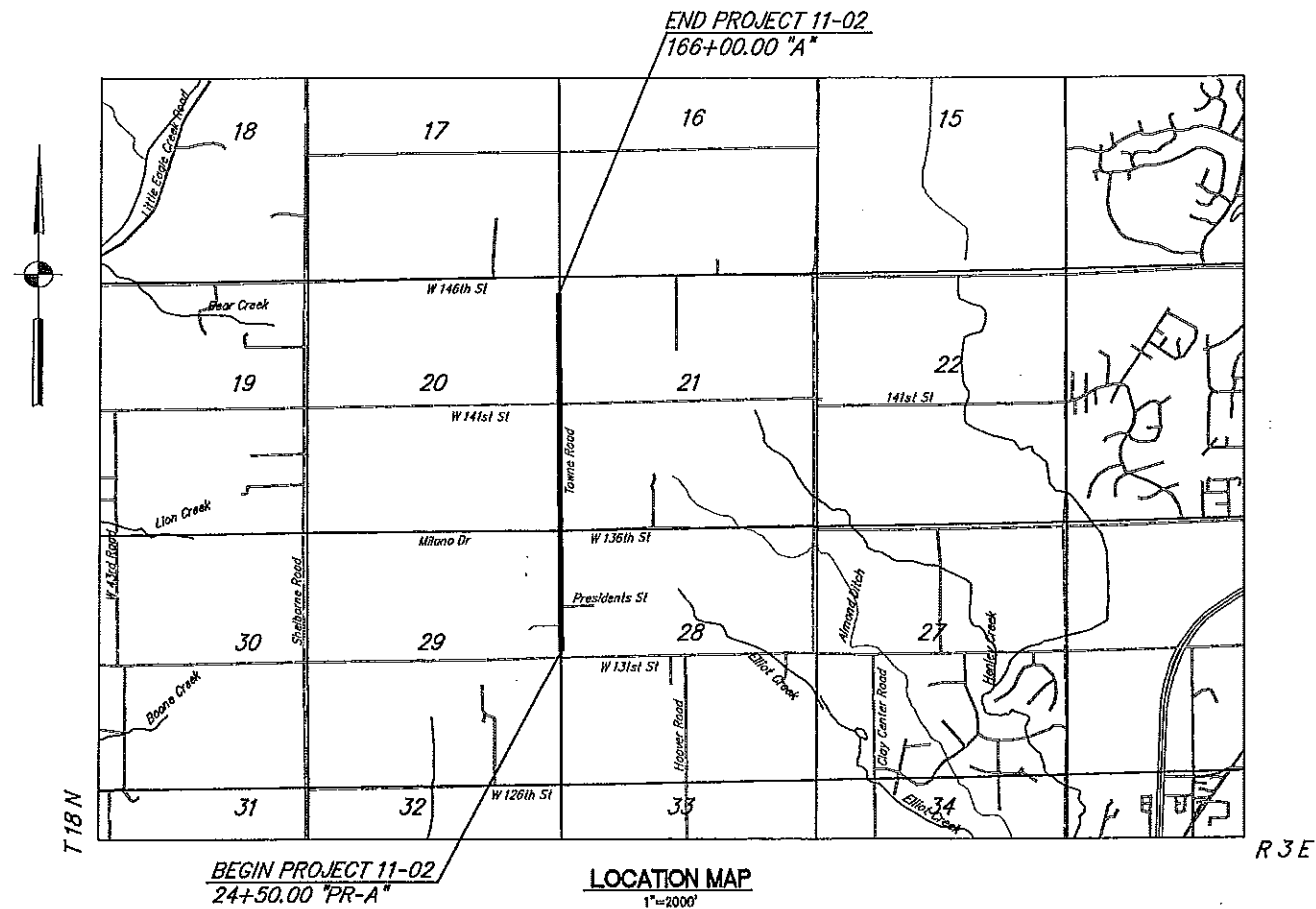


Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/slm

CITY OF CARMEL PROJECT NO. 11-02

TOWNE ROAD 131st Street to 146th Street




INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2010
TO BE USED WITH THESE PLANS

PROJECT LETTING DATE: 03-02-2011

APPROVED BY:
BOARD OF PUBLIC WORKS AND SAFETY

JAMES BRAINARD, MAYOR - CHAIRMAN
MARY ANNE BURKE - MEMBER
LORI WATSON - MEMBER



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: August 2013
Entered By: SLM



OWNER
CITY OF CARMEL
ONE CIVIC SQUARE
CARMEL, INDIANA 46032
(317) 571-2400

TOPOGRAPHIC SURVEY BY:
FIRM NAME: AMERICAN STRUCTUREPOINT
ADDRESS: 7260 SHADELAND STATION
CITY/STATE: INDIANAPOLIS, IN
PHONE: 317-547-5580
CONTACT: SAM BALOG

HOLEY MOLEY SAYS
'DON'T DIG BLIND'



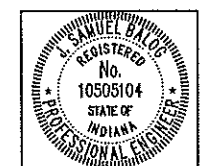
'IT'S THE LAW'
CALL A WORKING DAYS BEFORE YOU DIG
1-800-382-5544
CALL TOLL FREE

PER INDIANA STATE LAW 89-1991,
IT IS AGAINST THE LAW TO EXCAVATE
WITHOUT NOTIFYING THE UNDERGROUND
LOCATION SERVICE TWO (2) WORKING
DAYS BEFORE COMMENCING WORK.

PLANS PREPARED BY:



AMERICAN
STRUCTUREPOINT
INC.
7260 SHADELAND STATION
INDIANAPOLIS, IN 46256-3957
TEL 317.547.6580 FAX 317.543.0270
www.structurepoint.com

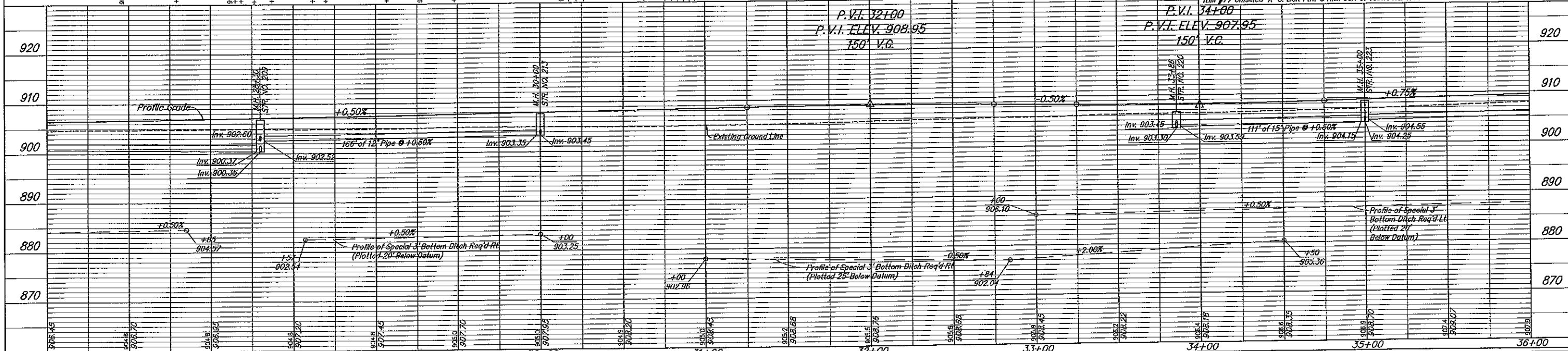
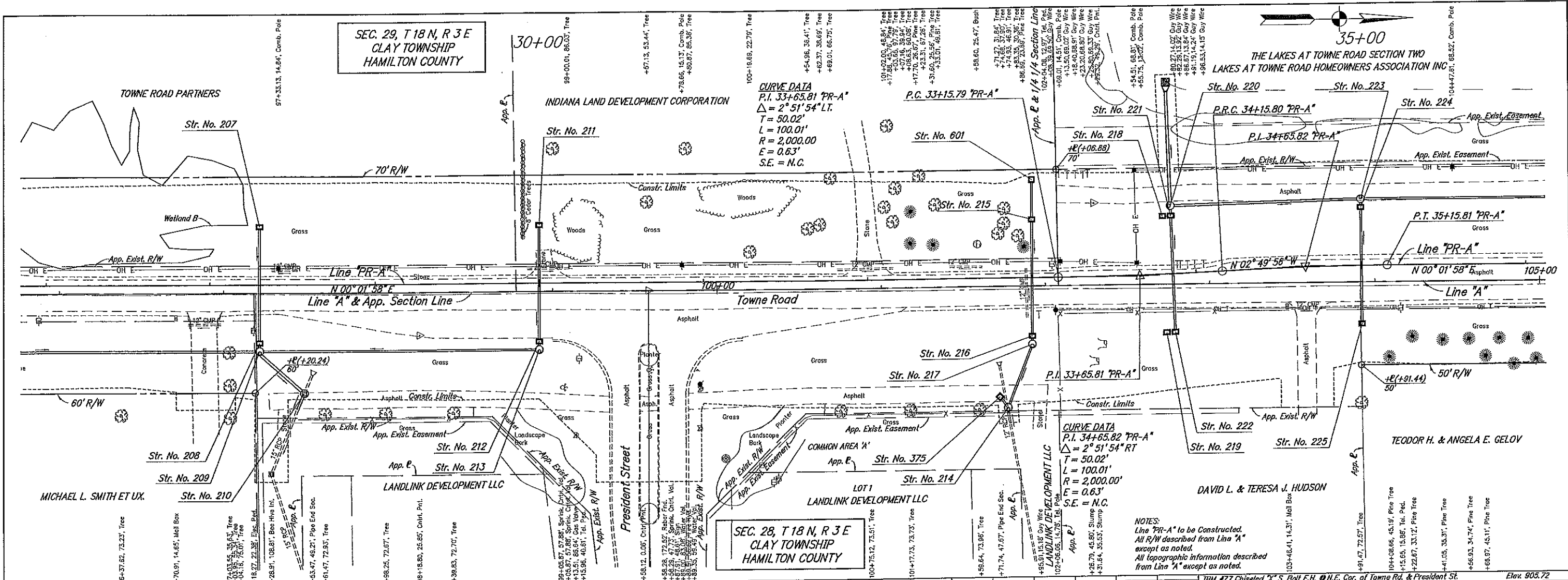


J. Samuel Balog 02-10-2011
CERTIFIED BY: DATE

DESIGNED: JSB CHECKED: MJM
DRAWN: MJM CHECKED: JSB

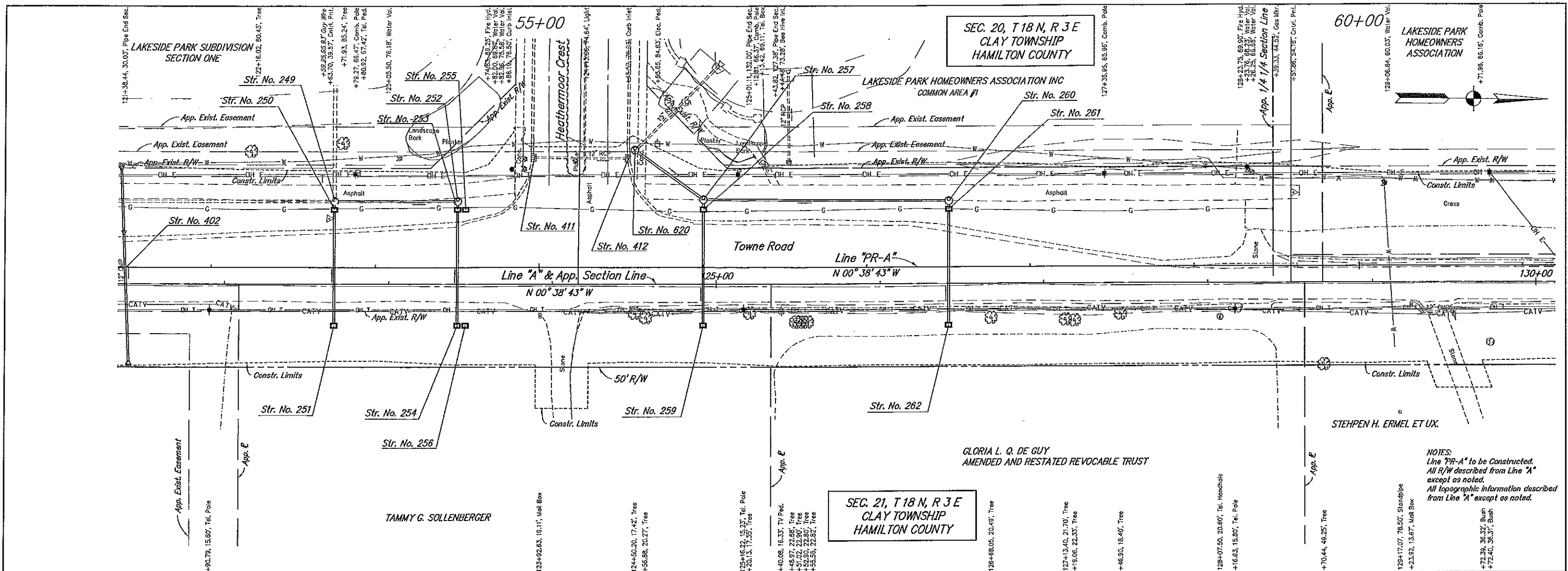
FINAL
CONSTRUCTION
DOCUMENTS

PROJECT NO. 11-02 - TOWNE ROAD



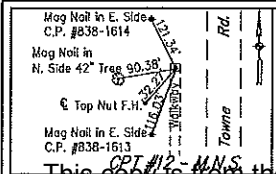
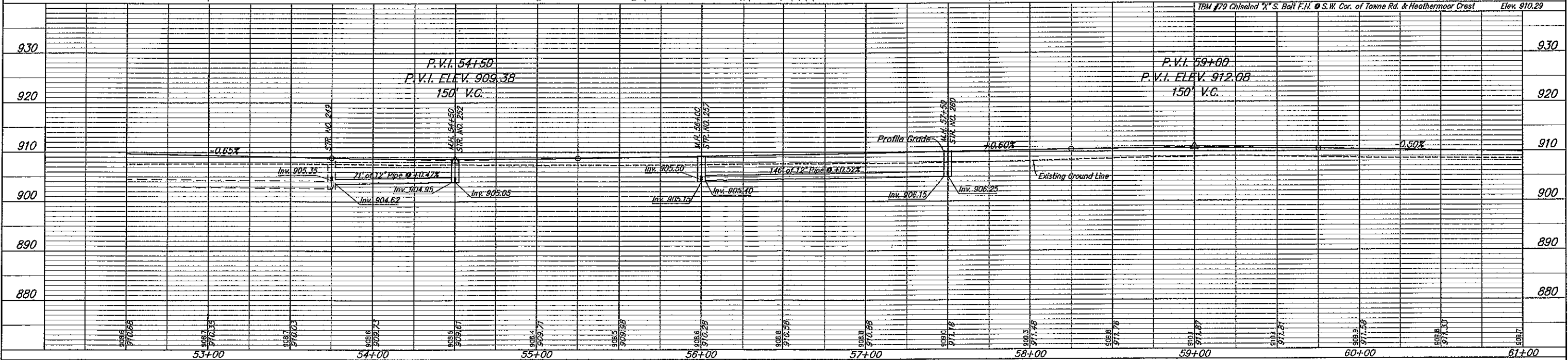
		RECOMMENDED FOR APPROVAL: <i>S. Balog</i> 02-10-2011 DESIGN ENGINEER DATE	CITY OF CARMEL PLAN AND PROFILE LINE "PR-A"	HORIZONTAL SCALE 1" = 30'	BRIDGE FILE
		DESIGNED: MJM DRAWN: MJM CHECKED: JSB		VERTICAL SCALE 1" = 10'	DESIGNATION NO.
				SURVEY BOOK	SHEETS 10 of 116
				CONTRACT	PROJECT NO. 11-02

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SEC. 21, T 18 N, R 3 E
CLAY TOWNSHIP
HAMILTON COUNTY

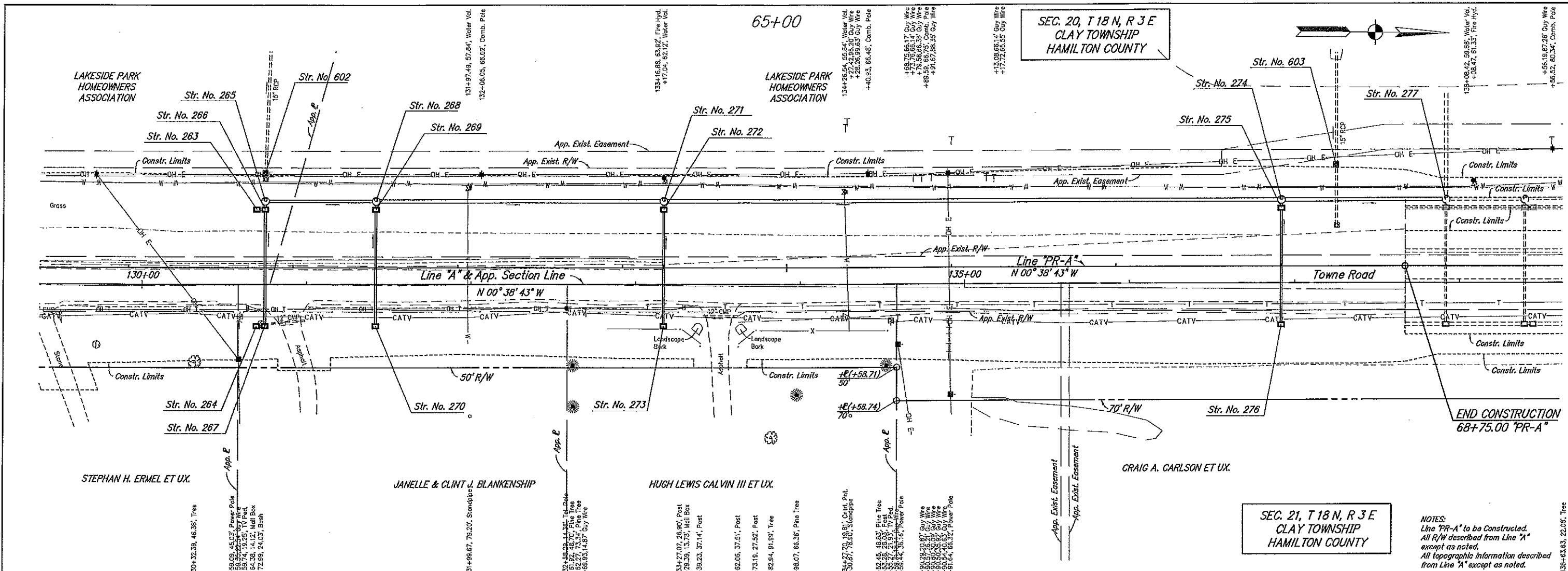
NOTES:
Line "PR-A" to be Constructed.
All R/W described from Line "A"
except as noted.
All topographic information described
from Line "A" except as noted.



RECOMMENDED FOR APPROVAL: *P. Samuel Bay* 02-10-2011
DESIGN ENGINEER DATE
DESIGNED: MJM DRAWN: MJM
CHECKED: JSB CHECKED: JSB

CITY OF CARMEL
PLAN AND PROFILE
LINE "PR-A"

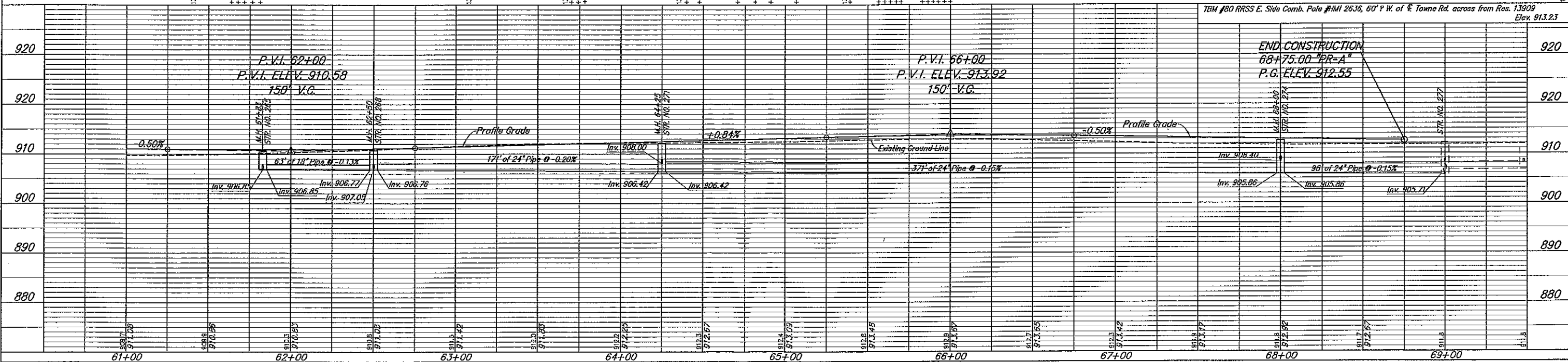
HORIZONTAL SCALE 1" = 30'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION NO.
SURVEY BOOK	SHEETS
CONTRACT	13 of 116
	PROJECT NO. 11-02



SEC. 20, T 18 N, R 3 E
CLAY TOWNSHIP
HAMILTON COUNTY

SEC. 21, T 18 N, R 3 E
CLAY TOWNSHIP
HAMILTON COUNTY

NOTES:
Line "PR-A" to be Constructed.
All R/W described from Line "A"
except as noted.
All topographic information described
from Line "A" except as noted.

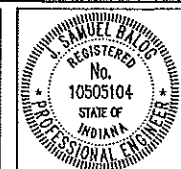


	RECOMMENDED FOR APPROVAL	<i>S. Samuel B. Jones</i>	02-10-2011	CITY OF CARMEL PLAN AND PROFILE LINE "PR-A"	HORIZONTAL SCALE	1" = 30'	BRIDGE FILE DESIGNATION NO.	
	DESIGNED:	MJM	DRAWN:		MJM	SURVEY BOOK		14
	CHECKED:	JSB	CHECKED:	JSB	CONTRACT		PROJECT NO.	11-02

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STRUCTURE DATA

STRUCTURE NUMBER	LOCATION				SIZE in.	PIPE TYPE	DESCRIPTION MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH ft.	SKEW	COVER ft.	FLOW LINE		SERVICE LIFE YR.	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL CYC.	TYPE	FLOWABLE BACKFILL CYC.	TYPE	GEOTEXTILES SYS.	RIPRAP TON	TYPE	CONCRETE CLASS A FOR STRUCTURES CYC.	VIDEO INSPECTION LFT.	PIPE END SECTION EACH	GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR. NO.	REMARKS				
	STATION	LEFT	RIGHT	CROSS							OFFSET FT.	UP STREAM ELEV.															DOWN STREAM ELEV.	TYPE	SLOPE	EACH	TYPE	SLOPE			EACH	TYPE	SLOPE	EACH
Line "PR-A"																																						
260	57+50	x			40	12	RCP	Manhole C-4	146	4.0	906.15	905.40	75	N	7.0	1	79	1														257						
261	57+50	x				12	RCP	Catch Basin K-10	2	3.3	906.30	906.25	75	N	7.0	1	1	1														260						
262	57+50		x			12	RCP	Inlet J-10	67	3.1	906.55	906.35	75	N	7.0	1	29	1														261						
263	61+78	x				12	RCP	Inlet M-10	1	2.1	907.15	907.10	75	N	7.0	1	1	1														266						
264	61+78		x			12	RCP	Inlet M-10	1	2.1	907.15	907.10	75	N	7.0	1	1	1														267						
602	61+83	x			57			Relocate Existing Inlet																														
265	61+83	x			40	18	RCP	Manhole C-4	63	2.1	906.85	906.77	75	N	7.0	1	27	1														268						
266	61+83	x				15	RCP	Catch Basin K-10	2	2.1	906.90	906.85	75	N	7.0	1	1	1														265						
267	61+83		x			15	RCP	Inlet M-10	67	1.9	907.10	906.90	75	N	7.0	1	23	1														266						
268	62+50	x			40	24	RCP	Manhole C-4	171	2.0	906.76	906.42	75	N	7.0	1	103	1														271						
269	62+50	x				12	RCP	Catch Basin K-10	2	2.4	907.10	907.05	75	N	7.0	1	1	1														268						
270	62+50		x			12	RCP	Inlet M-10	67	2.1	907.35	907.15	75	N	7.0	1	21	1														269						
271	64+25	x			40	24	RCP	Manhole C-4	371	3.7	906.42	905.86	75	N	7.0	1	309	1														274						
272	64+25	x				12	RCP	Catch Basin K-10	2	2.9	908.05	908.00	75	N	7.0	1	1	1														271						
273	64+25		x			12	RCP	Inlet J-10	67	2.6	908.30	908.10	75	N	7.0	1	25	1														272						
274	68+00	x			40	24	RCP	Manhole C-4	96	4.7	905.86	905.71	75	N	7.0	1	89	1														277						
275	68+00	x				12	RCP	Catch Basin K-10	2	2.9	908.45	908.40	75	N	7.0	1	1	1														274						
276	68+00		x			12	RCP	Inlet J-10	67	2.6	908.75	908.55	75	N	7.0	1	25	1														275						
413	68+33	x			61			Relocate Existing Inlet																														
277	69+00	x			40			Existing Manhole																								Core Drill Existing Structure						
Line "A"																																						
292	145+50	x			40			Existing Manhole																								Core Drill Existing Structure						
293	145+50	x				12	RCP	Catch Basin K-10	2	2.9	907.30	907.25	75	N	7.0	1	1	1														292						
294	145+50		x			12	RCP	Inlet J-10	67	2.6	907.60	907.40	75	N	7.0	1	25	1														293						
296	146+48	x				12	RCP	Inlet M-10	1	2.7	907.20	907.15	75	N	7.0	1	1	1														299						
297	146+48		x			12	RCP	Inlet M-10	1	2.6	907.30	907.25	75	N	7.0	1	1	1														300						
298	146+53	x			40	18	RCP	Existing Manhole	63	3.4	906.50	906.14	75	N	7.0	1	37	1														Core Drill Existing Structure						
299	146+53	x				12	RCP	Catch Basin K-10	2	3.0	906.90	906.85	75	N	7.0	1	1	1														298						
300	146+53		x			12	RCP	Inlet M-10	67	2.7	907.20	907.00	75	N	7.0	1	26	1														299						
622	146+53		x			12	RCP	Pipe End Section	13	2.1	908.10	907.80	75	N	7.0	1	4	1														300						
403	147+04			x		18	RCP	Pipe Culvert	146	1.0	907.58	906.97	75	N	7.0	1	37	1																				



RECOMMENDED FOR APPROVAL: *S. B. Jones* 02-10-2011
 DESIGN ENGINEER DATE
 DESIGNED: MJM DRAWN: MJM
 CHECKED: JSB CHECKED: JSB

CITY OF CARMEL
 STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION NO.
SURVEY BOOK	SHEETS
CONTRACT	53 of 116
	PROJECT NO. 11-02