



*KCW*

*Kenton C. Ward, CFM*  
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January 29, 2015

To: Hamilton County Drainage Board

Re: W.R. Fertig Drain, Clarian North Arm, U.S. 31 Reconstruction

Attached are petition, plans, and other information for the proposed reconstruction of the Clarian North Arm of the W.R. Fertig Drain, for the U.S. 31 Road Project. The reconstruction was petitioned by the Indiana Department of Transportation. During the road reconstruction, the W.R. Fertig Drain, Clarian North Arm will be affected and those changes are as follows:

### **Clarian North Arm**

The project will reconstruct a portion of W.R. Fertig Drain, Clarian North Arm. The reconstruction will start at existing west ROW line of U.S. 31 and continue to the east ROW of U.S. 31. The existing 170 feet of open ditch starting at the west ROW line, then 180 feet of 48" x 36" elliptical CMP, another 56 feet of open ditch, then 20 feet of 18" CMP, and another 7 feet of open ditch will be removed, totaling 433 feet. This will be replaced with 83' of open ditch starting at the west ROW line, then 312 feet of 60" x 38" elliptical RCP, then 14 feet of open ditch, then 14 feet of 60" x 38" elliptical RCP, and then 10 feet of open ditch, ending at the east ROW of U.S. 31. This is as shown on sheets 32 and 55 of the U.S. 31 construction plans having project number 1296427, contract number IR-34750, and dated July 23, 2012. The total length of new drain shall be 433 feet.

This proposed reconstruction will result in no change to the total length of the Clarian North Arm.

The cost of the reconstruction is to be paid by the Indiana Department of Transportation. Because the project is to be paid by the petitioner and is within the boundaries of the petitioner's property, the project falls under the requirements as set out in IC 36-9-27-52.5. Therefore, a noticed hearing is not required for the petition.

Since the petitioner is the Indiana Department of Transportation and is being performed under public bid process, no bond is required for the relocation/reconstruction work.

The easement for this drain shall remain the existing statutory 75' from the centerline of the tile or the top of bank of the open ditch, as per IC 36-9-27-33. This reconstruction of the regulated drain will only slightly change the location of the easement within the ROW of U.S. 31.

I recommend approval by the Board at this time.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kenton C. Ward', written over a light blue horizontal band.

Kenton C. Ward, CFM  
Hamilton County Surveyor

KCW/pll

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

**Drain-Improvement:** WR Fertig - US 31 Reconstruction of Clarian North Arm

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
HERCP	60" x 38"	326	326	0	\$123.75 LF	\$40,342.50
OPEN DITCH	-	107	107	0	\$19.55 LF	\$2,091.85

**Sum:**                                433                          433                                          \$42,434.35          

Final Report: \_\_\_\_\_

Comments:  
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