

SURVEYOR'S OFFICE

Hamilton County

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September 18, 2011

To: Hamilton County Drainage Board

Re: Anna Kendall Drain, State Road 32 Arm

Attached is the plans and drain map for the State Road 32 Arm of the Anna Kendall Drain. The new drain is being proposed by Indiana Department of Transportation. This proposed drain is located in Washington Township. The proposed drain was constructed with the State Road 32 improvement project and intercepts the E. M. Osborn Arm of the Anna Kendall Drain to provide better drainage north of State Road 32 and provide an outlet for the State Road 32 drainage system.

I have made a personal inspection of the land described below. Upon doing so, I believe that the drain is practicable, will improve the public health, benefit a highway and be of public utility and that the costs, damages and expenses of the proposed drain will probably be less than the benefits accruing to the owners of land likely to be benefited. The drain will consist of the following:

8" HDPE - 312 feet	18" RCP - 18 feet	48" RCP - 433 feet
12" RCP - 127 feet	27" RCP - 86 feet	60" RCP - 176 feet
12" HDPE - 388 feet	36" RCP - 681 feet	72" RCP - 3,981 feet
15" RCP - 101 feet	42" RCP - 149 feet	24"x36" RCP - 169 feet

The total length of new drain will be 6, 621 feet.

The new drain (Str. 124) intercepts the E.M. Osborne - Fabcon relocation approximately 30 feet north of existing Structure #5 per the Fabcon As-builts by Weihe Engineers, having job number 95-312. Existing Str. #5 is the same as Str. 121 per the S.R. 32 Improvement Plans. The drain will be vacated from the interception point to Sta. 27+82 of the original 1921 legal description, where the E.M. Osborne tile (main drain) has been capped and a breather set on the south side of S.R. 32. All of Arm #3 of the E.M. Osborne Drain will be vacated per the original 1921 legal description. Arm #2 of the E.M. Osborne Drain was intercepted at approximately Sta. 13+05 based on information found in regards to the Westfield Airport hanger relocation completed by the property owner in 1981, which is Str. 141B on the S.R. 32 Plans. This will vacate a total of 1311 feet from the E.M. Osborne Arm of the Anna Kendall Drain, with 521 feet of it being the main drain, 545 feet being arm #3, and 245 feet being arm #2.

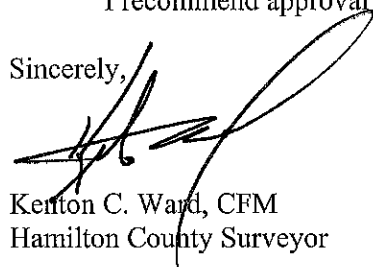
This storm system was designed and installed to accept offsite runoff from drainage area north of State Road 32, at the request of my office. With the construction complete, I recommend that all the area north of the south State Road 32 Right of Way line in the E.M. Osborne arm shed area of the Anna Kendall Drain be removed from the moratorium on the E.M. Osborne Drain per my report dated November 10, 1988 and approved by the Drainage Board on November 14, 1988 (See DB Minute Book #2, pages 308 and 309).

The easement for this new drain shall be 75 feet from the center line of the drain or the existing Right-of-way line of State Road 32, whichever is less.

The cost of the relocation is to be paid by 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 hearing is not required for the petition.

I recommend approval by the Board at this time.

Sincerely,



Keriton C. Ward, CFM
Hamilton County Surveyor

KCW/pll

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

Drain-Improvement: Anna Kendall - S.R.32 Arm

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
HDPE	8"	312	312	/	\$2.18 LF	\$680.16
HDPE	12"	388	388	/	\$3.05 LF	\$1,183.40
RCP	12"	127	127	/	\$7.25 LF	\$920.75
RCP	15"	101	101	/	\$9.50 LF	\$959.50
RCP	18"	18	18	/	\$10.50 LF	\$189.00
RCP	27"	86	86	/	\$21.30 LF	\$1831.80
RCP	36"	681	681	/	\$32.25 LF	\$21,962.25
RCP	42"	149	149	/	\$52.65	\$7844.85
RCP	48"	433	433	/	\$66.55	\$28,816.15
RCP	60"	176	176	/	\$98.85	\$17,397.60
RCP	72"	3981	3981	/	\$154.65	\$615,661.65
ERCP	24"x36"	169	169	/	\$52.25	\$8,830.25

Sum: 6621 6621 φ \$706,277.36

Final Report: N/A

Comments:
