

*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*

February 20, 2013

To: Hamilton County Drainage Board

Re: Clara Knotts Drain, 96<sup>th</sup> Street and Meridian Street Intersection Reconstruction

Attached are the plans, watershed map, and other information for the changes that were completed to the Clara Knotts Drain, with the 96<sup>th</sup> Street and Meridian Street intersection improvement completed by the City of Carmel in 2006. These changes were noticed while reviewing the Clara Knotts watershed boundary, so this report will modify the Clara Knotts Drain and the watershed boundary to reflect the changes made. The intersection improvement project affected the Clara Knotts Drain – U.S. 31 Improvements Arm. Those changes are as follows:

### **Clara Knotts Drain**

**Clara Knotts Drain – U.S. 31 Improvements Arm:** The road project added additional travel and turn lanes at the intersection of 96<sup>th</sup> Street and Meridian Street, which changed the location of the storm sewer inlets. The existing inlet Structures 103 and 107 as shown on the plans prepared by A & F Engineering Co., LLC, having job number PWW 301-002, and dated June 3, 2004, were capped off but flow of the regulated drain maintained. The new inlet structures to be part of the Clara Knotts Regulated Drain are Str. 105 to Str. 106 (which is Str. 19 of the U.S. 31 Improvements Arm), which is 10 feet of 12" RCP, Str. 98 to Str. 101, which is 127 feet of 12" RCP, and Str. 101 to Str. 102 (which is Str. 16 of the U.S. 31 Improvements Arm), which is 32 feet of 12" RCP.

The road project will add 169 feet to the total length of the Clara Knotts Drain.

The cost of the reconstruction was paid by the City of Carmel.

The following changes should be made to the Clara Knotts Maintenance assessment roll to reflect the correct area that receives benefit from the Clara Knotts Regulated Drain.

- 1.) The assessment acreage for parcel 16-13-11-00-00-025.000, owned by N R C Corporation, should be increased from the current 6 acres to the entire parcel acreage of 10.12 acres. This will increase the assessment from the \$75 minimum to \$101.20 per year for this parcel.

- 2.) The assessment for 96<sup>th</sup> Street ROW to the City of Carmel should increase by 2.73 acres for the ROW east of Meridian Street to the existing Clara Knotts watershed boundary.
- 3.) A total of 1.95 acres should be removed from the assessment roll for the Williams Creek Drain and added to the Clara Knotts Drain. This area is ROW for Meridian Street and is assessed to Indiana Department of Transportation.

This will remove \$19.50 from the Williams Creek Assessment Roll and increase the Clara Knotts Assessment Roll a total of \$73.00 annually.

I recommend the Board set a hearing for this proposed drain for April 22, 2013.

Sincerely,



Kenton C. Ward, CFM  
Hamilton County Surveyor

KCW/pll

**Clara Knotts Drain #210**

96th & Meridian Street Intersection Reconstruction

Hearing: 04/22/13

Shed line will change due to this hearing.

\*Cost of reconstruction was paid by City of Carmel.

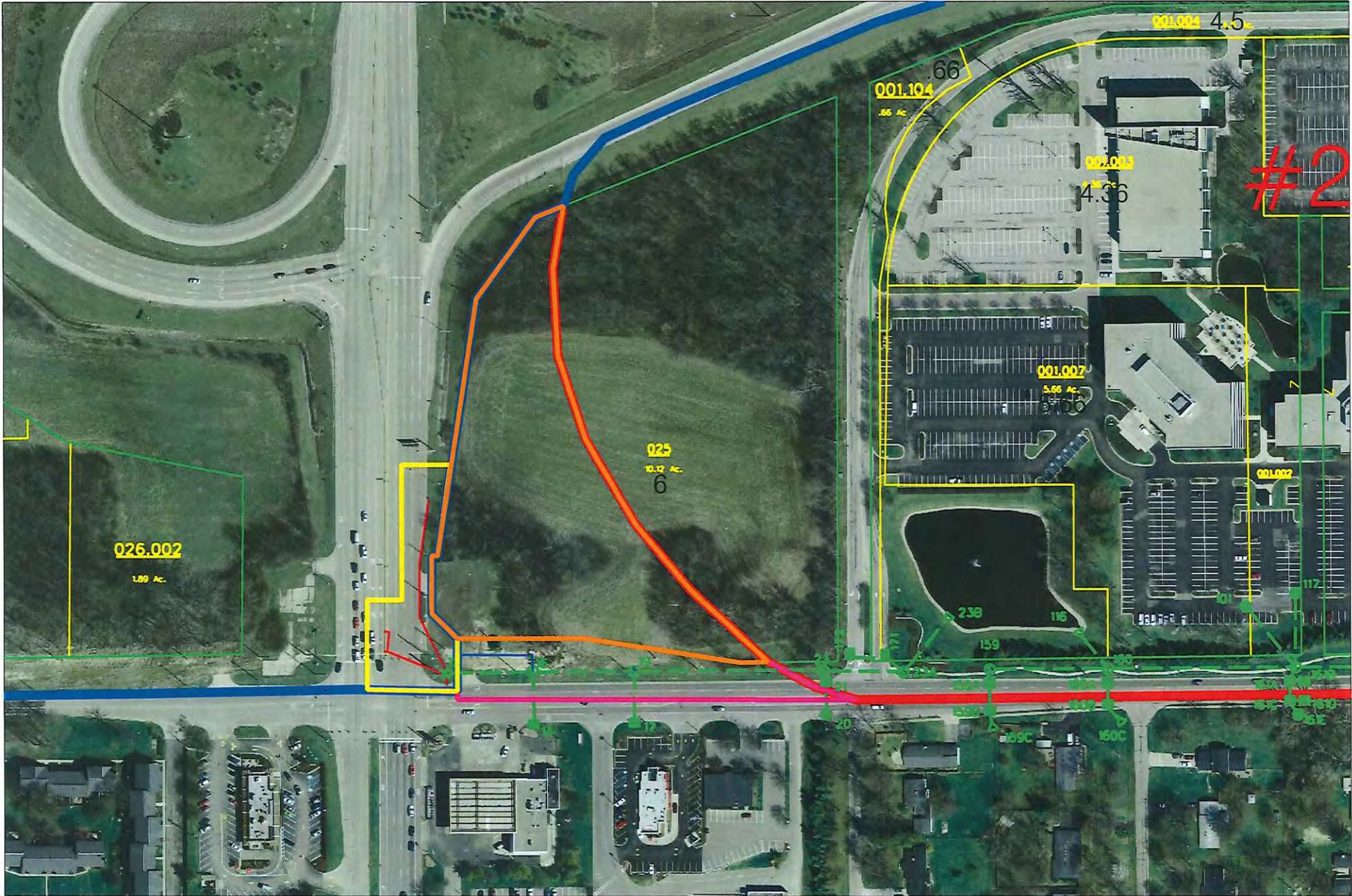
\*Proposed acreage of roads will be added to the existing acreage already assessed to Clara Knotts.

Will add 169' to the total length of Clara Knotts.

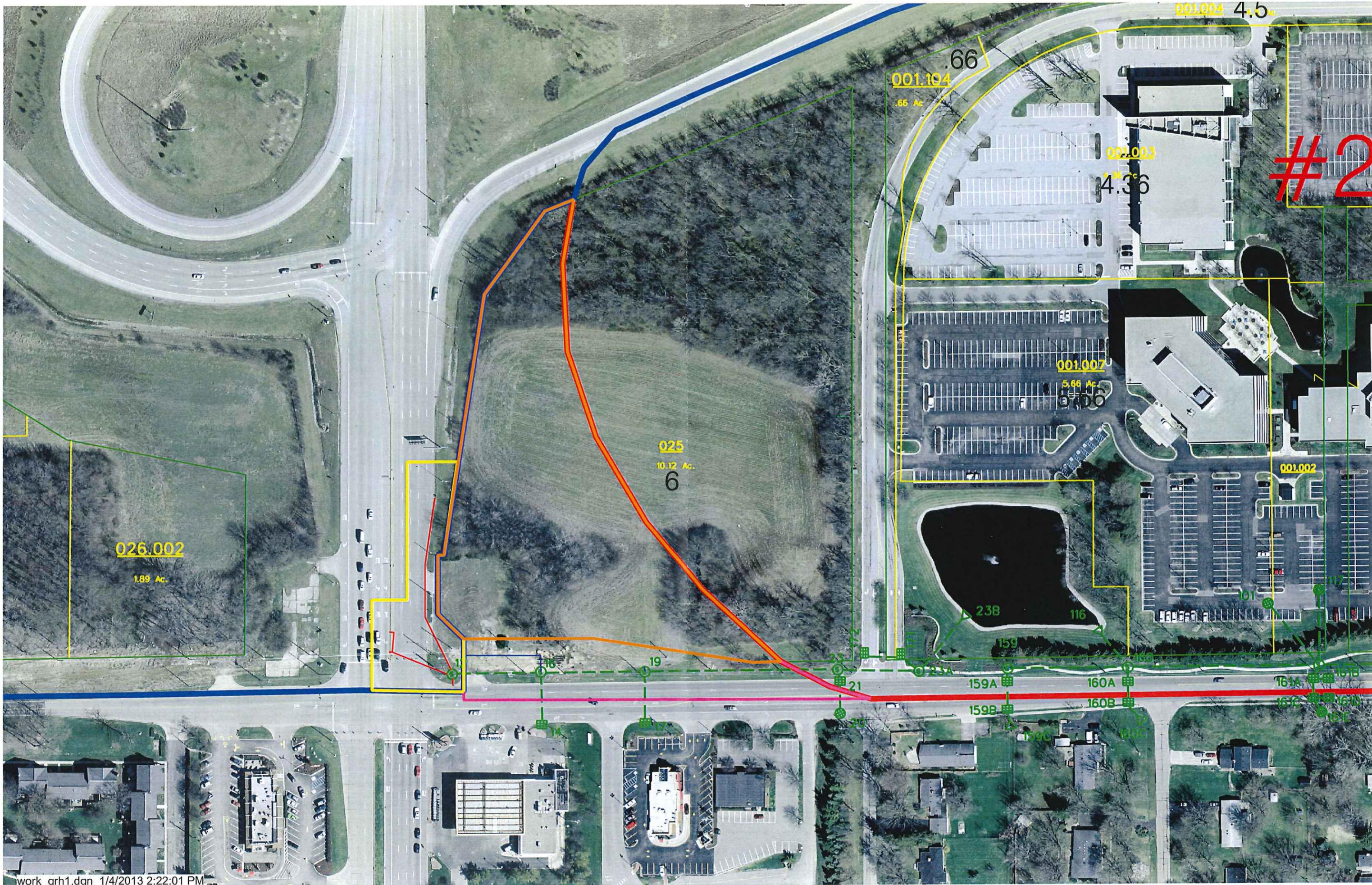
The new drain is all within R.O.W. of 96th St.

Parcel	Owner	Description	Current Benefit	Current MntAsmt	Proposed Benefit	Proposed MntAsmt	Recon-struction	% of Total
16-13-11-00-00-025.000	N.R.C. Corp.	S11 T17 R3 10.12 Ac	6.00	\$ 75.00	10.12	\$ 101.20	*	68.38%
99-99-99-99-99-999.005	City Of Carmel	S11 T17 R3 96th St.	n/a	n/a	2.73	\$ 27.30	*	18.45%
99-99-99-99-99-999.002	Indiana Department Of Transportation	S11 T17 R3 Meridian St.	n/a	n/a	1.95	\$ 19.50	*	13.18%
The 1.95 Ac added to INDOT will be removed from Williams Crk #315.								
			Total:	6.00	\$ 75.00	14.80	\$ 148.00	100.00%

Williams Creek #315 will be reduced by \$19.50 & Clara Knotts #210 will be increased by \$73.00 due to this hearing.



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