



Kenton C. Ward, CFM Surveyor of Hamilton County Phone (3x7) 776-8495 Fax (3x7) 776-9628 Suite 188 One Hamilton County Square Noblesville, Indiana 46060-2230

January 3, 2013

To: Hamilton County Drainage Board

Re: Clara Knotts Drain, 103<sup>rd</sup> Street and Pennsylvania Street Intersection Reconstruction

Attached are petition, plans, and other information for the proposed reconstruction of the Clara Knotts Drain, for the  $103^{\rm rd}$  Street and Pennsylvania Street intersection reconstruction. The reconstruction was petitioned by the City of Carmel. During the road reconstruction, the City of Carmel was asked to extend the Clara Knotts Drain in the ROW to the north end of parcel 16-13-11-02-15-001.000, so that Phase 2 of the Clara Knotts Reconstruction could take place without cutting the new roadway. This proposed Phase 2 Arm would provide drainage to Delaware Street and Washington Boulevard from  $103^{\rm rd}$  to  $106^{\rm th}$  Street. This project affected the Clara Knotts Drain – Reconstruction Phase 1 and Meridian Corporate Plaza Arms with the intersection reconstruction project. Those changes are as follows:

#### Clara Knotts Drain

<u>Clara Knotts Drain – Meridian Corporate Plaza Arm:</u> The road project installed all new storm sewers at the round-a-bout intersection of 103<sup>rd</sup> Street and Pennsylvania Street and removed the old regulated drain system. The removal starts at Str. 673 of the Meridian Corporate Plaza Arm, as shown on the plans prepared by Paul I. Cripe, Inc., having job number 86391-20000, and dated July 29, 1988. The pipes from Str. 673 to Str. 672, Str. 671 to Str. 671, Str 671 to Str. 707 of the Clara Knotts Reconstruction Phase 1 Arm, Str. 674 to Str. 707, and Str. 675 to Str. 706 of the Clara Knotts Reconstruction Phase 1 Arm, shall be removed. This will remove a total of 207' of drain from the Clara Knotts – Meridian Corporate Plaza Arm.

<u>Clara Knotts Drain – Reconstruction Phase 1 Arm:</u> The road project removed Structure 707 of the Reconstruction Phase 1 Arm, as shown on the plans prepared by Weihe Engineering, Inc., having job number 85-530, and dated March 28, 1986. This structure will be replaced with the new drainage system for the intersection improvements. This results in 0 feet being removed from the Clara Knotts – Reconstruction Phase 1 Arm.

<u>Clara Knotts Drain – 103<sup>rd</sup> Street and Pennsylvania Street Intersection Improvements Arm:</u> The new drain shall begin at Str. 9, then to Str. 20, and Str. 32, as shown on Sheets 3, 4, and 9 of the as-built plans prepared by Crossroad Engineers, PC, and having Carmel Project Number 06-18. Also to be included is the drain from Str. 14 to Str. 9, Str. 71 to Str. 12, Str 12 to Str. 9, Str. 74 to Str. 73, and Str. 73 to Str. 9. This is a total of 986 feet of new storm sewer drain of various sizes from 12" RCP to 36" RCP.

The road project will add 779 feet to the total length of the Clara Knotts 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

### Gasb 34 Asset Price & Drain Length Log

Drain-Improvement: 103rd & Pennsylvania St. Intersect. Improvements

					lf Ap	plicable
Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	Price:	Cost:
RLP	12"	309'	309 '	ø	#7. 25	ZZ40. <sup>25</sup>
	18"	309' 81'	81'	ø	\$ 10.50	850.50
	36"	596'	596	Ø	# 32 <sup>25</sup>	19,221.∞
Mana						
					<b></b>	
				<u> </u>		
	Sum:	986'	986	<u> </u>	4	22,311.
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Final Report:						
Comments:						
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#### HAMILTON COUNTY DRAINAGE BOARD NOBLESVILLE, INDIANA

IN RE:	Clara Knotts Drain	)
H	lamilton County, Indiana	$\dashv$

## PETITION FOR RELOCATION AND RECONSTRUCTION

	<u> </u>	LOCATION AND	RECUNSTRUC	<u>HON</u>	
	City	of Carmel		(hereinafter Petitioner"),	
hereby	petitions the Hamilton Coun	ty Drainage Board	for authority to re	elocate and improve a	
section	of the	Clara Knotts	D <sub>1</sub>	ain, and in support of	
said pe	stition advises the Board that:				
1.	Petitioner owns real estate th	rough which a por	tion of the	Clara Knotts	
	Drain runs.				
2.	Petitioner plans to develop it	s real estate with re	oads, buildings, u	tilities, storm drains,	
	sanitary sewers and other str	uctures.			
3.	Petitioner's proposed develo	pment of its real es	tate will require r	elocation and	
	reconstruction of a portion of	f the	Clara Knotts	Drain, as	
	specifically shown on engineering plans and specifications filed with the Hamilton				
	County Surveyor.				
4.	The work necessary for the p	roposed relocation	and reconstruction	on will be undertaken at	
	the sole expense of the Petiti	oner and such work	will result in sul	ostantial improvement to	
	the Clara Knotts			other property owners	
	on the watershed of the	Clara Kn	otts	_ Drain.	
5.	Proposed relocation and reco	nstruction will not	adversely affect of	other land owners within	
	the drainage shed.				
6.	Petitioner requests approval of	of the proposed rela	ocation and recons	struction under	
	IC 36-9-27-52.5.				
W	HEREFORE, Petitioner requ	ests that an Order i	ssued from the H	amilton County	
Drainag	e Board authorizing relocation	on and reconstruction	on of the	Clara Knotts	
Drain, i	n conformance with applicab	le law and plans an	d specifications o	on file with the Hamilton	
	Surveyor.				
		M.	7. M.Sr.	ELYGINZER	
		Signed	T 11 0		
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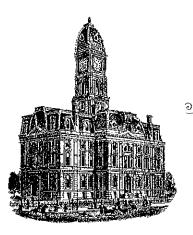
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# HAMILTON COUNTY DRAINAGE BOARD NOBLESVILLE, INDIANA

IN RE	. Clara Knotts Drain	)	
	Hamilton County, Indiana		
	PETITION FOR RELOC	CATION AND RECONSTR	LUCTION
	City of C	Carmel	(hereinafter Petitioner"),
hereby	petitions the Hamilton County D	rainage Board for authority	to relocate and improve a
section	of the Clar	a Knotts	_ Drain, and in support of
said pe	tition advises the Board that:		
1.	Petitioner owns real estate through	gh which a portion of the	Clara Knotts
	Drain runs.		
2.	Petitioner plans to develop its rea	al estate with roads, building	gs, utilities, storm drains,
	sanitary sewers and other structu	ires.	
3.	Petitioner's proposed developme	ent of its real estate will requ	nire relocation and
	reconstruction of a portion of the	Clara Knotts	Drain, as
	specifically shown on engineering	ng plans and specifications f	iled with the Hamilton
	County Surveyor.		
4.	The work necessary for the prope	osed relocation and reconstr	uction will be undertaken at
	the sole expense of the Petitioner	r and such work will result is	n substantial improvement to
	the Clara Knotts	Drain, without co	st to other property owners
	on the watershed of the	Clara Knotts	Drain.
5.	Proposed relocation and reconstr	uction will not adversely aff	fect other land owners within
	the drainage shed.		
6.	Petitioner requests approval of th	e proposed relocation and re	econstruction under
	IC 36-9-27-52.5.		
W	HEREFORE, Petitioner requests	that an Order issued from t	he Hamilton County
Oraina	ge Board authorizing relocation a	nd reconstruction of the	Clara Knotts
Drain,	in conformance with applicable la	w and plans and specification	ons on file with the Hamilton
	Surveyor.		
			Sent 2
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Printed CARMEL CITY ENGINEER





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 8, 2013

Re: Clara Knotts Drain: 103<sup>rd</sup> St. & Pennsylvania St. Intersection Reconstruction

Attached are as-builts and other information for 103<sup>rd</sup> Street and Pennsylvania St. Intersection 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 January 3, 2013. The report was approved by the Board at the hearing held July 8, 2013. (See Drainage Board Minutes Book 14)

The changes are as follows:

The 36" RCP was shortened from 596 feet to 595 feet.

The length of the drain due to the changes described above is now 985 feet.

The project removed 207 feet of existing drain. Therefore, there was a total of 778 feet of drain added to the overall watershed length.

The work for this project took place in the road right of way. There a non-enforcement was not needed. The City of Carmel paid for the construction of the project. Thus, no sureties were required for the work.

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

Sincerely,

Kenton C. Ward, CFM

Hamilton County Surveyor

KCW/slm

