

SURVEYOR'S OFFICE  
**Hamilton County**

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November 2, 2015 *Phone (317) 776-8495*

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To: Hamilton County Drainage Board

Re: Williams Creek Drain, Vernon Asher and Meridian Suburban Arms, U.S. 31 Reconstruction

Attached are petition, plans, and other information for the proposed reconstruction of the Vernon Asher and Meridian Suburban Arms of the Williams Creek Drain, for the U.S. 31 Road Project. The reconstruction was petitioned by the Indiana Department of Transportation. During the road reconstruction, the Williams Creek Drain, Vernon Asher Arm and Meridian Suburban Arm will be affected and those changes are as follows:

**Meridian Suburban Arm**

**Tottenham Drive Realignment**

The project will reconstruct a portion of Williams Creek Drain, Meridian Suburban Arm. The reconstruction will start at a point 216 feet north of existing structure 3 on the Meridian Suburban Section 1 area, where a new manhole will be set on the existing drain, labeled as Str. 2303 in the US 31 road plans. The remaining 188 feet of 12" pipe to original drain Str. 2 will be removed; along with 46 feet of 12" RCP and 217 feet of 12" pipe to original drain Str. 1 will be removed, totaling 451 feet. The new drain will start from 2303, being 9 feet of 12" RCP to Str. 2302, then 21 feet of 12" RCP to Str. 2301, and then 5 feet of 12" RCP to Str. 2300. This is as shown on sheets 36, 53, and 61 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 35 feet.

**Pipe Outlet Realignment**

The project will reconstruct a portion of Williams Creek Drain, Meridian Suburban Arm. The reconstruction will start at a point 102 feet south east of existing structure 6 on the Meridian Suburban Section 1 area, where the new end of the existing tile will be discharged in to the U.S. 31 road side ditch. The remaining 135 feet of 30" pipe to the original outlet point will be removed. The new drain will start from the new tile end, being 35 feet of open ditch, and then turning south as another 180 feet of open ditch, with this arm ending at the thalweg of the open ditch running westerly. This is as shown on sheet 82 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 215 feet.

The total length of new drain shall be 250 feet. The 586 feet of original drain as describe above shall be vacated. This proposed reconstruction will result in a decrease of 336 feet in total length of the Meridian Suburban Arm.

**Vernon Asher Arm**

The project will reconstruct a portion of Williams Creek Drain, Vernon Asher Arm. The reconstruction will start at Sta. 19+08 of the Meridian Highlands/Meridian Meadows Arm, and remove 548 feet of open drain to the existing culvert under U.S. 31. The new drain will also start at Sta. 19+08 of the original drain and run as open drain 540 feet to Str. 170, then 359 of open ditch though Str. 170, then 238 feet of open drain in the existing channel to the west ROW line of U.S. 31. Also included is the removal of 105 feet of open drain on the south arm from the east ROW line of U.S 31, which is about 345 feet downstream of Structure 220, to the end of the existing culvert under U.S. 31, which is being replaced with 38 feet of open drain from the same starting point to Str. 170, merging with the other open drain described above at Str. 170. This is as shown on sheet 82 to 84 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 1,175 feet. The 653 feet of original drain as describe above shall be vacated. This proposed reconstruction will result in an increase of 522 feet in total length of this arm.

The project also intercepted the original 1939 Vernon Asher 16" tile at approximately Sta. 42+99, per the original 1939 legal description, with the new open drain described above, at approximately 355 feet north of Str. 170. The original tile will be vacated from Sta. 42+99 to Sta. 48+72, the original 1939 terminus, with the original tile now draining to the new open regulated drain and providing an outlet point for parcel 16-13-02-00-00-018.000, owned by Delta Faucet Company. This will remove 573 feet of tile from the original Vernon Asher Arm.

The total length of new drain shall be 1,175 feet. The 1,226 feet of original drain as describe above shall be vacated. This proposed reconstruction will result in a decrease of 51 feet in total length of the Vernon Asher Arm.

**Project Summary:**

The total change to the Williams Creek Drain length is a decrease of 387 feet as a sum of all the changes to the Meridian Suburban Arm, and the Vernon Asher Arm.

The cost of the reconstruction is to be paid by the Indiana Department of Transportation.

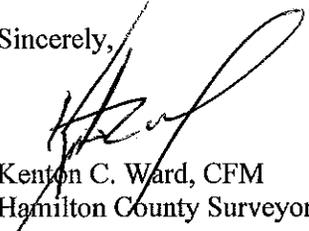
Since the petitioner is the Indiana Department of Transportation and is being performed under public bid process, no bond is required for the relocation/reconstruction work.

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 relocate or add additional easement with the ROW. Work will be completed in the easement of the following parcels:

<u>Parcel</u>	<u>Owner</u>
Tottenham Drive	City of Carmel
U.S. 31 ROW	Indiana Department of Transportation

I recommend the Board set a hearing for this proposed drain reconstruction for January 25, 2016.

Sincerely,



Kenton C. Ward, CFM  
Hamilton County Surveyor

KCW/pll

**Williams Creek, Asher & Meridian Suburban Arms**

U.S. 31 Reconstruction

\*No change in current maintenance assessment.

\*Cost of reconstruction to be paid by INDOT.

The easement will remain 75' from center of tile or top of bank on each side of ditch.

There will be an overall decrease of 387' to the drains total length.

Hearing: 01/25/16

Tottenham Dr. Realignment	Remove	Add
Pipe Outlet Realignment	451	35
Meridian Suburban Drain Totals:	135	215
	586	250
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Vernon Asher Drain	Totals:	1175
Grand Total:	1812	1425

Description	Benefit	MntAsmt	RecAsmt	Percent of Total
S2 T17 R3 US 31 ROW	n/a	*	*	50.00%
S2 T17 R3 Tottenham Dr	n/a	*	*	50.00%

Parcel	Owner
99-99-99-99-99-999.002	Indiana Department Of Transportation
99-99-99-99-99-999.005	City Of Carmel, Dept. of Administration

